



PC-1

## Revamping of THQ Hospital, Sangla Hill District Nankana

ORIGINAL APPROVED COST	<b>PKR Million. 353.491/-</b>
ORIGINAL APPROVED GESTATION	<b>72 Months</b> <b>Till June 2025</b>
APPROVAL FORUM	<b>DDSC (DDSC)</b>

## **1. NAME OF THE PROJECT**

Revamping of THQ Hospital, Sangla Hill District Nankana

## **2. LOCATION OF THE PROJECT**

### **2.1. DISTRICT(S)**

I. NANKANA SAHIB

### **2.2. TEHSIL(S)**

I. SANGLA HILL

## **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

<b>3</b>	<b>AUTHORITIES RESPONSIBLE</b>	
	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	<b>Source of Funding:</b> Scheme Listed in ADP CFY
2	<b>Proposed Allocation:</b> 0.000
3	<b>GS No:</b> 5254
4	<b>Total Allocation:</b> 0.000
5	<b>Funds Diverted:</b> 0.000
6	<b>Balance Funds:</b> 0.000
7	<b>Comments:</b> 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 2<sup>nd</sup> Phase of the said revamping program in September, 2017.

### **5.1 Background of Primary & Secondary Healthcare Department**

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

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

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

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

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

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

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

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

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

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

## **5.3 Infrastructural Interventions**

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

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

Major infrastructural interventions can be divided in the following four categories

### **5.3.1 External Development**

### **5.3.2 Internal Development**

### **5.3.3 Medical Infrastructure Development**

### **5.3.4 Emergencies Development**

### **5.3.1 External Development**

#### **5.3.1.1 External Platforms**

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

#### **5.3.1.2 Façade Improvement**

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

#### **5.3.1.3 Sewerage System**

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

#### **5.3.1.4 Landscaping (Horticulture)**

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



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

#### **5.3.1.5 Water Filtration Plant**

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

#### **5.3.1.6 External Electrification**

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

#### **5.3.1.7 Parking and Waiting area**

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

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

#### **5.3.1.8 External Signage**

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

### **5.3.2 Internal development**

#### **5.3.2.1 Aesthetic improvement**

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

#### **5.3.2.2 Ramp and Stretcher improvement**

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

#### **5.3.2.3 Seamless flooring and Lead Lining**

To keep high risk areas like Operation theaters, I.C.U, C.C.U, and Gynecology Operation Theater bacteria free is one of the basic medical practices. In the revamping program of hospitals low epoxy paint is proposed in these areas to provide seamless flooring so that the bacterial growth within the grooves can be prevented. Moreover, to make the X-Ray rooms radio-resistant and to keep the patients away from the harm of rays, interventions are taken in X-ray rooms regarding provision of lead lining in walls, ceiling and floor.

Interventions were taken regarding hazardous radiation emitting areas to make them radio-resistant in order to keep patients/attendants away from harmful radiations. These interventions were in the form of provision of lead lining in ceiling, walls and roofs of X-Ray rooms.

#### **5.3.2.4 Aluminum doors and windows**

In order to make sound and heat proof the doors and windows of wards, corridors and major health facilities are proposed as aluminum doors and windows. Which despite of above benefits are also aesthetically pleasing. Corridor wire mesh windows and rolling blinds for windows are proposed in order to invite or stop the day light within the wards according to the requirement. Moreover, existing wooden doors having shabby and dirty look are proposed to be re-polished and washroom doors are proposed to be replaced with PVC doors to make them resistant against water.

#### **5.3.2.5 Improvement of washroom blocks**

The area of hospital which can be dirty at most is its washroom or toilet blocks. To improve the cleanliness of hospital the special interventions were taken regarding the renovation of toilet block of hospital. This renovation includes the re tiling of existing damaged flooring and skirting and addition of water closets etc.

#### **5.3.2.6 Facilitation of attendants and patients**

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

#### **5.3.2.7 Furniture and Fixtures**

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

#### **5.3.2.8 Air Conditioners, Refrigerators and LEDs**

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

#### **5.3.2.9 Internal Signage and Paintings**

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

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

#### **5.3.3 Medical Infrastructure Development**

To cope with the emergency condition of clinically serious patient, oxygen supply system is designed by proposing an individual oxygen supply system for each major health facility. This oxygen supply network comprises on copper pipe line, flow meter with bed head units, cylinders and setup and individual central oxygen supply system. The contract of filling of oxygen gas in cylinders is outsourced for uninterrupted oxygen gas supply to the patients.

For patient receiving, information, guidance, appointment or for any other task, separate reception counters are proposed in various blocks so that, all necessary information regarding the block is available on the counter round the clock. In this way, utilization of clinical facilities will be optimized. For indoor patient department, complete facilitation and care of patients admitted in wards is ensured

by proposal of nursing counter in each ward. This nursing counter will be placed or constructed in such a placement that each bed can be monitored by the nurse available.

The design regarding architectural planning of above mentioned facilities are designed according to the patient facilities and architectural planning standards. These designed facilities are then designed in the existing building structure according to the patient flow and sensitivity of facility.

#### **5.3.3.1 Emergency Department:**

All THQS and DHQs are already providing emergency services to critical ill patients. As far as the existing sources including human resources & equipment are not sufficient to fulfill the requirement. Primary and secondary healthcare department is going to take the initiative to improve emergencies of hospitals by providing new equipment and human resource in form of recruitment of doctors, nurses and paramedical staff along with Infrastructure of Causality Department. Ultimate goal of revamping of emergencies is to enhance the quality of medical services to critical ill patient in golden hour to decrease the mortality and morbidity rate in causality department of each hospital.

##### **5.3.3.1.1 General Overview of Emergency Department**

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

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

##### **5.3.3.1.2 Position of Emergency Department**

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

#### **5.3.3.1.3 Access towards the Emergency Department**

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

#### **5.3.3.1.4 Medical Infrastructure Emergency:**

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

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

#### **5.3.3.1.5 General Building Interventions:**

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

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

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

#### **5.3.3.2 Monitoring and Quality Assurance (Process Interventions)**

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

#### **5.3.3.2.1 MSDS (Minimum Service Delivery Standards)**

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

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

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

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

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

MSDS implementation is a complex procedure. Because it requires

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



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

### **The PDSA cycle**

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

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

### **5.3.3.3 Laboratory**

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

#### **5.3.3.4 X-Ray**

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

#### **5.3.3.5 CCU**

Understanding these ground realities Primary and Secondary Healthcare Department, Government of the Punjab has decided to establish coronary care units (CCU) in THQ hospitals as a part of its Revamping Program. This will improve the quality of healthcare and timely provision of life saving treatment will be possible to large number of patients. A coronary care unit (CCU) is a special department of a hospital or health care facility that provide coronary care to patients. Coronary care units cater to patients with severe and life-threatening cardiac illnesses and which require constant, close monitoring and support from specialized equipment and medications in order to ensure normal bodily functions.

Coronary care units are staffed by highly trained doctors and nurses who specialize in caring for cardiac patients. They are also distinguished from normal hospital wards by a higher staff-to-patient ratio and access to advanced medical resources and equipment that are not routinely available elsewhere. Common conditions that are treated within CCUs including angina, myocardial infection, cardiac arrhythmia, cardiac shock etc. Patients may be transferred directly to coronary care unit from an emergency department or from a ward if they rapidly deteriorate, and immediately require cardiac care treatment.

#### **5.3.3.6 Dialysis Unit**

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

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

Tehsil head Quarter Hospital (THQ) serve large catchment populations of the district and provide a range of specialist care in addition to basic outpatient and inpatient services. Patient who are in need of dialysis, are referred to tertiary care hospital due to non-availability or insufficient number of dialysis machines. Patient's condition not only deteriorate but also compromise the effectiveness of life saving intervention due to approaching to other cites or to costly private setups of dialysis. Primary and Secondary Healthcare Department has decided to establish & strengthening already existing 5 bedded dialysis unit at THQ hospitals. This will improve the quality of healthcare and timely provision of life saving treatment will be possible to large number of patients.

Dialysis unit is a special department of a hospital or health care facility that provides a lifesaving support to patients with chronic renal disease along with pre-existing diseases like diabetes, hypertension, ischemic heart disease to ensure normal bodily functions. Dialysis units are staffed by highly trained doctors, dialysis technicians and dialysis nurses who have done specialized training in caring for such patients. Patients are usually admitted from out door and often from emergency and registered for their timing and schedule of dialysis because these patients are given regular appointments twice or thrice a week as per defined by nephrologist/physician.

#### **5.3.3.7 Labor Rooms/Nurseries**

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

#### **5.3.3.8 Operation Theater**

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

#### **5.3.3.9 Orthopedic unit**

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

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

#### **5.3.3.10 Gynecology Department**

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

#### **5.3.3.11 Surgical Unit**

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

#### **5.3.3.12 Intensive Care Unit (ICU)**

Tehsil Headquarter Hospitals (THQ) serve catchment populations of the whole Tehsil (0.5-1 million) and provide a range of specialist care in addition to basic outpatient and inpatient services. They typically have about 80 to 150 beds and a broad range of specialized services including surgery, medicine, paediatrics, obstetrics, gynaecology, ENT, ophthalmology, orthopaedics, urology, neurosurgery etc. Patient who are in need of intensive care are usually referred to tertiary care hospital but due to long distance they had to travel and time consumed on road due to heavy traffic and other unavoidable circumstance ,patient's condition not only deteriorate but also compromise the effectiveness of life saving intervention. Understanding these ground realities Primary and Secondary Healthcare Department, Government of the Punjab has decided to establish intensive care units (ICU) in THQ hospitals as a part of its Annual Development Plan. This will improve the quality of healthcare and timely provision of life saving treatment will be possible to large number of patients.

Primary and Secondary Healthcare Revamping programme (PSHRP) is the initiative by the Chief Minister of Punjab to strengthen the healthcare delivery system in the province Acquisition of licenses for all THQ Hospital by developing and implementing uniform set of standard Operating procedures (SOPs) & standard medical protocol (SMP) for compliance to MSDS of PHC is planned as a part of PSHRP.

An **intensive care unit (ICU)** is a special department of a hospital or health care facility that provides intensive treatment medicine. Intensive care units cater to patients with severe and life-threatening illnesses and injuries, which require constant, close monitoring and support from specialized equipment and medications in order to ensure normal bodily functions. Intensive care units are staffed by highly trained doctors and nurses who specialize in caring for critically ill patients. They are also distinguished from normal hospital wards by a higher staff-to-patient ratio and access to advanced medical resources and equipment that are not routinely available elsewhere. Common conditions that are treated within ICUs include ARDS, trauma, multiple organ failure and sepsis. Patients may be transferred directly to an intensive care unit from an emergency department if required, or from a ward if they rapidly deteriorate, or immediately after surgery if the surgery is very invasive and the patient is at high risk of complications.

#### **5.3.3.13 Mortuary Unit**

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

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

#### **5.3.3.14 Dental Unit**

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

#### **5.3.3.15 Physiotherapy Unit (33 THQ Hospitals)**

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

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

1. Physiotherapy is a “science of healing and art of caring”. It pertains to the clinical examination, evaluation, assessment, diagnosis and treatment of musculoskeletal, Neurological, Cardio-Vascular and Respiratory systems ‘functional disorders including symptoms of pain, edema, and physiological, structural and psychosomatic ailments. It deals with methods of treatment based on movement, manual therapy, physical agents, and therapeutics modalities to relieve the pain and other complications. Hence, Physical therapy covers basic parameters of healing sciences i.e. preventive, promotive, diagnostic, rehabilitative, and curative.
2. Physiotherapy practice has a very long history and a modern clinical practice is heavily reliant on research and evidence based practice. The Primary and Secondary Healthcare Department Government of Punjab attests to this commitment by adopting and promoting the Standards of Practice for Physiotherapy.

### **Importance of Physiotherapy and Rehabilitation department**

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

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

### **Opportunity Rationale**

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

### **5.3.3.16 Queue Management System (QMS)**

OPD in THQ has enormous patient load, due to the only big public sector serving hospital in Tehsils. At the moment the ticket system is prevailing but there is no mechanism to handle that ticket and assign number to the ticket and its being issued in manual format. This will also create dependency on the person issuing the ticket. After getting the tickets, patient will be provided with no guidance on where to go and when his term will come to meet the doctor and get the required service. This will create confusion and delayed service delivery. On the other hand it will waste lots of time on the end of doctor and patient as patient and doctor has no direct liaison with each other. Moreover, patient will again have to be dependent on some person to check that either doctor is free or any patient sitting in his facility. Here again, human intervention and dependency will come into play.

This project basically aims to remove all the human related dependency till the patient reach the doctors. Moreover, it also includes, recording basic information

for a patient and guiding him to the doctors room from registration count to triage without any dependency on hospital staff. This will improve the transparency as per the vision of good governance and serve the patient in an efficient and transparent manner. This will also help the patient in estimating that time estimate till his term which will give him relief and more belief on the fair system. On the other hand doctor will always have an idea that how many patients will be in queue and give him direct liaison with the patient sitting outside.

The need of queue management system is evident in hospital from the fact of lack of proper mechanism of patient queue management at OPD's, human resource deficiency and non-functional equipment. The Implementation of Queue Management System will provide and streamline Patient Queue Management at OPD with Ticket Generation and Display of Numbers on the counters. This will help in maintaining the queue on First IN First OUT (FIFO) basis. The system will also provide the information counter to the general public to educate them in the use of queue management system and short description of the process. After implementation of this system, the incoming patient will be guided in a manner to get the service on his turn without any dependency or interference of an external resource. All will be handled in an automated way with patient are being served at their turn.

The system manages the patients load, organizes the patient's queues in an adequate manner and gives them the ease in waiting area; and they will be examined gracefully by doctors at their turn. Basic information of the patient is also linked with its ticket, being taken at the first counter. This will help established a unique ID against each patient. This will also lead to the establishment of Electronic Medical Record. The Process flow of Queue Management System at THQ is given as follows:

There are 25 counters at THQ level including basic registration counter, triage counter, consultant office and hospital pharmacy. There is one ticketing machine with a bifurcation of male, female and old age person. The ticket will be issued to the relevant category accordingly. After receiving the ticket the said number will be blinked on male, female and old age counter. The person will move to that counter where he will be asked about his basic details which will be entered in the basic registration form software linked with QMS and that specific token / ticket number. He will also be asked about the disease and accordingly the relevant consultant / specialty area e.g. pediatrics, ophthalmology etc. after registering, he will take the printout and give the slip to patient / attendant along with its token number.



The basic fee of OPD will be received at the registration counter and accounted for in the basic registration software linked with QMS. The same token number will be displayed on the triage counter where his vitals will be taken and written on the same registration slip available with the patient. Now, keeping in view the specialty area the token number will be displayed on the relevant consultant office and he will be checked by relevant consultant. The consultant then diagnosed the medicine or either to admit it after his examination. In case of medicine he will be sent to hospital pharmacy where again the same ticket number will be displayed. There have to be an option available with the doctor to either redirect him to the hospital pharmacy or other (medical tests, referred to IPD). On displaying the same token number at pharmacy counter the patient will move to pharmacy counter along with his token number and registration slip and take prescribed medicine. Patient will be disposed from that window and process of QMS will be completed. There will be no entry in the basic registration software on the counters of triage, doctor at the moment. Detail of equipment is attached.

The process described above for THQ will be implemented. The important constraints for the systems are:

1. Same token number will be used at all the counters and patient will be getting the ticket from ticketing machine only once at the time of entry.
2. QMS will cater for missed, skipped or delayed patient at any counter.
3. There will be two LED displayed at different location in the waiting area to guide patients about the process details and to display token number along with announcement in URDU.
4. The gap between each display panel from ticketing machine to pharmacy can be customized according to requirement e.g. 5, 10, 30, 60 seconds etc.

#### **5.3.3.17 Electronic Medical Record (EMR)**

Establishment of network infrastructure, establishing a central data center, connectivity of different building through fiber, are also the major components of the revamping project in terms of ICT. This will including provision of networking point at all nursing stations and important areas where entries regarding patients' needs to be made e.g. Radiology/Pathology, Indoor, outdoor etc. This will serve as backbone to implement the Electronic Medical Record System in the Hospital which has the key feature of generating Unique Medical Record Number for each patient.

This MR number will serve as an identity for patients during their treatment, retrieval of records and for decision making.

EMR will also be able to log the patient for treatment being provided to him in different areas of hospital i.e. OPD, Pathology, Radiology, Surgery, Indoor, etc. and their integration. This will be achieved by entering the relevant information at each department against specific MR number of a patient in the Customized / Purpose build software (EMR) for these public healthcare facilities.

This entry of MR number against each patient in hospital will build a large database for patient and relevant diseases. This will help in analysis disease / epidemic prevention and better patient care through retrieval of patient history and proper diagnoses at physician end. Implementation of patient registration, Record keeping, physical queue management, E-prescription, supporting IT interventions for EMR and medicine dispensation. Detail of equipment is attached.

#### **5.3.3.18 Video Surveillance through CCTVs**

Installation of network based CCTV cameras is an important module in the ICT part of revamping project. Scope of this component is to install 60 to 80 cameras in each hospitals at important location i.e. entry, exit, OPD, waiting areas, Parking for surveillance and security purposes. This will also serve as major input to the security services by Outsourced Security Company in the hospitals. Moreover, there will be small scale central control room at each hospital to monitor the allocated locations where the cameras have been installed. This system will also have the facility to record the video for 15 days for all the cameras so that recording of specific duration can be produced on demand. This will also have the facility of central control room which has the capacity to access the camera of THQ hospitals and to view and monitor the area of specific camera within specific hospital at any given time. Therefore, it will establish a centralized surveillance and security mechanism for these 85 public sector healthcare facilities. Detail of equipment is attached.

#### **5.3.3.19 Medicine Store**

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

#### **5.3.3.20 Day Care Center**

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

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

#### **5.4 Out Sourcing of Non Clinical Services**

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

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

##### **5.4.1 Janitorial services**

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

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

##### **5.4.2 Laundry Services**

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

#### **5.4.3 MEPG Services**

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

#### **5.4.4 CT Scan Services**

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

#### **5.4.5 Security**

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

#### **5.6 HR & Management Interventions Structure**

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

## New Organogram of Hospital



### MS

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



#### **5.6.1 Non Clinical HR Interventions (Human Resource (HR) Plan Management Structure)**

Institution will run under the administrative control of Medical Superintendent, who will control this with the collaboration and cooperation of 3 Additional Medical Superintendents including AMS (Admin), AMS (HR & Budget) and AMS (clinical), 3 Deputy Medical Superintendents (morning, evening and night) will be reporting to AMS Clinical. Each clinical facility will be further controlled by head of concerned department and 6 administrative posts of HR & Legal Officer, IT/Static Officer, Budget & Account Officer, Admin Officer, Procurement Officer and Audit Officer will be provided as supporting hands for AMS Admin and AMS HR & Budget for smooth execution of hospital tasks.

#### **Responsibilities / Job Descriptions, Eligibility & Financial Implications for Management Structure of Hospital**

##### **5.6.2.1 Medical Superintendent**

Shall be overall responsible for all the affairs of the Hospital

##### **5.6.2.2 AMS Admin.**

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

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

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

### **New Management Structure (NMS)**

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

#### **5.6.2.3 Admin Officer**

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

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

In case these functions have been outsourced, he shall be responsible for enforcement of these contracts and shall ensure that penalties are imposed in case of violation of contract. In case he fails to enforce contract and the outsourced function is not performed at par as per contract and penalties have not been imposed he shall be liable for non-action. Moreover, only reporting of violation of contract shall not suffice but he has to ensure follow up till the penalty has been imposed and action as envisaged in contract in case of violation has been taken.

#### **Eligibility Criteria**

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



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

#### **5.6.2.4 Human Resource Officer**

Shall be responsible for following:

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

#### **Eligibility Criteria**

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

#### **5.6.2.5 IT/Statistical Officer**

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

He shall be in liaison with HISDU, P&SHD for proper reflection of hospital record on HISDU dashboard. In case there is any discrepancy or error he shall resolve the issue. Moreover, he shall be responsible for functionality of all IT equipment.

#### **Eligibility Criteria**

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

#### **5.6.2.6 Finance & Budget Officer**

Shall be responsible for following:

1. Handling of all financial matters of hospital
2. Petty cash handling
3. Preparation of budget
4. Budget review
5. Maintenance of accounts and record
6. Any other function assigned by AMR HR & Finance/MS/P&SHD

##### **Eigibility Criteria**

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

#### **5.6.2.7 Procurement Officer**

Shall be responsible for following functions:

1. Procurement of all kinds for hospital
2. Shall be in liaison with P&SHD for procurements being conducted
3. Any other function assigned by AMS HR & Finance /MS/P&SHD

##### **Eigibility Criteria**

1. Minimum qualification Masters' degree in Finance/ MBA Finance or equivalent from HEC recognized University
2. 2 years post degree experience of procurement (Additional credit may be given for public sector experience of procurement)

#### **5.6.2.8 Quality Assurance Officer**

He shall be responsible for quality of all things in the hospital.

**Eligible Criteria**

1. Masters in Total Quality Management / Masters in Public Health/ Masters in Health Administration/ Masters in Hospital Management / Masters in Biochemistry / Biotechnology / Molecular Biology / Microbiology from an HEC recognized University or equivalent.

OR

16 years education along with Post graduate diploma in Total Quality Management/ Post graduate diploma in Health Safety and Environmental Management System / Post graduate diploma in Healthcare and Hospital Management / Quality Assurance or equivalent.

2. Minimum 1 Year post degree relevant experience.

**5.6.2.9 Logistics Officer**

He shall be responsible for Supply Chain, logistics, fleet, warehousing and inventory management, clearing and forwarding in the hospital.

**Eligible Criteria**

1. M.Sc. Supply Chain Management/ MBA or Equivalent.
2. One year experience in Supply Chain, logistics, fleet, warehousing and inventory management, clearing and forwarding.

**5.6.2.10 Data Entry Operators (DEO)**

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

**Eligible Criteria**

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

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

#### **5.6.2.11 Assistant Admin Officer**

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

#### **Eligibility Criteria**

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

### **5.7 HR for QMS and MSDS and Day Care Center.**

#### **5.7.1.1 QMS Supervisor / Information Desk Officer**

Shall be responsible whole QMS networking

#### **Eligible Criteria**

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

#### **5.7.1.2 Computer Operators**

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

#### **Eligible Criteria**

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

### **5.7.2 Consultants (MSDS) Implementation & Clinical Audit**

#### **Eligible Criteria**

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

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

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

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

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

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

#### **5.7.2.2 Objectives**

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

#### **5.7.2.3 Scope of Work**

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

#### **5.7.2.4 Reporting Arrangements**

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

#### **5.7.2.5 Duration of Assignment**

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

#### **5.7.2.6 Outputs / Key Deliverables**

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

#### **5.7.2.7 Remunerations**

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

#### **5.7.2.8 Terms of Payment**

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

### **5.7.3 HR for Day Care Center**

#### **5.7.3.1 Manager Day Care Center (DCC)**

Shall be responsible for general administrative affairs of DCC.

#### **Eligibility Criteria**

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

#### **5.7.3.2 Montessori Trained Teacher**

Shall be responsible for basic education of children.

##### **Eligibility Criteria**

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

#### **5.7.3.3 Attendant / Care Giver**

Shall be responsible for special care of the children.

##### **Eligibility Criteria**

Minimum qualification Matric or equivalent alongwith diploma in relevant field





The Planning & Development Board vide letter No.12(24)PO(COORD-II)P&D/2022 dated 14-07-2022 has informed that revised standard pay package were discussed and approved by the 83<sup>rd</sup> 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:

<b><u>Project Pay Scale (PPS)</u></b>	<b><u>Revised Project Pay Scales (Permissible Range) (PKR)</u></b>	<b><u>Annual Increment Up to % age</u></b>
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 83<sup>rd</sup> 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
<b>Total</b>	<b>11</b>		<b>8,760,000</b>	<b>849,000</b>	<b>11,556,000</b>

### **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 Sangla Hill District Nankana is more than 0.422 million. The area of the THQ Hospital Sangla Hill District Nankana is 331,895 SFT land.

### **6.1 Description and Justification**

The Project Management Unit, Revamping Program, Primary and Secondary Healthcare Department planned to start the 2<sup>nd</sup> 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 Sangla Hill District Nankana.

Revamping of THQ Sangla Hill District Nankana 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 3<sup>rd</sup> 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 24<sup>th</sup> 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 60<sup>th</sup> PDWP meeting as under: -

Name of Posts	60 <sup>th</sup> 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 83<sup>rd</sup> 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. 39.913 million to Rs. 74.752 million due to few changes in the scope and MRS rates (2<sup>nd</sup> 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:**LO17010578  
**A/C To be Credited:**Assan Assignment

PKR Million

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

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

**Grant Number:**Government Buildings - (PC12042)  
**LO NO:**LO22010054  
**A/C To be Credited:**Account-I

PKR Million

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

<b>Total</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
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## Abstract of Cost

Name of THQ Hospital	THQ Sangla Hill											
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
<b>Capital component</b>												
Internal Development	0.000	18.179	18.179	0.000	18.179	18.179	30.867	5.000	35.867	61.864	5.000	66.864
External Development	0.000	1.817	1.817	0.000	1.817	1.817	9.008	0.000	9.008	12.888	0.000	12.888
Water filtration plant	0.000	5.600	5.600	0.000	5.600	5.600	0.039	0.000	0.039	0.000	0.000	0.000
<b>Total Capital Component</b>	<b>0.000</b>	<b>25.596</b>	<b>25.596</b>	<b>0.000</b>	<b>25.596</b>	<b>25.596</b>	<b>39.913</b>	<b>5.000</b>	<b>44.913</b>	<b>74.752</b>	<b>5.000</b>	<b>79.752</b>
Emergency	0.000	23.861	23.861	0.000	23.861	23.861	0.000	32.914	32.914	0.000	54.892	54.892
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	49.625	49.625	0.000	49.625	49.625	0.000	65.701	65.701	0.000	96.082	96.082
Electricity	0.000	11.072	11.072	0.000	11.072	11.072	0.000	10.679	10.679	0.000	10.679	10.679
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	2.972	2.972	0.000	2.972	2.972	0.000	4.271	4.271	0.000	4.271	4.271
Day Care Center	0.000	1.600	1.600	0.000	1.600	1.600	0.000	1.600	1.600	0.000	1.600	1.600
Human resource (HR) plan	0.000	17.220	17.220	0.000	17.220	17.220	0.000	33.800	33.800	0.000	51.573	51.573
LC Deficit during procurement (currency fluctuation)								2.296	2.296		2.296	2.296
<b>Total Revenue component</b>	<b>0.000</b>	<b>143.015</b>	<b>143.015</b>	<b>0.000</b>	<b>143.015</b>	<b>143.015</b>	<b>0.000</b>	<b>191.133</b>	<b>191.133</b>	<b>0.000</b>	<b>273.739</b>	<b>273.739</b>
<b>Outsourcing component</b>												
Janitorial Services	0.000	12.042	12.042	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Security and Parking services	0.000	5.860	5.860	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Laundry Services	0.000	3.000	3.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maintenance (Generator)	0.000	1.920	1.920	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEP	0.000	3.685	3.685	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Medical Gases	0.000	1.304	1.304	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Cafeteria	0.000	6.743	6.743	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Horticulture services	0.000	8.735	8.735	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Total outsourcing cost</b>	<b>0.000</b>	<b>43.289</b>	<b>43.289</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
<b>Total</b>	<b>0.000</b>	<b>211.900</b>	<b>211.900</b>	<b>0.000</b>	<b>168.611</b>	<b>168.611</b>	<b>39.913</b>	<b>196.133</b>	<b>236.046</b>	<b>74.752</b>	<b>278.739</b>	<b>353.491</b>
<b>Contingency (1%) only on Civil Component</b>	0.000	0.256	0.256	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Third party monitoring (TPM) (2%)</b>	0.000	4.238	4.238	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>Grand Total</b>	<b>0.000</b>	<b>216.395</b>	<b>216.395</b>	<b>0.000</b>	<b>168.611</b>	<b>168.611</b>	<b>39.913</b>	<b>196.133</b>	<b>236.046</b>	<b>74.752</b>	<b>278.739</b>	<b>353.491</b>



## Emergency Equipment

Sr. No.	Area	ITEM DESCRIPTION	Original			1st Revised			2nd Revised			3rd Revised		
			Yard Stick	Required Quantity	Actual Unit Price	Actual Total Cost(Rs)	Yard Stick	Required Quantity	Actual Unit Price	Actual Total Cost(Rs)	Yard Stick	Required Quantity	Actual Unit Price	Actual Total Cost(Rs)
				(T=7+S=0+E=8)				(T=7+S=0+E=8)				(T=7+S=0+E=8)		
1	Reception Area	Table	0		99,750	-	0		99,750	-	0		99,750	-
2		Chairs	0		26,775	-	0		26,775	-	0		30,000	-
3		Computer Data Entry With Printer	1	1	141,750	141,750	1	1	141,750	141,750	1	1	195,000	195,000
4	3	Table (2.5 X 4)*(N)	0	0	101,850	-	0	0	101,850	-	0	0	101,850	-
5	7	Chairs *(N)	0	0	26,775	-	0	0	26,775	-	0	0	30,000	-
6	Triage area	B.p apparatus wall type*(N)	3	7	15,750	110,250	3	7	15,750	110,250	3	7	30,000	210,000
7		Gurney WITH FOOT STEP)*(N)	3	7	420,000	2,940,000	3	7	420,000	2,940,000	3	7	800,000	5,600,000
8		Mercury B.P apparatus*(N)	2	5	33,600	168,000	2	5	33,600	168,000	2	5	36,000	180,000
9		Laryngoscope paed & adult each*(N)	2	5	10,500	52,500	2	5	10,500	52,500	2	5	20,000	100,000
10		Diagnostic set*(N)	1	3	45,150	135,450	1	3	45,150	135,450	1	3	85,000	255,000
11		ECG Machine (with trolley) *(N)	1	3	169,785	509,355	1	3	169,785	509,355	1	3	300,000	900,000
12		Central oxygen with accessories FOR each	0	0	420,000	-	0	0	420,000	-	0	0	-	-
13		NEBULIZER HD*(N)	2	5	125,265	626,325	2	5	125,265	626,325	2	5	300,000	1,500,000
14		SUCKER MACHINE*(N)	1	3	259,350	778,050	1	3	259,350	778,050	1	3	300,000	900,000
15		Resuscitation Trolley (fully equipped) *(N)	1	3	244,733	734,199	1	3	244,733	734,199	1	3	600,000	1,800,000
16		INSTRUMENT CABINET*N	1	3	69,300	207,900	1	3	69,300	207,900	1	3	69,300	207,900
17		MEDICINE TROLLY*N	1	3	60,900	182,700	1	3	60,900	182,700	1	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	1,417,500	1,417,500	1	1	2,000,000	2,000,000
19		Anesthesia Machine	1	1	2,509,554	2,509,554	1	1	2,509,554	2,509,554	1	1	3,000,000	3,000,000
20		Sucker machine	1	1	259,350	259,350	1	1	259,350	259,350	1	1	275,000	275,000
21		Portable O.T Lights	1	1	304,220	304,220	1	1	304,220	304,220	1	1	500,000	500,000
22		Ceiling o.t light	1	1	414,750	414,750	1	1	414,750	414,750	1	1	800,000	800,000
23		Hot air oven	1	1	110,000	110,000	1	1	110,000	110,000	1	1	385,000	385,000
24		Autoclave	1	1	441,000	441,000	1	1	441,000	441,000	1	1	550,000	550,000
25		Instrument trolley*N	1	1	54,000	54,000	1	1	54,000	54,000	1	1	54,000	54,000
26		Defibrillator*N	1	1	310,000	310,000	1	1	310,000	310,000	1	1	650,000	650,000
27		Instrument cabinet	1	1	69,300	69,300	1	1	69,300	69,300	1	1	69,300	69,300
28		GURNEYS*N	4		420,000	-	4		420,000	-	4		460,000	-
29	Constant / specialized care room	Sucker machine *(N)	2		259,350	-	2		259,350	-	2		275,000	-
30		Nebulizer HD*(N)	2		125,265	-	2		125,265	-	2		215,000	-
31		Center Oxygen supply*N	1		420,000	-	1		420,000	-	1		-	-
32		Resuscitation Trolley (fully equipped) *(N)	1		237,618	-	1		237,618	-	1		400,000	-
33		Defibrillator*N	1		302,605	-	1		302,605	-	1		650,000	-
34		Pulse- oximeter*(N)	4		104,000	-	4		104,000	-	4		160,000	-
35		Bedside-monitor*(N)	4		301,665	-	4		301,665	-	4		550,000	-
36		ECG MACHINE*(N)	1		169,785	-	1		169,785	-	1		169,785	-
37		BP APPARATUS*N	1		15,750	-	1		15,750	-	1		16,000	-
38		FOOT STEP)*(N)	1		3,150	-	1		3,150	-	1		4,000	-
39		ATTANDANT BENCH)*(N)	1		5,250	-	1		5,250	-	1		8,000	-
40	7	(MOTRIZED BEDS) with accessories (with foot steps)*(N)	7	8	210,000	1,680,000	7	8	210,000	1,680,000	7	8	400,000	3,200,000
41	8	ECG machine(with trolley) *(N)	1	2	169,785	339,570	1	2	169,785	339,570	1	2	169,785	339,570
42	Emergency ward	Pulse- oximeter *(N)	6	7	104,000	728,000	6	7	104,000	728,000	6	7	160,000	1,120,000
43		Bedside-monitor*(N)	3	4	301,665	1,206,660	3	4	301,665	1,206,660	3	4	550,000	2,200,000
44		B.P apparatus wall type *(N)	6	7	26,250	183,750	6	7	26,250	183,750	6	7	30,000	210,000
45		Nebulizer HD *(N)	2	3	125,265	375,795	2	3	125,265	375,795	2	3	215,000	645,000
46		Resuscitation Trolley (fully equipped) *(N)	1	2	237,618	475,236	1	2	237,618	475,236	1	2	400,000	800,000
47		Defibrillator*N	1	2	299,153	598,307	1	2	299,153	598,307	1	2	650,000	1,300,000

## Emergency Equipment

			Original				1st Revised				2nd Revised				3rd Revised			
Sr.	Area	ITEM DESCRIPTION	Yard	Required Quantity	Actual Unit	Actual Total	Yard	Required Quantity	Actual Unit	Actual Total	Yard	Required Quantity	Actual Unit	Actual Total	Yard	Required Quantity	Actual Unit	Actual Total
48		Sucker machine *(N)	2	3	259,350	778,050	2	3	259,350	778,050	2	3	275,000	825,000	2	3	300,000	900,000
49		Wheal chairs *(N)	0	0	31,500	-	0	0	31,500	-	0	0	35,000	-	0	0	35,000	-
50		Stretcher *(N)	0	0	69,300	-	0	0	69,300	-	0	0	69,300	-	0	0	69,300	-
51		ambo bag paedts with Mask*N	5	5	15,750	78,750	5	5	15,750	78,750	5	5	19,000	95,000	5	5	19,000	95,000
52	Generalized	ambo bag adult with Mask* N	5	5	15,750	78,750	5	5	15,750	78,750	5	5	19,000	95,000	5	5	19,500	97,500
53		patient stool * N	2	2	4,085	8,169	2	2	4,085	8,169	2	2	4,500	9,000	2	2	5,000	10,000
54		Portable x-rays (300 M.A)	1	1	3,450,350	3,450,350	1	1	3,450,350	3,450,350	1	1	4,300,000	4,300,000	1	1	9,800,000	9,800,000
55		Portable ultra-sound	1	1	1,403,325	1,403,325	1	1	1,403,325	1,403,325	1	1	1,500,000	1,500,000	1	1	2,400,000	2,400,000
		<b>Total</b>				<b>23,860,865</b>				<b>23,860,865</b>				<b>32,914,220</b>				<b>54,892,400</b>
						23.861				23.861				32.914				54.892

## 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 Guage	4	15,000	60,000	4	15,000	60,000	4	15,000	60,000	4	15,000	60,000
63	Bio Cleaning and Disinfection System	1	650,000	650,000	1	650,000	650,000	1	650,000	650,000	1	2,200,000	2,200,000
	<b>Total</b>			<b>8,647,094</b>			<b>8,647,094</b>			<b>9,653,822</b>			<b>13,437,942</b>
				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	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost
1	Laboratory	Semi Auto Clinical Chemistry Analyzer	1	1	0	449,295	-	1	1	0	449,295	-	1	1	0	550,000	-	1	1	0	550,000	-
2		Hematology Analyzer	1	0	1	427,350	427,350	1	0	1	427,350	427,350	1	0	1	550,000	550,000	1	0	1	750,000	750,000
3		Electrolyte Analyzer	1	0	1	427,350	427,350	1	0	1	427,350	427,350	1	0	1	550,000	550,000	1	0	1	550,000	550,000
4		Blood Gas Analyzer	0	0	0	2,744,858	-	0	0	0	2,744,858	-	0	0	0	3,200,000	-	0	0	0	1,400,000	-
5		Clinical Microscope	1	1	0	132,825	-	1	1	0	132,825	-	1	1	0	180,000	-	1	1	0	250,000	-
6		Water Bath	1	0	1	60,000	60,000	1	0	1	60,000	60,000	1	0	1	157,500	157,500	1	0	1	325,000	325,000
7		Hot air Oven	1	0	1	210,000	210,000	1	0	1	210,000	210,000	1	0	1	385,000	385,000	1	0	1	450,000	450,000
8		Distilled water plant	1	0	1	52,500	52,500	1	0	1	52,500	52,500	1	0	1	75,000	75,000	1	0	1	125,000	125,000
9		Auto pipettes	10	0	10	31,500	315,000	10	0	10	31,500	315,000	10	0	10	40,500	405,000	10	0	10	45,000	450,000
10		glass wares	0	0	0	105,000	-	0	0	0	105,000	-	0	0	0	105,000	-	0	0	0	105,000	-
11	X-Rays	Centrifuge Machine	2	1	1	149,336	149,336	2	1	1	149,336	149,336	2	1	1	250,000	250,000	2	1	1	400,000	400,000
12		Static X-ray Machine	1	1	0	4,200,000	-	1	1	0	4,200,000	-	1	1	0	6,000,000	-	1	1	0	12,000,000	-
13		Mobile X-Ray Machine	0	1	0	3,850,524	-	0	1	0	3,850,524	-	0	1	0	4,300,000	-	0	1	0	9,800,000	-
14		Computerized Radiography System	0	1	0	4,018,245	-	0	1	0	4,018,245	-	0	1	0	4,500,000	-	0	1	0	4,500,000	-
15		Dental X-Ray	0	0	0	282,975	-	0	0	0	282,975	-	0	0	0	350,000	-	0	0	0	525,000	-
16		Lead apron and PPE	2	1	1	52,500	52,500	2	1	1	52,500	52,500	2	1	1	60,000	60,000	2	1	1	85,000	85,000
17		Density meter personal (Add)	0	0	0	210,000	-	0	0	0	210,000	-	0	0	0	210,000	-	0	0	0	250,000	-
18		Lead glass /shield	0	1	0	105,000	-	0	1	0	105,000	-	0	1	0	105,000	-	0	1	0	150,000	-
19		Lead Walls	0	0	0	525,000	-	0	0	0	525,000	-	0	0	0	525,000	-	0	0	0	525,000	-
20	Ultrasound	Portable/Mobile Ultrasound	0	3	0	1,371,331	-	0	3	0	1,371,331	-	0	3	0	1,500,000	-	0	3	0	2,400,000	-
21		Color Doppler RADIOLOGY	1	0	1	3,698,310	3,698,310	1	0	1	3,698,310	3,698,310	1	0	1	4,500,000	4,500,000	1	0	1	5,500,000	5,500,000
22	CCU	ICU MONITOR	2	0	2	301,665	603,330	2	0	2	301,665	603,330	2	0	2	900,000	1,800,000	2	0	2	1,250,000	2,500,000
23		Temporary pace maker	0	0	0	315,000	-	0	0	0	315,000	-	0	0	0	315,000	-	0	0	0	550,000	-
24		Defibrillator	1	0	1	299,153	299,153	1	0	1	299,153	299,153	1	0	1	650,000	650,000	1	0	1	800,000	800,000
25		ECG Machine Three Channel	2	0	2	169,785	339,570	2	0	2	169,785	339,570	2	0	2	169,785	339,570	2	0	2	300,000	600,000
26		ETT Machine	0	0	0	2,021,838	-	0	0	0	2,021,838	-	0	0	0	2,200,000	-	0	0	0	3,000,000	-
27		Color doplor CARDIOLOGY	0	0	0	4,681,790	-	0	0	0	4,681,790	-	0	0	0	4,800,000	-	0	0	0	6,000,000	-
28		Suction Pump	2	0	2	259,350	518,700	2	0	2	259,350	518,700	2	0	2	275,000	550,000	2	0	2	300,000	600,000
29		Blood Cabinet	1	0	1	690,539	690,539	1	0	1	690,539	690,539	1	0	1	700,000	700,000	1	0	1	1,500,000	1,500,000
30	Blood Bank	Centrifuge Machine	2	0	2	149,336	298,673	2	0	2	149,336	298,673	2	0	2	250,000	500,000	2	0	2	400,000	800,000
31		Slide viewer	1	0	1	42,000	42,000	1	0	1	42,000	42,000	1	0	1	55,000	55,000	1	0	1	55,000	55,000
32	Dialysis Unit (10 beds)	Clinical Microscope	1	0	1	132,825	132,825	1	0	1	132,825	132,825	1	0	1	180,000	180,000	1	0	1	250,000	250,000
33		Computerized Hemo Dialysis Machine	5	0	5	1,050,000	5,250,000	5	0	5	1,050,000	5,250,000	5	0	5	1,600,000	8,000,000	5	0	5	3,200,000	16,000,000
34	Nursery	Baby Cot	10	5	5	14,669	73,343	10	5	5	14,669	73,343	10	5	5	16,000	80,000	10	5	5	16,000	80,000
35		Phototherapy Unit	2	0	2	130,200	260,400	2	0	2	130,200	260,400	2	0	2	655,000	1,310,000	2	0	2	850,000	1,700,000
36		Infant Warmer	2	1	1	335,638	335,638	2	1	1	335,638	335,638	2	1	1	985,000	985,000	2	1	1	1,050,000	1,050,000
37		Pulse Oximeter	6	1	5	104,500	522,500	6	1	5	104,500	522,500	6	1	5	160,000	800,000	6	1	5	225,000	1,125,000
38		Infant Incubator	2	1	1	858,932	858,932	2	1	1	858,932	858,932	2	1	1	900,000	900,000	2	1	1	1,750,000	1,750,000
39		Suction Pump	1		1	259,350	259,350	1		1	259,350	259,350	1		1	275,000	275,000	1		1	300,000	300,000
40		Hospital Grade Nebulizer Heavy Duty	2	1	1	125,265	125,265	2	1	1	125,265	125,265	2	1	1	215,000	215,000	2	1	1	300,000	300,000
41		Anesthesia Machine with Ventilator	1	1	0	2,509,554	-	1	1	0	2,509,554	-	1	1	0	3,000,000	-	1	1	0	7,000,000	-
42	O.T (04)	BED SIDE PATIENT MONITOR	2	1	1	441,000	441,000	2	1	1	441,000	441,000	2	1	1	550,000	550,000	2	1	1	1,200,000	1,200,000
43		Defibrillator	2	1	1	308,713	308,713	2	1	1	308,713	308,713	2	1	1	650,000	650,000	2	1	1	800,000	800,000
44		Electrosurgical Unit	1	1	0	507,530	-	1	1	0	507,530	-	1	1	0	700,000	-	1	1	0	900,000	-
45		Operation Table	1	2	0	1,426,215	-	1	2	0	1,426,215	-	1	2	0	2,000,000	-	1	2	0	2,500,000	-
46		Ceiling Operating Light	1	2	0	413,013	-	1	2	0	413,013	-	1	2	0	800,000	-	1	2	0	950,000	-
47		STEAM STERILIZER	1	3	0	3,465,000	-	1	3	0	3,465,000	-	1	3	0	4,000,000	-	1	3	0	7,800,000	-
48		Suction Pump	2		2	259,350	518,700	2		2	259,350	518,700	2		2	275,000	550,000	2		2	300,000	600,000
49		Resuscitation trolley With Crash Cart	2	0	2	244,733	489,466	2	0	2	244,733	489,466	2	0	2	400,000	800,000	2	0	2	600,000	1,200,000
50		mayo table	4	0	4	21,000	84,000	4	0	4	21,000	84,000	4	0	4	23,000	92,000	4	0	4	23,000	92,000
51		MOBILE OPERATING LIGHT	1	0	1	304,220	304,220	1	0	1	304,220	304,220	1	0	1	400,000	400,000	1	0	1	900,000	900,000
52	Orthopedic	Operation Table	0	0	0	1,426,215	-	0	0	0	1,426,215	-	0	0	0	2,000,000	-	0	0	0	5,000,000	-
53		ORTHOPEDIC DRILL	0	0	0	1,108,740	-	0	0	0	1,108,740	-	0	0	0	1,500,000	-	0	0	0	4,000,000	-
54		Plaster Cutting Pneumatic	1	0	1	276,250	276,250	1	0	1	276,250	276,250	1	0	1	450,000	450,000	1	0	1	1,500,000	1,500,000
55		Pneumatic Tourniquets	0	0	0	262,500	-	0	0	0	262,500	-	0	0	0	262,500	-	0	0	0	300,000	-
56		Orthopedic Instruments	0	0	0	432,623	-	0	0	0	432,623	-	0	0	0	550,000	-	0	0	0	550,000	-
57		Portable/Mobile Ultrasound	1	2	0	1,418,958	-	1	2	0	1,418,958	-	1	2	0	1,500,000	-	1	2	0	2,400,000	-
58		Autoclave	1	0	1	441,000	441,000	1	0	1	441,000	441,000	1	0	1	550,000	550,000	1	0	1	850,000	850,000
59		Delivery Set	10	1	9	31,500	283,500	10	1	9	31,500	283,500	10	1	9	40,000	360,000	10	1	9	65,000	585,000
60		Delivery Table																				

## Medical Equipment

Medical Equipment																						
Sr. No.	Area	Name of Equipment	Original					1st Revised					2nd Revised					3rd Revised				
			Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost
61	Gyne (20 beds)	BED SIDE PATIENT MONITOR	2	0	2	294,000	588,000	2	0	2	294,000	588,000	2	0	2	550,000	1,100,000	2	0	2	1,200,000	2,400,000
62		D & C Set	2	1	1	34,650	34,650	2	1	1	34,650	34,650	2	1	1	40,000	40,000	2	1	1	60,000	60,000
63		Vacuum Extractor	1	0	1	259,350	259,350	1	0	1	259,350	259,350	1	0	1	300,000	300,000	1	0	1	350,000	350,000
64		CTG Machine	1	0	1	628,049	628,049	1	0	1	628,049	628,049	1	0	1	725,000	725,000	1	0	1	900,000	900,000
65		ECG Machine Three Channel	1	0	1	169,785	169,785	1	0	1	169,785	169,785	1	0	1	180,000	180,000	1	0	1	300,000	300,000
66		Portable O.T Light	2	1	1	304,220	304,220	2	1	1	304,220	304,220	2	1	1	400,000	400,000	2	1	1	900,000	900,000
67		Baby Cot	2	1	1	14,669	14,669	2	1	1	14,669	14,669	2	1	1	16,000	16,000	2	1	1	16,000	16,000
68		Delivery trolley	2	1	1	47,250	47,250	2	1	1	47,250	47,250	2	1	1	47,250	47,250	2	1	1	47,250	47,250
69		Desktop Fetal Heart Rate Detector	1	0	1	144,375	144,375	1	0	1	144,375	144,375	1	0	1	175,000	175,000	1	0	1	200,000	200,000
70	Surgical Emergency (10 beds)	Steam Sterilizer	0	1	0	3,355,849	-	0	1	0	3,355,849	-	0	1	0	4,000,000	-	0	1	0	7,800,000	-
71		Operation Table	0	0	0	1,426,215	-	0	0	0	1,426,215	-	0	0	0	2,000,000	-	0	0	0	2,500,000	-
72		MOBILE OPERATING LIGHT	0	1	0	285,466	-	0	1	0	285,466	-	0	1	0	400,000	-	0	1	0	900,000	-
73		Suction Pump	0	1	0	259,350	-	0	1	0	259,350	-	0	1	0	275,000	-	0	1	0	300,000	-
74		Laryngoscope	0	0	0	9,744	-	0	0	0	9,744	-	0	0	0	12,000	-	0	0	0	20,000	-
75	Others	Set of Surgical Instruments	0	1	0	141,750	-	0	1	0	141,750	-	0	1	0	160,000	-	0	1	0	220,000	-
76		Stretcher	10	0	10	68,250	682,500	10	0	10	68,250	682,500	10	0	10	69,300	693,000	10	0	10	69,300	693,000
77		wheel chair	10	0	10	31,500	315,000	10	0	10	31,500	315,000	10	0	10	35,000	350,000	10	0	10	35,000	350,000
78		foot support	6	0	6	4,200	25,200	6	0	6	4,200	25,200	6	0	6	4,500	27,000	6	0	6	5,148	30,888
79		Resuscitation trolley With Crash Cart	5	1	4	237,618	950,473	5	1	4	237,618	950,473	5	1	4	400,000	1,600,000	5	1	4	600,000	2,400,000
80	Others	BP Appratus	15	1	14	15,750	220,500	15	1	14	15,750	220,500	15	1	14	16,000	224,000	15	1	14	16,000	224,000
81		Ventilator	0	0	0	2,195,080	-	0	0	0	2,195,080	-	0	0	0	3,500,000	-	0	0	0	5,500,000	-
82		CPAP	1	0	1	1,098,510	1,098,510	1	0	1	1,098,510	1,098,510	1	0	1	2,100,000	2,100,000	1	0	1	2,800,000	2,800,000
83		X-RAY PROCESSOR	1	0	1	858,440	858,440	1	0	1	858,440	858,440	1	0	1	925,000	925,000	1	0	1	1,200,000	1,200,000
84		Hand wash Scrub Double Bay	2	0	2	94,500	189,000	2	0	2	94,500	189,000	2	0	2	100,000	200,000	2	0	2	140,000	280,000
85	ICU	Image Intensifier	0	0	0	4,667,460	-	0	0	0	4,667,460	-	0	0	0	4,667,460	-	0	0	0	12,000,000	-
86		Central Medical Gass Pipe Line System	7	0	7	850,000	5,950,000	7	0	7	850,000	5,950,000	7	0	7	-	-	7	0	7	-	-
87		Motorized Patient bed with bed side,Mattress,IV stand, Attendant Bench	4	0	4	210,000	840,000	4	0	4	210,000	840,000	4	0	4	400,000	1,600,000	4	0	4	600,000	2,400,000
88		Sphygmomanometer wall mtd	4	0	4	15,750	63,000	4	0	4	15,750	63,000	4	0	4	30,000	120,000	4	0	4	35,000	140,000
89		Resuscitation trolley With Crash Cart	2	0	2	244,733	489,466	2	0	2	244,733	489,466	2	0	2	400,000	800,000	2	0	2	600,000	1,200,000
90	ICU	Defibrillator	1	0	1	299,153	299,153	1	0	1	299,153	299,153	1	0	1	650,000	650,000	1	0	1	800,000	800,000
91		Defibrillator with Monitor	0	0	0	330,750	-	0	0	0	330,750	-	0	0	0	650,000	-	0	0	0	800,000	-
92		ECG Machine Three Channel	0	0	0	169,785	-	0	0	0	169,785	-	0	0	0	180,000	-	0	0	0	300,000	-
93		Syringe pump	1	0	1	108,780	108,780	1	0	1	108,780	108,780	1	0	1	125,000	125,000	1	0	1	200,000	200,000
94		Suction Pump	0	0	0	259,350	-	0	0	0	259,350	-	0	0	0	275,000	-	0	0	0	300,000	-
95		ICU Monitor	0	0	0	298,200	-	0	0	0	298,200	-	0	0	0	900,000	-	0	0	0	1,250,000	-
96		Instrument Trolley	1	0	1	55,000	55,000	1	0	1	55,000	55,000	1	0	1	55,000	55,000	1	0	1	55,000	55,000
97		Ward instruments	0	0	0	-	-	0	0	0	-	-	0	0	0	-	-	0	0	0	-	-
98		Ventilator intensive care	2	0	2	1,600,000	3,200,000	2	0	2	1,600,000	3,200,000	2	0	2	3,500,000	7,000,000	2	0	2	5,500,000	11,000,000
99		CPAP with humidifier	0	0	0	1,098,510	-	0	0	0	1,098,510	-	0	0	0	2,100,000	-	0	0	0	2,800,000	-
100	MORTUARY	DELIVERY TROLLEY STAINLESS STEEL	1	0	1	23,835	23,835	1	0	1	23,835	23,835	1	0	1	47,250	47,250	1	0	1	47,250	47,250
101		Ambu-Bag, adult	4	0	4	17,325	69,300	4	0	4	17,325	69,300	4	0	4	19,000	76,000	4	0	4	19,000	76,000
102		Ambu-Bag, paed	4	0	4	17,325	69,300	4	0	4	17,325	69,300	4	0	4	19,000	76,000	4	0	4	19,000	76,000
103	Dental Unit	TWO BODY REFRIGERATOR WITH CASTERS 220v 50Hz Along with Atopsy Table & Lifter Trolley	1	0	1	2,470,546	2,470,546	1	0	1	2,470,546	2,470,546	1	0	1	3,000,000	3,000,000	1	0	1	3,500,000	3,500,000
104		Dental Unit	2	0	2	2,190,000	4,380,000	2	0	2	2,190,000	4,380,000	2	0	2	2,820,000	5,640,000	2	0	2	2,820,000	5,640,000
105		Autoclave	1	0	1	441,000	441,000	1	0	1	441,000	441,000	1	0	1	550,000	550,000	1	0	1	850,000	850,000
106		Dental X-RAY Machine	1	0	1	282,975	282,975	1	0	1	282,975	282,975	1	0	1	350,000	350,000	1	0	1	525,000	525,000
107		Digital Intra Oral Camera	0	0	0	94,500	-	0	0	0	94,500	-	0	0	0	150,000	-	0	0	0	600,000	-
108		DENTAL CAUTERY	0	0	0	84,000	-	0	0	0	84,000	-	0	0	0	160,000	-	0	0	0	900,000	-
109		Ultrasonic scaling	1	0	1	120,750	120,750	1	0	1	120,750	120,750	1	0	1	175,000	175,000	1	0	1	300,000	300,000
110		Curing lights	1	0	1	52,500	52,500	1	0	1	52,500	52,500	1	0	1	95,000	95,000	1	0	1	150,000	150,000
111		Endo motor system	1	0	1	199,601	199,601	1	0	1	199,601	199,601	1	0	1	265,000	265,000	1	0	1	500,000	500,000
112		Dental cabinet	0	0	0	42,000	-	0	0	0	42,000	-	0	0	0	70,000	-	0	0	0	160,000	-
113	Beds	Dental examination/surgical instrument sets	4	0	4	157,500	630,000	4	0	4	157,500	630,000	4	0	4	175,000	700,000	4	0	4	175,000	700,000
131		Fowler beds with Mattress	60	0	60	70,000	4,200,000	60	0	60	70,000	4,200,000	60	0	60	110,000	6,600,000	60	0	60	150,000	9,000,000
		Total					49,624,588					49,624,588					65,700,570					96,082,388
							49.625					49.625					65.701					96.082

## Electricity

Sr. No.	Item Name	Original			1st Revised			2nd Revised			3rd Revised		
		Quantity	Per Unit Cost	Total Cost	Quantity	Per Unit Cost	Total Cost	Quantity	Per Unit Cost	Total Cost	Quantity	Per Unit Cost	Total Cost
1	Transformers (200 KVA)	1	600,000	600,000	1	600,000	600,000	1	600,000	600,000	1	600,000	600,000
2	Transformers (100 KVA)	1	450,000	450,000	1	450,000	450,000	1	450,000	450,000	1	450,000	450,000
3	Transformers (50 KVA)	0	300,000	-	0	300,000	-	0	300,000	-	0	300,000	-
4	Generator (200 KVA)	0	4,000,000	-	0	4,000,000	-	0	4,000,000	-	0	4,000,000	-
5	Generator (100 KVA)	1	2,300,000	2,300,000	1	2,300,000	2,300,000	1	2,300,000	2,300,000	1	2,300,000	2,300,000
6	2 Ton air conditioners (split)	10	55,500	555,000	10	55,500	555,000	10	55,500	555,000	10	55,500	555,000
7	2 Ton air conditioners (Cabinet)	16	78,000	1,248,000	16	78,000	1,248,000	16	78,000	1,248,000	16	78,000	1,248,000
8	4 Ton air conditioners (Cabinet)	1	120,000	120,000	1	120,000	120,000	1	120,000	120,000	1	120,000	120,000
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"	72	3,280	236,160	72	3,280	236,160	72	3,280	236,160	72	3,280	236,160
12	Dual Connection of Electricity / Express Line	1	5,392,750	5,392,750	1	5,392,750	5,392,750	1	5,000,000	5,000,000	1	5,000,000	5,000,000
	<b>Total</b>			<b>11,071,710</b>			<b>11,071,710</b>			<b>10,678,960</b>			<b>10,678,960</b>
				<b>11.072</b>			<b>11.072</b>			<b>10.679</b>			<b>10.679</b>

## IT & QMS & Surveillance

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



## 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
	<b>Machinery and Equipment's</b>												
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
	<b>Laundry &amp; Washing</b>												
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
	<b>Medicine Store</b>												
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
	<b>Total</b>	<b>7169</b>	<b>951100</b>	<b>13,503,500</b>	<b>7169</b>	<b>951100</b>	<b>13,503,500</b>	<b>7169</b>	<b>951100</b>	<b>13,503,500</b>	<b>7169</b>	<b>1288300</b>	<b>18,787,500</b>
				<b>13.504</b>			<b>13.504</b>			<b>13.504</b>			<b>18.788</b>

## 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
		<b>External Sign Boards</b>												
1	A1	External Platform/Road Signage (Circular)	6	9,710	58,260	6	9,710	58,260	6	13,951	83,706	6	13,951	83,706
2	A2	External Platform/Road Signage (Triangular)	6	8,883	53,298	6	8,883	53,298	6	12,762	76,574	6	12,762	76,574
3	B1	Main Directional Board	1	107,950	107,950	1	107,950	107,950	1	155,107	155,107	1	155,107	155,107
4	C1	Directional Board (Single Sheet)	10	13,870	138,700	10	13,870	138,700	10	19,929	199,290	10	19,929	199,290
5	C2	Directional Board (Two Sheets)	1	21,586	21,586	1	21,586	21,586	1	31,016	31,016	1	31,016	31,016
6	C3	Directional Board (Three Sheets)	1	28,940	28,940	1	28,940	28,940	1	41,581	41,581	1	41,581	41,581
7	C4	Directional Board (Four Sheets)	1	35,738	35,738	1	35,738	35,738	1	51,351	51,351	1	51,351	51,351
8	C5	Directional Board (Five Sheets)	1	43,401	43,401	1	43,401	43,401	1	62,360	62,360	1	62,360	62,360
9	C6	Directional Board (Six Sheets)	1	50,674	50,674	1	50,674	50,674	1	72,810	72,810	1	72,810	72,810
10	C7	Additional Panel (For Fixation on existing Foundation & Posts)	3	7,623	22,869	3	7,623	22,869	3	10,952	32,857	3	10,952	32,857
11	D1	Departmental Signage on Building	6	45,299	271,794	6	45,299	271,794	6	65,087	390,524	6	65,087	390,524
12	E1	External Map Boards	2	39,523	79,046	2	39,523	79,046	2	56,788	113,576	2	56,788	113,576
		<b>Internal Signage</b>	0	-	-	0	-	-	0	-	-	0	-	-
1	F1	Internal Hanging Signage (Main Entrance)	5	87,201	436,005	5	87,201	436,005	5	125,294	626,472	5	125,294	626,472
2	F2	Internal Hanging Signage (Main Entrance 2)	5	66,393	331,965	5	66,393	331,965	5	95,396	476,980	5	95,396	476,980
3	F3	Internal Hanging Signage (Corridor)	4	49,171	196,684	4	49,171	196,684	4	70,651	282,604	4	70,651	282,604
4	F4	Internal Hanging Signage (Corridor 2)	4	49,741	198,964	4	49,741	198,964	4	71,470	285,880	4	71,470	285,880
5	G1	Internal Department Signage on wall	7	12,577	88,039	7	12,577	88,039	7	18,071	126,498	7	18,071	126,498
6	H1	Specialist Name Plaques fixed on wall	20	3,615	72,300	20	3,615	72,300	20	5,194	103,880	20	5,194	103,880
7	J1	Room Name Plaques and Numbers fixed on wall	100	831	83,100	100	831	83,100	100	1,194	119,420	100	1,194	119,420
8	K1	Internal Wall Signage	100	1,365	136,500	100	1,365	136,500	100	1,961	196,140	100	1,961	196,140
9	L1	Room Numbers Fixed on Wall	50	3,465	173,250	50	3,465	173,250	50	4,978	248,920	50	4,978	248,920
10	M1	Advance Fire Exit Sign	10	1,763	17,630	10	1,763	17,630	10	2,534	25,340	10	2,534	25,340
11	M2	Fire Exit Sign Mounted Above the Door	10	1,220	12,200	10	1,220	12,200	10	1,753	17,528	10	1,753	17,528
12	N1	Fire Safety/Equipment Signage	20	2,336	46,720	20	2,336	46,720	20	3,357	67,144	20	3,357	67,144
13	P1	Floor Map Board	5	20,236	101,180	5	20,236	101,180	5	29,075	145,376	5	29,075	145,376
14	Q1	Caution Signage	25	2,085	52,125	25	2,085	52,125	25	2,996	74,900	25	2,996	74,900
15	Q2	Caution Signage	5	627	3,135	5	627	3,135	5	902	4,508	5	902	4,508
16	Q3	Caution Signage	10	1,097	10,970	10	1,097	10,970	10	1,576	15,764	10	1,576	15,764
17	Q4	Caution Signage	15	852	12,780	15	852	12,780	15	1,225	18,375	15	1,225	18,375
		<b>Total</b>			<b>2,885,803</b>			<b>2,885,803</b>			<b>4,146,482</b>			<b>4,146,482</b>
		Designing and Site Supervision			86,574			86,574			124,394			124,394
		<b>Grand Total</b>			<b>2,972,377</b>			<b>2,972,377</b>			<b>4,270,877</b>			<b>4,270,877</b>
					2.972			2.972			4.271			4.271

## DAY CARE CENTER

### Yard Stick as per Women Development Department

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

		Original			1st Revised			2nd Revised			3rd Revised		
Sr. No.	ITEMS	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total
51	Stand Number Rods	1	800	800	1	800	800	1	800	800	1	800	800

## DAY CARE CENTER

### Yard Stick as per Women Dvelopment Department

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

		Original			1st Revised			2nd Revised			3rd Revised		
Sr. No.	ITEMS	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total
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
	<b>TOTAL</b>			<b>1,600,000</b>			<b>1,600,000</b>			<b>1,600,000</b>			<b>1,600,000</b>
				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
	<b>Sub Total of HR Model</b>			<b>4,860,000</b>	<b>17,220,000</b>			<b>4,860,000</b>	<b>17,220,000</b>			<b>5,040,000</b>	<b>28,140,000</b>				<b>5,273,000</b>	<b>40,473,000</b>
					<b>17,220</b>				<b>17,220</b>				<b>28,140</b>					<b>40,473</b>
	<b>Utilization of HR Component</b>								<b>5,660</b>				<b>11,10</b>					
	<b>Total of HR Component</b>												<b>33.80</b>					<b>51.573</b>

## Janitorial Services

	Original			From 1st Revised to onward
Assumptions				In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under: <b>"It would be made sure by the P&amp;SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".</b>  In view of above, Outsourcing cost has been excluded from this PC-I.
Covered area excluding residential area	31,933	sft		
Covered area assigned to one sweeper	7,500	sft		
Number of sweepers required for covered area	4	Persons		
Road and ROW area	35,616	sft		
Road and ROW assigned to one sweeper	15,000	sft		
Number of sweepers required for road and ROW area	2	Persons		
Number of washroom blocks	11	blocks		
Number of washroom block assigned to one sweeper	3	Persons		
Number of sweepers required for total washroom blocks	4	Persons		
Total sweeper in morning shift	10	Persons		
Total number of sweepers in evening shift	4	Persons		
Total number of sweepers in night shift	5	Persons		
Total number of sweepers in all shifts	21	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	21	22,000	5,514,062	
Sewer men	3	22,000	792,000	
Supervisors	3	26,000	936,000	
Cost of Supply per Month		400,000	4,800,000	
Sub Total (Salary component)			12,042,062	
			12.042	



Security and Parking				
	Original		From 1st Revised to onward	
<b>Assumptions</b>				
Covered area excluding residences	31,933			
Covered Area per guard	15,000			
<b>Number of guards</b>	<b>2</b>			
Open area excluding parking area	35,616			
Area covered per guard per shift for open area excluding parking	15,000			
<b>Number of guards for total area excluding parking area</b>	<b>2</b>			
Number of gates	3			
<b>Number of guards at gates</b>	<b>6</b>			
<b>Total No of Guard</b>	<b>11</b>			
Total number of all guards for second shift	5			
<b>Lady Searcher</b>	<b>4</b>			
Number of parking areas	1			
Number of guards for parking lot per shift (Morning+ Evening)	10			
Total no. of Supervisors	2			
<b>Type of worker</b>	<b>No of workers</b>	<b>Salary per month</b>	<b>Salary per Month for all Person</b>	<b>Salary for One year</b>
Supervisors	2	24,675	49,350	592,200
Ex-Army	6	21,525	129,150	1,549,800
Civilian	9	21,000	189,000	2,268,000
Lady Searcher	4	21,525	86,100	1,033,200
Parking	2	21,525	43,050	516,600
<b>Sub total</b>				<b>5,959,800</b>
<b>Equipment cost</b>				
Lump sum Provision (Walk Through Gate=1, Metal Detector=4, Walkies Talkies=8, Base Set=1)				400,000
<b>Sub total</b>				<b>400,000</b>
<b>Subtracting Parking Fees</b>				500,000
<b>Total Security and Parking Services</b>				<b>5,859,800</b>
				<b>5.860</b>

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.

## Laundry Services

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

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

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

In view of above, Outsourcing cost has been excluded from this PC-I.

## Maintenance of Generator

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

# MEP

	Original				From 1st Revised to onward
Type of worker / Component	No of workers	Salary per month	Salary per Month for all persons	Salary for One Year	<p>In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&amp;D Board; it was inter alia decided as under:</p> <p><b>"It would be made sure by the P&amp;SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".</b></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	
<b>Total (Salary component)</b>			<b>217,000</b>	<b>2,604,000</b>	
	No.	Per Unit Cost per Year	Cost per Year for all Items	Cost for One Year	
A/C	66	6,665	439,890	439,890	
Fridge	5	4,000	20,000	20,000	
UPS	12	8,000	96,000	96,000	
Water Cooler	15	4,000	60,000	60,000	
Exhaust	7	3,000	21,000	21,000	
Geyser	15	4,000	60,000	60,000	
Water Pump	3	3,000	9,000	9,000	
Carpentry Work		-	180,000	180,000	
Electrical Work		-	120,000	120,000	
Plumbing Work		-	75,000	75,000	
<b>Sub Total</b>				<b>1,080,890</b>	
<b>General Total</b>				<b>3,684,890</b>	
				<b>3.685</b>	

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&amp;D Board; it was inter alia decided as under:</p> <p><b>"It would be made sure by the P&amp;SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".</b></p> <p>In view of above, Outsourcing cost has been excluded from this PC-I.</p>
Oxygen	Medical Oxygen Gas in 240 CFTCylinder (MM)	12	144	1850	266,400	
	Medical Oxygen Gas in 48 CFTCylinder (MF)	30	360	1,000	360,000	
	Medical Oxygen Gas in 24 CFTCylinder (ME)	40	480	800	384,000	
Nitrous Oxide	Nitrous Oxide in 1,620 Liter (XE)	2	24	5,000	120,000	
	Nitrous Oxide in 16,200 Liter (XM)	1	12	12,500	150,000	
Nitrogen Gas	Nitrogen Gas	1	12	2,000	24,000	
Total					1,304,400	
					1.304	

# Cafeteria

## Pre-Fabrication Cateen (Procurement)

		Original				From 1st Revised to onward
Sr. No.	Description of work	Unit	Qty	Rate (Rs)	Amount (Rs)	<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&amp;D Board; it was inter alia decided as under: "It would be made sure by the P&amp;SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".</p> <p>In view of above, Outsourcing cost has been excluded from this PC-I.</p>
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) for ordinary soil	Cft	2545	6.13	15,602	
2	Spraying anti-termite liquid mixed with water in the ratio of 1:40.	Sft	4305	2.21	9,514	
3	Supplying and filling sand of approved quality from outside sources under floors etc complete in all respects.	Cft	2268	15.62	35,426	
4	Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor and foundation, complete in all respects.	Cft	998	39.15	39,069	
5	Providing and laying damp proof course (1½" thick (40 mm) ) of cement concrete 1:2:4, with one coat bitumen and one coat polythene sheet 500gauge	Sft	318	43.34	13,789	
6	Brick work with cement, sand mortar ratio 1:5	Cft	1792	180.25	323,071	
7	Cement concrete plain Ratio 1: 4: 8 including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate)	Cft	427	170.72	72,893	
8	Cement concrete plain Ratio 1: 2 : 4 including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate)	Cft	1043	190.48	198,746	
9	Placing Granite tiles (24"x24"x0.5") using white cement over a bed of ¾" (20 mm) thick cement mortar 1:6.	Sft	2160	200.00	432,000	
10	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect.	Sft	720	118.00	84,960	
<b>Total Amount of Platform Construction</b>					<b>1,225,070</b>	
<b>Pre-Fabrication of Canteen Structure</b>						
11	Providing and fixing aluminium frame window with double glazed glass 6mm+6mm thick complete in all respect as approved by engineer	Sft	48	1100.00	52,800	
12	Providing and fixing aluminium frame door with single glazed glass 6mm thick complete in all respect as approved by engineer	Sft	56	700.00	39,200	
13	Fixing of frameless Glass wall of approved quality and design as approved by engineer	Sft	550	1500.00	825,000	
14	Providing Granite skirting or dado 4/8"(13 mm) thick including rounding of corner and straight ening of top edge and finishing to smooth surface afterplastering	Sft	491	212.00	104,177	

# Cafeteria

## Pre-Fabrication Cateen (Procurement)

		Original				From 1st Revised to onward
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	
	<b>Total Cost of Pre-Fabrication of Canteen Structure</b>				<b>3,307,052</b>	
	<b>Total Amount (Rs)</b>				<b>4,532,121</b>	
22	Electrification				998,735	
23	Plumbing and Sanitary				410,000	
24	Kitching Fixtures				802,000	
	<b>Grand Total Amount (Rs)</b>				<b>6,742,856</b>	

6.743

## LANDSCAPE DEVELOPMENT WORKS COST ESTIMATE

		Original				From 1st Revised to onward
Sr. No.	Description	Unit	Quantity	Unit Rate Rs.	Amount Rs.	<p>In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&amp;D Board; it was inter alia decided as under:</p> <p>"It would be made sure by the P&amp;SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".</p> <p>In view of above, Outsourcing cost has been excluded from this PC-I.</p>
1	<b>SOFT LANDSCAPE</b>					
1.1	<b>TOP SOIL</b>					
	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	9,184	20	183,680	
1.2	<b>STONE / PEBBLES</b>					
	Supply and laying a layer of pebbles/stone at specified locations with Landscape base as in Landscape Design approved by the Engineer.	Truck	1	34,375	34,375	
1.3	<b>GRASSING</b>					
a	<b>GRASSING (EXISTING NON MAINTANE LAWNS)</b>					
	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	25,361	7	177,527	
b	<b>GRASSING (NEW LAWNS)</b>					
	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	9,361	11.25	105,311	
1.4	<b>TREE / SHRUBS (SPREADING)</b>					
	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	242	1,500	363,000	
b	Trees 12" pot 3'-4' - Polyalthia Long folia, Terminally, Cassia Fistula, Bauhinia Variegated, Latonia Choirs, Delonix Regia, Ficus Yellow, Focus Black, fichus Starlight, Melaluca, Mimuspss, Pine, Ficus Amestal, Pilken, Palms etc.	No's	60	270	16,200	
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	400	600	240,000	
1.5	Shrubs and Ornamental Plants 10" pot Pittosporum Variegated, Murray Small, Ixora Coccinea, Juniper Varigated, Hibiscus Varigated, Carronda Dwarf Spp, Jasmine Sambac(Mottya), Leucophyllum Frutescens(Silvery), Rose, Nerium, Lantana, Canna, Asparagass, Conocarpus, Acalypha, Callistemon Dwarf, Cestrum, Thabernaemontara Variegated etc.	No's	31,500	69	2,173,500	
a	Shrubs and Ornamental Plants 12" pot Pittosporum Varigated, Ixora Cochineal, Juniper Variegated, Carronade Dwarf, Jasmine Thai, Plumier Robar, Cassia Malacca, Largest mea, Euphorbia, Jestrophia Thai etc.	No's	4,875	195	950,625	
1.6	<b>GROUND COVERS</b>					



## LANDSCAPE DEVELOPMENT WORKS COST ESTIMATE

		Original				From 1st Revised to onward
	Providing and planting ground covers as listed and as arrangement and type shown in the Drawings, in pits of size 150mm x 150mm x 150mm. Dug in improved soil 610mm deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer .					
	Ground Cover Plastic Bag Plants Alternant Hera, Dianella, Iresine (Red), Hemercolis(Daylily), Duranta etc	No's	25,000	12	300,000	
<b>1.7</b>	<b>PALMS</b>					
	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	12	3,675	44,100	
b	Palm 18" pot - Phoenix Palm, Cyrus Palm	No's	40	1,800	72,000	
<b>1.8</b>	<b>CREEPERS</b>					
	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	100	195	19,500	
<b>2</b>	<b>HARD LANDSCAPE</b>					
<b>2.1</b>	<b>WALK WAYS</b>					
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	2000	150	300,000	
<b>2.2</b>	<b>BENCHES</b>					
	Concrete Bench 5' wide complete in all respects and to the satisfaction of Engineer as per approved design.	No's	10	12,562	125,620	
<b>2.3</b>	<b>DUSTBINS</b>					
	Complete in all respects and to the satisfaction of Engineer as per approved design.	No's	8	23,675	189,400	
<b>2.4</b>	<b>PLAYING EQUIPMENTS</b>					
	Complete in all respects and to the satisfaction of Engineer as per approved design.	No's	1	465,760	465,760	
<b>2.5</b>	<b>PLANTERS</b>					
	Concrete planters 2' X 2-1/2' complete in all respects and to the satisfaction of Engineer as per approved design.	No's	7	3,850	26,950	
<b>2.6</b>	<b>WATER POINTS (Injector Pump 1HP)</b>	No's	3	45,000	135,000	
<b>3</b>	<b>SOFT LANDSCAPE MAINTENANCE</b> (Including maintenance and up keeping of site for 6 months) after development as per specifications and to the satisfaction of Engineer.	Sft	40,456	7.50	303,420	
<b>4</b>	<b>CONSTRUCTION OF PLANTERS</b>					
4.1	<b>Large Size</b> with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	100	550	55,000	
4.2	<b>Medium Size</b> with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	1,170	550	643,500	
4.3	<b>Small Size</b> with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	240	550	132,000	
<b>5</b>	<b>GAZEBO</b> 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	
	<b>Total Amount of - Landscaping</b>				<b>7,256,468</b>	
	<b>PRA(16%)</b>				<b>1,161,035</b>	
	<b>Design Consultancy</b>				<b>100,000</b>	
	<b>TPV (3%)</b>				<b>217,694</b>	
	<b>Grand Total</b>				<b>8,735,197</b>	
					<b>8.735</b>	

OFFICE OF THE EXECUTIVE ENGINEER

BUILDINGS DIVISION NANKANA SAHIB

AMMENDED ROUGH COST ESTIMATE FOR  
REVAMPING OF TEHSIL HEAD QUARTER  
HOSPITAL, SANGLA HILL,  
DISTRICT NANKANA SAHIB

Rs. 83.941 (M)

~~83.962~~

Rs. 82.861 (M)

PROVINCE	PUNJAB
STATION	NANKANA SAHIB
DIVISION	BUILDINGS DIVISION NANKANA SAHIB.
SUB DIVISION	BUILDINGS SUB DIVISION NANKANA SAHIB.
NAME OF WORK	AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL,, SANGLA HILL, DISTRICT NANKANA SAHIB
MAJOR HEAD	
MINOR HEAD	82.941 (PO) <del>82.962</del>
ESTIMATED COST	Rs. 82.861 (Million)

**ESTIMATE FRAME BY:**

BUILDINGS  
SAHIB

DIVISION

NANKANA

**NAME OF WORK:**

**AMMENDED      ROUGH      COST**  
**ESTIMATE FOR    REVAMPING OF**  
**TEHSIL HEAD QUARTER HOSPITAL**  
**SANGLA HILL DISTRICT NANKANA**  
**SAHIB.**

**HISTORY:**

Primary & Secondary Healthcare Department (P&SHD) has chalked out the most Tehsil Head Quarter Hospital Sangla Hill District Nankana Sahib has been chalked out by the Project Management Unit P&S Healthcare Department vide No. PMU/(P&SHD)/

**SCOPE OF WORK:**

The components of work incorporated in this Estimate are on the basis of the scope mentioned in the letter of the Project Management Unit P&S Healthcare Department No.

PMU\_\_\_\_/(P&SHD)/2020/731,

Dated

1	Main Building
2	Old Hospital Existing Building
3	Q.M.S HALL
4	Yellow Room
5	Mortuary
6	Burial Pit
7	Construction of volt room
8	Extension of lab, Electrification, Public Health & Sui Gas Work
9	External & Lawn Development -
10	Add; 3% Contingency
11	Add: 5% PST
12	Add Wapda Charges

**ROUGH COST ESTIMATE:**

The rough cost estimate amounting to <sup>82.887</sup>Rs. ~~82.861~~ (M) is being submitted for vetting from the o/o Chief Engineer Buildings Central Zone, Lahore.

**RATE:**

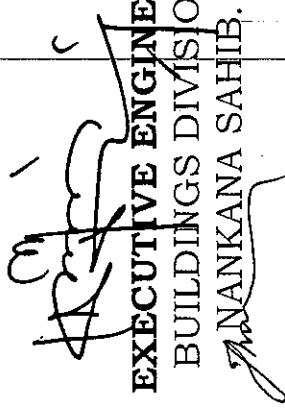
The rates given in the estimate are based on plinth area rates approved by the Chief Engineer Punjab Buildings Department (Central Zone) Lahore based on ~~2019~~ Bi-Annual (1<sup>st</sup> July 2022 to 31<sup>st</sup> Dec 2022) and Non-Schedule Rates are as per prevailing market rates.

**SPECIFICATION:**

The work will be executed as per Building Department standard specifications for execution of works

**EXECUTION:**

Work will be carried out through approved Government Contractor


  
**EXECUTIVE ENGINEER**  
BUILDINGS DIVISION  
NANKANA SAHIB.

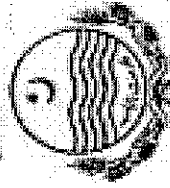
Sr. No.	Type of Building	Unit
1	NON-RESIDENTIAL BUILDINGS :	P.S.R.
2	SCHOOLS	P.S.R.
3	COLLEGES	P.S.R.
4	HOSPITALS	P.S.R.
5	MISC. BUILDINGS	P.S.R.
6	MULTI PURPOSE HALL WITH PRE-CAST / PRE-STRESSED RCC 2-T ROOF ON HALL [CEILING HEIGHT=23' M]	P.S.R.
7	RESIDENTIAL BUILDINGS :	P.S.R.
8	B.P.S. No. 1-10	P.S.R.
9	B.P.S. No. 11-14	P.S.R.
10	B.P.S. No. 15-17	P.S.R.
11	B.P.S. No. 18-19	P.S.R.
12	B.P.S. No. 20 & ABOVE	P.S.R.
13	COMPOUND WALL 4.5' thick & 6.0 ft. Height above Plinth Level	P.S.R.
14	BOUNDARY WALL 9" thick & 6.0 ft. Height above Plinth Level	P.R.H.
15	SECURITY WALL 9" thick & 6.0 ft. Height above Plinth Level	P.R.H.
16	INTERNAL PUBLIC HEALTH PORTION	P.S.R.
17	INTERNAL ELECTRIC INSTALLATION EXCEPT CYCLE STAND & GARAGES	P.S.R.
18	INTERNAL SUN GAS	P.S.R.
19	INTERNAL ELECTRIC INSTALLATION FOR CYCLE STAND & GARAGES	P.S.R.
20	ADDITIONS / REDUCTIONS IN PLINTH AREA RATES :	P.S.R.
21	ADD FOR EACH 1' N DEEPER FOUNDATION	P.S.R.
22	ADD FOR EACH 1' N ADDITIONAL HEIGHT ABOVE 17' N	P.S.R.
23	ADD FOR RIGGED RAFT FOUNDATION (Five Storeys).	P.S.R.
24	ADD FOR FLAT RAFT FOUNDATION (Five Storeys).	P.S.R.
25	ADD FOR BASEMENT (PROVISION FOR STEEL OF RCC RETAINING WALL ONLY)	P.S.R.
26	ADD FOR FRAME STRUCTURE FOR EACH FLOOR	P.S.R.
27	ADD FOR FOUNDATION FOR FIRST FLOOR AND SUBSEQUENT FLOORS	P.S.R.
28	REDUCE COST OF FOUNDATION FOR FIRST FLOOR AND SUBSEQUENT FLOORS	P.S.R.
29	ADD FOR FIRST FLOOR AND SUBSEQUENT FLOORS	P.S.R.
FAISALABAD		
T.T. SINGH		
JHANG		
SAHWAL		
OKARA		
PAYDATTAN		
KASUR		
SHEKHUPURA		
NANKANA SAHIB		
LAHORE		
UNIT		

1. These rates are prepared on the basis of standard drawings / improved specifications, normal bearing capacity 0.75 Tst, normal plinth level 4-ft above ground level and foundation 3ft deep from NSL.

- iii. The rates for mild steel reinforcement are based on local bill.
- iv. The boundary wall of 4'0" height is with RCC column at 9' c/c 12"x9" & plain beam 12"x5" with RCC coping as per design provided by the Director P&O.
- v. Rates at serial No.4 are inclusive of 2" thick high density Polystyrene XPS board to be installed on roof for insulation.
- vi. The 1st floor area rates are inclusive of cartage for crushed stone aggregate/bajri from approved quarry to the site of work.
- vii. Improved Specifications include following for all Residential / Non-Residential Building as follows:-
- Roofing with Windows, Solid Wooden Doors, Potcelain Tiles / Marble Tiles / Mosaic Tiles for floors with matching Skirting, Ceramic Tiles for all Residential / Non-Residential Buildings as follows:-
- a) Mosaic tiles 12"x12"x1" for Residence Grade 11-14.
- b) Viny Emission for Residence Grade 11-14.
- c) Stainless Steel Railing for Residences Grade 15-17, 18-19 and 20 & Above.
- d) Solid Flush Doors in Residences Grade 11-10, 11-14 & 15-17.
- e) Plastic Emulsion for external surface, Westward Shaded Paint & Cement Plaster for internal surface, Bosch / Hilti Electrical

CHIEF DRAFTSMAN  
for Chief Engineer (Central Zone)  
Punjab Buildings Department Lahore

Plaster for exterior surface, Bosch / Hilti Electric  
  
 DEPUTY DIRECTOR-II  
 for Chief Engineer (Central Zone)  
 Punjab Buildings Department  
 Lahore



Primary & Secondary  
Healthcare Department

GOVERNMENT OF THE PUNJAB  
Dated Lahore the 13 - 07 - 2021

**ORDER**

**No. POID-III-237/2021:** Consequent upon the decision of Departmental Development Sub Committee (DDSC), held on 30.07.2020, the Governor of the Punjab is pleased to accord a 2<sup>nd</sup> Revised Administrative Approval of 15 sub-schemes under block scheme titled "Programme for Revamping of all THQ Hospitals in Punjab" at a cost mentioned against each scheme, with gestation period upto 30-06-2023.

Sr. No.	Hospital	Capital Component	Revenue Component	Total Cost
1.	Revamping of THQ Hospital Jaranwala District Faisalabad	40.494	227.555	268.049
2.	Revamping of THQ Hospital Samundhi District Faisalabad	39.531	198.048	238.579
3.	Revamping of THQ Hospital Tandlianwala District Faisalabad	38.500	165.394	203.894
4.	Revamping of THQ Hospital Wazirabad District Gujranwala	31.882	208.283	240.165
5.	Revamping of THQ Hospital Mankera District Bhakkar	29.664	200.283	229.957
6.	Revamping of THQ Hospital Kalurkot District Bhakkar	45.004	164.078	209.082
7.	Revamping of THQ Hospital Jand District Attock	50.854	204.420	255.274
8.	Revamping of THQ Hospital Piplan District Mianwali	39.298	197.057	236.355
9.	Revamping of THQ Hospital Raynala District Okara	37.334	210.727	248.062
10.	Revamping of THQ Hospital Haveli Lakha District Okara	41.435	195.674	237.109
11.	Revamping of THQ Hospital Malakwal District Mandi Bahauddin	18.420	203.788	222.207
12.	Revamping of THQ Hospital Phala District Mandi Bahauddin	60.909	230.001	290.910
13.	Revamping of THQ Hospital Sangia Hill District Nankana	39.913	196.133	236.046
14.	Revamping of THQ Hospital Pattoki District Kasur	47.834	208.618	256.452
15.	Revamping of THQ Hospital Chunnian District Kasur	29.650	208.074	237.724

T.H.Q Sangla Hill		IDENTIFICATION OF SCOPE FOR REVAMPING OF HEALTH FACILITY		Visit Date: 02/08/2022			
Sr No	Item	OPD	OMS Hall	Diagonastic Block	Wards	Old RHC Building	Remarks
1	Porcelain Floor Tile replacement	Full Body Porcelain tiles needs to be laid on floor by dismantling existing terrazo/Damaged tile flooring by laying new PCC floor by laying new PCC layer of specified thickness wherever required.(Retain good condition tile flooring.)	Full Body Porcelain tiles needs to be laid on floor by dismantling existing terrazo/Damaged tile flooring by laying new PCC layer of specified thickness wherever required.(Retain good condition tile flooring.)	Full Body Porcelain tiles needs to be laid on floor by dismantling existing terrazo/Damaged tile flooring by laying new PCC layer of specified thickness wherever required.(Retain good condition tile flooring.)	Full Body Porcelain tiles needs to be laid on floor by dismantling existing terrazo/Damaged tile flooring by laying new PCC layer of specified thickness wherever required.(Retain good condition tile flooring.)	Full Body Porcelain tiles needs to be laid on floor by dismantling existing terrazo/Damaged tile flooring by laying new PCC layer of specified thickness wherever required.(Retain good condition tile flooring.)	Tiles specifications, brand, size and installation will be as per specified C&W standards.
2	Porcelain Wall Tile replacement	Full Body Porcelain tiles needs to be laid on walls on fresh plaster by dismantling old existing terrazo dado/skirting in room and corridors/ wherever missing.	Full Body Porcelain tiles needs to be laid on walls on fresh plaster by dismantling old existing terrazo dado/skirting in room and corridors/missing dado.	Full Body Porcelain tiles needs to be laid on walls on fresh plaster by dismantling old existing terrazo dado/skirting in room and corridors/missing dado.	Full Body Porcelain tiles needs to be laid on walls on fresh plaster by dismantling old existing terrazo dado/skirting in room and corridors/missing dado.	Full Body Porcelain tiles needs to be laid on walls on fresh plaster by dismantling old existing terrazo dado/skirting in room and corridors/missing dado.	Tiles specifications, brand, size and installation will be as per specified C&W standards.
3	Wooden Doors flush or Solid/ Main Doors	Forge MS panel door to be fixed on outer side.	All doors need to be replaced with ash ply with grooves, flush doors i/c dolly frame MS chowkats.	All doors need to be replaced with ash ply with grooves, flush doors i/c dolly frame MS chowkats.	All doors need to be replaced with ash ply with grooves, flush doors i/c dolly frame MS chowkats.	All doors need to be replaced with ash ply with grooves, flush doors i/c dolly frame MS chowkats.	Specifications, wood/type of door, polish, door locks and handles will be as per specified C&W standards.
4	Verandah opening (opening to open area)/ MS Windows on Façade				All verandah openings be fly proofed with double jali and angle iron frame with ash white paint.		Specifications will be as per C&W standards.
5	Existing Internal Windows	All old MS internal windows need to be replaced with Aluminum Windows , safety grill with marble sill.	All old MS internal windows need to be replaced with Aluminum Windows , safety grill with marble sill.	All old MS internal windows need to be replaced with Aluminum Windows , safety grill with marble sill.	All old MS internal windows need to be replaced with Aluminum Windows , safety grill with marble sill.	All old MS internal windows need to be replaced with Aluminum Windows , safety grill with marble sill.	Specifications, Aluminum and glass color will be as per specified C&W Standards
6	Internal Corridors.				removed from walls and addressed rectified along with roof structure treatment with chemicals where roof steel bars are exposed.	removed from walls and addressed rectified along with roof structure treatment with chemicals where roof steel bars are exposed.	



T.H.Q Sangla Hill					IDENTIFICATION OF SCOPE FOR REVAMPING OF HEALTH FACILITY		Visit Date: 02/08/2022
Sr No	Item	OPD	QMS Hall.	Diagonastic Block.	Wards	Old Rt.C Building.	Remarks
7	Internal Electric fittings	Make all Electric/ CCTV/ networking wiring concealed. All Electric fittings including switch boards, plates, sockets, should be replaced and installed at standard height from Finish Floor level and all must be identical.	Make all Electric/ CCTV/ networking wiring concealed. All Electric fittings including switch boards, plates, sockets, should be replaced and installed at standard height from Finish Floor level and all must be identical.	Make all Electric/ CCTV/ Electric fittings including switch boards, plates, sockets, should be replaced and installed at standard height from Finish Floor level and all must be identical.	All Electric fittings including switch boards, plates, sockets, should be replaced and installed at standard height from Finish Floor level and all must be identical.	All Electric fittings including switch boards, plates, sockets, should be replaced and installed at standard height from Finish Floor level and all must be identical.	Model Specifications/ Brands, should be as per specified C&W Standards.
8	Internal Lighting Fixtures	All corridors and rooms should lit with SMD's with concealed wiring.	All corridors and rooms should lit with SMD's with concealed wiring.	All corridors and rooms should lit with SMD's with concealed wiring.	All corridors and rooms should lit with SMD's with concealed wiring.	All corridors and rooms should lit with SMD's with concealed wiring.	Model Specifications/ Brands and distance should be as per specified C&W Standards.
9	Revamping of Public Toilets	All washrooms need to be revamped completely by fixing full body porcelain tiles on floor and full body porcelain tiles on wall up to a minimum height of 7 ft. All existing fixtures should be replaced with new fixtures along with new water supply and sewerage connections.	All washrooms need to be revamped completely by fixing full body porcelain tiles on floor and full body porcelain tiles on wall up to a minimum height of 7 ft. All existing fixtures should be replaced with new fixtures along with new water supply and sewerage connections.	All washrooms need to be revamped completely by fixing full body porcelain tiles on floor and full body porcelain tiles on wall up to a minimum height of 7 ft. All existing fixtures should be replaced with new fixtures along with new water supply and sewerage connections.	All washrooms need to be revamped completely by fixing full body porcelain tiles on floor and full body porcelain tiles on wall up to a minimum height of 7 ft. All existing fixtures should be replaced with new fixtures along with new water supply and sewerage connections.	All washrooms need to be revamped completely by fixing full body porcelain tiles on floor and full body porcelain tiles on wall up to a minimum height of 7 ft. All existing fixtures should be replaced with new fixtures along with new water supply and sewerage connections.	Vanity, wash basin, water closets, bath room accessories, tile size and color will be as per specified C&W standards. All Washroom doors should be replaced with UPVC doors having specified C&W Standards.
10	Wall Paint	Surface of walls of all Blocks should be prepared after plastering in patches (where required only) and wall Putty prior to paint works.	Surface of walls of all Blocks should be prepared after plastering in patches (where required only) and wall Putty prior to paint works.	Surface of walls of all Blocks should be prepared after plastering in patches (where required only) and wall Putty prior to paint works.	Surface of walls of all Blocks should be prepared after plastering in patches (where required only) and wall Putty prior to paint works.	Surface of walls of all Blocks should be prepared after plastering in patches (where required only) and wall Putty prior to paint works.	Plaster Cement Ratio, wall putty brand specifications, brand and color will be as per C&W standards.
11	Kitchen counter						
12	Registration/ Lab Counter	develop registration counters in New Lobby in front of QMS hall.	develop a double level registration counters in QMS hall.	Provide marble on lab counter with proper nosing and 36" high.	develop a double level nursing counters at the place of nursing stations with view windows.	develop a double level nursing counters at the place of nursing stations with view windows.	Marble/Granite type and installation technique will be as per C&W Standards.
13	Stairs - Marble and Railing						

T.H.Q Sanglia Hill		Visit Date: 02/08/2022	
IDENTIFICATION OF SCOPE FOR REVAMPING OF HEALTH FACILITY			
Sr No	Item	OPD	QMS Hall,
14	Ramps - Tile and Railing	Chqured tile required on main entrance ramp.	Develop a podium on back side patient entry Chequred tile required on main entrance ramp.
15	Facade Uplifting		
16	Lead lining Walls (X-Ray)		
17	Antimicrobial Treatment (OTs)		Required in OT room.
18	External Weather Shield	External weather shield of first class quality needs to be done on the Left and back Elevation only.	External weather shield of first class quality needs to be done on the Left and back Elevation only.
19	Edge Protection/Aluminium Cladding	SS Edge Protection needs to be fixed on all corners up to height of 6 ft. till the height of Wall/Dado tiles.	SS Edge Protection needs to be fixed on all corners up to height of 6 ft. till the height of Wall/Dado tiles.
20	Columns SS Cladding		
21	Bed Head Units (Wards)		
22	Fire Alarm System		
23	Elevators		
24	Expansion joint of Building		
25	Elevators		
<b>Note:-</b>			
1	Develop 7' wide podium in front of main entrance door at the level of internal floor level to avoide sudden step down from main door along with ramp from right side and dismanthe the existing ramp in the center of main		
2	Provide hydraulic floor hinges to all aluminium doors.		
3	Make proper arrangements of Electric points, drainage and condensate pipe for air-conditioners.		
4	Close the ventilators in rooms.		
5	Lower down the sill level of windows in washrooms wherever high.		
6	Extend laboratory by removing two partitions walls of toilets.		
7	Shift nursing counter in wards to linen store by making view windows in both the wards.		
8	Shift the main Electric cable on front side to under ground trench before laying of tiles and all the cables on roof be shifted into corridors.		
9	Develop a link corridor between diagnostic block, QMS hall and Pharmacy waiting.		
10	Remove shelf and two service windows in ECG room.		
11	Make access approach road from main gate to QMS hall entry by dismantling a podium /ramp on a side entry.		
12	Make the main cable laying on floor near entrance door of medicine store under ground.		
13	Make independent door in the rear corridor of labor room to avoid direct access to neat area of OT.		
14	Shift the partition door in corridor of OT area before the main entrance of OT room in order to check the red line/Neat area and remove the partition wall of doctor room and change room to develop proper recovery room.		
15	Close the windows in OT room.		
16	Make terrazo floor on approach road from main OPD to old RHC block in place of damaged tuff tile path.		
17	After revamping of wards in old RHC building , shift the dialysis units there.		
18	Emergency wards be developed in place of dialysis ward		

AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER  
HOSPITAL, SANGLA HILL, DISTRICT NANKANA SAHIB

Sr. No.	Descriptions of Items.	As Per Approved Rough Cost Estimate 1st BI Annual 2021 <i>but Not Allocated</i>	As Per Amended Rough Cost Estimate 1st BI Annual (1st July 2022 to 31st Dec 2022).	Excess	Saving	Remarks
1	2	7	10	11	12	13
1	Main Building <i>o.p.</i>	14371434	<i>37886639</i> 38439192	<i>2351205</i> 24067158	-	
2	Old Hospital Existing Building RHC	8672498	<i>11533603</i> <del>10690522</del>	<i>9861105</i> <del>2017824</del>	-	
3	Emergency Block	2626469	0	-	2626469	
4	Yellow Room	170951	264130	93179	-	
5	Mortuary	399933	489164	89231	-	
6	Burial Pit	290136	772880	482744	-	
7	Facade Renovation	714446	0	-	714446	
8	Fire Fighting	852900	0	-	852900	
9	Filtration Plant	35811	0	-	35811	
10	Toilet Renovation	481456	0	-	481456	
11	Construction of Volt Room With Main Panels with Main Supply Cable and 100 KVA Transformer	6580930	<i>19574460</i> <del>16394556</del>	<i>12993530</i> <del>9813626</del>	-	
12	QMS	0	1955270	1955270	-	

TECHNICALLY VETTED

For Rs. 83.941 (M) (Million)

Ruppes Fifty three point nine four one million only

Chief Engineer  
Punjab Buildings Dept.  
Control Zone Lahore.

Deputy Engineer  
Punjab Buildings Dept.  
Control Zone Lahore.

Chief Engineer  
Punjab Buildings Dept.  
Control Zone Lahore.

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S/E

*[Handwritten signature]*  
Executive Engineer Buildings  
Division Nankana Sahib

*[Handwritten signature]*  
SUPERINTENDING ENGINEER  
BUILDINGS CIRCLE NO.3  
Lahore

Sub Divisional Officer Buildings Sub Division Shahkot		83.941		49.520 5492		44.048	
Total In Million		39.914	82.864	47.659	47.71		
Total	39913959	8394140	8286430	47658661	4711082	549207	
Add 5% P.S.T	1847841	3782926	3782926	1935085	1883632		
Add Wapda Charges	0	4500000	4500000	4500000			
Total	38065518	75658515	74629463	47273029	4711082	549207	
Add 3% Contingency	1108704	9203646	223623	1094942	1061969		
Total	36956813	73454869	72455789	46210059	4711082	549207	
Add 5% External Development Charges On Rs.	1759848	978723	9430270	1690427		781125	
TOTAL	35196964	72476146	69005514	38519632	4711082		

**AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF  
TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL,  
DISTRICT NANKANA SAHIB**

[illegible]

AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF  
TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT  
NANKANA SAHIB

MAIN BUILDING

(ABSTRACT OF COST)

S. No	Descriptions	Amount
2	Revamping of Main P. Hospital Sangla Hill i) Buildings Portion.	Rs. 29652020
ii)	Main Panels and ATS	Rs. 8787172
Total		Rs. 38439192

29299467

37906208

Sub Divisional Officer,  
Buildings Sub Division,  
Shahkot.

Executive Engineer,  
Buildings Division,  
Nankana Sahib.

AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF  
TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT  
NANKANA SAHIB

MAIN BUILDING

(ABSTRACT OF COST)

S. No	Descriptions	Amount
1	Revamping of Main Building as per C.A drawing T.H.Q Hospital Sangla Hill	14620169
i)	OPD Block	14674779 17886978 6743927 672169
ii)	DIAGNOSTIC BLOCK	8787172 6745603 7805098 8016125
iii)	OUT DOOR BLOCK	38526288 37886639
iv)	Main Panels and ATS	37886639
	Total	41405878

Sub Divisional Officer,  
Buildings Sub Division,  
Shahkot.

27/9/24

**SATIB**

S.No	Description	As Per Approved A.A				As Per Amended Rough Cost Estimate				Remarks
		Unit	Qty	Rate	Amount	Unit	Qty	Rate	Amount	
1	Petty repair to main rooms.					Each	20	1118.7	22374	22374
2	Petty repair to small rooms.					Each	10	559.30	5593	5593
3	Petty repair to verandah.					Each	15	1063.65	15955	15955
4	Dismantling Brick work cement or lime mortar.					Each	11	4317.45	474	474
5	Pucca Brick Work 1:5 in Other Than Buildings up to 10' Height					% CR	107	33666.1	36107	36107
6	Dry Rammend Brick or stone ballast 1-1/2" to 2" gauge					% CR	150	9353.5	14065	14065
7	P/L plain Cement concrete (1:2:4) using course sand and washed aggregate) i/c placing compacting					% CR	35	38205.3	13503	13503
8	Providing and laying 3/4" thick full width prepolished Marble slab for Vanities / Shelves / Reads 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, cutting, grinding and chemical polishing complete in all respects as approved and directed by the Engineer Incharge.					% CR	35	38205.3	13503	13503
9	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 respects as approved and directed by the Engineer Incharge. 3/4" thick (12"x24"/12"x36")					P.SR	47	368.75	17423	17423
10	Providing and laying 3/8" thick Prepolished Marble skirting / Doors 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 respects i/c the cost of matching sealer to finish the joints as approved and directed by the Engineer Incharge. China verona					P.SR	47	368.75	17423	17423
11	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) 300mmx500mm					P.SR	21	204.65	4298	4298
12	Dismantling cement concrete 1:2:4 Plain					P.SR	120	211.6	25392	25392
13	P/L plain Cement concrete (1:2:4) using course sand and washed aggregate) i/c placing compacting					% CR	542	11174.6	60570	60570
14	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 600mmx 600 mm					% CR	542	38205.3	207086	153680
15	Providing and laying superb quality Porcelain glazed tiles of Master brand skirting /ado 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. 600mm x600 mm					P.SR	4304	340.6	1466017	971337



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S.No	Description												As Per Approved A.A				As Per Amended Rough Cost Estimate			
				Unit	Qty	Rate	Amount		Unit	Qty	Rate	Amount	Excess	Saving	Remarks					
50	E.I	P/R fiber glass sun shade in the front of hospitals opening complete with all respect as approved by	1	Each	22	14400	316800													
51		Providing and fixing 22-SWG /12X12 G.I wire mesh and expanded metal (diamond hole shape) 5mm thick duly fixed with M.S plate 1"x1/8" on M.S angle iron frame 1 1/2"x1 1/2"x3/16" and braces @ 2 ft C/c horizontally & vertically i/c the cost of matt paint as approved & directed by the Engineer Incharge							P SR	990	344	340560	340560	316800						
	Total						4145055					14827556	14827556	14953169						
		D/d cost of old Windows L-S										14827556	14827556	14953169						
									Each	37		333000	333000							
							</													

~~Sub Divisional Officer~~  
~~Buildings Sub Division Shahkot~~

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# AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA SAHIB

## OPD / Indoor Block

S.No	Description	Unit	Qty	Rate	Amount	Remarks
1	Petty repair to main rooms.	Each	20	1118.7	22374	
2	Petty repair to small rooms.	Each	10	559.30	5593	
3	Petty repair to verandah.	Each	15	1063.65	15955	
4	Dismantling Brick work cement or lime mortar.	% Ch	11	4317.45	474	
5	Pacca Brick Work 1:5 in Other Than Buildings up to 10' Height	% Ch	107	33666.1	36107	
6	Dry Rammed Brick or stone ballast 1-1/2" to 2" gauge	% Ch	150	9353.5	14065	
7	P/L plain Cement concrete (1:2:4) using coarse sand and washed aggregate) i/c placing compacting	% Ch	35	38205.3	13503	
8	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.	P.SH	20	412.35	8389	
9	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.3/4" thick (12"x24"/12"x36")	P.SH	47	368.75	17423	
10	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. China Verona	P.SH	21	204.65	4298	
11	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	P.SH	120	211.6	25392	

S.No	Description	Unit	Qty	Rate	Amount	Remarks
12	Dismantling cement concrete 1:2:4 Plain	% CH	542	11174.6	60570	
13	P/L plain Cement concrete (1:2:4) using course sand and washed aggregate) i/c placing compacting curing finishing complete in all respect.	% CH	542	38205.3	207086	
14	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.600mmx 600 mm	P SFt	4304	340.6	1466017	
15	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.600mm x600 mm	P SFt	9643	340.6	3284406	
16	Cement Pointing deep struck joints on walls with red oxide pigment 1:2 ratio	% SFt	7414	4171.9	309310	
17	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 new surface two coats on old surface after scraping	% SFt	32000	4612.8	1476082	
18	Preparing of surface with wall putty emulsion two coats on old surface after Scraping Ordinary distemper, oil bound distemper, or paint of wall.	% SFt	70599	3924.88	2770926	
19	Preparing surface and painting to door and windows any type 3 coats on new surface.	% SFt	1098	2714.8	29809	
20	S/E of SMD light 2' x 2' 40-Watts best quality. complete in all respects and as approved by the Engineer Incharge.	Each	50	8520	426000	
21	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.	P.Rft	688	210	144480	
22	Removing door with chowkat.	Each	26	438	11388	
23	Providing and fixing 2.5mm thick Deodar/Ash/ Oak wood ply best quality as approved by Engineer Incharge.		1076	566.30	545377	
24	Providing and fixing ornamental wooden architrave 3" x (1 1/2" tapered to 1/4") all along the door frame complete in all respect. Deodar wood architrave	P SFt	4304	86	370123	
25	Removing windows and sky lights with chowkat.	Each	37	341.5	12636	

S.No	Description	Unit	Qty	Rate	Amount	Remarks
26	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. 3/8" Squar Bars	P Sft	1038	854.2	886233	
27	Providing and Fixing Aluminum Fly screen comprising of Fiber /Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6 mm thick with rubber gasket i/c cost of Hard wares as approved and directed by the engineer incharge. complete in all respect.	P Sft	519	493.05	255770	
28	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using deluxe sections of approved manufacturer having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x1/2"), 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.	P Sft	1038	1348.4	1398965	
29	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. China Verona	P Sft	299	412.35	123086	
30	Removing door with chowkat. Toilets	Each	13	438	5694	
31	Providing and fixing Operable 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 hardware, hinges, four bolt and cutting changes on approved & directed by the Engineer Incharge	P Sft	232	1169.35	261662	82552
32	Dismantling glazed or encaustic tiles, etc. Toilets	% Sft	522	2335.85	12202	
33	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.	P Sft	522	240	125370	
34	Dismantling glazed or encaustic tiles, etc.	% Sft	2076	2335.85	48481	
35	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.	P Sft	2076	240	498120	

S.No	Description	Unit	Qty	Rate	Amount	Remarks
36	Dismantling PCC 1:2:4 plain					
37	Dismantling brick work cement or lime mortar	100	18	11174.6	2037	
38	Providing and fixing heavy duty 3mm thick SS Plate, die-cast metal auto matic hydraulic operated door stopper (Concealed floor hinges) embedded in floor i/c the cost of Top pivot hinge,hardware,cutting off floor and making it good complete in all respect as approved and directed by the Engineer Incharge.	1	10	5572	55720	
39	Pacca Brick Work 1:4 in Other then Buildings upto 10' Height	100	26	34619.5	9088	
40	1/2" cement sand plaster 1:4 upto 20' height	100	153	3248.1	4974	
41	Rcc in roof-slab-beams-column-lintel-girders-slab-and-other-structural-members-etc-complete nominal mix 1:2:4 ratio	1	17	556.5	9497	
42	Fabrication of mild steel reinforcement i/c cutting bending laying in position i/c cost of binding wire and labour charges deformed bars. 40 Grade	100	52	31381.2	16398	
43	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. China Verona	1	734	412.35	302820	
44	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 4" dia (100 mm)	1	70	326.1	22827	
45	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 3" dia	1	42	291.6	12247	
46	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.	1	10	469.95	4700	
47	Providing and fixing 22-SWG /12X12 G.I wire mesh and expanded metal (diamond hole shape) 5mm thick duly fixed with M.S pati 1"x1/8" on M.S angle iron frame 1 1/2"x1 1/2"x3/16" and braces @ 2 ft C/c horizontally & vertically i/c the cost of matt paint as approved & directed by the Engineer Incharge	1	990	344	340560	

S.No	Description	Unit	Qty	Rate	Amount	Remarks
1	Excavation in Foundation for buildings bridges and other structure, i/c dag-belling dressing refilling around structure with excavated earth, watering and ramming lead upto one chain and lift upto 5ft in ordinary soil.	1000	989	10,677.78	10557	
2	Cement-concrete brick or stone ballast 1 1/2 " to 2" (40 mm to 50 mm) gauge, in foundation and plinth.	100	235	20,120.65	4728	
3	Pacca brick work (1:6) cement mortar in foundation and plinth.	100	681	31,864.95	217135	
4	Providing and laying damp proof course of cement concrete 1:2:4 (using cement, sand and shingle), including bitumen coating with one coat bitumen and one coat polythene sheet 500 gauge 1 1/2 " thick (40 mm).	100	196	8,663.15	16980	
5	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating with one coat of bitumen and one coat of polythene sheet Ratio 1:4 1/2 " thick (13 mm).	100	175	5,505.25	9607	
6	Filling, watering ramming earth under floor with surplus earth from foundation.	1000	659	5,090.45	3355	
7	Filling, watering, ramming earth under floor with new earth excavated from out side lead upto 2- miles.	1000	1036	18484.85	19153	
8	Pacca brick work (1:6) cement mortar in Ground Floor.	100	808	34,048.75	401052	
9	Reinforced cement concrete in roof slab, beams, columns and other structural members etc, requiring form work (i.e. horizontal shuttering) complete in all respects Type C (nominal mix 1:2:4)	1	384	556.5	213696	
10	Reinforced cement concrete in roof slab, beams, columns and other structural members etc, requiring form work (i.e. horizontal shuttering) complete in all respects Type C (nominal mix 1:2:4)	1	52	556.5	185682	
11	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 40 grade.	100	1183	31381.2	371181	
12	Cement-plaster 1/2" (13 mm) thick 1:4 upto 20' (6.00 m) height with bitumen coating and polythene sheet 500 gauge under bearing of roof slab.	100	98	5340.4	5242	
13	Cement plaster 3/8" (10 mm) thick 1:3 cement sand mortar under soffit of R.C.C. roof slabs only, upto 20' height.	100	663	3,710.10	24591	
14	Cement plaster 1:5 upto 20' (6.00 mm) height 1/2" (13 mm) thick.	100	1748	3,099.30	54160	

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S.No	Description	Unit	Qty	Rate	Amount	Remarks
15	Supplying and filling sand under floors or plugging in wells.					
16	Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.	% Ch	285	3,003.30	8565	
17	Providing and laying conglomerate flooring (two coat work) with top layer of ½"(13mm) thick wearing surface, consisting of one part of cement and 2 parts of stone chips passing 3/16"(6 mm) sieve, over bottom layer of cement concrete 1:3:6, including surface finishing and dividing in panels i/c rubbing and polishing floor, repairing voids uneven surface, complete in all respects. 1½"(40 mm)	% Ch	285	9,749.40	27803	
18	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 ¾" 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.	% SR	269	7,592.90	20425	
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 ¾" 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.	P SR	658	340.6	224157	
20	P/L plain Cement concrete (1:2:4) using course sand and washed aggregate) i/c placing compacting curing finishing complete in all respect.	P SR	472	340.6	160763	
21	Single layer of tiles 9"x4½"x1½" (225x113x40 mm) laid over 4"(100 mm) earth and 1" (25 mm) mud plaster without Bhooa, 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 over polythene sheet 500 gauge (.005" thick).	P RH	83	38205.3	31653	
22	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 4" dia (100 mm)	% SR	743	12174.45	90402	
		P RH	28	326.1	9131	

S.No	Description	Unit	Qty	Rate	Amount	Remarks
23	Cast iron rain water downpipe-fixed in position, excluding heads and shoes, but including painting and clamps, 3" dia	P.Rft	28	291.6	8165	
24	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.	Each	12	469.95	5639	
				Total	17148987	
				9000	17388114	
	D/d cost of old Windows L-S	37		333000		
			Total	333000		
			Total	17886978		

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Sub Divisional Officer  
Buildings Sub Division Shahkot

**AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL  
HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA  
SAHIB**

**( OPD / INDOOR BLOCK )  
( BUILDINGS PORTION )**

S.No	Description	Nos	Length	Breadth	Depth	Qty
1	Petty repair to main rooms.	20				20 No's
2	Petty repair to small rooms.	10			Total	20 No's
3	Petty repair to verandah.	15			Total	10 No's 10 No's
4	Dismantling Brick work cement or lime mortar.				Total	15 No's 15 No's
5	Pacca Brick Work 1:5 in Other Than Buildings up to 10' Height					
	Podium					
	Front Step	1	19.5	0.75	0.75	11 Cft
					Total	11 Cft
	Podium					
	Sides	2	7.75	0.75	1	12 Cft
	Front	1	19.5	0.75	1	15 Cft
	Steps	1	21	3	0.5	32 Cft
	Steps	1	21	2	0.5	21 Cft
	Steps	1	21	1	0.5	11 Cft
	Ramps	4	8	0.75	0.75	18 Cft
					Total	107 Cft
6	Dry Rammed Brick or stone ballast 1-1/2" to 2" gauge					
	Podium					
	Plate Form	1	19.5	7	0.75	102 Cft
	Ramps	2	8	6	0.5	48 Cft
					Total	150 Cft
7	P/L plain Cement concrete (1:2:4) using coarse sand and washed aggregate) i/c placing compacting curing finishing complete in all respect.					
	Podium					
	Sides	1	21	7.75	0.125	20 Cft
	Ramps	2	8	7.5	0.125	15 Cft
					Total	35 Cft

S.No	Description	Nos	Length	Breadth	Depth	Qty
8	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.					
	<b>Podium</b>					
	Plate Form	1	21	7.75	0.125	20 Cft
					<b>Total</b>	<b>20 Cft</b>
9	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. 3/4" thick (12"x24"/12"x36")					
	<b>Podium</b>					
	Steps	2	21	1.125		47 Sft
					<b>Total</b>	<b>47 Sft</b>
10	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. China verona					
	<b>Podium</b>					
	Steps	2	21	0.5		21 Sft
					<b>Total</b>	<b>21 Sft</b>
11	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					
	<b>Podium</b>					
	Ramps	2	7.5	8		120 Sft
					<b>Total</b>	<b>120 Sft</b>
12	Dismantling cement concrete 1:2:4 Plain					
	<b>Floors INDOOR Block</b>					
	M Super. <i>Green Colour</i>	1	16	14	0.125	28 Cft
	tribb <i>Sub</i>	1	12	14	0.125	21 Cft
	Dispensary	1	12	14	0.125	21 Cft
	Waiting	1	15.25	14	0.125	27 Cft
	Admin officer	1	15.625	14	0.125	27 Cft
	Medical store	1	12.5	14	0.125	22 Cft

S.No	Description	Nos	Length	Breadth	Depth	Qty
✓	Male Medical	1	12	14	0.125	21 Cft
✓	Treatment/World food	2	10	14	0.125	35 Cft
✓	Waiting male	1	13.75	14	0.125	24 Cft
✓	Gynaecologist	1	12	14	0.125	21 Cft
✓	W.M.O	1	15	14	0.125	26 Cft
✓	Demonstration	1	11	13.625	0.125	19 Cft
✓	Waiting female	1	18	13.625	0.125	31 Cft
✓	Dental surg:	1	17.75	13.625	0.125	30 Cft
✓	Lady Health	1	11	13.625	0.125	19 Cft
✓	Spec./Dispen./Homoe	4	12	13.625	0.125	82 Cft
✓	Emergency ward	1	16	13.625	0.125	27 Cft
✓	Dispensary	1	14	13.625	0.125	24 Cft
✓	Treatment	1	8	13.625	0.125	14 Cft
✓	Genral Store	1	10	13.625	0.125	17 Cft
✓	Indoor block Cills D4	2	3	1.125	0.125	1 Cft
✓	D5	19	2.25	0.75	0.125	4 Cft
✓	D6	5	2.25	0.75	0.125	1 Cft
✓	D6	10	2.25	0.375	0.125	1 Cft
13	P/L plain Cement concrete (1:2:4) using course sand and washed aggregate) i/c placing compacting curing finishing complete in all respect.				Total	542 Cft
<b>Floors IN DOOR Block</b>						
	M Super:	1	16	14	0.125	28 Cft
	tibb	1	12	14	0.125	21 Cft
	Dispensary	1	12	14	0.125	21 Cft
	Waiting	1	15.25	14	0.125	27 Cft
	Admin officer	1	15.625	14	0.125	27 Cft
	Medical store	1	12.5	14	0.125	22 Cft
	Male Medical	1	12	14	0.125	21 Cft
	Treatment/World food	2	10	14	0.125	35 Cft
	Waiting male	1	13.75	14	0.125	24 Cft
	Gynaecologist	1	12	14	0.125	21 Cft
	W.M.O	1	15	14	0.125	26 Cft
	Demonstration	1	11	13.625	0.125	19 Cft
	Waiting female	1	18	13.625	0.125	31 Cft
	Dental surg:	1	17.75	13.625	0.125	30 Cft
	Lady Health	1	11	13.625	0.125	19 Cft
	Spec./Dispen./Homoe	4	12	13.625	0.125	82 Cft
	Emergency ward	1	16	13.625	0.125	27 Cft
	Dispensary	1	14	13.625	0.125	24 Cft
	Treatment	1	8	13.625	0.125	14 Cft
	Genral Store	1	10	13.625	0.125	17 Cft
	Indoor block Cills D4	2	3	1.125	0.125	1 Cft
	D5	19	2.25	0.75	0.125	4 Cft
	D6	5	2.25	0.75	0.125	1 Cft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	D6	10	2.25	0.375	0.125	1 Cft
					Total	542 Cft
14	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. 600mmx 600 mm					
	Floors in door Block					
	M.Super.	1	16	14		224 Cft
	tibb	1	12	14		168 Cft
	Dispensary	1	12	14		168 Cft
	Waiting	1	15.25	14		214 Cft
	Admin officer	1	15.625	14		219 Cft
	Medical store	1	12.5	14		175 Cft
	Male Medical	1	12	14		168 Cft
	Treatment/World food	2	10	14		280 Cft
	Waiting male	1	13.75	14		193 Cft
	Gynecologist	1	12	14		168 Cft
	W.M.O	1	15	14		210 Cft
	Demonstration	1	11	13.625		150 Cft
	Waiting female	1	18	13.625		245 Cft
	Dental surg.	1	17.75	13.625		242 Cft
	Lady Health	1	11	13.625		150 Cft
	Spec./Dispen./Homoe	4	12	13.625		654 Cft
	Emergency ward	1	16	13.625		218 Cft
	Dispensary	1	14	13.625		191 Cft
	Treatment	1	8	13.625		109 Cft
	General Store	1	10	13.625		136 Cft
	Indoor block Cills D4	2	3	1.125		7 Cft
	D5	6	2.25	0.375		5 Cft
	D5	2	2.25	0.75		3 Cft
	D6	10	2.25	0.375		8 Cft
					Total	4304 Cft
15	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. 600mm x600 mm					
	Indoor Block					
	OPD Block	2	20.5		4	164 Sft
		2	40		4	320 Sft
		2	13		4	104 Sft
		1	12		4	48 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
		2	20		4	160 Sft
		2	12		4	96 Sft
	Ver:	2	116.125		4	929 Sft
	Examine tibt, speci:	6	5		4	120 Sft
		6	7.25		4	174 Sft
	Examine Homeo: M.O, Gyn:	8	5		4	160 Sft
		8	7.625		4	244 Sft
	Tibt, Disp. M.O, Gyn:	10	12		4	480 Sft
		10	14		4	560 Sft
	Waiting	2	15.25		4	122 Sft
		2	14		4	112 Sft
	Admin officer	2	15.625		4	125 Sft
		2	14		4	112 Sft
	Medical Sup.	2	16		4	128 Sft
		2	14		4	112 Sft
	Medical store	2	12.5		4	100 Sft
		2	14		4	112 Sft
	Ent. hall	2	14		4	112 Sft
	Treatment, worldfood	4	10		4	160 Sft
		4	14		4	224 Sft
	Waiting male	2	13.75		4	110 Sft
		2	14		4	112 Sft
	Examine	2	7.25		4	58 Sft
		2	7.625		4	61 Sft
	Cooridor	2	226.625		4	1813 Sft
	Homeo, disp: speci:	8	12		4	384 Sft
		8	13.625		4	436 Sft
	Waiting disp:	2	15.25		4	122 Sft
		2	13.625		4	109 Sft
	Jurnal store	2	10		4	80 Sft
		2	13.625		4	109 Sft
	Treatment	2	8		4	64 Sft
		2	13.625		4	109 Sft
	Ladies disp:	2	14		4	112 Sft
		2	13.625		4	109 Sft
	Ladies waiting.	2	15.125		4	121 Sft
		2	13.625		4	109 Sft
	Emergency ward	2	16		4	128 Sft
		2	13.625		4	109 Sft
	Dental surg:	2	17.75		4	142 Sft
		2	13.625		4	109 Sft
	Waiting female	2	18		4	144 Sft
		2	13.625		4	109 Sft
	L.H.V, Demonstration office	4	11		4	176 Sft
		4	13.625		4	218 Sft
	Indoor Block					10131 Sft
	D3	12	3.5		4	168 Sft
	D4	12	3		4	144 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
DW2		2	4		4	32 Sft
D4		12	3		4	144 Sft
					Total	488 Sft
					Net Total	9643 Sft
16	Cement Pointing deep struck joints on walls with red oxide pigment 1:2 ratio					
	<b>Out side building</b>					
	Outdoor Block Porch front	1	19		3	57 Sft
	Porsh sides	2	17		3	102 Sft
	Front and back	2	233.875		3	1403 Sft
	Sides	2	47.75		3	287 Sft
	Diagnostic block				3	
	Front and back	2	92		3	552 Sft
	Sides	2	51.75		3	311 Sft
	Link passages	4	30		3	360 Sft
	Indoor Block				3	
	Front ver.	1	69		3	207 Sft
	Sides	2	57.875		3	347 Sft
	Back	1	142.625		3	428 Sft
	Link Passage lav.	4	8		3	96 Sft
	Toilet walls	4	210.5		3	2526 Sft
		4	11.5		3	138 Sft
	Mumty	2	81.625		3	490 Sft
		2	18.5		3	111 Sft
					Total	7414 Sft
17	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 new surface two coats on old surface after scraping					
	<b>Out side building</b>					
	Outdoor Block Porch front	1	19		22.5	428 Sft
	Porsh sides	2	17		15.5	527 Sft
	Front and back	2	233.875		15.5	7250 Sft
	Sides	2	47.75		15.5	1480 Sft
	Diagnostic block					
	Front and back	2	92		15.5	2852 Sft
	Sides	2	51.75		15.5	1604 Sft
	Link passages	4	30		15.5	1860 Sft
	Indoor Block					
	Front ver.	1	69		15.5	1070 Sft
	Sides	2	57.875		15.5	1794 Sft
	Back	1	142.625		15.5	2211 Sft
	Link Passage lav.	4	8		15.5	496 Sft
	Toilet walls	4	210.5		15.5	13051 Sft
		4	11.5		15.5	713 Sft
	Mumty	2	81.625		11	1796 Sft



S.No	Description	Nos	Length	Breadth	Depth	Qty
		2	18.5		11	407 Sft
	Deductions				Total	37538 Sft
	Windows openings					
	Outdoor Block W2	18	4		5.5	396 Sft
	H.W1	7	4		3	84 Sft
	H.W2	4	2		2	16 Sft
	Diagnostic Block					
	W2	2	8		9	144 Sft
	W4	7	4		5.5	154 Sft
	H.W1	2	4		4	32 Sft
	Indoor Block					
	W2	2	8		9	144 Sft
	W4	10	4		5.5	220 Sft
	H.W1	10	4		4	160 Sft
	Porch	1	16		11	176 Sft
	Outdoor block					
	DW2	4	8.625		9	311 Sft
	D3	2	4.5		9	81 Sft
	D4	2	4.5		9	81 Sft
	D5	38	3.5		9	1197 Sft
	D6	10	3		9	270 Sft
	Diagnostic Block					
	D1	6	4.5		9	243 Sft
	D3	8	3.5		9	252 Sft
	D4	12	3		9	324 Sft
	Ramp door	2	6		8.5	102 Sft
	D4A	2	3		9	54 Sft
	Indoor Block					
	D3	12	3.5		9	378 Sft
	D4	12	3		9	324 Sft
	DW2	2	4		9	72 Sft
	D4	12	3		9	324 Sft
	Net Total (37538 - 5539)				Total	5539 Sft
						32000 Sft
18	Preparing of surface with wall putty emulsion two coats on old surface after Scraping Ordinary distemper, oil bound distemper, or paint of wall.					
	Indoor Block					
	OPD	1	20.5	40		820 Sft
	OPD	1	20	12		240 Sft
	Porch	1	16	15.5		248 Sft
	Ver.	1	16.125	7		813 Sft
	Toilet tlb., Homeo., Spec., Gyn: M.O	7	5	6		210 Sft
	Examine tlb., spec	3	5	7.25		109 Sft
	Examine Homeo: M.O, Gyn:	4	5	7.625		153 Sft
	Tlb., Disp., M.O, Gyn:	5	12	14		840 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	Waiting	1	15.25	14		214 Sft
	Admin officer	1	15.625	14		219 Sft
	Medical store	1	12.5	14		175 Sft
	M.Super:	1	16	14		224 Sft
	Ent: hall	1	21.875	14		306 Sft
	Treatment, worldfood	2	10	14		280 Sft
	Waiting male	1	13.75	14		193 Sft
	W.M.O	1	15	14		210 Sft
	W.M.O toilet	1	7.25	6		44 Sft
	Examine	1	7.25	7.625		55 Sft
	Cooridor	1	226.625	8.625		1955 Sft
	Homeo., disp., speci:	4	12	13.625		654 Sft
	Waiting disp:	1	15.25	13.625		208 Sft
	Lady, gents, toilet	2	6.375	13.625		174 Sft
	Staff toilet	1	6	13.625		82 Sft
	Jurnal store	1	10	13.625		136 Sft
	Treatment	1	8	13.625		109 Sft
	Ladies disp:	1	14	13.625		191 Sft
	Ladies waiting	1	15.125	13.625		206 Sft
	Emergency ward	1	16	13.625		218 Sft
	Dental surg:	1	17.75	13.625		242 Sft
	Waiting female	1	18	13.625		245 Sft
	L.H.V, Demonstration office	2	11	13.625		300 Sft
	Walls Indoor					
	OpD	2	20.5		13	533 Sft
	Beams	2	40		13	1040 Sft
	Ver:	2	12		13	312 Sft
	Porch pillar	2	20		13	520 Sft
	Beams	2	6		13	156 Sft
	Ver:	2	6		13	156 Sft
		2	116.125		10	2323 Sft
	Toilet tibt., Homeo., Spec., Gyn., M.O	2	7		10	140 Sft
		14	5		7.5	525 Sft
	Examine tibt, speci:	14	6		7.5	630 Sft
		6	5		8	240 Sft
	Examine Homeo., M.O, Gyn:	6	7.25		8	348 Sft
		8	5		8	320 Sft
	Tibt., Disp, M.O, Gyn.,	8	7.625		8	488 Sft
		10	12		8	960 Sft
	Waiting	10	14		8	1120 Sft
		2	15.25		8	244 Sft
	Medical store	2	14		8	224 Sft
		2	12.5		8	200 Sft
	Ent: hall	2	14		8	224 Sft
		2	21.875		8	350 Sft
	Treatment, worldfood	2	14		8	224 Sft
		4	10		8	320 Sft
		4	14		8	448 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	Waiting male	2	13.75		8	220 Sft
	W.M.O	2	14		8	224 Sft
	W.M.O	2	15		8	240 Sft
	W.M.O toilet	2	14		8	224 Sft
	Examine	2	7.25		8	116 Sft
	Examine	2	6		8	96 Sft
	Cooridor	2	7.25		8	116 Sft
	Cooridor	2	7.625		8	122 Sft
	Homeo. disp. speci	2	226.625		8	3626 Sft
	Homeo. disp. speci	2	8.625		8	138 Sft
	Homeo. disp. speci	8	12		8	768 Sft
	Waiting disp:	8	13.625		8	872 Sft
	Waiting disp:	2	15.25		8	244 Sft
	Lady, gents, toilet	2	13.625		8	218 Sft
	Lady, gents, toilet	4	6.375		8	204 Sft
	Staff toilet	4	13.625		8	436 Sft
	Staff toilet	2	6		8	96 Sft
	Jurnal store	2	13.625		8	218 Sft
	Jurnal store	2	10		8	160 Sft
	Treatment	2	13.625		8	218 Sft
	Treatment	2	8		8	128 Sft
	Ladies disp:	2	13.625		8	218 Sft
	Ladies disp:	2	14		8	224 Sft
	Ladies waiting	2	13.625		8	218 Sft
	Ladies waiting	2	15.125		8	242 Sft
	Emergency ward	2	13.625		8	218 Sft
	Emergency ward	2	16		8	256 Sft
	Dental surg:	2	13.625		8	218 Sft
	Dental surg:	2	17.75		8	284 Sft
	Waiting female	2	13.625		8	218 Sft
	Waiting female	2	18		8	288 Sft
	L.H.V. Demonstration office	2	13.625		8	218 Sft
	L.H.V. Demonstration office	4	11		8	352 Sft
	L.H.V. Demonstration office	4	13.625		8	436 Sft
	Deductions				Total	34188 Sft
	Indoor Block					
	W2	2	8		9	144 Sft
	W4	10	4		5.5	220 Sft
	H.W1	10	4		4	160 Sft
	Indoor Block					
	D3	12	3.5		9	378 Sft
	D4	12	3		9	324 Sft
	DW2	2	4		9	72 Sft
	D4	12	3		9	324 Sft
	(34188 - 1622) = 32566				Total	1622 Sft
					Total	32566 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
19	Preparing surface and painting to door and windows any type 3 coats on new surface.					
	Indoor Block					
	D3	12	3.5		9	378 Sft
	D4	12	3		9	324 Sft
	DW2	2	4		9	72 Sft
	D4	12	3		9	324 Sft
	Total				Total	1098 Sft
20	S/E of SMD light 2' x 2' 40-Watts best quality, complete in all respects and as approved by the Engineer Incharge.					
	Main Building				50	50 No
	Total				Total	50 No's
21	Providing and fixing 2"X2" Stainless Steel 14 SWG Corner Guard angle with bevelled corner and 0.8 mm bend at edges duly pasted with premium grade self-adhesive glue strips with excellent hold/(double sided Tape) as approved and directed by the Engineer Incharge.					
	Corners					
	Indoor Block	86	2	4		688 Rft
	Total				Total	688 Rft
22	Removing door with chowkat.					
		26				26 No's
	Total				Total	26 No's
23	Providing and fixing 2.5mm thick Deodar/Ash/ Oak wood ply best quality as approved by Engineer Incharge.					
	Indoor Block					
	D5	40	2.75		6.875	756 Sft
	D4	4	2.75		6.875	76 Sft
	DW2	2	8.75		6.875	120 Sft
	D6	8	2.25		6.875	124 Sft
	Total				Total	1076 Sft
	Both Sides double = 2x (1076x2) =					4304 Sft
24	Providing and fixing ornamental wooden architrave 3" x (1½" tapered to ¼") all along the door frame complete in all respect. Deodar wood architrave					
	Indoor Block					
	D3	6	3.5		9	189 Sft
	D4	6	3		9	162 Sft
	DW2	1	4		9	36 Sft
	D4	6	3		9	162 Sft
	Total				Total	549 No's
25	Removing windows and sky lights with chowkat.					
		37				37 No's

S.No	Description	Nos	Length	Breadth	Depth	Qty
26	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. 3/8" Squar Bars				Total	37 No's
	Indoor Block					
	DW2	2	2.5		8.5	43 Sft
	W2	26	4		5.5	572 Sft
	W4	7	6		5.5	231 Sft
	CW1	12	4		4	192 Sft
	Total				Total	1038 Sft
27	Providing and fixing Aluminum Fly screen comprising of Fiber /Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2"and 1.6 mm thick with rubber gasket i/c cost of Hard wares as approved and directed by the engineer incharge. complete in all respect.					
	Indoor Block					
	DW2	2	2.5		8.5	43 Sft
	W2	26	4		5.5	572 Sft
	W4	7	6		5.5	231 Sft
	CW1	12	4		4	192 Sft
	1/2"				Total	1038 Sft
	Total				Total	519
28	Providing and fitting all types of glazed aluminum windows of anodised/ powder coated partly fixed and partly sliding using deluxe sections of approved manufacturer 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.					
	Indoor Block					
	DW2	2	2.5		8.5	43 Sft
	W2	26	4		5.5	572 Sft
	W4	7	6		5.5	231 Sft
	CW1	12	4		4	192 Sft
	Total				Total	1038 Sft
29	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. China Verona					
	Indoor Block					
	DW2	2	2.5		1.5	8 Sft
	W2	26	4		1.5	156 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	W4	7	6		1.5	63 Sft
	CW1	12	4		1.5	72 Sft
	Total				Total	299 Sft
30	Removing door with chowkat. Toilets					
	Toilets	13				13 No's
	Total				Total	13 No's
31	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					
	Outdoor block					
	D7	5	2.75		6.5	89 Sft
	D7A	8	2.75		6.5	143 Sft
	Total				Total	232 Sft
32	Dismantling glazed or encaustic tiles, etc. Toilets					
	Floors Indoor Block					
	Toilet tibt., Homeo., Spec., Gyn., M.O	7	5	6		210 Sft
	W M O toilet	1	7.25	6		44 Sft
	Lady, gents, toilet	2	6.375	13.625		174 Sft
	Staff toilet	1	6	13.625		82 Sft
	INDOOR block D7	5	2.75	0.375		5 Sft
	D7A	8	2.75	0.375		8 Sft
	Total				Total	522 Sft
33	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy /Matt /Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1,2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"					
	Floors Indoor Block					
	Toilet tibt., Homeo., Spec., Gyn., M.O	7	5	6		210 Sft
	W M O toilet	1	7.25	6		44 Sft
	Lady, gents, toilet	2	6.375	13.625		174 Sft
	Staff toilet	1	6	13.625		82 Sft
	Outdoor block D7	5	2.75	0.375		5 Sft
	D7A	8	2.75	0.375		8 Sft
	Total				Total	522 Sft
34	Dismantling glazed or encaustic tiles, etc.					
	Floors Indoor Block					
	Toilet tibt., Homeo., Spec., Gyn., M.O	14	5		7	490 Sft
	W M O toilet	14	6		7	588 Sft
	Lady, gents, toilet	2	7.25		17	102 Sft
	Staff toilet	2	6		7	84 Sft
	Total	4	6.375		7	179 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
		4	13.625		7	382 Sft
		4	4.25		7	119 Sft
	Staff toilet	4	6.375		7	179 Sft
		4	6		7	168 Sft
	Deduction	2	13.625		7	191 Sft
	Indoor block D7	5	2.75		Total	2480 Sft
	D7A	16	2.75		7	96 Sft
					Total	308 Sft
					Total	404 Sft
	Net Total (2480 - 404) = 2076					2076 Sft
35	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy /Matt /Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. 12"x18"/12"x24"/10"x24"/8"x24"/12"x36"					
	Indoor Block					
	Toilet tibia; Homeo; Spec; Gyn; M.O	14	5		7	490 Sft
		14	6		7	588 Sft
	W.M.O toilet	2	7.25		7	102 Sft
		2	6		7	84 Sft
	Lady, gents, toilet	4	6.375		7	179 Sft
		4	13.625		7	382 Sft
		4	4.25		7	119 Sft
		4	6.375		7	179 Sft
	Staff toilet	4	6		7	168 Sft
		4	13.625		7	191 Sft
	Deduction	2			Total	2480 Sft
	Indoor block D7	5	2.75		7	96 Sft
	D7A	16	2.75		7	308 Sft
					Total	404 Sft
					Total	2076 Sft
36	Dismantling PCC 1:2:4 plain					
	Dispensary Shelf					
		1	14	2	0.33	9 Cft
	Laboratory	1	13.625	2	0.33	9 Cft
					Total	18 Cft
37	Dismantling brick work cement or lime mortar					
	Dispensary Shelf					
	Stays	4	2	0.375	2.5	8 Cft
	Doc Male/Plaster Room Joint wall	1	13.625	0.375	12	61 Cft
	Lab + Toilet Female wall	1	13.625	0.75	12	123 Cft
	Lab + Toilet Female wall Stays	4	2	0.375	2.5	8 Cft
	Toilet Female	1	8	0.375	7	21 Cft



S.No	Description	Nos	Length	Breadth	Depth	Qty
	Toilet Female ( W.C )	1	3.625	0.375	7	10 Cft
38	Providing and fixing heavy duty 3mm thick SS Plate, die-cast metal automatic hydraulic operated door stopper (Concealed floor hinge) embedded in floor i/c the cost of Top pivot hinge, hardware, cutting off loor and making it good complete in all respect as approved and directed by the Engineer Incharge.				Total	229 Cft
	Aluminum Doors					
	Entrances	2	1			2 No's
	Sides	4	1			4 No's
	Wards	4	1			4 No's
39	Pacca Brick Work 1:4 in Other then Buildings upto 10' Height				Total	10 No's
	Stays	7	2	0.375	2.5	13 Cft
	Dispensary Shelf	7	2	0.375	2.5	13 Cft
40	1/2" cement sand plaster 1:4 upto 20' height				Total	26 Cft
	Stays	7	4.375		2.5	77 Sft
	Stays	7	4.375		2.5	77 Sft
41	Rcc in roof slab beams column lintel girders, slab and other structural members etc complete nominal mix 1:2:4 ratio				Total	153 Sft
	Dispensary Shelf	1	13.625	2	0.333	9 Cft
	Dispensary Shelf	1	12	2	0.333	8 Cft
42	Fabrication of mild steel reinforcement i/c cutting bending laying in position i/c cost of binding wire and labour charges deformed bars. 40 Grade				Total	17 Cft
	Shelves	1	17	6.75	0.4536	52 Kg
43	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. China Verona				Total	52 Kg
	Shelf	1	13.75	2		28 Sft
	Shelf	1	8.75	2		18 Sft
	Indoor Entrance Seats	2	10	2.5		50 Sft
	Waiting Male	2	14	2.5		70 Sft



S.No	Description	Nos	Length	Breadth	Depth	Qty
	World Flood Program	2	14	2.5		70 Sft
	Waiting Female	1	13.625	2.5		34 Sft
	Waiting Female	1	11.5	2.5		29 Sft
	Dispensary Shelf	1	13.625	2.5		34 Sft
	Dispensary Shelf	1	12	2.5		30 Sft
	Treatment	4	13.625	2.5		136 Sft
	Medicine Store	4	13.625	2.5		136 Sft
	Entrance Out Door	4	10	2.5		100 Sft
					Total	734 Sft
44	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 4" dia (100 mm)	5	x	14		70 Rft
					Total	70 Rft
45	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 3" dia	3	x	14		42 Rft
					Total	42 Rft
46	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.	5	x	2		10 Nos
47	Providing and fixing 22-SWG /12X12 G.I wire mesh and expanded metal (diamond hole shape ) 5mm thick duly fixed with M.S patti 1"x1/8" on M.S angle iron frame 1½"X1½"X3/16" and braces @ 2 ft C/c horizontally & vertically i/c the cost of matt paint as approved & directed by the Engineer Incharge.	22	6	6		792 Sft
	Design RCC jali	22	6	1.5		198 Sft
	Opening Top				Total	990 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
702 + 3928 +						
<b>Link Passage</b>						
1	Excavation in foundation for buildings bridges and other structure, i/c daggelling dressing refilling around structure with excavated earth, watering and ramming lead upto one chain and lift upto 5ft in ordinary soil.					
	<b>Indoor Block</b>					
	Passage Link	1	87.25	3.25	2.5	709 Cft
	PP	1	62.25	2	1.5	187 Cft
	PP	1	15	2	1.5	45 Cft
	PP	1	16	2	1.5	48 Cft
	Total					989 Cft
2	Cement concrete brick or stone ballast 1 1/2 " to 2" (40 mm to 50 mm) gauge, in foundation and plinth.					
A	Ratio 1:6:12					
	<b>Indoor Block</b>					
	Passage Link	1	87.25	3.25	1.05	142 + 134 Cft
	PP	1	62.25	2	1.50.50	62 187 Cft
	PP	1	15	2	1.50.50	15 45 Cft
	PP	1	16	2	1.50.50	16 48 Cft
	Total					235 1414 Cft
3	Pacca brick work (1:6) cement mortar in foundation and plinth.					
	<b>Link Passage</b>					
	2 <sup>nd</sup> step	1	87.25	2.25	0.25	49 Cft
	3 <sup>rd</sup> step	1	87.25	1.875	0.25	41 Cft
	4 <sup>th</sup> step	1	87.25	1.5	0.25	33 Cft
	Plinth	1	87.25	1.125	1.4	393 Cft
	Plinth	1	62.25	1.125	0.25	18 Cft
	Plinth	1	62.25	0.75	2	93 Cft
	Plinth	1	15	1.125	0.25	4 Cft
	Plinth	1	15	0.75	2	23 Cft
	Plinth	1	16	1.125	0.25	5 Cft
	Plinth	1	16	0.75	2	24 Cft
	Total					681 Cft

S.No	Description	Nos	Length	Breadth	Depth	Qty
4	Providing and laying damp proof course of cement concrete 1:2: 4 (using cement, sand and shingle), including bitumen coating with one coat bitumen and one coat polythene sheet 500 gauge 1½" thick (40 mm)					
	Indoor Block					
	Link Passage	2	87.25	1.125		196.98 Sft
					Total	98 Sft
5	Providing and laying vertical damp proof course with cement sand plaster					
	Link Passage	1	87.25		2	175 Sft
					Total	175 Sft
6	Filling, watering ramming earth under floor with surplus earth from Qty as per item No 1x2/3	1	989		0.667	659 Cft
7	Filling, watering, ramming earth under floor with new earth					
	Link Passage	1	57	11.33	12.25	1453 Cft
	Plinth Protection	1	61.5	2.25	1.75	242 Cft
	Deduction				Total	1695 Cft
	Surplus Earth as per item above.				(-)	659 Cft
					Total	1036 Cft
8	Pacca brick work (1:6) cement mortar in Ground Floor.					
	Link Passage	1	87.25	1.125	12	1178 Cft
	Windows	9	41.0	1.125	8	1328 Sft
	Ref. Linch.	1	87.25	1.125	0.5	808 Cft
9	Providing and laying reinforced cement concrete (including prestressed)					
A	Reinforced cement concrete in roof slab, beams, columns and other structural members etc, requiring form work (i.e. horizontal shuttering) complete in all respects Type C (nominal mix 1: 2: 4)					
	Roof slab	1	58.5	13.58	0.42	334 Cft
		1	87.25	1.125	4.59	52 Cft
					Total	384 Cft
10	Reinforced cement concrete in roof slab, beams, columns and other structural members etc, requiring form work (i.e. horizontal shuttering) complete in all respects Type C (nominal mix 1: 2: 4) 2nd story.					
	Pardi	2	58.5	0.375	1	44 Cft
		2	11.25	0.375	1	8 Cft
					Total	52 Cft

S.No	Description	Nos	Length	Breadth	Depth	Qty
11	Fabrication of mild steel reinforcement for cement concrete, including Qty as per item above A-B+C	1	386	6.75	0.454	1183 Kg
12	Cement plaster 1/2" (13 mm) thick 1.4 upto 20' (6.00 m) height with bitumen coating and polythene sheet 500 gauge under bearing of roof slab.					
	Link Passage	1	58.5	1.125		66 Sft
	Link Passage	1	11.25	1.125		13 Sft
	Link Passage	1	17.5	1.125		20 Sft
	Total					98 Sft
13	Cement plaster 3/8" (10 mm) thick 1:3 cement sand mortar under soffit of R.C.C. roof slabs only, upto 20' height.					
	Link passages					
	Corridor	1	58.5	11.33		663 Sft
	Total					663 Sft
14	Cement plaster 1.5 upto 20' (6.00 mm) height 1/2" (13 mm) thick.					
	Ver:	2	58.5		11.5	1346 Sft
		2	25		12	600 Sft
	Total					1946 Sft
	Deduction W4	9	4		5.5	198 Sft
	N.Total					1748 Sft
15	Supplying and filling sand under floors or plugging in wells.					
	Floors Outdoor					
	Ver:	1	58.5	11.33	0.33	219 Cft
		1	61.5	2.25	0.33	46 Cft
		1	12	2.25	0.33	9 Cft
		1	16	2.25	0.33	12 Cft
	Total					285 Cft
16	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.					
	Ver:	1	58.5	11.33	0.33	219 Cft
		1	61.5	2.25	0.33	46 Cft
		1	12	2.25	0.33	9 Cft
		1	16	2.25	0.33	12 Cft
	Total					285 Cft

S.No	Description	Nos	Length	Breadth	Depth	Qty
17	Providing and laying conglomerate flooring (two coat work) with top layer of 1/2" (13mm) thick wearing surface, consisting of one part of cement and 2 parts of stone chips passing 3/16" (4 mm) sieve, over bottom layer of cement concrete 1:3:6, including surface finishing and dividing in panels i/c rubbing and polishing floor, repairing voids uneven surface, complete in all respects 1 1/2" (40 mm)					
	Plinth protection					
	Link Passage	1	61.5	3		185 Sft
	Link Passage	1	12	3		36 Sft
		1	16	3		48 Sft
	Total					269 Sft
18	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.					
	600mmx 600 mm					
	Link Passage					
	Ver.	1	58.5	11.25		658 Sft
	Total					658 Sft
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.					
	600mmx 600 mm dado					
	Link Passage					
	Ver.	2	58.5	4		468 Sft
	Ver.	2	12	4		96 Sft
	D/d Door	-1	12	4		-48 Sft
	D/d Door	-11	4	1		-44 Sft
	Total					472 Sft
20	P/L plain Cement concrete (1/2:4) using course sand and washed aggregate)					
	Link Passage					
	Ver	1	58.5	11.33	0.125	83 Cft
	Total					83 Cft
21	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 over polythene sheet 500 gauge (.005" thick).					
	Roof	1	58.5	12.83		751 Sft
	Deductions				Total	751 Sft
	Top Khurras	2	2	2		8 Sft

S.No	Description	Nbs	Length	Breadth	Depth	Qty
	Net Total (751 - 8) = 743				Total	8 Sft 743 Sft
22	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 4" dia (100 mm)	2	x	14		
23	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 3" dia	2	x	14	Total	28 Rft 28 Rft
24	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.	6	x	2	Total	28 Rft 28 Rft
						12 Nos

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Buildings Sub Division

\* Shahkot



ANALYSIS OF RATE FOR Providing and fixing 22-SWG /12X12 G.I wire mesh and expanded metal (diamond hole shape ) 5mm thick duly fixed with M.S patti 1"x1/8" on M.S angle iron frame 1 1/2"x1 1/2"x3/16" and braces @ 2 ft C/c horizontally & vertically i/c the cost of matt paint as approved & directed by the Engineer Incharge

Unit of Rate = Per Sft

Take for Analysis 6 x 6 = 36 Sft

**"A" MATERIAL**

1. G.I Wire Mesh 12" x 12" expanded metal

2 x 6 x 6 = 72 Sft @ 35.00 P Sft 2520 /-

2. M.S angle iron 1 1/2"x1 1/2"x31/6" leave frame

(6+6+6+6)  
Total = 24 Rft  
Add 5% wastage = 24 Rft  
Total = 1.72 Rft  
Total = 25.72 Rft

Weight 25.72 x 1.47 x 0.454

= 17.14 Kg @ 223.05 P Sft 3823 /-

3. M.S flat 1/2"x1/8"

12.120. 6+6+6+6) x 2

Total = 48 Rft  
Add 5% wastage = 48 Rft  
Total = 1.72 Rft  
Total = 49.72 Rft

Weight 49.72 x 0.21 x 0.454

= 4.74 Kg @ 223.05 P Sft 1057 /-

**"B" LABOUR**

1. Labour for cutting all M.S section to required size, straightening assembling and welding complete i/c fixing at site.

= 66.8 Kg @ 50.00 P Kg 3340 /-

Total = 10740 /-

Add 20% contractor profit on Rs.

8220 /- 1644 /-

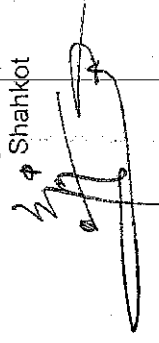
G. Total = 12384 /-

Therefore rate for Per Sft =  $\frac{12384}{36}$

344.01 Per Sft

Say = 344 /- Per Sft

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Shahkot

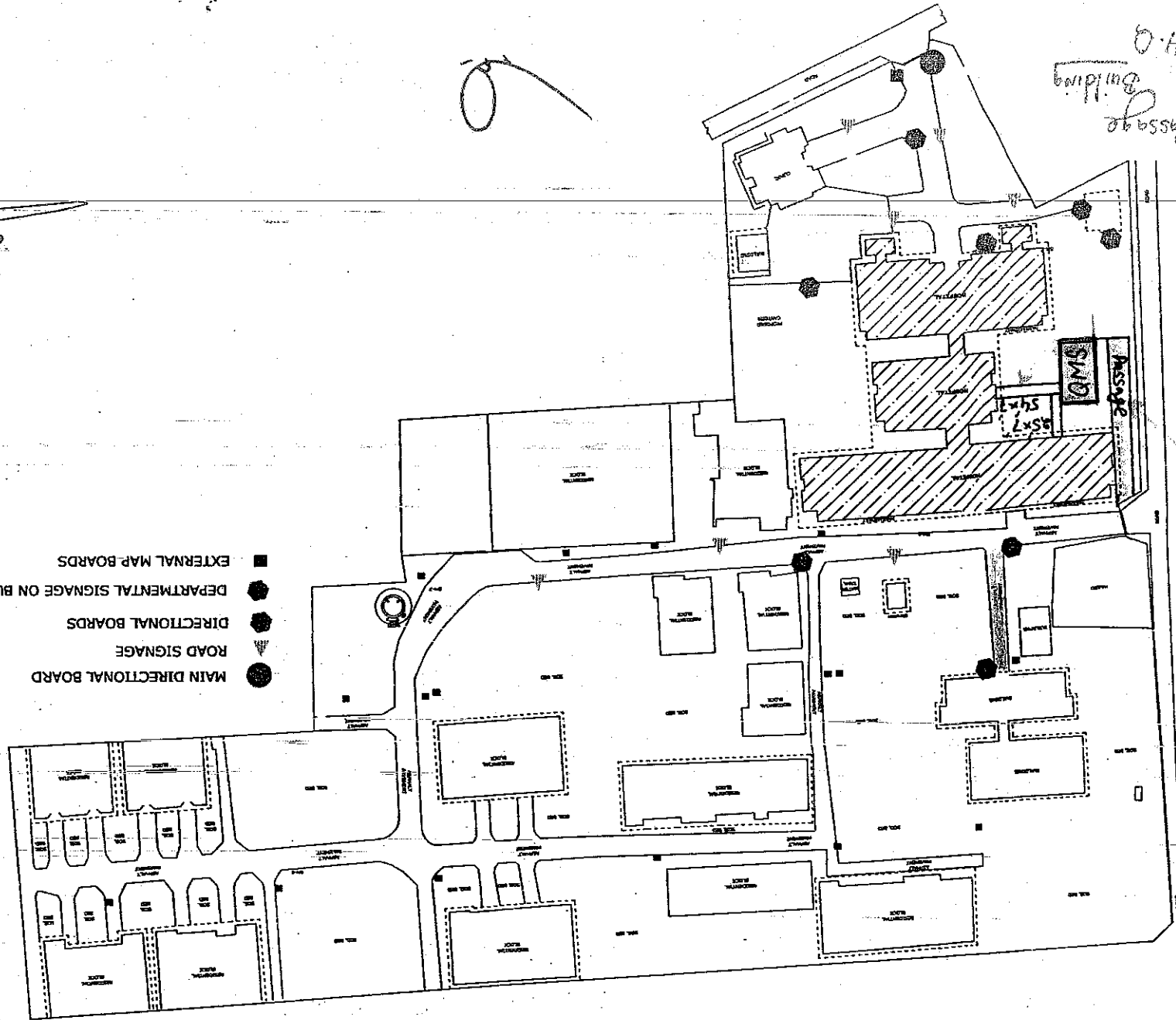






# EXTERNAL SIGNAGES ANNEXURE C

- MAIN DIRECTIONAL BOARD
- ROAD SIGNAGE
- DIRECTIONAL BOARDS
- DEPARTMENTAL SIGNAGE ON BUILDING
- EXTERNAL MAP-BOARDS



Link Passage  
to New  
Building  
of T.H.Q.

Sub Divisional Officer  
Building Sub Division  
Shahkot

# DED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA SAHIB

## DIAGNOSTIC BLOCK

S.No	Description	Unit	Qty	Rate	Amount	Unit	Qty	Rate	Amount	Excess	Saving	Remarks
1	Petty repair to main rooms.					Each	15	1118.7	16781			
2	Petty repair to small rooms.					Each	5	559.30	2797			
3	Petty repair to verandah.					Each	10	1063.65	10637			
4	Dismantling glazed or encasement tiles, etc.					% SR	1065	2335.85	24884			
5	Dismantling cement concrete 1:2:4 Plain					% CR	90	11174.6	10104			
6	P/F plain Cement concrete (1:2:4) using coarse sand and washed aggregate) i/c placing compacting					% CR	357	38205.3	136506			
7	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. 600mmx 600 mm	% CR	235	22758.4	53406	% CR	357	38205.3	136506			
8	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting /ado 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. 600mm x600 mm	P SR	1987	249	494680	P SR	4591	340.6	1563806	1069126		
9	Distemping two coats on old surface after Scraping Ordinary distemper, oil bound distemper, or paint of wall.	P SR	8271	259	2142275	P SR	5898	340.6	2008689			133587
10	Preparing of surface with wall putty emulsion two coats on old surface after Scraping Ordinary distemper, oil bound distemper, or paint of wall.	% SR	29067	963.25	279988							279988
11	Preparing surface and painting to door and windows any type 3 coats on new surface.	% SR	1698	1418.5	24086	% SR	14437	3167.2	457249	457249		
12	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. Epoxy											1852
13	P/F Aluminium Angle 3/4" x 3/4" having a thick 1/16" fixing at corners with nails/other fixing material complete with all respect as approved by Engineer Incharge.	P R/R	1280	55	70400	P SR	360	650	234000	234000		70400
14	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.											
15	Removing door with/out chowkat					P R/R	416	210	87360	87360		
16	Providing and fixing 2.5mm thick Decodar/Aslv Oak wood ply best quality as approved by Engineer Incharge.	Each	18	438	7884	Each	18	438	7884	7884		
17	Providing and fixing ornamental wooden architrave 3" x (1 1/2" tapered to 1/4") all along the door frame complete in all respect. Decodar wood architrave	P SR	1471	86	126528	P SR	1471	86	126528	126528		
18	Removing windows and sky lights with chowkat	P SR	488	103.4	50408	P SR	488	103.4	50408	50408		
		Each	22	341.5	7513	Each	22	341.5	7513	7513		
As Per Approved A.A					As Per Amended Rough Cost Estimate							

S.No	Description	As Per Approved A.A			As Per Amended Rough Cost Estimate			Unit	Qty	Rate	Amount	Unit	Qty	Rate	Amount	Excess	Saving	Remarks
19	Providing and fixing M.S. grill fabricated with M5 Square polished Vertical/horizontal Bars of specified size @ 4" c/c, passed through punched holes in MS Part of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS part for frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge. 3/8" Squar Bars.																	
20	Providing and fixing Aluminium Fly screen comprising of Fiber /Aluminium wire gauze (Malasian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6 mm thick with rubber gasket i/c cost of Hard wares as approved and directed by the engineer incharge. complete in all respect																	
21	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using deluxe sections of approved manufacturer having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x1/2"), 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.																	
22	Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities /Shelves /Treads /Window Grills, having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1-2) cement sand mortar i/c the cost of matching scaler complete in all respects as approved and directed by the Engineer Incharge. China Verona																	
23	Removing door with chowkat. Toilets																	
24	P/F 1 1/2" (40mm) thick semi solid panelled or panelled and glazed doors comprising of solid wood styles and rails of specified width and panels of 25 mm thick veneer ply matching with wood used with grooves, pasted on both sides of 1" thick Lasani wood panel with tapered edges i/c the cost of tower bolt, handles complete in all respect (Excluding the cost of chowkat frame, sliding bolt and lock) as approved and directed by Engineer Incharge. (iii) Oak/Ash Wood i/c angle iron chowkat																	
25	Dismantling glazed or encaustic tiles, etc. Toilets																	
26	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy /Mat /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 scaler for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge.																	
27	Dismantling glazed or encaustic tiles, etc.																	
28	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy /Mat /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 scaler for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge.																	
29	Pacca Brick Work 1:4 in Other then Buildings upto 10' Height																	
30	1/2" cement sand plaster 1:4 upto 20' height																	
31	Rec in roof slab beams column lintel girders, slab and other structural members etc complete nominal mix 1:2:4 ratio																	
32	Fabrication of mild steel reinforcement i/c cutting bending laying in position i/c cost of binding wire and labour charges deformed bars, 40 Grade																	

[illegible]

Sub Divisional Officer  
Buildings Sub Division Shakhkot

# AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA SAHIB

## DIAGNOSTIC BLOCK

S.No	Description	Unit	Qty	Rate	Amount	Remarks
1	Petty repair to main rooms.	Each	15	1118.7	16781	
2	Petty repair to small rooms.	Each	5	559.30	2797	
3	Petty repair to verandah.	Each	10	1063.65	10637	
4	Dismantling glazed or encaustic tiles, etc.	Each	1065	2335.85	24884	
5	Dismantling cement concrete 1:2:4 Plain	% SH	90	11174.6	10104	
6	P/L plain Cement concrete (1:2:4) using coarse sand and washed aggregate) i/c placing, compacting	% CH	357	38205.3	136506	
7	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. 600mmx 600 mm	P SH	4591	340.6	1563806	
8	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. 600mm x600 mm	P SH	5898	340.6	2008689	
9	Preparing of surface with wall putty emulsion two coats on old surface after Scraping Ordinary distemper, oil bound distemper, or paint of wall.	% SH	14437	3924.88	566635	
10	Preparing surface and painting to door and windows any type 3 coats on new surface.	% SH	819	2714.8	22234	
11	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. Epoxy	% SH	360	220	79200	
12	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.	P RH	416	210	87360	

S.No	Description	Unit	Qty	Rate	Amount	Remarks
13	Removing door with/out chowkat.					
14	Providing and fixing 2.5mm thick Decodar/Ash/ Oak wood ply best quality as approved by Engineer Incharge.	Each	18	438	7884	
15	Providing and fixing ornamental wooden architrave 3" x (1 1/2" tapered to 1/4") all along the door frame complete in all respect. Decodar wood architrave	P Sft	1471	86	126528	
16	Removing windows and sky lights with chowkat.	P Sft	488	103.4	50408	
17	Providing and fixing M.S. grill-fabricated with M.S. Square polished Vertical/horizontal Bars of specified size @ 4" c/c 'passed through punched holes in M.S. Patti of 1-1/4" x 1/8" i/c the cost of 1-1/4" x 1/8" M.S. patti for Frame of windows and painting 3-coat complete in all respect as approved and directed by the Engineer Incharge. 3/8" Squar Bars	Each	22	341.5	7513	
18	Providing and fixing Aluminium Fly screen comprising of Fiber /Aluminium wire guaze (Malasian) fixed in aluminium frame of approved manufacturer / powder coated of size 1-1/2" x 1/2" and 1.6 mm thick with rubber gasket i/c cost of Hard wares as approved and directed by the engineer incharge. complete in all respect.	P Sft	529	854.2	451872	
19	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 30 mm (4" x 1-1/4") and leaf frame sections of 50 x 20 mm (2" x 3/4"), 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.	P Sft	301	493.05	148162	
20	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. China Verona	P Sft	529	1348.4	713304	
21	Removing door with chowkat. Toilets	P Sft	165	412.35	68038	
22	Providing and fixing Operable 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	Each	4	438	1752	
23	Dismantling glazed or encaustic tiles, etc. Toilets	P Sft	74	1083	108732	
		% Sft	223	2335.85	5216	

S.No	Description	Unit	Qty	Rate	Amount	Remarks
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.	P SF	343	240	82204	
25	Dismantling glazed or encaustic tiles, etc.					
26	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy /Matt /Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge.	% SF	800	2335.85	18681	
27	Pacca Brick Work 1:4 in Other then Buildings upto 10' Height	P SF	920	240	220860	
28	1/2" cement sand plaster 1:4 upto 20' height	% CR	13	34619.5	4544	
29	Rcc in roof slab beams column lintel girders, slab and other structural members etc complete nominal mix 1:2:4 ratio	% SF	77	3248.1	2487	
30	Fabrication of mild steel reinforcement i/c cutting bending laying in position i/c cost of binding wire and labour charges deformed bars. 40 Grade	P CR	14	556.5	7552	
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. China Verona	% Kg	42	31381.2	13038	
32	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 4" dia (100 mm)	P SF	95	412.35	39173	
33	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 3" dia	P.RH	56	326.1	18262	
34	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.	P.RH	28	291.6	8165	
		Each	24	469.95	11279	

**Sub Divisional Officer**  
**Buildings Sub Division Shahkot**

6721693  
~~6721693~~



**AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL  
HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA  
SAHIB**

**( Diagnostic Block )  
( BUILDINGS PORTION )**

S.No	Description	Nos	Length	Breadth	Depth	Qty
1	Petty repair to main rooms.	15				15 No's
					Total	15 No's
2	Petty repair to small rooms.					
		5				5 No's
					Total	5 No's
3	Petty repair to verandah.					
		10				10 No's
					Total	10 No's
4	Dismantling glazed or encaustic tiles, etc.					
	<b>Diagnostic Block</b>					
	Corridor	1	53.375	8.625		460 Sft
	Interance at Out Door	1	20.75	8.625		179 Sft
		1	12	35.5		426 Sft
					Total	1065 Sft
5	Dismantling cement concrete 1:2:4 Plain					
	<b>Diagnostic Block</b>					
	X-ray room	1	13.375	17.25	0.125	29 Cft
	Filem store	1	8	8.625	0.125	9 Cft
	Dark room	1	8	9	0.125	9 Cft
	Lab	1	22.5	13.625	0.125	38 Cft
	Cill Diagnostic block D1	3	4.5	0.75	0.125	1 Cft
	D2	1	4.5	1.125	0.125	1 Cft
	D3	4	3.5	0.75	0.125	1 Cft
	D4	4	3	0.75	0.125	1 Cft
	D4A	1	3	0.375	0.125	0 Cft
	D5	1	2.25	0.375	0.125	0 Cft
	D6	4	2.25	0.375	0.125	0 Cft
	D6	3	2.25	0.75	0.125	1 Cft
					Total	90 Cft
6	P/L plain Cement concrete (1:2:4) using course sand and washed aggregate) i/c placing compacting curing finishing complete in all respect.					
	<b>Diagnostic Block</b>					

S.No	Description	Nos	Length	Breadth	Depth	Qty
	X-ray room	1	13.375	17.25	0.125	29 Cft
	Filem store	1	8	8.625	0.125	9 Cft
	Dark room	1	8	9	0.125	9 Cft
	Lab	1	22.5	13.625	0.125	38 Cft
	Cill Diagnostic block D1	3	4.5	0.75	0.125	1 Cft
	D2	1	4.5	1.125	0.125	1 Cft
	D3	4	3.5	0.75	0.125	1 Cft
	D4	4	3	0.75	0.125	1 Cft
	D4A	1	3	0.375	0.125	0 Cft
	D5	1	2.25	0.375	0.125	0 Cft
	D6	4	2.25	0.375	0.125	0 Cft
	D6	3	2.25	0.75	0.125	1 Cft
	Medicine Store	1	105	23	0.125	302 Cft
	Medicine Store	-1	40	7	0.125	-35 Cft
				Total		357 Cft
7	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.600mmx 600 mm					
	Diagnostic Block					
	X-ray room	1	13.375	17.25		231 Sft
	Filem store	1	8	8.625		69 Sft
	Dark room	1	8	9		72 Sft
	Lab	1	22.5	13.625		307 Sft
	Cill Diagnostic block D1	3	4.5	0.75		10 Sft
	D2	1	4.5	1.125		5 Sft
	D3	4	3.5	0.75		11 Sft
	D4	4	3	0.75		9 Sft
	D4A	1	3	0.375		1 Sft
	D5	1	2.25	0.375		1 Sft
	D6	4	2.25	0.375		3 Sft
	D6	3	2.25	0.75		5 Sft
	Indoor block Cills D4	2	3	1.125		7 Sft
	D5	6	2.25	0.375		5 Sft
	D5	2	2.25	0.75		3 Sft
	D6	10	2.25	0.375		8 Sft
	Diagnostic Block					
	Ver.	1	92	7		Sft
	Diagnostic Block					
	Corridor	1	53.375	8.625		644 Sft
		1	20.75	8.625		Sft
	Interance at Out Door	1	12	35.5		460 Sft
	Medicine Store	1	105	23		179 Sft
	Medicine Store	-1	40	7		426 Sft
						2415 Sft
						-280 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
8	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 600mm x600 mm				Total	4591 Sft
	<b>Diagnostic Block</b>					
	Ver.	2	76.5		4	612 Sft
	X-ray room	2	13.375		4	107 Sft
	Filem store	2	17.25		4	138 Sft
		2	8		4	64 Sft
	Dark room	2	8.625		4	69 Sft
		2	8		4	64 Sft
		2	9		4	72 Sft
		2	5		4	40 Sft
	Passage	2	9		4	72 Sft
		2	41.75		4	334 Sft
		2	3.5		4	28 Sft
	Passage	2	20.75		4	166 Sft
		1	8.625		4	35 Sft
	Labour Room	2	16		4	128 Sft
		2	13.625		4	109 Sft
	<b>Diagnostic Block</b>					
	Linen, Store	4	5.625		4	90 Sft
		4	6.625		4	106 Sft
	dr. Male & Female	4	8		4	128 Sft
		4	13.625		4	218 Sft
	Plaster Room	2	10		4	80 Sft
		2	13.625		4	109 Sft
	Store	4	5		4	80 Sft
		4	12		4	192 Sft
	M.Os	4	10		4	160 Sft
		4	15.625		4	250 Sft
	Lav. passage	4	6		4	96 Sft
	Already Existing Corridor passage	2	223.875		4	1791 Sft
	Medicine Store	2	105		4	840 Sft
	Medicine Store	1	16		4	64 Sft
	Medicine Store	1	23		4	92 Sft
	D/D					6334 Sft
	<b>Diagnostic Block</b>					
	D1	6	4.5		4	108 Sft
	D3	8	3.5		4	112 Sft
	D4	12	3		4	144 Sft
	Ramp door	2	6		4	48 Sft
	D4A	2	3		4	24 Sft
					Total	436 Sft
				Net Total		5898 Sft

*Circulation of 1*  
*Area 0.5*  
*Post*

S.No	Description	Nos	Length	Breadth	Depth	Qty
9	Preparing of surface with wall putty emulsion two coats on old surface after Scraping Ordinary distemper, oil bound distemper, or paint of wall.					
	<b>Diagnostic Block</b>					
	Ver:	1	76.5	7		536 Sft
	X-ray room	1	13.375	17.25		231 Sft
	Filem store	1	8	8.625		69 Sft
	Dark room	1	8	9		72 Sft
	Nursing station	1	8	12.625		101 Sft
	Store	1	8	5		40 Sft
	Operation theater	1	20	18		360 Sft
	Sterilization	1	12	9.625		116 Sft
	Scrub up	1	12	8		96 Sft
	Delivery	1	13.625	18		245 Sft
	Passage	1	9	41.75		376 Sft
		1	3.5	13.625		48 Sft
	Corridor	1	53.375	8.625		460 Sft
		1	20.75	8.625		179 Sft
	Male toilet	1	8	13.625		109 Sft
	Lab:	1	13.75	13.625		187 Sft
	Male and Female doctbr	2	8	13.625		218 Sft
	Plaster room	1	10	13.625		136 Sft
	Labour room	1	16	13.625		218 Sft
	Female toilet	1	7.625	13.625		104 Sft
	Passge link from outdoor	1	30	9		270 Sft
	Passage to indoor block	1	30	9		270 Sft
	<b>Diagnostic Block</b>					
	Ver:	2	76.5		8	1224 Sft
		2	7		8	112 Sft
	X-ray room	2	13.375		8	214 Sft
	Filem store	2	17.25		8	276 Sft
		2	8		8	128 Sft
	Dark room	2	8.625		8	138 Sft
		2	8		8	128 Sft
	Nursing station	2	9		8	144 Sft
		2	8		8	128 Sft
	Store	2	12.625		8	202 Sft
		2	8		8	128 Sft
	Operation theater	2	5		8	80 Sft
		2	20		8	320 Sft
	Sterilization	2	18		8	288 Sft
		2	12		8	192 Sft
	Scrub up	2	9.625		8	154 Sft
		2	12		8	192 Sft
	Delivery	2	8		8	128 Sft
		2	13.625		8	218 Sft
		2	18		8	288 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	Passage	2	9		8	144 Sft
		2	41.75		8	668 Sft
		2	3.5		8	56 Sft
	Corridor	2	13.625		8	218 Sft
		2	53.375		8	854 Sft
		2	8.625		8	138 Sft
	Male toilet	2	20.75		8	332 Sft
		2	8.625		8	138 Sft
		2	8		8	128 Sft
	Lab	2	13.625		8	218 Sft
		2	13.75		8	220 Sft
	Male and Female doctor	2	13.625		8	218 Sft
		4	8		8	256 Sft
	Plaster room	4	13.625		8	436 Sft
		2	10		8	160 Sft
	Labour room	2	13.625		8	218 Sft
		2	16		8	256 Sft
	Female toilet	2	13.625		8	218 Sft
		2	7.625		8	122 Sft
	Passage link from outdoor	2	13.625		8	218 Sft
		2	30		8	480 Sft
	Passage to indoor block	2	9		8	144 Sft
		2	30		8	480 Sft
		2	9		8	144 Sft
					Total	15586 Sft
	Deductions					
	Diagnostic Block					
	W2	2	8		9	144 Sft
	W4	7	4		5.5	154 Sft
	H.W1	2	4		4	32 Sft
	Diagnostic Block					
	D1	6	4.5		9	243 Sft
	D3	8	3.5		9	252 Sft
	D4	12	3		9	324 Sft
					Total	1149 Sft
					Total	14437 Sft
10	Preparing surface and painting to door and windows any type 3 coats on new surface.					
	Diagnostic Block					
	D1	6	4.5		9	243 Sft
	D3	8	3.5		9	252 Sft
	D4	12	3		9	324 Sft
					Total	819 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
11	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. Epoxy					
	Floors Diagnostic Block					
	O P T	1	20	18		360 Sft
					Total	360 Sft
12	Providing and fixing 2"X2" Stainless Steel 14 SWG Corner Guard angle with bevelled corner and 0.8 mm bend at edges duly pasted with premium grade self-adhesive glue strips with excellent hold/(double sided Tape) as approved and directed by the Engineer Incharge.					
	Corners					
	40 bedded hospital	52	2	4		416 Rft
					Total	416 Rft
13	Removing door with/out chowkat.					
		18				18 No's
					Total	18 No's
14	Providing and fixing 2.5mm thick Deodar/Ash/ Oak wood ply best quality as approved by Engineer Incharge.					
	Diagnostic Block					
	D1	3	4.5		6.875	93 Sft
	D3	4	3.5		6.875	96 Sft
	D4	6	2.875		6.875	119 Sft
	Ramp door	1	6		6.875	41 Sft
	D4A	1	2.75		6.875	19 Sft
					Total	368 Sft
	For Both Sides double = 2x (368 x 2) =					1471 Sft
15	Providing and fixing ornamental wooden architrave 3" x (1½" tapered to ¼") all along the door frame complete in all respect. Deodar wood architrave					
	Diagnostic Block					
	D1	3	4.5		9	122 Sft
	D3	4	3.5		9	126 Sft
	D4	6	3		9	162 Sft
	Ramp door	1	6		8.5	51 Sft
	D4A	1	3		9	27 Sft
					Total	488 No's
16	Removing windows and sky lights with chowkat.					
		22				22 No's
					Total	22 No's

S.No	Description	Nos	Length	Breadth	Depth	Qty
17	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. 3/8" Squar Bars					
	Windows					
	Diagnostic Block					
	W1	1	10		5.5	55 Sft
	W2	2	4		9	72 Sft
	W3	2	6		5.5	66 Sft
	W4	2	4		5.5	44 Sft
	W4	7	4		5.5	154 Sft
	H.W1	2	4		4	32 Sft
	H.W1	5	4		4	80 Sft
	Counter service windows	2	4		3.25	26 Sft
					Total	529 Sft
18	Providing and fixing Aluminum Fly screen comprising of Fiber /Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6 mm thick with rubber gasket i/c cost of Hard wares as approved and directed by the engineer incharge. complete in all respect.					
	Windows					
	Diagnostic Block					
	W1	1	10		5.5	55 Sft
	W2	2	8		9	144 Sft
	W3	2	6		5.5	66 Sft
	W4	2	4		5.5	44 Sft
	W4	7	4		5.5	154 Sft
	H.W1	2	4		4	32 Sft
	H.W1	5	4		4	80 Sft
	Counter service windows	2	4		3.25	26 Sft
					Total	601 Sft
	1/2"				Total	301
					Total	301 Sft
19	Providing and fitting all types of glazed aluminum windows of anodised/ powder coated partly fixed and partly sliding using deluxe sections of approved manufacturer 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.					
	Windows					
	Diagnostic Block					
	W1	1	10		5.5	55 Sft
	W2	2	4		9	72 Sft
	W3	2	6		5.5	66 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	W4	2	4		5.5	44 Sft
	W4	7	4		5.5	154 Sft
	H.W1	2	4		4	32 Sft
	H.W1	5	4		4	80 Sft
	Counter service windows	2	4		3.25	26 Sft
					Total	529 Sft
20	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. China Verona					
	Windows					
	Diagnostic Block					
	W1	1	10		1.5	15 Sft
	W2	2	8		1.5	24 Sft
	W3	2	6		1.5	18 Sft
	W4	2	4		1.5	12 Sft
	W4	7	4		1.5	42 Sft
	H.W1	2	4		1.5	12 Sft
	H.W1	5	4		1.5	30 Sft
	Counter service windows	2	4		1.5	12 Sft
					Total	165 Sft
21	Removing door with chowkat. Toilets					
	Toilets	4				4 No's
					Total	4 No's
32	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					
	Diagnostic Block					
	D5	1	2.25		7	16 Sft
	D6	4	2.25		6.5	59 Sft
					Total	74 Sft
33	Dismantling glazed or encaustic tiles, etc. Toilets					
	Diagnostic Block					
	Male toilet	1	8		13.625	109 Sft
	Female toilet	1	7.625		13.625	104 Sft
	Diganostic block D4A	1	3		0.375	1 Sft
	D5	1	2.25		0.375	1 Sft
	D6	4	2.25		0.375	3 Sft
	D6	3	2.25		0.75	5 Sft
					Total	223 Sft



S.No	Description	Nos	Length	Breadth	Depth	Qty
34	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy /Matt /Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"					
	<b>Diagnostic Block</b>					
	Male toilet	1	8	13.625		109 Sft
	Female toilet	1	7.625	13.625		104 Sft
	Diganostic block D4A	1	3	0.375		1 Sft
	D5	1	2.25	0.375		1 Sft
	D6	4	2.25	0.375		3 Sft
	D6	3	2.25	0.75		5 Sft
	Lab	1	8.75	13.625		119 Sft
	<b>Total</b>					<b>343 Sft</b>
35	Dismantling glazed or encaustic tiles, etc.					
	<b>Diagnostic Block</b>					
	Male toilet	4	8		7	224 Sft
		2	13.625		7	191 Sft
		2	5		7	70 Sft
	Female toilet	4	7.625		7	214 Sft
		2	13.625		7	191 Sft
		2	5		7	70 Sft
		2	3.625		7	51 Sft
	<b>Deduction</b>					
	Diganostic block D4A	1	3		Total	1010 Sft
	D5	1	2.25		7	21 Sft
	D6	8	2.25		7	16 Sft
	D6	3	2.25		7	126 Sft
					7	47 Sft
	<b>Total</b>				Total	210 Sft
						<b>800 Sft</b>
36	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy /Matt /Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"					
	<b>Diagnostic Block</b>					
	Male toilet	4	8		7	224 Sft
		2	13.625		7	191 Sft
		2	5		7	70 Sft
	Female toilet	4	7.625		7	214 Sft
		2	13.625		7	191 Sft
		2	5		7	70 Sft
		2	3.625		7	51 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	Lab	1	30.125		4	121 Sft
	Deduction				Total	1130 Sft
	Diganostic block D4A	1	3		7	21 Sft
	D5	1	2.25		7	16 Sft
	D6	8	2.25		7	126 Sft
	D6	3	2.25		7	47 Sft
					Total	210 Sft
37	Pacca Brick Work 1:4 in Other then Buildings upto 10' Height					920 Sft
	Lab					
	Stays	7	2	0.375	2.5	13 Cft
					Total	13 Cft
38	1/2" cement sand plaster 1:4 upto 20' height					
	Lab					
	Stays	7	4.375		2.5	77 Sft
					Total	77 Sft
39	Rec in roof slab beams column lintel girders, slab and other structural members etc complete nominal mix 1:2:4 ratio					
	Lab					
	Shelf	1	8.75	2	0.333	6 Cft
	Shelf	1	11.625	2	0.333	8 Cft
					Total	14 Cft
40	Fabrication of mild steel reinforcement i/c cutting bending laying in position i/c cost of binding wire and labour charges deformed bars. 40 Grade					
	Lab					
	Shelves	1	14	6.75	0.4536	42 Kg
					Total	42 Kg
41	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. China Verona					
	Lab					
	Shelf	1	13.75	2		28 Sft
	Shelf	1	8.75	2		18 Sft
	Indoor Entrance Seats	12	10	2.5		50 Sft
					Total	95 Sft
42	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 4" dia (100 mm)					
		4	x	14		56 Rft
					Total	56 Rft

S.No	Description	Nos	Length	Breadth	Depth	Qty
43	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 3" dia	2	x	14		28 Rft
					Total	28 Rft
44	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.	12	x	2		24 Nos

Sub Divisional Officer  
Buildings Sub Division  
, Shahkot.

Shahko

**ANALYSIS OF RATE FOR Providing and fixing 22-SWG /12X12 G.I wire mesh and expanded metal (diamond hole shape ) 5mm thick duly fixed with M.S patti 1"x1/8" on M.S angle iron frame 1 1/2"x1 1/2"x3/16" and braces @ 2 ft C/c horizontally & vertically i/c the cost of matt paint as approved & directed by the Engineer Incharge**

Unit of Rate = Per Sft

Take for Analysis 6 x 6 = 36 Sft

**"A"**

**MATERIAL**

1. G.I Wire Mesh 12" x 12" expanded metal

2 x 6 x 6

= 72 Sft @ 35.00 P Sft 2520 /-

2. M.S angle iron 1 1/2"x1 1/2"x3/16" leave frame

(6+6+6+6)

Total  
= 24 Rft  
= 24 Rft  
= 1.72 Rft  
= 25.72 Rft

12.119.

Add 5% wastage

Total

Weight 25.72 x 1.47 x 0.454

= 17.14 Kg @ 223.05 P Sft 3823 /-

3. M.S flat 1/2"x1/8"

12.120. 6+6+6+6) x 2

Total  
= 48 Rft  
= 48 Rft  
= 1.72 Rft  
= 49.72 Rft

Add 5% wastage

Total

Weight 49.72 x 0.21 x 0.454

= 4.74 Kg @ 223.05 P Sft 1057 /-

**"B"**

**LABOUR**

1. Labour for cutting all M.S section to required size, straightening assembling and welding complete i/c fixing at site.

= 66.8 Kg @ 50.00 P Kg 3340 /-

Total = 10740 /-

Add 20% contractor profit on Rs.


8220 /-

G. Total = 12384 /-


Therefore rate for Per Sft =  $\frac{12384}{36}$  = 344.01 Per Sft

Say = 344 /- Per Sft

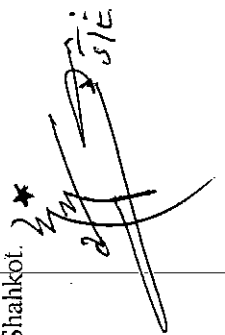
Sub Divisional Officer,  
Buildings Sub Division,  
Shahkot



S.No	Description	Nos	Length	Breadth	Depth	Qty
24	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.					
		6	x	2		12 Nos



Sub Divisional Officer  
Buildings Sub Division  
Shahkot. \*



5/12

AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA SAHIB

( OUT DOOR PATIENT BLOCK)

S.No	Description	As Per Approved A.A				As Per Amended Rough Cost Estimate				Remarks
		Unit	Qty	Rate	Amount	Unit	Qty	Rate	Amount	
1	Petty repair to main rooms.	Each	1		0	Each	10	1118.7	11187	
2	Petty repair to small rooms.	Each	1		0	Each	10	1118.7	11187	
3	Petty repair to verandah.	Each	1		0	Each	5	559.30	2797	
4	Dismantling cement concrete 1:2:4 Plain	Each	1		0	Each	10	1063.65	10637	
5	P/L plain Cement concrete (1:2:4) using coarse sand and washed aggregate) i/c placing compacting and directed by the Engineer Incharge. 600mm x 600 mm	% CH	100		0	% CH	152	11174.6	16964	
6	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. 600mmx 600 mm	% CR	100	22758.4	53406	% CR	114	38205.3	43527	9879
7	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. 600mm x600 mm	P SH	1987	249	494680	P SH	2321	340.6	790426	295746
8	Distemping two coats on old surface after Scraping Ordinary distemper, oil-bound distemper, or paint of wall.	P SH	8271	259	2142275	P SH	4279	340.6	1457427	684848
9	Preparing of surface with wall putty emulsion two coats on old surface after Scraping Ordinary distemper, oil bound distemper, or paint of wall	% SH	29067	963.25	279988	% SH				279988
10	Preparing surface and painting to door and windows any type 3 coats on new surface.	% SH	100		0	% SH	100	23752	23752	
11	Providing and fixing 2"X2" Stainless Steel 14 SWG Corner Guard angle with bevelled corner and hold(double sided Tape) as approved and directed by the Engineer Incharge.	% SH	100	1698	1418.5	% SH	1940	2714.8	52654	28567
12	Removing door with chowkai	P.RH	1		0	P.RH	560	170	95200	95200
	Providing and fixing 2.5mm thick Decodar/Asht/ Oak wood ply best quality as approved by Engineer Incharge.	Each	1		0	Each	10	438	4380	4380

S.No	Description	Unit	Qty	Rate	Amount	Unit	Qty	Rate	Amount	Excess	Saving	Remarks
13	Providing and fixing ornamental wooden architrave 3" x (1/2" tapered to 1/4") all along the door frame complete in all respect. Decodar wood architrave											
14	Removing windows and sky lights with chowkat	P SR	1	0	970	P SR	1	103.4	100272	100272		
15	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-in-charge. 3/8" Squar Bars	P SR	1	0	1139	P SR	1	854.2	972934	972934		
16	Providing and fixing Aluminium Fly screen comprising of Fiber /Aluminium wire gauze (Malasian) fixed in aluminium frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6 mm thick with rubber gasket i/c cost of Hard-wares as approved and directed by the engineer-in-charge.											
17	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated, partly fixed and partly sliding using deluxe sections of approved manufacturer having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x1/2"), 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.	P SR	1	0	570	P SR	1	453.05	280792	280792		
18	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-in-charge. China Verona	P SR	1	0	339	P SR	1	412.35	139787	139787	229679	✓
19	Removing door with chowkat. Toilets	Each	1	0	1	Each	1	438	4818	4818		
20	P/F 1 1/2" (40mm) thick semi solid panelled or panelled and glazed doors comprising of solid wood styles and rails of specified width and panels of 2.5 mm thick veneer ply matching with wood used with grooves, pasted on both sides of 1" thick Lasaani wood panel with tapered edges i/c the cost of lower bolt, handles complete in all respect (Excluding the cost of chowkat frame, sliding bolt and lock) as approved and directed by Engineer-in-charge. (ii) Oak/Ash Wood i/c angle non chowkat	P SR	1	0	232	P SR	1	1871.85	434971	434971		
21	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy /Mat /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-in-charge. 12"x18"/12"x24"/10"x24"/8"x24"/12"x36"	P SR	1	0	568	P SR	1	240	136388	136388		
22	Dismantling glazed or encaustic-tiles etc.											
23	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy /Mat /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-in-charge. 12"x18"/12"x24"/10"x24"/8"x24"/12"x36"	% SR	100	0	2245	% SR	100	1083	24313	24313		
24	Pacca Brick Work 1:4 in Other then Buildings upto 10' Height	P SR	100	0	2366	P SR	1	240	567840	567840		
25	1/2" cement sand plaster 1:4 upto 20' height	% CR	100	0	34619.5	% CR	100	3116	3116	3116		
26	Rcc in roof slab beams column lintel girders, slab and other structural members etc complete nominal mix 1:2:4 ratio	% SR	100	0	3248.1	% SR	100	1705	1705	1705		
27	Fabrication of mild steel reinforcement i/c cutting bending laying in position i/c cost of binding wire and labour charges deformed bars. #10 Grade	P CR	1	0	556.5	P CR	11	5930	5930	5930		
		% Kg	100	0	31381.2	% Kg	33	10239	10239	10239		
As Per Approved A-A					As Per Amended Rough Cost Estimate							

S.No	Description	As Per Approved A.A						As Per Amended Rough Cost Estimate					
		Unit	Qty	Rate	Amount	Unit	Qty	Rate	Amount	Excess	Saving	Remarks	
28	Providing and laying 3/4" thick full width Prepolished Marble slab for Vanities /Shelves /Treads /Window Cills, having Uniform texture (Spolless) with adhesive bond over 5/4" 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, Clima Verona	P.SA	1	0		P.SA	218	412.35	90686				
29	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 4" dia (100 mm)	P.SA	1	0		P.SA	56	326.1	18262				
30	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 3" dia	P.RA	1	0		P.RA	28	291.6	8165				
31	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting	P.RA	1	0		P.RA	28	291.6	8165				
32	Providing and fixing 22-SWG /12X12 G.I wire mesh and expanded metal (diamond hole shape) 5mm thick duly fixed with M.S part 1"x1/8" on M.S angle iron frame 1 1/2"x1 1/2"X3/16" and braces @ 2 ft C/c horizontally & vertically i/c the cost of matt paint as approved & directed by the Engineer incharge	Each	1	0		Each	10	469.95	4700				
	D/d cost of old Windows L-S		0				30	9000	270000				
		Total	0			Total	30		270000				
					2994436				8074892				
									247680				
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# AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA SAHIB

## (OUT DOOR PATIENT BLOCK)

S.No	Description	Unit	Qty	Rate	Amount	Remarks
1	Petty repair to main rooms.	Each	10	1118.7	11187	
2	Petty repair to small rooms.	Each	5	559.30	2797	
3	Petty repair to verandah.	Each	10	1063.65	10637	
4	Dismantling cement concrete 1:2:4 Plain	Each	152	11174.6	16964	
5	P/L plain Cement concrete (1:2:4) using coarse sand and washed aggregate) i/c placing compacting	% CH	100	38205.3	43527	
6	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. 600mmx 600 mm	% CH	114	340.6	790426	
7	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. 600mm x 600 mm	P SH	2321	340.6	1672005	
8	Preparing of surface with wall putty emulsion two coats on old surface after Scraping Ordinary distemper, oil bound distemper, or paint of wall.	P SH	4909	340.6	1672005	
9	Preparing surface and painting to door and windows any type 3 coats on new surface.	% SH	23752	3924.88	932237	
10	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.	% SH	1940	2714.8	52654	
11	Removing door with chowkat.	P.RH	560	170	95200	
12	Providing and fixing 2.5mm thick Deodar/Ash/ Oak wood ply best quality as approved by Engineer Incharge.	Each	10	438	4380	
		P SH	697	526.86	353240	
			2788	86	239752	

S.No	Description	Unit	Qty	Rate	Amount	Remarks
13	Providing and fixing ornamental wooden architrave 3" x (1 1/2" tapered to 1/2") all along the door frame complete in all respect. Deodar wood architrave	P Sft	970	103.4	100272	
14	Removing windows and sky lights with chowkat.	Each	30	341.5	10245	
15	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. 3/8" Squar Bars	P Sft	1139	854.2	972934	
16	Providing and fixing Aluminium Fly screen comprising of Fiber /Aluminum wire guaze (Malasian) fixed in aluminium frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6 mm thick with rubber gasket i/c cost of Hard wares as approved and directed by the engineer incharge. complete in all respect.	P Sft	570	493.05	280792	
17	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x1/4"), 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.	P Sft	1139	1348.4	1535828	
18	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. China Verona	P Sft	339	412.35	139787	
19	Removing door with chowkat. Toilets	Each	11	438	4818	
20	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	P Sft	232	1468.35	340890	
21	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.	P Sft	240	136388	136388	
22	Dismantling glazed or encaustic tiles etc.	% Sft	2245	1083	24313	

S.No	Description	Unit	Qty	Rate	Amount	Remarks
23	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.	P SA	2366	240	567840	
24	Pacca Brick Work 1:4 in Other then Buildings upto 10' Height	% CH	9	34619.5	3116	
25	1/2" cement sand plaster 1:4 upto 20' height	% SA	53	3248.1	1705	
26	Rcc in roof slab beams column lintel girders, slab and other structural members etc complete nominal mix 1:2:4 ratio	P CH	11	556.5	5930	
27	Fabrication of mild steel reinforcement i/c cutting bending laying in position i/c cost of binding wire and labour charges deformed bars. 40 Grade	% Kg	33	31381.2	10239	
28	Providing and laying 3/4" thick full width Repolished 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. China Verona	P SA	218	412.35	89686	
29	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 4" dia (100 mm)	P RA	56	326.1	18262	
30	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 3" dia	P RA	28	291.6	8165	
31	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.	Each	10	469.95	4700	
32	Providing and fixing 22-SWG /12X12 G.I wire mesh and expanded metal (diamond hole shape) 5mm thick duly fixed with M.S pati 1"x1/8" on M.S angle iron frame 1 1/2"x1 1/2"x3/16" and braces @ 2 ft C/c horizontally & vertically i/c the cost of matt paint as approved & directed by	P SA	720	344	247680	
				Total	8286125	
	D/d cost of old Windows L-S	30	9000	270000	8375125	
				Total	270000	
				Total	8016125	

8105353/

Sub Divisional Officer  
Buildings Sub Division Shahkot

**AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL  
HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA**

**IN - SAHIB  
(OUT DOOR PATIENT BLOCK)  
(BUILDINGS PORTION)**

S.No	Description	Nos	Length	Breadth	Depth	Qty
1	Petty repair to main rooms	10				10 No's
					Total	10 No's
2	Petty repair to small rooms					
		5				5 No's
					Total	5 No's
3	Petty repair to verandah					
		10				10 No's
					Total	10 No's
4	Dismantling cement coherent 1:2:4 Plain					
	<b>OUT DOOR</b>					
	Linen, Store/ Pantry	2	9	19	0.125	43 Cft
	Nursing station	2	11	12	0.125	33 Cft
	Medical Officer	2	10	15.625	0.125	39 Cft
	Exam	4	5	7.25	0.125	18 Cft
	Exam	2	5	7.625	0.125	10 Cft
	Exam	1	7.25	7.625	0.125	7 Cft
	Cills Outdoor block D4	1	4.5	0.75	0.125	0 Cft
	D5	1	3.5	0.75	0.125	0 Cft
	D7	5	2.75	0.375	0.125	0 Cft
	D7A	8	2.75	0.375	0.125	1 Cft
					Total	152 Cft
5	P/L plain Cement concrete (1:2:4) using coarse sand and washed aggregate) i/c placing compacting curing finishing complete in all respect.					
	<b>OUT DOOR</b>					
	Linen, Store/ Pantry	1	9	19	0.125	21 Cft
	Nursing station	1	11	12	0.125	17 Cft
	Medical Officer	2	10	15.625	0.125	39 Cft
	Exam	4	5	7.25	0.125	18 Cft
	Exam	2	5	7.625	0.125	10 Cft
	Exam	1	7.25	7.625	0.125	7 Cft
	Cills Outdoor block D4	1	4.5	0.75	0.125	0 Cft
	D5	1	3.5	0.75	0.125	0 Cft
	D7	5	2.75	0.375	0.125	1 Cft
	D7A	8	2.75	0.375	0.125	1 Cft
					Total	114 Cft

S.No	Description	Nos	Length	Breadth	Depth	Qty
6	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.600mmx 600 mm					
	IN					0
	Out Door					
	Linen, Store/ Pantry	1	9	19		171 Cft
	Nursing station	1	11	12		132 Cft
	Medical Officer	2	10	15.625		313 Cft
	Exam	4	5	7.25		145 Cft
	Exam	2	5	7.625		76 Cft
	Entrance lobby	1	20.5	16		328 Cft
	Exam	1	7.25	7.625		55 Cft
	Cills Outdoor block D4	1	4.5	0.75		3 Cft
	D5	1	3.5	0.75		3 Cft
	D7	5	2.75	0.375		5 Cft
	D7A	8	2.75	0.375		8 Cft
	Out Door Block					
	Corridor	1	53.375	8		427 Sft
		1	20.75	11		228 Sft
	Interance at Out Door	1	12	35.5		426 Sft
					Total	2321 Cft
7	Providing and laying superb quality Porcelain glazed tiles of Master brand ,skirting /clado of specified size Color and Shade with adhesive /bond over 1/2" thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge.600mm x600 mm					
	out door Block					
	Ramp hall/Male Ward	2	57.5		4	460 Sft
		2	17		4	136 Sft
	Stair hall with passage	2	18.875		4	151 Sft
		2	16.25		4	130 Sft
	Ver.	2	130.875		4	1047 Sft
	18 bed wards	4	35.625		4	570 Sft
		4	47.5		4	760 Sft
	2 bed wards	4	12		4	192 Sft
		4	19		4	304 Sft
	Stores	4	5		4	80 Sft
		4	12		4	192 Sft
	Pantry,linen store	4	9		4	144 Sft
		4	19		4	304 Sft
	Paasge ent.	2	11.75		4	94 Sft
		2	42.625		4	341 Sft
	Corridor	4	27.125		4	434 Sft
		2	8		4	64 Sft
	Nursing station	4	11		4	176 Sft

Wards  
Circulation Area  
4'  
Rest 0.5'

S.No	Description	Nos	Length	Breadth	Depth	Qty
	D/D	4	12		4	192 Sft
	Outdoor block					5771 Sft
	DW2	4	8.625			
	D3	2	4.5		4	138 Sft
	D4	2	4.5		4	36 Sft
	D5	38	3.5		4	36 Sft
	D6	10	3		4	532 Sft
					Total	120 Sft
					Net Total	862 Sft
8	Preparing of surface with wall putty emulsion two coats on old surface after Scraping Ordinary distemper, oil bound distemper or paint of wall.					4909 Sft
	<b>Outdoor block</b>					
	Ramp hall	1	60.5	16.25		983 Sft
	Stair hall with passage	1	18.875	16.25		307 Sft
	Ver:	1	130.875	7		916 Sft
	18 bed wards	2	35.625	47.5		3384 Sft
	2 bed wards	2	12	19		456 Sft
	Ward lav:	2	5	6.625		66 Sft
	Stores	2	5	12		120 Sft
	Pantry, linen store	2	9	19		342 Sft
	Passage ent:	1	11.75	42.625		501 Sft
	Corridor	2	27.125	8		434 Sft
	Nursing station	2	11	12		264 Sft
	Linen, Store	2	5.625	6.625		75 Sft
	Store	2	5	12		120 Sft
	M.Os	2	10	15.625		313 Sft
	M.O toilet, nursing toilet	4	5	6.625		133 Sft
	Lav. passage	2	6	7.25		87 Sft
	lav:	2	19.25	9.25		356 Sft
	<b>Roof beams</b>					
	Outdoor block.					
	Roof beam Waiting, Emer., Dent:	8	13.625		1.083	118 Sft
	Roof beam Waiting, M.S., Adm., WMO	8	14		1.083	121 Sft
	Diagnostic block.					
	Roof beams operation the:	2	18		1.083	39 Sft
	beam labour room	2	13.625		1.083	30 Sft
	Indoor block					
	Beam 18-bed wards	8	35.625		1.5	428 Sft
		8	47.5		1.5	570 Sft
	<b>Outdoor Block</b>					
	Ramp hall	2	60.5		8	968 Sft
		2	16.25		8	260 Sft
	Stair hall with passage	2	18.875		8	302 Sft
		2	16.25		8	260 Sft
	Ver:	2	130.875		8	2094 Sft
		2	7		8	112 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	18 bed wards	4	35.625		8	1140 Sft
	2 bed wards	4	47.5		8	1520 Sft
		4	12		8	384 Sft
	Ward lav	4	19		8	608 Sft
		4	5		8	160 Sft
	Stores	4	6.625		8	212 Sft
		4	5		8	160 Sft
	Pantry, linen store	4	12		8	384 Sft
		4	9		8	288 Sft
	Paasge ent:	4	19		8	608 Sft
		12	11.75		8	188 Sft
	Corridor	2	42.625		8	682 Sft
		4	27.125		8	868 Sft
	Nursing station	4	8		8	256 Sft
		4	11		8	352 Sft
	Linen, Store	4	12		8	384 Sft
		4	5.625		8	180 Sft
	Store	4	6.625		8	212 Sft
		4	5		8	160 Sft
	M.Os	4	12		8	384 Sft
		4	10		8	320 Sft
	M.O toilet, nursing toilet	4	15.625		8	500 Sft
		8	5		8	320 Sft
	Lav. passage	8	6.625		8	424 Sft
		4	6		8	192 Sft
	lav	4	7.25		8	232 Sft
		4	19.25		8	616 Sft
		4	9.25		8	296 Sft
					Total	26187 Sft
	Deductions					
	Windows openings					
	Outdoor Block W2	18	4		5.5	396 Sft
	H.W1	7	4		3	84 Sft
	H.W2	4	2		2	16 Sft
	Outdoor block					
	DW2	4	8.625		9	311 Sft
	D3	2	4.5		9	81 Sft
	D4	2	4.5		9	81 Sft
	D5	38	3.5		9	1197 Sft
	D6	10	3		9	270 Sft
					Total	2436 Sft
					Total	23752 Sft
9	Preparing surface and painting to door and windows any type 3 coats on new surface.					
	Outdoor block					
	DW2	4	8.625		9	311 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
D3		2	4.5		9	81 Sft
D4		2	4.5		9	81 Sft
D5		38	3.5		9	1197 Sft
D6		10	3		9	270 Sft
10	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.				Total	1940 Sft
	<b>Corners</b>					
	40 bedded hospital					
		70	2	4		560 Rft
					Total	560 Rft
11	Removing door with chowkat.					
		10				10 No's
					Total	10 No's
12	Providing and fixing 2.5mm thick Deodar/Ash/ Oak wood ply best quality as approved by Engineer Incharge.					
	<b>Outdoor block</b>					
DW2		2	8.375		6.875	115 Sft
D3		1	4.25		6.875	29 Sft
D4		1	4.25		6.875	29 Sft
D5		19	3.25		6.875	425 Sft
D6		5	2.875		6.875	99 Sft
					Total	697 Sft
	<del>For Both Sides double = 2x (697x2) =</del>					<del>2788 Sft</del>
13	Providing and fixing ornamental wooden architrave 3" x (1 1/2" tapered to 1/2") all along the door frame completed in all respect. Deodar wood architrave					
	<b>Outdoor block</b>					
DW2		2	8.625		9	155 Sft
D3		1	4.5		9	41 Sft
D4		1	4.5		9	41 Sft
D5		19	3.5		9	599 Sft
D6		5	3		9	135 Sft
					Total	970 No's
14	Removing windows and sky lights with chowkat.					
		30				30 No's
					Total	30 No's



S.No	Description	Nos	Length	Breadth	Depth	Qty
15	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. 3/8" Squar Bars					
	Windows					
	Outdoor Block W2	26	4		5.5	572 Sft
	DW2	4	2		8.5	68 Sft
	W4	9	6		5.5	297 Sft
	H.W1	10	4		3	120 Sft
	H.W2	4	2		2	16 Sft
	Service windows	4	3		5.5	66 Sft
					Total	1139 Sft
16	Providing and fixing Aluminum Fly screen comprising of Fiber /Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6 mm thick with rubber gasket i/c cost of Hard wares as approved and directed by the engineer incharge. complete in all respect.					
	Windows					
	Outdoor Block W2	26	4		5.5	572 Sft
	DW2	4	2		8.5	68 Sft
	W4	9	6		5.5	297 Sft
	H.W1	10	4		3	120 Sft
	H.W2	4	2		2	16 Sft
	Service windows	4	3		5.5	66 Sft
					Total	1139 Sft
	1/2"					570
					Total	570 Sft
17	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using delux sections of approved manufacturer 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.					
	Windows					
	Outdoor Block W2	26	4		5.5	572 Sft
	DW2	4	2		8.5	68 Sft
	W4	9	6		5.5	297 Sft
	H.W1	10	4		3	120 Sft
	H.W2	4	2		2	16 Sft
	Service windows	4	3		5.5	66 Sft
					Total	1139 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
18	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. China Verona					
	Windows					
	Outdoor Block W2	26	4		1.5	156 Sft
	DW2	4	2		1.5	12 Sft
	W4	9	6		1.5	81 Sft
	H.W1	10	4		1.5	60 Sft
	H.W2	4	2		1.5	12 Sft
	Service windows	4	3		1.5	18 Sft
	<b>Total</b>				<b>Total</b>	<b>339 Sft</b>
19	Removing door with chowkat. Toilets					
	Toilets	11				11 No's
	<b>Total</b>				<b>Total</b>	<b>11 No's</b>
20	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					
	Outdoor block					
	D7	5	2.75		6.5	89 Sft
	D7A	8	2.75		6.5	143 Sft
	<b>Total</b>				<b>Total</b>	<b>232 Sft</b>
21	Dismantling glazed or encaustic tiles, etc. Toilets					
	Out Door					
	Ward lav:	2	5	6.625		66 Sft
	M.O toilet, nursing toilet lav:	4	5	6.625		133 Sft
	Outdoor block D7	2	19.25	9.25		356 Sft
	D7A	5	2.75	0.375		5 Sft
		8	2.75	0.375		8 Sft
	<b>Total</b>				<b>Total</b>	<b>568 Sft</b>
22	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy /Matt /Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"					
	Out Door					
	Ward lav:	2	5	6.625		66 Sft
	M.O toilet, nursing toilet lav:	4	5	6.625		133 Sft
		2	19.25	9.25		356 Sft
	Outdoor block D7	5	2.75	0.375		5 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	D7A	8	2.75	0.375		8 Sft
23	Dismantling glazed or encaustic tiles, etc.				Total	568 Sft
	<b>Out Door</b>					
	Ward lav:	4	5		7	140 Sft
		4	6.625		7	186 Sft
	M.O toilet, nursing toilet	8	5		7	280 Sft
		8	6.625		7	371 Sft
	18-Beded lav:	4	19.25		7	539 Sft
		12	9.25		7	777 Sft
		12	4.25		7	357 Sft
	<b>Deduction</b>				Total	2650 Sft
	Outdoor block D7	5	2.75		7	96 Sft
	D7A	16	2.75		7	308 Sft
					Total	404 Sft
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. 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"					2245 Sft
	<b>Out Door</b>					
	Ward lav:	4	5		7	140 Sft
		4	6.625		7	186 Sft
	M.O toilet, nursing toilet	8	5		7	280 Sft
		8	6.625		7	371 Sft
	18-Beded lav:	4	19.25		7	539 Sft
		12	9.25		7	777 Sft
		12	4.25		7	357 Sft
	Lab	1	30.125		4	121 Sft
	<b>Deduction</b>				Total	2770 Sft
	Outdoor block D7	5	2.75		7	96 Sft
	D7A	16	2.75		7	308 Sft
					Total	404 Sft
25	Pacca Brick Work 1:4 in Other then Buildings upto 10' Height					2366 Sft
	<b>Lab</b>					
	Nursing Counters	4	2	0.375	3	9 Cft
					Total	9 Cft
26	1/2" cement sand plaster 1:4 upto 20' height					
	<b>Lab</b>					
	Nursing Counters	4	4.375		3	53 Sft
					Total	53 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
27	Rcc in roof slab beams column lintel girders, slab and other structural members etc complete nominal mix 1:2:4 ratio					
	Lab					
	Dispensary Shelf	1	12	2	0.333	8 Cft
	Nursing Counters	1	4	2	0.333	3 Cft
					Total	11 Cft
28	Fabrication of mild steel reinforcement i/c cutting bending laying in position i/c cost of binding wire and labour charges deformed bars. 40 Grade					
	Lab					
	Shelves	1	11	6.75	0.4536	33 Kg
					Total	33 Kg
29	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. China Verona					
	Lab					
	Entrance Out Door	4	10	2.5		100 Sft
	Linen Store	2	19	2.5		95 Sft
	Nursing Counters	2	4.5	2.5		23 Sft
					Total	218 Sft
30	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 4" dia (100 mm)					
		4	x	14		56 Rft
					Total	56 Rft
31	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 3" dia					
		2	x	14		28 Rft
					Total	28 Rft
32	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.					
33	Providing and fixing 22-SWG /12X12 G.I wire mesh and expanded metal (diamond hole shape ) 5mm thick duly fixed with M.S patti 1"x1/8" on M.S angle iron frame 1 1/2"x1 1/2"x3/16" and braces @ 2 ft C/c horizontally & vertically i/c the cost of material paint as approved & directed by the Engineer Incharge	5	x	2		10 Nos
	Design RCC jali	16	6	6		576 Sft
	Opening Top	16	6	1.5		144 Sft
					Total	720 Sft

Sub Divisional Officer  
Buildings Sub Division

Shahkot.

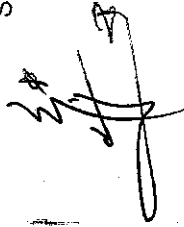
ANALYSIS OF RATE FOR PROVIDING & FIXING ASH WOOD PLY 2.5MM THICK BEST QUALITY COMPLETE IN ALL RESPECTS AS APPROVED BY THE ENGINEER INCHARGE.

"A" MATERIAL					Unit of Rate = Each
1.	P/F Ash wood ply 2.5mm	=	1 Sft		
			@	42.00 PSft	42 /-
2.	Carriage and labour				30 /-
Total =					72 /-
Add 20% Contractor Profit =					14 /-
G. Total =					86 /-
Say Rs =					86 /- Each

CERTIFICATE

- Certified that rates for material and labour are not available on the website of Finance Department for the 2nd Biannual 2022. Rates are available in Market.

Sub Divisional Officer,  
Buildings Sub Division,  
Shahkot.



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ANALYSIS OF RATE FOR Providing and fixing 22SWG /12X12 G.I wire mesh and expanded metal (diamond hole shape ) 5mm thick duly fixed with M.S patti 1"x1/8" on M.S angle iron, frame 1 1/2"x1 1/2"x3/16" and braces @ 2 ft C/c horizontally & vertically i/c the cost of matt paint as approved & directed by the Engineer Incharge

Unit of Rate = Per Sft

Take for Analysis 6 x 6 ± 36 Sft

"A"

**MATERIAL**

1. G.I Wire Mesh 12" x 12" expanded metal

2 x 6 x 6

2. M.S angle iron 1 1/2"x1 1/2"x31/6" leave frame

(6+6+6+6)

Add 5% wastage

12.119.

Total

Total

Weight 25.72 x 1.47 x 0.454

3. M.S flat 1/2"x1/8"

12.120. 6+6+6+6) x 2

Add 5% wastage

Total

Total

Weight 49.72 x 0.21 x 0.454

"B"

**LABOUR**

1. Labour for cutting all M.S section to required size, straightening assembling and welding complete i/c fixing at site.

= 72 Sft @ 35.00 P Sft 2520 /-

= 24 Rft

= 24 Rft

= 1.72 Rft

= 25.72 Rft

= 17.14 Kg @ 223.05 P Sft 3823 /-

= 48 Rft

= 48 Rft

= 1.72 Rft

= 49.72 Rft

= 4.74 Kg @ 223.05 P Sft 1057 /-

= 66.8 Kg @ 50.00 P Kg 3340 /-

Total = 10740 /-

Add 20% contractor profit on Rs.

8220 /-

G. Total =

12364 /-

Therefore rate for Per Sft

= 12384 / 36

344.01 Per Sft

Say = 344 /- Per Sft

Sub Divisional Officer,  
Buildings Sub Division,  
Shahkot

*[Signature]*

THQ HOSPITAL SANGLA HILL					
Provision/Installation of Electrical Equipment					
S.#	Description	Qty:	Unit	Rate	Amount
A	L.T. (LV) SUB-STATION EQUIPMENT:				
1	Construction of Electrical Room			As per requirement	
2	P/F floor mounted ATS (Auto Transfer Switch) panel board, fabricated with 14S WG M.S sheet (Indoor Type) duly painted with 100 microns powder coated paint in approved colour, front access, extendable, insulation class of 600 volts IP-44, incoming & outgoing connections from bottom with flexible copper cable suitable for 415 VAC, 3-phase 4 wire, 50 HZ TPN& E system having rated service, short circuit breaking capacity at 400VAC conforming to IEC-947-2 to accommodate given no of circuit components, instruments & accessories, assembled & wired with Electrolytic Copper bus bars at 50 deg and cables duly cleaned down to bare shining metal phosphate, manual change Over i/c the cost of Lock, Indication lights,limbles, Copper Comb, Wiring, Netural & Earth Bar,CTs,Contactors,Relays, Door Earthing, Brass glands complete in all respects as approved and directed by the Engineer Incharge. (Breakers will be paid additionally)				
	ATS for Dual Supply (Incoming from 200 KVA Transformers)				
	b) 2.00 Ft deep				
	(iii) 200 KVA				
	Incoming Breakers for ATS for Dual Supply (Incoming from 200 KVA Transformers)	1	each	1833652	1833652
1	Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripole Pole 400A(36 KA)				
	by the Engineer Incharge.				
	Outgoing Breakers for ATS for Dual Supply (Incoming from 200 KVA Transformers)	2	each	62433	124866
1	Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripole Pole 400A(36 KA)				
	by the Engineer Incharge.				
	3 P/F floor mounted ATS (Auto Transfer Switch) panel board, fabricated with 14S WG M.S sheet (Indoor Type) duly painted with 100 microns powder coated paint in approved colour, front access, extendable, insulation class of 600 volts IP-44, incoming & outgoing connections from bottom with flexible copper cable suitable for 415 VAC, 3-phase 4 wire, 50 HZ TPN& E system having rated service, short circuit breaking capacity at 400VAC conforming to IEC-947-2 to accommodate given no of circuit components, instruments & accessories, assembled & wired with Electrolytic Copper bus bars at 50 deg and cables duly cleaned down to bare shining metal phosphate, manual change Over i/c the cost of Lock, Indication lights,limbles, Copper Comb, Wiring, Netural & Earth Bar,CTs,Contactors,Relays, Door Earthing, Brass glands complete in all respects as approved and directed by the Engineer Incharge. (Breakers will be paid additionally)				
	ATS for Generators (Incoming from 100 KVA Generators)				
	a) 1.00 Ft deep				
	(iii) 100 KVA				
	Incoming Breakers for ATS for Generators (Incoming from 100 KVA Generators)	1	each	801176	801176
1	Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripole Pole 200A(36 KA)				
	by the Engineer Incharge.				
	Outgoing Breakers for ATS for Generators (Incoming from 100 KVA Generators)	2	each	39813	79626

S.#	Description	Qty:	Unit	Rate	Amount
1	Supplying, installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip ) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripole Pole 200A(36 KA)				
4	P/F floor mounted ATS (Auto Transfer Switch) panel board , fabricated with 14S WG M.S sheet (Indoor Type) duly painted with 100 microns powder coated paint in approved colour , front access ,extendable,insulation class of 600 volts IP-44, incoming & outgoing connections from bottom with flexible copper cable suitable for 415 VAC, 3-phase 4 wire, 50 HZ TPN& E system having rated service, short circuit breaking capacity at 400VAC conforming to IEC-947-2 to accommodate given no of circuit components, instruments & accessories,assembled & wired with Electrolitic Copper bus bars at 50 deg and cables duly cleaned down to bare shining metal phosphate, manual change Over i/c the cost of Lock, Indication lights,thimbles, Copper Comb, Wiring, Natural & Earth Bar,CT's,Contactors,Relays, Door Earthing, Brass glands complete in all respects as approved and directed by the Engineer Incharge. (Breakers will be paid additionally)	2	each	39813	79626
	ATS for Transformers and Generators (Incoming from ATS for Dual Supply and ATS for Generators)				
	a) 1.00 Ft deep				
	(iii) 100 KVA				
	Incoming Breakers for ATS for Transformers and Generators (Incoming from ATS for Dual Supply and ATS for	1	each	801176	801176
	Generators)				
1	Supplying, installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip ) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripole Pole 200A(36 KA) (One for Incoming from ATS for Dual Supply and One for Incoming from ATS for Generators)	2	each	39813	79626
	Outgoing Breakers for ATS for Transformers and Generators (Incoming from ATS for Dual Supply and ATS for				
	Generators)				
1	Supplying, installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip ) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripole Pole 200A(36 KA) (One for New Building and One for Old Building)	2	each	39813	79626
5	P/F floor mounted ATS (Auto Transfer Switch) panel board , fabricated with 14S WG M.S sheet (Indoor Type) duly painted with 100 microns powder coated paint in approved colour , front access ,extendable,insulation class of 600 volts IP-44, incoming & outgoing connections from bottom with flexible copper cable suitable for 415 VAC, 3-phase 4 wire, 50 HZ TPN& E system having rated service, short circuit breaking capacity at 400VAC conforming to IEC-947-2 to accommodate given no of circuit components, instruments & accessories,assembled & wired with Electrolitic Copper bus bars at 50 deg and cables duly cleaned down to bare shining metal phosphate, manual change Over i/c the cost of Lock, Indication lights,thimbles, Copper Comb, Wiring, Natural & Earth Bar,CT's,Contactors,Relays, Door Earthing, Brass glands complete in all respects as approved and directed by the Engineer Incharge. (Breakers will be paid additionally)				
	ATS for Old Building (Incoming from WAPDA Meter and ATS for Transformers and Generators)				
	a) 1.00 Ft deep				
	(iii) 100 KVA				
	Incoming Breakers for ATS for Old Building (Incoming from WAPDA Meter and ATS for Transformers and	1	each	801176	801176
	Generators)				
1	Supplying, installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip ) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripole Pole 200A(36 KA) (One for Incoming from WAPDA Meter and One for Incoming from ATS for Transformers and	2	each	39813	79626
	Outgoing Breakers for ATS for Old Building (Incoming from WAPDA Meter and ATS for Transformers and				
	Generators)				



S.#	Description	Qty:	Unit	Rate	Amount
1	Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip ) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripole Pole 200A(36 KA) (For Old Building)				
6	Small Room/Waterproof Structure for Main DB for ACs (Incoming from 100 KVA Transformer)	2	each	39814	79628
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, Neutral & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Armature selector switch, Current Transformers and Controls Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).				
	Main DB for ACs				
	Incoming from 100 KVA Transformer				
	(i) LT Switchboards				
	a) 2.50 Ft deep				
	(a) 300A (3.0x6x2.5)				
	Incoming Breaker for Main DB for ACs	45%	each	3434	154521
1	Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip ) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripole Pole 300A(36 KA) (Existing)				
	Outgoing Breakers for Main DB for ACs				
1	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) Tripole Pole 63A(10 KA)				
	(a) Single Pole 32A(10 KA)				
	(a) Single Pole 20A(10 KA)				
	(a) Single Pole 16A(10 KA)				
8	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, Armature selector switch, Current Transformers and Controls Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).				
	Main DB for Old Building				
	Incoming from ATS for Old Building (Incoming from WAPDA Meter and ATS for Transformers and Generators)				
	(a) 12" deep				
	(iii) 200A (3"x4"x12")				
	Incoming Breakers for Main DB for Old Building	1/2	each	4497	53964
1	Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip ) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripole Pole 200A(36 KA)				
	Outgoing Breakers for Main DB for Old Building	1	each	39813	39813
1	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) (1*11=11)				
4	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, Armature selector switch, Current Transformers and Controls Complete in all respect as approved and directed by the Engineer Incharge.	11	each	1299	14285

S.#	Description	Qty:	Unit	Rate	Amount
	Sub Main DBs for Old Building				
	Incoming from Main DB for Old Building				
	(a) 6" deep				
	(i) 32A (18"x24"x6") (1*11=11)				
	Incoming Breakers for Sub Main DBs for Old Building				
	1 Supply, 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.	16.50	each	18,634.45	307468.425
	(a) Single Pole 32A(10 KA) (1*11=11)				
	Outgoing Breakers for Sub Main DBs for Old Building				
	11	each		1,298.65	14285.15
	Supply, 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.				
	(d) Single Pole 16A(10 KA) (4*11=44)	44	each	1,298.65	57140.6
	(e) Single Pole 10A(10 KA) (6*11=66)	66	each	1,298.65	85710.9
B	LT POWER CABLE.				
	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.L. wire/trenches, etc. (rate for cable only):-				
	1 185 mm sq (37/0.103") PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable (for 200 KVA Transformers)	250	ft	7,118.40	1779600
	2 95 mm sq (37/0.072") PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable (for 100 KVA Generators and for Main DB for Old Building and Main DB for New Building)	300	ft	3,676.05	1102815
	3 7/1.12 mm (7/0.044") PVC insulated, PVC sheathed twin core, 250/440 volts, copper conductor cables for service connection, in prelaid pipe/G.L. wire/trenches, etc (for ACS)	100	ft	160.2	16020
	4 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.L. wire/trenches, etc (for Old Building)	200	ft	109.8	21960
	5 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.L. wire/trenches, etc (for Old Building)	200	ft	86.55	17310
C	WAPDA CHARGES				
	TOTAL				8787172

Sub Divisional Officer  
Building Sub Division  
Shahkot

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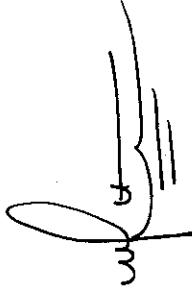
AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF  
TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT  
NANKANA SAHIB


(ABSTRACT OF COST)

S. No	Descriptions	Amount
1	<i>Revamping of</i> <b>QMS Hall</b>	
i)	Buildings Portion.	

Rs. 1955270

Total Rs. 1955270

  
Sub Divisional Officer,  
Buildings Sub Division,  
Shahkot. \*

  
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**AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA SAHIB**

**QMS HALL**

S.No	Description	Unit	Qty	Rate	Amount	Remarks
1	Petty repair to main rooms.					
2	Dismantling Brick work cement or lime mortar.	Each	5	1118.7	5594	
3	Excavation in foundation of buildings bridges and other structure i/c dagbelling dressing refilling around structure etc complete lead one chain lift upto 5' in o. Soil	% CH	188	4317.45	8095	
4	Dry Rammed Brick or stone ballast 1-1/2" to 2" gauge	% CH	788	10,677.75	8417	
5	Pacca Brick Work 1:6 in other than buildings upto 10' Heighty	% CH	263	9353.5	24576	
6	Filling watering ramming earth under floor with surplus earth from foundation	% CH	567	32,949.80	186679	
7	Filling watering ramming earth under floor with excavated earth from out side lead upto 3 mile.	% CH	526	5,090.45	2676	
8	Dry rammed brick or stone ballast 1-1/2" to 2" gauge	% CH	1125	18484.85	20795	
9	P/L plain Cement concrete (1:2:4) using coarse sand and washed aggregate i/c placing compacting curing finishing complete in all respect	% CH	750	9353.5	70151	
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. 60mm	% CH	188	38206.3	71635	
11	Cement Pointing deep struck joints red oxide pigment 1:2	P.SA	1500	151.45	227175	
12	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect. old surface after scraping	% SH	911	4171.9	38006	
13	Removing windows and sky lights with chowkat	% SH	1996	4612.8	92071	
14	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. 3/8" Squar Bars	Each	3	341.5	1025	
15	Providing and fixing Aluminium Fly-screen-comprising-of-Fiber-/Aluminium wire guaze (Malasian) fixed in aluminium frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6 mm thick with rubber gasket i/c cost of Hard wares as approved and directed by the engineer incharge. complete in all respect.	P SH	15	854.2	12813	
16	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using delux sections of approved manufacturer 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	P SH	8	493.05	3698	
			15	1348.4	20226	

S.No	Description	Unit	Qty	Rate	Amount	Remarks
17	Providing and fixing all types of partly fixed and partly openable glazed anodised/ powder coated aluminium doors, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 x 100 mm (1½" x 4") and leaf frame of 60x40mm (2½"x1½") wide sections including the cost of ¼" (5 mm) thick imported tinted sections are of dull aluminium glass with aluminium triangular gola and rubber gasket to shade, support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc. engineer in-charge.	P Sft	77	1,437.60	109976	
18	Dismantling PCC 1:2:4	% Sft	159	11174.6	17782	
19	P/L plain Cement concrete (1:2:4) using coarse sand and washed aggregate) i/c placing compacting curing finishing complete in all respect	% CH	159	38205.3	60794	
20	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 ¾" 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. 600mmx 600 mm	P Sft	1273	340.6	433584	
21	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 ¾" 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.	P Sft	908	340.6	309095	
22	Preparing of surface with wall putty emulsion two coats on old surface after Scraping Ordinary distemper, oil bound distemper, or paint of wall.	% Sft	3250	3924.88	127559	
23	Providing and laying ¾" thick full width Prepolished Marble slab for Vanities /Shelves /Treads /Window Cills, having Uniform texture (Spotless) with adhesive bond over ¾" 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. China Verona	% Sft	70	412.35	28865	
24	Pacca Brick Work 1:4 in Other then Buildings upto 10' Height	P Sft	1			
25	1/2" cement sand plaster 1:4 upto 20' height	% CH	21	34,619.50	7270	
26	Rcc in roof slab beams column lintel girders, slab and other structural members etc complete nominal mix 1:2:4 ratio	% Sft	123	3,248.10	3979	
27	Fabrication of mild steel reinforcement i/c cutting bending laying in position i/c cost of binding wire and labour charges deformed bars. 40 Grade	P CH	35	556.5	19233	
28	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 4" dia (100 mm)	% Kg	106	31,381.20	33206	
29	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.	P RA	28	326.1	9131	
		Each	4	291.6	1166	
		Total			1956270	

Sub Divisional Officer  
Building Sub Division  
Shahdara

1883637

**AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL  
HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA**

**SAHIB**

*Revamping* **( Q.M.S HALL )**  
( BUILDINGS PORTION )

S.No	Description	Nos	Length	Breadth	Depth	Qty
1	Petty repair to main rooms.					
		5				5 Nos
2	Dismantling Brick work cement or lime mortar.				Total	5 Nos
	<b>Podium</b>					
		1	25	6	1.25	188 Cft
					Total	188 Cft
3	Excavation in foundation of buildings bridges and other structure i/c dagbelling dressing refilling around structure etc complete lead one chain					
	<b>Tuff Tile Track</b>					
	Toe Wall	2	113	2	1.5	678 Cft
	Toe Wall	1	12.75	2	1.5	38 Cft
	Toe Wall	2	12	2	1.5	72 Cft
					Total	788 Cft
4	Dry Rammed Brick or stone ballast 1-1/2" to 2" gauge					
	<b>Tuff Tile Track</b>					
	Toe Wall	2	113	2	0.5	226 Cft
	Toe Wall	1	12.75	2	0.5	13 Cft
	Toe Wall	2	12	2	0.5	24 Cft
					Total	263 Cft
5	Pacca Brick Work 1:6 in other than buildings upto 10' Height					
	<b>Tuff Tile Track</b>					
	Toe wall	2	113	1.125	0.25	64 Cft
	Toe wall	2	113	0.75	2.5	424 Cft
	Toe wall	1	12.75	1.125	0.25	4 Cft
	Toe wall	1	12.75	0.75	2.5	24 Cft
	Toe wall	2	12	1.125	0.25	7 Cft
	Toe wall	2	12	0.75	2.5	45 Cft
					Total	567 Cft
6	Filling watering ramming earth under floor with surplus earth from foundation					
	<b>Tuff Tile Track</b>					

S.No	Description	Nos	Length	Breadth	Depth	Qty
	Take quantity as item no 5	1	788		0.667	526 Cft
7	Filling watering ramming earth under floor with excavated earth from out side lead upto 3 mile.				Total	526 Cft
	<b>Tuff Tile Track</b>					
		1	113	12	0.75	1017 Cft
		1	12	12	0.75	108 Cft
					Total	1125 Cft
8	Dry rammed brick or stone ballast 1-1/2" to 2" gauge					
	<b>Tuff tile</b>					
		1	113	12	0.5	678 Cft
		1	12	12	0.5	72 Cft
					Total	750 Cft
9	P/L plain Cement concrete (1:2:4) using course sand and washed aggregate) i/c placing compacting curing finishing complete in all respect.					
	<b>Tuff Tile Track</b>					
		1	113	12	0.125	170 Cft
		1	12	12	0.125	18 Cft
					Total	188 Cft
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. 60mm					
	<b>Tuff Tile Track</b>					
		1	113	12		1356 Sft
		1	12	12		144 Sft
					Total	1500 Sft
11	Cement Pointing deep struck joints red oxide pigment 1:2					
	<b>Outer Side</b>					
	QMS	2	42.5	7		595 Sft
	QMS	2	35	7		490 Sft
	D/d door					
		-1	4	6		-24 Sft
		-3	5	6		-90 Sft
		-2	5	6		-60 Sft
					Total	911 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
12	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: old surface after scraping					
	<b>Outer Side</b>					
	QMS	2	42.5	14		1190 Sft
	QMS	2	35	14		980 Sft
	<b>D/d door</b>					
		-1	4	9		-36 Sft
		-2	9	6		-108 Sft
		-1	5	6		-30 Sft
					<b>Total</b>	1996 Sft
13	Removing windows and sky lights with chowkat.					
	<b>QMS</b>					
	Windows	3				3 No
					<b>Total</b>	3 No
14	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. 3/8" Squar Bars					
	<b>Windows</b>					
		2	5	6		10 Sft
		1	5	6		5 Sft
					<b>Total</b>	15 Sft
15	Providing and fixing Aluminum Fly screen comprising of Fiber /Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2"and 1.6 mm thick with rubber gasket i/c cost of Hard wares as approved and directed by the engineer incharge. complete in all respect.					
	<b>Windows</b>					
		2	5	6		10 Sft
		1	5	6		5 Sft
					<b>Total</b>	15 Sft
	<b>1/2"</b>					8
					<b>Total</b>	8 Sft



S.No	Description	Nos	Length	Breadth	Depth	Qty
16	Providing and fitting all types of glazed aluminum windows of anodised/ powder coated partly fixed and partly sliding using delux sections of approved manufacturer 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.					
	Windows					
		2	5	9		10 Sft
		1	5	9		5 Sft
					Total	15 Sft
17	Providing and fixing all types of partly fixed and partly openable glazed anodised/ powder coated aluminum doors, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 x 100 mm (1 1/2" x 4") and leaf frame of 60x40mm (2 1/2"x1 1/2") wide sections including the cost of 1/4" (5 mm) thick imported tinted sections are of dull aluminium glass with aluminium triangular gola and rubber gasket to shade. support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc.engineer in-charge.					
	Door					
		1	4	8.5		34 Sft
	Entrance	1	5	8.5		43 Sft
					Total	77 Sft
18	Dismantling PCC 1:2:4					
	QMS Hall					
	Floor	1	40	20.5	0.125	103 Cft
	Counter Room	1	20	12	0.125	30 Cft
	Vital Room	1	11	12	0.125	17 Cft
	Passage Enterce	1	12	6.75	0.125	10 Cft
					Total	159 Cft
19	P/L plain Cement concrete (1:2:4) using course sand and washed aggregate) i/c placing compacting curing finishing complete in all respect.					
	QMS Hall					
	Floor	1	40	20.5	0.125	103 Cft
	Counter Room	1	20	12	0.125	30 Cft
	Vital Room	1	11	12	0.125	17 Cft
	Passage Enterce	1	12	6.75	0.125	10 Cft
					Total	159 Cft

S.No	Description	Nos	Length	Breadth	Depth	Qty
20	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. 600mmx 600 mm					
	<b>QMS Hall</b>					
	Floor	1	40	20.5		820 Sft
	Counter Room	1	20	12		240 Sft
	Vital Room	1	11	12		132 Sft
	Passage Enterce	1	12	6.75		81 Sft
					<b>Total</b>	<b>1273 Sft</b>
21	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.					
	<b>QMS Hall</b>					
	Floor	2	40	4		320 Sft
	Floor	2	20.5	4		164 Sft
	Counter Room	2	20	4		160 Sft
	Counter Room	2	12	4		96 Sft
	Vital Room	2	11	4		88 Sft
	Vital Room	2	12	4		96 Sft
	Passage Enterce	1	6	4		24 Sft
	Passage Enterce	1	12	4		48 Sft
	D/d door	-1	4	4		-16 Sft
	D/d door	-1	5	4		-20 Sft
	Windows	-3	5	3.5		-53 Sft
					<b>Total</b>	<b>908 Sft</b>
22	Preparing of surface with wall putty emulsion two coats on old surface after Scraping Ordinary distemper, oil bound distemper, or paint of wall.					
	<b>QMS</b>					
		1	40	20.5		820 Sft
		1	20	12		240 Sft
		1	14	12		168 Sft
	Ver:	2	40	8		640 Sft
	Toilet tibt; Homeo; Spec; Gyn; M O	2	20.5	8		328 Sft
	Examine tibt; speci:	2	20	8		320 Sft
	Examine Homeo.; M.O, Gyn:	2	12	8		192 Sft
	Tibt.; Disp.; M.O, Gyn.,	2	14	8		224 Sft
	Waiting	2	12	8		192 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	Admin officer	2	13.5	8		216 Sft
	Medical store	-1	5	4.5		-23 Sft
	M.Super.	-3	5	4.5		-68 Sft
					Total	3250 Sft
23	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. China Verona					
	Counter service windows					
		1	20		2	40 Sft
		1	20		1.5	30 Sft
					Total	70 Sft
24	Pacca Brick Work 1:4 in Other then Buildings upto 10' Height					
	QMS Counters					
	Stays	7	2	0.375	4	21 Cft
					Total	21 Cft
25	1/2" cement sand plaster 1:4 upto 20' height					
	QMS Counters					
	Stays	7	4.375		4	123 Sft
					Total	123 Sft
26	Rec in roof slab beams column lintel girders, slab and other structural members etc complete nominal mix 1:2:4 ratio					
	QMS Counters					
	Shelf	1	20	2	0.333	13 Cft
	Beam	1	20	1.5	0.333	10 Cft
		1	20	0.75	0.75	11 Cft
					Total	35 Cft
27	Fabrication of mild steel reinforcement i/c cutting bending laying in position i/c cost of binding wire and labour charges deformed bars. 40 Grade					
	Lab					
	Shelves	1	35	6.75	0.4536	106 Kg
					Total	106 Kg
28	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 4" dia (100 mm)					
		2	x	14		
29	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.				Total	28 Rft
		2	x	2		4 Nos

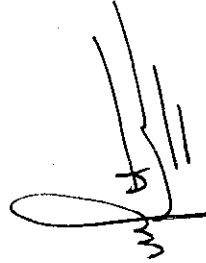
Sub Divisional Officer  
Buildings Sub Division  
Shahkot. 2★

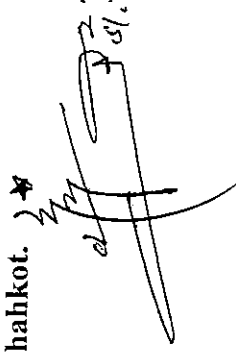
**AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF  
TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT  
NANKANA SAHIB**

**RURAL HEALTH CENTER**

**(ABSTRACT OF COST)**

S. No	Descriptions	Amount
1	<b>RURAL HEALTH CENTER</b>	
i)	Buildings Portion.	Rs. 10369292/10012292
ii)	Road	Rs. 678030
<b>Total</b>		<b>Rs. 10690322</b> <b>11047322</b>

  
 Sub Divisional Officer,  
 Buildings Sub Division,  
 Shahkot. )

  
 Sub Divisional Officer,  
 Buildings Sub Division,  
 Shahkot. )

AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA

SAHIB

RURAL HEALTH CENTER

S.No	Description	Unit	Qty	Rate	Amount	Unit	Qty	Rate	Amount	Excess	Saving	Remarks
1	Petty repair of main rooms	Each	12	731.50	8778	Each	12	1,118.70	13424			4646
2	Dismantling flagged flooring with out foundation	% CR	7875	604.1	47573	% CR	7875	863.5	68001			20428
3	Single layer of tiles 9" x 4.5" x 1.5"	% SR	7875	7408.1	583388	% SR	7875	12174.45	958738			375350
4	rebanding of earth	% CR	2599	1,776.20	4616	% CR	2599	2,539.70	6600			1984
5	Dismantling glazed or encaustic tiles, etc.	% SR	100		0	% SR	17926	2,335.85	418728			418728
6	Dismantling plain cement concrete 1: 2:4.	% CR	100		0	% CR	829	11,174.60	92591			92591
7	P/L PCC plain 1: 2:4.	% CR	100		0	% CR	829	37,400.10	309891			309891
8	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 (1:1) cement plaster /ve the cost of sealer for finishing the joints /ve cutting grinding complete in all respect as approved and directed by the Engineer Incharge. 600mm x 600 mm	P SR	1		0	P SR	6629	340.6	2257726			2257726
9	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 /ve the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. 600mm x 600 mm	P SR	1		0	P SR	6732	340.6	2292919			2292919
10	Preparing of surface with wall putty emulsion two coats on old surface after Scraping. Ordinary distemper, oil bond distemper, or paint of wall.	% SR	100		0	% SR	14980	3167.2	474447			474447
11	Removing of Doors with chowkat	Each	45	295.15	13282	Each	45	438	19710			6428
12	Providing and fixing 2" wide MS/ GI Chowkat singel/double rebate made of 16 SWG MS sheet pressed/welded / supported with M.S. flat 1- 1/4"x1/8" /c 6" long M.S. Flat 1"x1/8"hold fasts (6 Nos) welded/ screwed, punching of lock hole covered with MS Box,coating with antirust paint including filling					P. SR	1285	784.20	1004859			904897
13	Providing and fixing ornamental wooden architrave 3" x (1 1/2") tapered to 1/4") all along the door frame complete in all respect. Decorar wood architrave	P. SR	1		0	P. SR	1285	103.4	132843			132843
14	Removing windows and sky lights with chowkat	Each	51	228.35	11646	Each	51	341.5	17417			5771
15	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 Paint of 1-1/4"x1/8" in all respect as approved and directed by the Engineer Incharge. 3/8" Squar Bars	P SR	1		0	P SR	831	854.2	709627			709627
16	Providing and fixing Aluminum Fly screen comprising of Fiber/Aluminum wire gauze (Malasian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6 mm thick with rubber gasket /c cost of Hard wares as approved and directed by the engineer incharge. complete in all respect.	P SR	1		0	P SR	416	493.05	204862			204862

As Per Amended Rough Cost Estimate

As Per Approved A.A

S.No	Description	As Per Approved A.A				As Per Amended Rough Cost Estimate				Remarks	
		Unit	Qty	Rate	Amount	Unit	Qty	Rate	Amount		
17	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using deluxe sections of approved manufacturer 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.	P SN	801	688.75	551689	P SN	831	1,348.40	1120183	568495	
18	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect old surface two coats.	% SR	5082	942.85	47916	% SR	6869	1925.45	132259	84344	
19	Distempering two coats on old surface after Scraping Ordinary distemper, oil bound distemper, or paint of wall. (RURAL HEALTH CENTER )	% SR	16925	963.25	163030						163030
20	Aluminium Doors (RURAL HEALTH CENTER)	P SN	1250	568.55	710688						710688
21	Excavation in foundation for buildings bridges and other structure, i/c dag-belling dressing refilling around structure with excavated earth, watering and ramming lead upto one chain and lift upto 5ft in ordinary soil.(Open area Railway sid-R/S)	% CR	461	7492.3	3456						3456
22	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. (Open area Railway sid R/S)	% CR	465	5500.25	25556						25556
23	Filling, watering, ramming earth under floor with surplus earth from foundation (Open area Railway sid R/S).	% CR	308	3583.55	1102						1102
24	Pacca brick work (1:6) cement mortar in foundation and plinth.(Open area Railway sid R/S).	% CR	432	22665	98024						98024
25	Filling, watering, ramming earth under floor with new earth excavated from out side lead upto 1-miles- (Open area Railway sid R/S)	% CR	8462	10998.4	93063						93063
26	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. (Open area Railway sid R/S)	% CR	2192	5500.26	120579						120579
27	Providing, laying, mtf tile (Open area Railway sid R/S)	P SN	4385	104.35	457523						457523
28	Excavation in foundation for buildings bridges and other structure, i/c dag-belling dressing refilling around structure with excavated earth, watering and ramming lead upto one chain and lift upto 5ft in ordinary soil.( Plinth Gate L/S)	% CR	615	7492.3	4608						4608
29	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. ( Plinth Gate L/S)	% CR	615	5500.25	33827						33827
30	Filling, watering, ramming earth under floor with surplus earth from foundation. ( Plinth Gate L/S)	% CR	410	3583.55	1469						1469
31	Pacca brick work (1:6) cement mortar in foundation and plinth ( Plinth Gate L/S)	% CR	577	22665	130678						130678
32	Filling, watering, ramming earth under floor with new earth excavated from out side lead upto 1-miles- ( Plinth Gate L/S)	% CR	6980	10998.4	76763						76763
33	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. ( Plinth Gate L/S)	% CR	1847	5500.25	101610						101610
34	Providing, laying, Tuff TILE (Plinth Gate L/S)	P SN	3850	104.35	401748						401748
35	Excavation in foundation for buildings bridges and other structure, i/c dag-belling dressing refilling around structure with excavated earth, watering and ramming lead upto one chain and lift upto 5ft in ordinary soil. (L/Plnth OUT SIDE)	% CR	132	7492.3	989						989
36	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. (L/Plnth OUT SIDE)	% CR	132	5500.25	7260						7260
37	Filling, watering, ramming earth under floor with surplus earth from foundation. ( Plinth OUT SIDE)	% CR	88	3583.55	315						315
38	Pacca brick work (1:6) cement mortar in foundation and plinth. (L/Plnth OUT SIDE)	% CR	106	22665	23968						23968

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Sub Divisional Officer  
Buildings Sub Division Shakot

S.No	Description	As Per Approved A.A						As Per Amended Rough Cost Estimate					
			Unit	Qty	Rate	Amount		Unit	Qty	Rate	Amount	Excess	Saving
	D/d cost of old Windows L-S												
			SI		2200	112200		SI		4500	229500		
	D/d cost of old Tiles Roof (Detail Attached)												
										93722	93722		
			Total			247200 (-)		Total		101222	101222		
											<del>14533603</del>		
			Total			8410017		Total					

9811641

9811641



# AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA SAHIB

## RURAL HEALTH CENTER

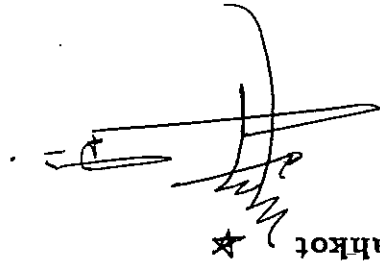
S.No	Description	Unit	Qty	Rate	Amount	Remarks
1	Petty repair of main rooms	Each	12	1,118.70	13424	
2	Dismating Flagged flooring with out foundation	% Ch	7875	863.5	68001	
3	Single Layer of tiles 9" x 4.5" x 1.5"	% Sft	7875	12174.45	958738	
4	rehandling of earth	%0 Ch	2599	2,539.70	6600	
5	Dismantling glazed or encaustic tiles, etc.	% Sft	17926	2,335.85	418728	
6	Dismantling plain cement concrete 1: 2:4.	% Ch	829	11,174.60	92591	
7	P/L PCC plain 1: 2:4.	100				
8	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.600mmx 600 mm	100				
8	Providing and laying superb quality Porcelain glazed tiles 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.600mmx 600 mm	P Sft	6629	340.6	2257726	
9	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.600mm x600 mm	P Sft	6732	340.6	2292919	
10	Preparing of surface with wall putty emulsion two coats on old surface after Scraping Ordinary distemper, oil bound distemper, or paint of wall.	% Sft	14980	3924.88	587947	
11	Removing of Doors with chowkat	Each	45	438	19710	

1	Petty repair of main rooms	1	Each	12	1,118.70	13424	
12	Providing and fixing M.S. sheet hollow pressed frame of doors, windows, etc. (chowkat only) of 20 SWG welded with M.S. flat 6" x 1 1/4" x 1/8" (150 mm x 30 mm x 3 mm) M.S. holdfast 9" x 1" x 1/8" (225 mm x 25 mm x 3 mm) welded/screwed 4" (100 mm) long iron hinges, including filling chowkat with cement sand mortar 1:2:4 and embedding holdfast in cement concrete 1:2:4, complete in all respects:	1	P. Sft	1285	375.05	481845	
13	P/F-1-1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 12.5 mm thick commercial ply over 1" thick packing wood in style and rail sunder 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.	1	P. Sft	1285	502.20	645201	
14	Providing and fixing ornamental wooden architrave 3" x (1 1/2" tapered to 1/4") all along the door frame complete in all respect. Deodar wood architrave	1	P. Sft	1285	103.4	132843	
15	Removing windows and sky lights with chowkat	1	Each	51	341.5	17417	
16	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. 3/8" Squar Bars	1	P Sft	831	854.2	709627	
17	Providing and fixing Aluminium Fly screen comprising of Fiber/Aluminium wire guaze (Malasian) Fixed in aluminium frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6 mm thick with rubber gasket i/c cost of Hard wares as approved and directed by the engineer incharge. complete in all respect.	1	P Sft	416	493.05	204862	

1	Petty repair of main rooms	1	Each	12	1,118.70	13424	
18	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using deluxe sections of approved manufacturer 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.	1	P Sft	831	1,348.40	1120183	
19	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect old surface two coats.	100	% Sft	6869	1925.45	132259	
					Total	10470514	
	D/d cost of old Wooden Door L-S		45	3000	135000		
	D/d cost of old Windows L-S		51	4500	229500		
	D/d cost of old Tiles Roof (Detail Atteched)			93722	93722		
		(-)		Total	458222	458222	
					Total	10012292	

Sub Divisional Officer

Buildings Sub Division Shahkot ★



**AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL  
HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA  
SAHIB**

**( RURAL HEALTH CENTER)  
( BUILDINGS PORTION )**

S.No	Description	Nos	Length	Breadth	Depth	Qty
1	Petty repair of main rooms					
						12 No's
					Total	12 No's
2	Dismating flagged flooring with out foundation					
		1	90	87.5		7875 Sft
					Total	7875 Sft
3	Single Layar of tiles 9" x 4.5" x 1.5"					
		1	90	87.5		7875 Sft
					Total	7875 Sft
4	rehandling of earth					
		1	90	87.5		2599 Cft
					Total	2599 Cft
5	Dismantling glazed or encaustic tiles, etc.					
	<b>RURAL HEALTH CENTER</b>					
	Male/Female Medical Officer	2	14.75	12		354 Sft
	Exam	2	7	6.625		93 Sft
	Toilet	2	7	5		70 Sft
	Medical Officer/L.H.V Room	2	14	12		336 Sft
	Sanitary Inspector	1	10	12		120 Sft
	Female Toilet	1	6	6		36 Sft
	Male Toilet	1	3.5	5.625		20 Sft
		1	3.625	6.375		23 Sft
		1	6.125	5.625		34 Sft
		1	100	6		600 Sft
	Corridor	1	10	12		120 Sft
	Female Store	1	8.5	6.625		56 Sft
	Dark Room	1	8.5	5		43 Sft
	XRay	1	15.25	11.625		177 Sft
	Store	1	9	12		108 Sft
	Laboratory	1	14.75	12		177 Sft
	Waiting	1	15.25	12		183 Sft
	Dispensary	1	10	12		120 Sft
	Medical	1	9	12		108 Sft
	Dental Surgeon	1	15.25	12		183 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	Dental Work Shope	1	8.5	12		102 Sft
	Passage	1	15	7		105 Sft
	Operation Theatre	1	17	17		289 Sft
	Sterilization	1	9	10.625		96 Sft
	Scrub Up	1	9	6		54 Sft
	Store	1	11.625	9.625		112 Sft
	Pantry	1	11.625	7		81 Sft
	Corridor	1	18.875	7		132 Sft
	8 Bed Ward	1	28.125	17		478 Sft
	Wash	2	10.25	5		103 Sft
	Toilet	2	10.25	11.625		238 Sft
	Corridor	1	58	6		348 Sft
	Labour	1	16	17		272 Sft
	Store	1	5	9.625		48 Sft
	Toilet	1	5	7		35 Sft
	6 Bed Ward	2	21	17		714 Sft
	Labour	2	10	8.625		173 Sft
	Nurse	2	18	8		288 Sft
	Walls					
	Male/Female Medical Officer	4	14.75	12	5	535 Sft
	Exam	4	7	6.625	5	273 Sft
	Toilet	4	7	5	5	240 Sft
	Medical Officer/L.H.V Room	4	14	12	5	520 Sft
	Sanitary Inspector	2	10	12	5	220 Sft
	Female Toilet	2	6	6	5	120 Sft
	Male Toilet	2	3.5	5.625	5	91 Sft
		2	4	12	5	160 Sft
	Corridor	2	100	6	5	1060 Sft
	Entrance Hall	2	10	12	5	220 Sft
	Female Store	2	8.5	6.625	5	151 Sft
	Dark Room	2	8.5	5	5	135 Sft
	X Ray	2	15.25	11.625	5	269 Sft
	Store	2	9	12	5	210 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	Laboratory	2	14.75	12	5	268 Sft
	Waiting	2	15.25	12	5	273 Sft
	Dispensary	2	10	12	5	220 Sft
	Medical	2	9	12	5	210 Sft
	Dental Surgeon	2	15.25	12	5	273 Sft
	Dental Work Shop	2	8.5	12	5	205 Sft
	Passage	2	15	7	5	220 Sft
	Operation Theatre	2	17	17	5	340 Sft
	Sterilization	2	9	10.625	5	196 Sft
	Scrub Up	2	9	6	5	150 Sft
	Store	2	11.625	9.625	5	213 Sft
	Pantry	2	11.625	7	5	186 Sft
	Corridor	2	18.875	7	5	259 Sft
	8 Bed Ward	2	28.125	17	5	451 Sft
	Wash	4	10.25	5	5	305 Sft
	Toilet	4	10.25	11.625	5	438 Sft
	Corridor	2	58	6	5	640 Sft
	Labour	2	16	17	5	330 Sft
	Store	2	5	9.625	5	146 Sft
	Toilet	2	5	7	5	120 Sft
	6 Bed Ward	4	21	17	5	760 Sft
	Labour	4	10	8.625	5	373 Sft
	Nurse	4	18	8	5	520 Sft
					Total	17926 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
6	Dismantling plain cement concrete 1: 2:4.					
	<b>RURAL HEALTH CENTER</b>					
	Male/Female Medical Officer	2	14.75	12	0.125	44 Cft
	Exam	2	7	6.625	0.125	12 Cft
	Toilet	2	7	5	0.125	9 Cft
	Medical Officer/L.H.V Room	2	14	12	0.125	42 Cft
	Sanitary Inspector	1	10	12	0.125	15 Cft
	Female Toilet	1	6	6	0.125	5 Cft
	Male Toilet	1	3.5	5.625	0.125	2 Cft
		1	3.625	6.375	0.125	3 Cft
		1	6.125	5.625	0.125	4 Cft
	Corridor	1	100	6	0.125	75 Cft
	Entrance Hall	1	10	12	0.125	15 Cft
	Female Store	1	8.5	6.625	0.125	7 Cft
	Darck Room	1	8.5	5	0.125	5 Cft
	X Ray	1	15.25	11.625	0.125	22 Cft
	Store	1	9	12	0.125	14 Cft
	Laboratory	1	14.75	12	0.125	22 Cft
	Waiting	1	15.25	12	0.125	23 Cft
	Dispensary	1	10	12	0.125	15 Cft
	Medical	1	9	12	0.125	14 Cft
	Dental Surgeon	1	15.25	12	0.125	23 Cft
	Dental Work Shope	1	8.5	12	0.125	13 Cft
	Passage	1	15	7	0.125	13 Cft
	Operation Theatre	1	17	17	0.125	36 Cft
	Sterilization	1	9	10.625	0.125	12 Cft
	Scrub Up	1	9	6	0.125	7 Cft
	Store	1	11.625	9.625	0.125	14 Cft
	Pantry	1	11.625	7	0.125	10 Cft
	Corridor	1	18.875	7	0.125	17 Cft
	8 Bed Ward	1	28.125	17	0.125	60 Cft
	Wash	2	10.25	5	0.125	13 Cft
	Toilet	2	10.25	11.625	0.125	30 Cft
	Corridor	1	58	6	0.125	44 Cft
	Labour	1	16	17	0.125	34 Cft
	Store	1	5	9.625	0.125	6 Cft
	Toilet	1	5	7	0.125	4 Cft
	6 Bed Ward	2	21	17	0.125	89 Cft
	Labour	2	10	8.625	0.125	22 Cft
	Nurse	2	18	8	0.125	36 Cft
7	P/L PCC plain 1: 2:4.				Total	829 Cft
	<b>RURAL HEALTH CENTER</b>					
	Male/Female Medical Officer	2	14.75	12	0.125	44 Cft
	Exam	2	7	6.625	0.125	12 Cft
	Toilet	2	7	5	0.125	9 Cft
	Medical Officer/L.H.V Room	2	14	12	0.125	42 Cft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	Sanitary Inspector	1	10	12	0.125	15 Cft
	Female Toilet	1	6	6	0.125	5 Cft
	Male Toilet	1	3.5	5.625	0.125	2 Cft
		1	3.625	6.375	0.125	3 Cft
		1	6.125	5.625	0.125	4 Cft
	Corridor	1	100	6	0.125	75 Cft
	Entrance Hall	1	10	12	0.125	15 Cft
	Female Store	1	8.5	6.625	0.125	7 Cft
	Darck Room	1	8.5	5	0.125	5 Cft
	X Ray	1	15.25	11.625	0.125	22 Cft
	Store	1	9	12	0.125	14 Cft
	Laboratory	1	14.75	12	0.125	22 Cft
	Waiting	1	15.25	12	0.125	23 Cft
	Dispensary	1	10	12	0.125	15 Cft
	Medical	1	9	12	0.125	14 Cft
	Dental Surgeon	1	15.25	12	0.125	23 Cft
	Dental Work Shope	1	8.5	12	0.125	13 Cft
	Passage	1	15	7	0.125	13 Cft
	Operation Theatre	1	17	17	0.125	36 Cft
	Sterilization	1	9	10.625	0.125	12 Cft
	Scrub Up	1	9	6	0.125	7 Cft
	Store	1	11.625	9.625	0.125	14 Cft
	Pantry	1	11.625	7	0.125	10 Cft
	Corridor	1	18.875	7	0.125	17 Cft
	8 Bed Ward	1	28.125	17	0.125	60 Cft
	Wash	2	10.25	5	0.125	13 Cft
	Toilet	2	10.25	11.625	0.125	30 Cft
	Corridor	1	58	6	0.125	44 Cft
	Labour	1	16	17	0.125	34 Cft
	Store	1	5	9.625	0.125	6 Cft
	Toilet	1	5	7	0.125	4 Cft
	6 Bed Ward	2	21	17	0.125	89 Cft
	Labour	2	10	8.625	0.125	22 Cft
	Nurse	2	18	8	0.125	36 Cft
					<b>Total</b>	<b>829 Cft</b>
8	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. 600mmx 600 mm					
	<b>RURAL HEALTH CENTER</b>					
	Male/Female Medical Officer	2	14.75	12		354 Sft
	Exam	2	7	6.625		93 Sft
	Toilet	2	7	5		70 Sft
	Medical Officer/L.H.V Room	2	14	12		336 Sft
	Sanitary Inspector	1	10	12		120 Sft



S.No	Description	Nos	Length	Breadth	Depth	Qty
	Female Toilet	1	6	6		36 Sft
	Male Toilet	1	3.5	5.625		20 Sft
		1	3.625	6.375		23 Sft
		1	6.125	5.625		34 Sft
	Corridor	1	100	6		600 Sft
	Entrance Hall	1	10	12		120 Sft
	Female Store	1	8.5	6.625		56 Sft
	Darck Room	1	8.5	5		43 Sft
	X Ray	1	15.25	11.625		177 Sft
	Store	1	9	12		108 Sft
	Laboratory	1	14.75	12		177 Sft
	Wating	1	15.25	12		183 Sft
	Dispensary	1	10	12		120 Sft
	Medical	1	9	12		108 Sft
	Dental Surgeon	1	15.25	12		183 Sft
	DentalWork Shope	1	8.5	12		102 Sft
	Passage	1	15	7		105 Sft
	Operation Theatre	1	17	17		289 Sft
	Sterilization	1	9	10.625		96 Sft
	Scrub Up	1	9	6		54 Sft
	Store	1	11.625	9.625		112 Sft
	Pantary	1	11.625	7		81 Sft
	Corridor	1	18.875	7		132 Sft
	8 Bed Ward	1	28.125	17		478 Sft
	Wash	2	10.25	5		103 Sft
	Toilet	2	10.25	11.625		238 Sft
	Corridor	1	58	6		348 Sft
	Labour	1	16	17		272 Sft
	Store	1	5	9.625		48 Sft
	Toilet	1	5	7		35 Sft
	6 Bed Ward	2	21	17		714 Sft
	Labour	2	10	8.625		173 Sft
	Nurse	2	18	8		288 Sft
				<b>Total</b>		6629 Sft
9	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.600mm x600 mm					
	<b>RURAL HEALTH CENTER</b>					
	<b>Walls</b>					
	Male/Female Medical Officer	4	14.75	12	4	428 Sft
	Exam	4	7	6.625	4	218 Sft
	Toilet	4	7	5	4	192 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	Medical Officer/L.H.V Room	4	14	12	4	416 Sft
	Sanitary Inspector	2	10	12	4	176 Sft
	Female Toilet	2	6	6	4	96 Sft
	Male Toilet	2	3.5	5.625	4	73 Sft
	Corridor	2	4	12	4	128 Sft
		2	100	6	4	848 Sft
	Entrance Hall	2	10	12	4	176 Sft
	Female Store	2	8.5	6.625	4	121 Sft
	Dark Room	2	8.5	5	4	108 Sft
	X Ray	2	15.25	11.625	4	215 Sft
	Store	2	9	12	4	168 Sft
	Laboratory	2	14.75	12	4	214 Sft
	Waiting	2	15.25	12	4	218 Sft
	Dispensary	2	10	12	4	176 Sft
	Medical	2	9	12	4	168 Sft
	Dental Surgeon	2	15.25	12	4	218 Sft
	DentalWork Shope	2	8.5	12	4	164 Sft
	Passage	2	15	7	4	176 Sft
	Operation Theatre	2	17	17	4	272 Sft
	Sterilization	2	9	10.625	4	157 Sft
	Scrub Up	2	9	6	4	120 Sft
	Store	2	11.625	9.625	4	170 Sft
	Pantry	2	11.625	7	4	149 Sft
	Corridor	2	18.875	7	4	207 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	8 Bed Ward	2	28.125	17	4	361 Sft
	Wash	4	10.25	5	4	244 Sft
	Toilet	4	10.25	11.625	4	350 Sft
	Corridor	2	58	6	4	512 Sft
	Labour	2	16	17	4	264 Sft
	Store	2	5	9.625	4	117 Sft
	Toilet	2	5	7	4	96 Sft
	6 Bed Ward	4	21	17	4	608 Sft
	Labour	4	10	8.625	4	298 Sft
	Nurse	4	18	8	4	416 Sft
	D/d Doors					9038 Sft
	DW1	8	6		4	192 Sft
	D1	4	5		4	80 Sft
	D2	4	4		4	64 Sft
	D3	30	13.5		4	1620 Sft
	D4	20	0.375		4	30 Sft
	D5	24	2.5		4	240 Sft
	D6	2	5		4	40 Sft
	DW1	1	10		4	40 Sft
	9038 - 2306 =				Total	6732 Sft
10	Preparing of surface with wall putty emulsion two coats on old surface after Scraping Ordinary distemper, oil bound distemper, or paint of wall.					
	RURAL HEALTH CENTER					
	Male/Female Medical Officer	2	14.75	12		54 Sft
	Exam	2	7	6.625		27 Sft
	Toilet	2	7	5		24 Sft
	Medical Officer/L.H.V Room	2	14	12		52 Sft
	Sanitary Inspector	1	10	12		22 Sft
	Female Toilet	1	6	6		12 Sft
	Male Toilet	1	3.5	5.625		9 Sft
		1	3.625	6.375		10 Sft
		1	6.125	5.625		12 Sft
	Corridor	1	100	6		106 Sft
	Entrance Hall	1	10	12		22 Sft
	Female Store	1	8.5	6.625		15 Sft
	Dark Room	1	8.5	5		14 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	X-Ray	1	15.25	11.625		27 Sft
	Store	1	9	12		21 Sft
	Laboratory	1	14.75	12		27 Sft
	Waiting	1	15.25	12		27 Sft
	Dispensary	1	10	12		22 Sft
	Medical	1	9	12		21 Sft
	Dental Surgeon	1	15.25	12		27 Sft
	Dental/Work Shope	1	8.5	12		21 Sft
	Passage	1	15	7		22 Sft
	Operation Theatre	1	17	17		34 Sft
	Sterilization	1	9	10.625		20 Sft
	Scrub Up	1	9	6		15 Sft
	Store	1	11.625	9.625		21 Sft
	Pantry	1	11.625	7		19 Sft
	Corridor	1	18.875	7		26 Sft
	8 Bed Ward	1	28.125	17		45 Sft
	Wash	2	10.25	5		31 Sft
	Toilet	2	10.25	11.625		44 Sft
	Corridor	1	58	6		64 Sft
	Labour	1	16	17		33 Sft
	Store	1	5	9.625		15 Sft
	Toilet	1	5	7		12 Sft
	6 Bed Ward	2	21	17		76 Sft
	Labour	2	10	8.625		37 Sft
	Nurse	2	18	8		52 Sft
	Male/Female Medical Officer	4	14.75	12	8	856 Sft
	Exam	4	7	6.625	8	436 Sft
	Toilet	4	7	5	8	384 Sft
	Medical Officer/L.H.V Room	4	14	12	8	832 Sft
	Sanitary Inspector	2	10	12	8	352 Sft
	Female Toilet	2	6	6	8	192 Sft
	Male Toilet	2	3.5	5.625	8	146 Sft
	Corridor	2	4	12	8	256 Sft
		2	100	6	8	1696 Sft
	Entrance Hall	2	10	12	8	352 Sft
	Female Store	2	8.5	6.625	8	242 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	Darek Room	2	8.5	5	8	216 Sft
	X Ray	2	15.25	11.625	8	430 Sft
	Store	2	9	12	8	336 Sft
	Laboratory	2	14.75	12	8	428 Sft
	Waiting	2	15.25	12	8	436 Sft
	Dispensary	2	10	12	8	352 Sft
	Medical	2	9	12	8	336 Sft
	Dental Surgeon	2	15.25	12	8	436 Sft
	Dental Work Shope	2	8.5	12	8	328 Sft
	Passage	2	15	7	8	352 Sft
	Operation Theatre	2	17	17	8	544 Sft
	Sterilization	2	9	10.625	8	314 Sft
	Scrub Up	2	9	6	8	240 Sft
	Store	2	11.625	9.625	8	340 Sft
	Pantry	2	11.625	7	8	298 Sft
	Corridor	2	18.875	7	8	414 Sft
	8 Bed Ward	2	28.125	17	8	722 Sft
	Wash	4	10.25	5	8	488 Sft
	Toilet	4	10.25	11.625	8	700 Sft
	Corridor	2	58	6	8	1024 Sft
	Labour	2	16	17	8	528 Sft
	Store	2	5	9.625	8	234 Sft
	Toilet	2	5	7	8	192 Sft
	6 Bed Ward	4	21	17	8	1216 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	Labour	4	10	8.625	8	596 Sft
	Nurse	4	18	8	8	832 Sft
	W1	2	8		5.5	88 Sft
	W2	22	4		5.5	484 Sft
	W3	52	3		5.5	858 Sft
	W5	2	2.5		5.5	28 Sft
	Cw1	2	6		3	36 Sft
	Cw3	12	6		1.5	108 Sft
	Cw4	10	4		1.5	60 Sft
					Total	17550 Sft
11	Removing of Doors with chowkat					
	Doors	1	45			45 Nos
					Total	45 Nos
12	Providing and fixing 2" wide MS/ GI Chowkat singel/double rebate made of 16 SWG MS sheet pressed/welded / supported with M.S. flat 1- 1/4"x1/8" i/c 6"long M.S. Flat 1"x1/8"hold fasts (6-Nos) welded/ screwed, punching of lock hole covered with MS Box,coating with antirust paint including filling 7 with cement sand mortar (1:8) and embedding hold fast in cement concrete (1:2:4) ,complete in all respect as approved and directed by Engineer Incharge (i) 15 " wide					
	Dw1	1	4		8.5	34 Sft
	Dw2	3	6		8.5	153 Sft
	D1	4	5		8.5	170 Sft
	D2	2	4		8.5	68 Sft
	D3	14	3.5		8.5	417 Sft
	D4	9	3		8.5	230 Sft
	D5	11	2.5		6.5	179 Sft
	D6	1	5		7	35 Sft
					Total	1285 Sft
13	P/F1-1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressedove r2.5 mm thick commercial ply over 1" thick packing woodin style and rail sunder 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.					
	Dw1	1	4		6.875	28 Sft
	Dw2	3	6		6.875	124 Sft
	D1	4	5		6.875	138 Sft
	D2	2	4		6.875	55 Sft
	D3	14	3.5		6.875	337 Sft
	D4	9	3		6.875	186 Sft
	D5	11	2.5		6.875	189 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
	D6	1	5		6.875	34 Sft
14	Providing and fixing ornamental wooden architrave 3" x (1½" tapered to ¼") all along the door frame complete in all respect. Deodar wood architrave				Total	1090 Sft
	Dw1	1	4		8.5	34 Sft
	Dw2	3	6		8.5	153 Sft
	D1	4	5		8.5	170 Sft
	D2	2	4		8.5	68 Sft
	D3	14	3.5		8.5	417 Sft
	D4	9	3		8.5	230 Sft
	D5	11	2.5		6.5	179 Sft
	D6	1	5		7	35 Sft
					Total	1285 Sft
15	Removing windows and sky lights with chowkat					
	Windows	1	51			51 Nos
					Total	51 Nos
16	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. 3/8" Squar Bars					
	W1	1	8		5.5	44 Sft
	W2	11	4		5.5	242 Sft
	W3	26	3		5.5	429 Sft
	W5	1	2.5		5.5	14 Sft
	Cw1	1	6		3	18 Sft
	Cw3	6	6		1.5	54 Sft
	Cw4	5	4		1.5	30 Sft
					Total	831 Sft
17	Providing and fixing Aluminum Fly screen comprising of Fiber /Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2"and 1.6 mm thick with rubber gasket i/c cost of Hard wares as approved and directed by the engineer incharge. complete in all respect.					
	W1	1	8		5.5	44 Sft
	W2	11	4		5.5	242 Sft
	W3	26	3		5.5	429 Sft
	W5	1	2.5		5.5	14 Sft
	Cw1	1	6		3	18 Sft
	Cw3	6	6		1.5	54 Sft
	Cw4	5	4		1.5	30 Sft
	1/2 = 831/2 = 416 Sft					416 Sft
					Total	416 Sft

S.No	Description	Nos	Length	Breadth	Depth	Qty
18	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using deluxe sections of approved manufacturer 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.					
	W1	1	8		5.5	44 Sft
	W2	11	4		5.5	242 Sft
	W3	26	3		5.5	429 Sft
	W5	1	2.5		5.5	14 Sft
	Cw1	1	6		3	18 Sft
	Cw3	6	6		1.5	54 Sft
	Cw4	5	4		1.5	30 Sft
					Total	831 Sft

19	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect old surface two coats.					
		1	109.75	14		1537 Sft
		2	33.75	14		945 Sft
		1	101.25	14		1418 Sft
		1	89	14		1246 Sft
		1	80.5	14		1127 Sft
		2	43.75	14		1225 Sft
	D/D W3	-12	3	5.5		-198 Sft
	D/D CW2	-2	4	1.5		-12 Sft
	D/D W2	-8	4	5.5		-176 Sft
	D/D W3	-4	3	5.5		-66 Sft
	D/D W1	-1	8	5.5		-44 Sft
	Opeings	-4	6	5.5		-132 Sft
					Total	6869 Sft

Sub Divisional Officer  
Buildings Sub Division

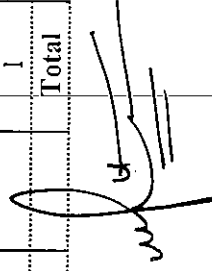
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etc.



S.No	Description	Nos	Length	Breadth	Depth	Qty
Detail of Old Material						
1	R/O of old windows(W1)					
		8	5.5		1	1 No
					Total	1 No's
2	R/O of old windows(W2)					
		4	5.5		11	11 No
					Total	11 No's
3	R/O of old windows(W3)					
		3	5.5		26	26 No
					Total	26 No's
4	R/O of old windows(W5)					
		2.5	5.5		1	1 No
					Total	1 No's
5	R/O of old windows(CW1)					
		6	3		1	1 No
					Total	1 No's
6	R/O of old windows(CW3)					
		6	1.5		6	6 No
					Total	6 No's
7	R/O of old windows(CW4)					
		4	1.5		5	5 No
					Total	5 No's
8	R/O of old Doors D1					
					4	4 No
					Total	4 No's
9	R/O of old Doors D2					
					2	2 No
					Total	2 No's
10	R/O of old Doors D3					
					14	14 No
					Total	14 No's
11	R/O of old Doors D4					
					9	9 No
					Total	9 No's
12	R/O of old Doors D5					
					11	11 No
					Total	11 No's
13	R/O of old Doors D6					
					1	1 No
					Total	1 No's

S.No	Description	Nos	Length	Breadth	Depth	Qty
14	R/O of old Doors DW1					
					1	1 No
					Total	1 No's
15	R/O of old Doors DW2					
					3	3 No
					Total	3 No's
13	Main Entrance Door					
					1	1 No
					Total	1 No's



Sub Divisional Officer  
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Shahkot. ★

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DETAILED COST OF OLD MATERIAL

1. Old Bricks Tiles

Qty as item No.1 = 7875 x 60% x 350% = 16538 No.

Total = 16538 No.

2. Brick Batts

@ 5000.00 %0No. Rs. 82690 /-

Qty as item No.1 = 7875 x 40% x 0.125 = 394 Cft

Total = 394 Cft

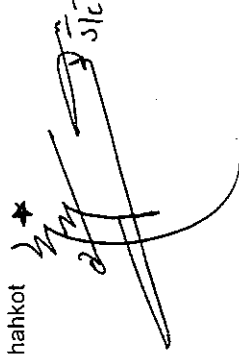
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2800.00 % Cft Rs. 11032 /-

Total Rs. 93722 /-



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Shahkot ★



GGHS 42RB

**ANYLISIS FOR APPROACH ROAD / TOW WALL**  
**Plinth Area Rates 2nd BI-Annual (1st July 2022 to 31th December 2022)**

1	Dismantling/Removing of Existing Tuff Tiles	1	10	10	100	Sft			
					@ 8.00	P Sft	800		
2	Edging of Kerb of Tuff Tiles	2	10	0.208	4	Sft			
					@ 151.45	P Sft	630		
3	Plain Cement Concrete 1:2:4	2	10	0.75	4	Cft			
					@ 31864.95	%Cft	1195		
5	Cement Concrete Brick or Stone Ballast 1 1/2" to 2" guage (1:7:20).	1	10	10	25	Cft			
					@ 19324.15	%Cft	4831		
6	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 )60-mm thick	1	10	10	100	Sft			
					@ 151.45	%Sft	15145		
					<b>Total</b>		<b>22601</b>		
					Rate Per Sft		22601	Sft	
					<u>100</u>				

Detail of Area  
Front Main Building

1	150	20	3000	Sft	
			<b>Total</b>	Sft	
			@ 226.01	P.Sft	678030

Sub Divisional Officer  
Building Sub Division  
Shahkot )

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# AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA SAHIB

Page No -----

S.No	Description	Unit	Qty	Rate	Amount	Remarks
1	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): 1:2:4	% Cft	52	37,400.10	19395	
2	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.600mmx 600 mm	P. Sft	415	340.60	141306	
3	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.600mm x600 mm	P. Sft	559	340.60	190395	
4	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.	% Sft	1349	1925.45	25965	
5	Distemping two coats on Old surface.	% Sft	1283	1467.05	18824	
6	Preparing surface and painting to door and windows any type two coat.	% Sft	248	1667.55	4136	
7	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 4" dia (100 mm)	P Rft	28	326.1	9131	
8	Shoes, berds or offsets for cast iron rain water down pipe, including fixing and painting.	Each	4	291.6	1166	
				Total	410319	

Sub Divisional Officer

Building Sub Division

Shahkot



**AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER  
HOSPITAL, SANGLA HILL, DISTRICT NANKANA SAHIB**

**MORTUARY  
( BUILDINGS PORTION )**

S.No	Description	Nos	Length	Breadth	Depth	Qty
1	Cement concrete plain including placing,compacting, finishing and curing complete (including screening and washing of stone aggregate): 1:2:4					
	Floor Autopsy	1	12	9	0.125	14 Sft
	Mortuary for bodies	1	9	12	0.125	14 Sft
	Wash & lobby	1	5.375	9	0.125	6 Sft
	Lobby	1	4.5	9	0.125	5 Sft
	Tarrace	1	9	5	0.125	6 Cft
	Ramp	1	10	5	0.125	6 Cft
	Dails					
	D1	2	4	0.75	0.125	1 Sft
	D2	3	4	0.75	0.125	1 Sft
				Total		52 Sft
2	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.600mmx 600 mm					
	Floor Autopsy	1	12	9		108 Sft
	Mortuary for bodies	1	9	12		108 Sft
	Wash & lobby	1	5.375	9		48 Sft
	Lobby	1	4.5	9		41 Sft
	Tarrace	1	9	5		45 Cft
	Ramp	1	10	5		50 Cft
	Dails					
	D1	2	4	0.75		6 Sft
	D2	3	4	0.75		9 Sft
				Total		415 Sft
3	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.600mm x600 mm					
	Floor Autopsy	2	12		4	96 Sft
		2	9		4	72 Sft
	Mortuary for bodies	2	9		4	72 Sft
		2	12		4	96 Sft
	Wash & lobby	2	5.375		4	43 Sft
		2	9		4	72 Sft

	Lobby	2	4.5	4	36 Sft
		2	9	4	72 Sft
				Total	559 Sft
4	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.				
	Out side building	2	23.25	15.5	721 Sft
	Left side & Right side	2	20.25	15.5	628 Sft
				Total	1349 Sft
5	Distempering two coats on Old surface.				
	Floor Autopsy	1	12	9	108 Sft
	Mortuary for bodies	1	9	12	108 Sft
	Wash & lobby	1	5.375	9	48 Sft
	Lobby	1	4.5	9	41 Sft
	Floor Autopsy	2	12	7	168 Sft
	Mortuary for bodies	2	9	7	126 Sft
	Wash & lobby	2	9	7	126 Sft
		2	12	7	168 Sft
		2	5.375	7	75 Sft
		2	9	7	126 Sft
	Lobby	2	4.5	7	63 Sft
		2	9	7	126 Sft
				Total	1283 Cft
6	Preparing surface and painting to door and windows any type two coat.				
	D1	4	4	8.5	136 Sft
	D2	4	4	7	112 Sft
				Total	248 Sft
7	Cast iron rain water downpipe fixed in position, excluding heads and shoes, but including painting and clamps, 4" dia (100 mm)				
		2	x	14	28 Rft
8	Shoes, bends or offsets for cast iron rain water down pipe, including fixing and painting.				
		2	x	2	4 Nos

Sub Divisional Officer  
Buildings Sub Division

Shahkot. 2/2





# AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL,

## DISTRICT NANKANA SAHIB

### MORTUARY

### (E.I PORTION)

S.No	Descriptions of Items.		Unit	Qty.	Rate.	Amount.
1	2		3	4	5	6

1	S/E of PVC pipe for wiring recessed in wall i/c inspection boxes pull box cutting jharies and repair surface.	1" dia	P.Rft	90	94.60	8514
2	S/E of single core PVC insulated copper conductor cable 250/440 volts.	3/0.029"	P.Rft	250	25.70	6425
ii)		7/0.029"	P.Rft	70	40.75	2853
6	P/F 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, screws complete as approved and directed by the Engineer Incharge Three pin Light Plug 10/13 Amp		Each	2	610.50	1221
7	P/F 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, screws complete as approved and directed by the Engineer Incharge Telephone / TV/Datacable socket		Each	2	532.50	1065
8	P/F 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, screws complete as approved and directed by the Engineer Incharge Three Pin Power Plug 15-32 Amp		Each	2	754.50	1509
9	S/E of LED Bulb 40watts best quality as approved by Engineer Incharge		Each	5	1250.00	6250
10	S/E of LED Bulb 18-20 watts best quality as approved by Engineer Incharge		Each	6	650.00	3900
11	S/E of LED sogo/Philphis Type 100 watts best quality as approved by Engineer Incharge		Each	2	9870.00	19740
12	S/E of ceiling rose bakelite.		Each	6	66.30	398
13	S/E of button holder bakelite large size.		Each	6	53.75	323

14	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schneider, screws complete as approved and directed by the Engineer Incharge Fan Dimmer	Each	2	598.50	1197
15	Earthing of iron clad / aluminum switch etc with G.I pipe 15mm dia recessed on surface of all and floor complete earth 1.5 meter long C.I pipe 5-2 dia with reducing socket 4 to 5 meter below ground level and two meter away from building plinth.	Each	2	9592.75	19186
16	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. Plastic Body 12 " dia	Each	2	3133.00	6266

Total:-

78845

Sub Divisional Officer  
Buildings Sub Division  
Shahkot ) ★

**AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL  
HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA**

**SAHIB**  
(Mortuary)  
( E.I PORTION )

S.No	Description	Qty
1	S/E of PVC pipe for wiring recessed in wall i/c inspection boxes pull box cutting jharies and repair surface.	
ii)	1" dia	90 Rft
2	S/E of single core PVC insulated copper conductor cable 250/440 volts.	
i)	3/0.029"	250 Rft
ii)	7/0.029"	70 Rft
iii)	7/0.044"	120 Rft
iv)	7/0.064"	60 Rft
4	P/F 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, screws complete as approved and directed by the Engineer Incharge Large 06 gang	
i)	Large 06 Gauge	2 No
5	P/F 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, screws complete as approved and directed by the Engineer Incharge Three pin Light Plug 10/13 Amp	2 No
6	P/F 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, screws complete as approved and directed by the Engineer Incharge Telephone / TV/Datacable socket	2 No
7	P/F 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, screws complete as approved and directed by the Engineer Incharge Three Pin Power Plug 15-32 Amp	2 No
8	S/E of LED Bulb 40watts best quality as approved by Engineer Incharge	4 No
9	S/E of LED Bulb 18-20 watts best quality as approved by Engineer Incharge	3 No
10	S/E of LED sogo/Philphis Type 100 watts best quality as approved by Engineer Incharge	2 No
11	S/E of ceiling rose bakelite.	4 No
12	S/E of button holder bakelite large size.	6 No

13	P/F 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, screws complete as approved and directed by the Engineer Incharge Fan Dimmer	2	No
14	Earthing of iron clad / aluminum switch etc with G.I pipe 15mm dia recessed on surface of all and floor complete earth 1.5 meter long C.I pipe 5-2 dia with reducing socket 4 to 5 meter below ground level and two meter away from building plinth.	1	No
15	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. Plastic Body 12 " dia	2	No



Sub Divisional Officer  
Buildings Sub Division

Shahkot. ★



# AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA SAHIB

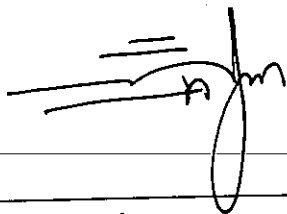
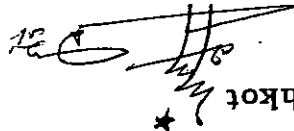
## YELLOW ROOM

S.No	Description	Unit	Qty	Rate	Amount	Remarks
1	Distemping 2 coats on old surface after Scrping	% Sft	848	1467.05	12441	
2	Preparing surface and painting to door and windows any type 2 coat. After scraping	% Sft	294	1667.55	4903	
3	EXTRA RATE FOR 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 Full body Glazed tile (ii) 400mm x 400 mm	P. Sft	240	340.6	81744	
4	EXTRA RATE FOR 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 Full body Glazed tile (ii) 400mm x 400 mm	P. Sft	256	340.6	87194	
5	Grouting 4 1/2" (113 mm) dry brick work with cement mortar ratio 1: 5	% Sft	96	884.15	849	
6	M/F Wooden cabinet for yellow room with laminated sheet of both side frame with kailwood 2-1/4" x 3/4" complete with all respects as approved by Engineer Incharge	Job	1	45000	45000	
7	M/F Wooden partition for yellow room with laminated sheet of both side frame with kailwood 2-1/4" x 3/4" complete with all respects as approved by Engineer Incharge	Job	1	32000	32000	
				Total	264130	

Sub Divisional Officer

Buildings Sub Division Shakhkot

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**AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL  
HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA  
SAHIB**

**( YELLOW ROOM)  
( BUILDINGS PORTION )**

S.No	Description	Nos	Length	Breadth	Depth	Qty
<b>YELLOW ROOM</b>						
1	Distempring 2 coats on old surface after Scrping					
		2	20	12	13.25	848 Sft
					<b>Total</b>	<b>848 Sft</b>
2	Preparing surface and painting to door and windows any type 2 coat. After scraping					
	CW	2	10.5		2	42 Sft
	Shutter	2	10.5		12	252 Sft
					<b>Total</b>	<b>294 Sft</b>
3	P/L PREPOLISHED PORCELAIN TILE "MASTER OR EQ" WITH DRY / WET / VENIED APPLICATION, DWV SERIES (LIGHT COLOR) CLASS SB, 16"X16" SIZE LAID OVER A BED OF 3/4" THICK C/S MORTAR 1:2, I/C FILLING JOINTS WITH WHITE CEMENT MIXED WITH MATCHING PIGMENT COMPLETE IN ALL RESPECT AS APPROVED BY THE ENGINEER INCHARGE (FOR FLOOR)					
		1	20	12		240 Sft
					<b>Total</b>	<b>240 Sft</b>
4	P/L PREPOLISHED PORCELAIN TILE "MASTER OR EQ" WITH DRY / WET / VENIED APPLICATION, DWV SERIES (LIGHT COLOR) CLASS SB, 16"X16" SIZE LAID OVER A BED OF 3/4" THICK C/S MORTAR 1:2, I/C FILLING JOINTS WITH WHITE CEMENT MIXED WITH MATCHING PIGMENT COMPLETE IN ALL RESPECT AS APPROVED BY THE ENGINEER INCHARGE (FOR DADO)					
		2	20	12	4	256 Sft
					<b>Total</b>	<b>256 Sft</b>
5	Grouting 4½"(113 mm) dry brick work with cement mortar ratio 1: 5					
		1	12	8		96 Sft
					<b>Total</b>	<b>96 Sft</b>
6	M/F Wooden cabinet for yellow room with laminated sheet of both side frame with kailwood 2-1/4" x 3/4" complete with all respects as approved by Engineer Incharge					
						1 Job
					<b>Total</b>	<b>1 Job</b>

S.No	Description	Nos	Length	Breadth	Depth	Qty
7	M/F Wooden partition for yellow room with laminated sheet of both side frame with kailwood 2-1/4" x 3/4" complete with all respects as approved by Engineer Incharge					
						1 Job
					Total	1 Job

Sub Divisional Officer  
Buildings Sub Division  
Shahkot. 2★



**REVAMPING OF DIFFERENT DEPARTMENTS OF T.H.Q HOSPITAL, SANGLA HILL, DISTRICT NANKANA SAHIB,**

**(Burial**

**Pic)**

S.No	Description	Unit	Qty	Rate	Amount	Remarks
1	Excavation in foundation for buildings bridges and other structure, i/c dag-belling dressing refilling around structure with excavated earth, watering and ramming lead upto one chain and lift upto 5ft in ordinary soil.	%0 Cf	1024	10,677.75	10934	
2	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth (1:6:18)	% Cf	64	20121	12877	
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (1:2:4)	% Cf	42	37,400.10	15798	
4	Pacca brick work (1:6) cement mortar in foundation and plinth.	% Cf	806	31,864.95	256941	
5	1/2" thick cement sand plaster (1:4) upto 20' height	% Sf	2560	3,248.10	83151	
6	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (1:2:4)	% Cf	10	37,400.10	3740	
7	Providing and fixing M.S. flat ½"x1/8" (13mm x 3mm) grill including ¾" x 1/8" (20 mmx3 mm) M.S. flat frame, in windows of approved design, including painting three coats, complete in all respects.	% Sf	96	491.8	47213	
8	Cement pointing deep struck joints on walls ratio 1:2 with red oxide pigment upto 20' height	% Sf	108	4171.90	4506	
9	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)	P. Sf	96	402.5	38640	
10	P/F fiber glass canopy comprising of vetical posts of M.S pipe 4" dia 16-SWG at 14' c/c in both directions 8-6" above floor level and 1-6" embedded in cement concrete 1:2:4 belows floor level provided with top frame of M.S pipe 1-1/2"x1-1/2" 18-SWG and M.S pipe 1-1/2"x1-1/2" 18-SWG laid in curvature with 2' rise from center point of main horizontal frame, strengthened with vertical sports of same size pipe i/c fixing of approved colours sheet 3mm (2-ply) thick by making holes in pipes and using rivots of appropriate size i/c painting as approved by the Engineer. Incharge.	P. Sf	400	747.7	299080	
				Total	772880	

**Sub Divisional Officer**

**Building Sub Division**

**Shahkot**

**2\***

**27/7**




**AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL  
HEAD QUARTER HOSPITAL, SANGLA HILL, DISTRICT NANKANA  
SAHIB**

**( BURIAL PIT)**

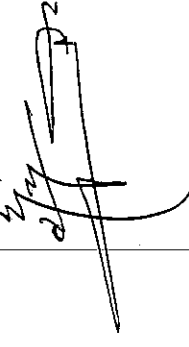
( BUILDINGS PORTION )

S.No	Description	Nos	Length	Breadth	Depth	Qty
1	Excavation in foundation for buildings bridges and other structure, i/c dag-belling dressing refilling around structure with excavated earth, watering and ramming lead upto one chain and lift upto 5ft in ordinary soil.					
	<b>BURIAL PIT</b>					
		1	16	8	8	1024 Cft
					<b>Total</b>	<b>1024 Cft</b>
2	Cement concrete brick or stone ballast 1½" to 2" (40 mm to 50 mm) gauge, in foundation and plinth (1:6:18)					
		1	16	8	0.5	64 Cft
					<b>Total</b>	<b>64 Cft</b>
3	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (1:2:4)					
		1	16	8	0.33	42 Cft
					<b>Total</b>	<b>42 Cft</b>
4	Pacca brick work (1:6) cement mortar in foundation and plinth.					
	<b>Burial Pit</b>					
	H.Walls	2	17.5	1.125	0.25	10 Cft
	2 <sup>nd</sup> step	2	17.5	0.75	10	263 Cft
	V.Walls	2	8	1.125	0.25	5 Cft
	2 <sup>nd</sup> step	2	8	0.75	10	120 Cft
	Partition	7	8	0.75	0.25	11 Cft
	Partition	7	8	0.375	10	210 Cft
	Partition	3	16	0.75	0.25	9 Cft
	Partition	3	16	0.375	10	180 Cft
					<b>Total</b>	<b>806 Cft</b>
5	1/2" thick cement sand plaster (1:4) upto 20' height					
	<b>Burial Pit</b>					
	Back Side	8	16		10	1280 Sft
	Back Side	16	8		10	1280 Sft
					<b>Total</b>	<b>2560 Sft</b>

S.No	Description	Nos	Length	Breadth	Depth	Qty
6	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (1:2:4)					
	Top	2	17.5	0.75	0.125	3 Cft
		2	8	0.75	0.125	2 Cft
		8	8	0.375	0.125	3 Cft
		3	16	0.375	0.125	2 Cft
					Total	10 Cft
7	Providing and fixing M.S. flat ½"x1/8" (13mm x 3mm) grill including ¾" x 1/8" (20 mmx3 mm) M.S. flat frame, in windows of approved design, including painting three coats, complete in all respects.					
	Covers	24	2	2		96 Sft
					Total	96 Sft
8	Cement pointing deep struck joints on walls ratio 1:2 with red oxide pigment upto 20' hight					
	Above Ground Level	2	17.5		2	70 Sft
	Above Ground Level	2	9.5		2	38 Sft
					Total	108 Sft
9	Providing and fixing mild steel chowkat of doors, windows, C.window, etc. including holdfast, making and threading holes for hinges, etc. complete M.S. angle iron 1½"x 1½"x ¼" (40x40x6 mm) welded with M.S. flat 2"x ¼" (50 mm x 6 mm)					
	Covers	24	2	2		96 Sft
					Total	96 Sft
10	P/F fiber glass canopy comprising of vetical posts of M.S pipe 4" dia 16-SWG at 14' c/c in both directions 8-6" above floor level and 1-6" embeded in cement concrete 1:2:4 belows floor level provided with top frame of M.S pipe 1-1/2"x1-1/2" 18-SWG and M.S pipe 1-1/2"x1-1/2" 18-SWG laid in curvature with 2' rise from center point of main horizontal frame, strengthened with vertical sports of same size pipe i/c fixing of approved colours sheet 3mm (2-ply) thick by making holes in pipes and using rivots of appropriate size i/c painting as as approved by the Engineer Incharge.					
	Top	1	25	16		400 Sft
					Total	400 Sft

  
Sub Divisional Officer  
Buildings Sub Division

Shahkot. 2 \*

  
27/7/22

ANALYSIS OF RATE FOR PROVIDING & FIXING ASH WOOD PLY 2.5MM THICK BEST QUALITY COMPLETE IN ALL RESPECTS AS APPROVED BY THE ENGINEER INCHARGE.

Unit of Rate = Each				
"A"	MATERIAL			
1.	P/F Ash wood ply 2.5mm	=	1 Sft @	42.00 PSft 42 /-
2.	Carriage and labour			30 /-
Total =				72 /-
Add 20% Contractor Profit =				14 /-
G. Total =				86 /-

Say Rs = 86 /- Each

CERTIFICATE

- i. Certified that rates for material and labour are not available on the website of Finance Department for the 2nd Biannual 2022. Rates are available in Market.

  
Sub Divisional Officer,  
Buildings Sub Division,  
Shahkot. \*



**AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL,  
DISTRICT NANKANA SAHIB  
Electrification Public Health & Sui Gas**

Sr No	Description	Qty	Unit	Plinth Area rate 1st July 2022 to 31st Dec 2022				Total Rate	Amount	Remarks	
				Building Portion	E.I Portion	P.H Portion	Sui Gas Portion				
1	Main Building of THQ Hospital Sangla Hill 8700+4506+10379 = 23585 SH	23585	P SH	0	85	120	56	404	48349.85	9528340	Drawings Attach
2	Main Building of RHC Sangla Hill <del>7710-7710 SH</del>	7710	P SH	0	56	120	56	404	1310700	3114840	Drawings Attach
3	Construction of New Extension Lab Wash Room and Waiting Area & Sample Collection Center	712	P SH	3828	228	120	56	4232	<del>2671776</del> 2973312	3013184	
4	Construction of New Volt Room 13.50' x 13.50' = 182	182	P SH	3828	228	0	4056	738192	738192	738192	
5	Construction for link passage QMS Hall To Main Building <del>720 SH</del>	720	P SH	3828	228	0	4056	2920320	2920320	2920320	
6	Construction of New Volt Room for Existing Panels 8' x 8' = 64 SH	64	P SH	3828	228	0	4056	259584	259584	259584	
							Total		19574460	10116713	
				NET Total					19574460		

Say Rs.

10.117

19574 (M)

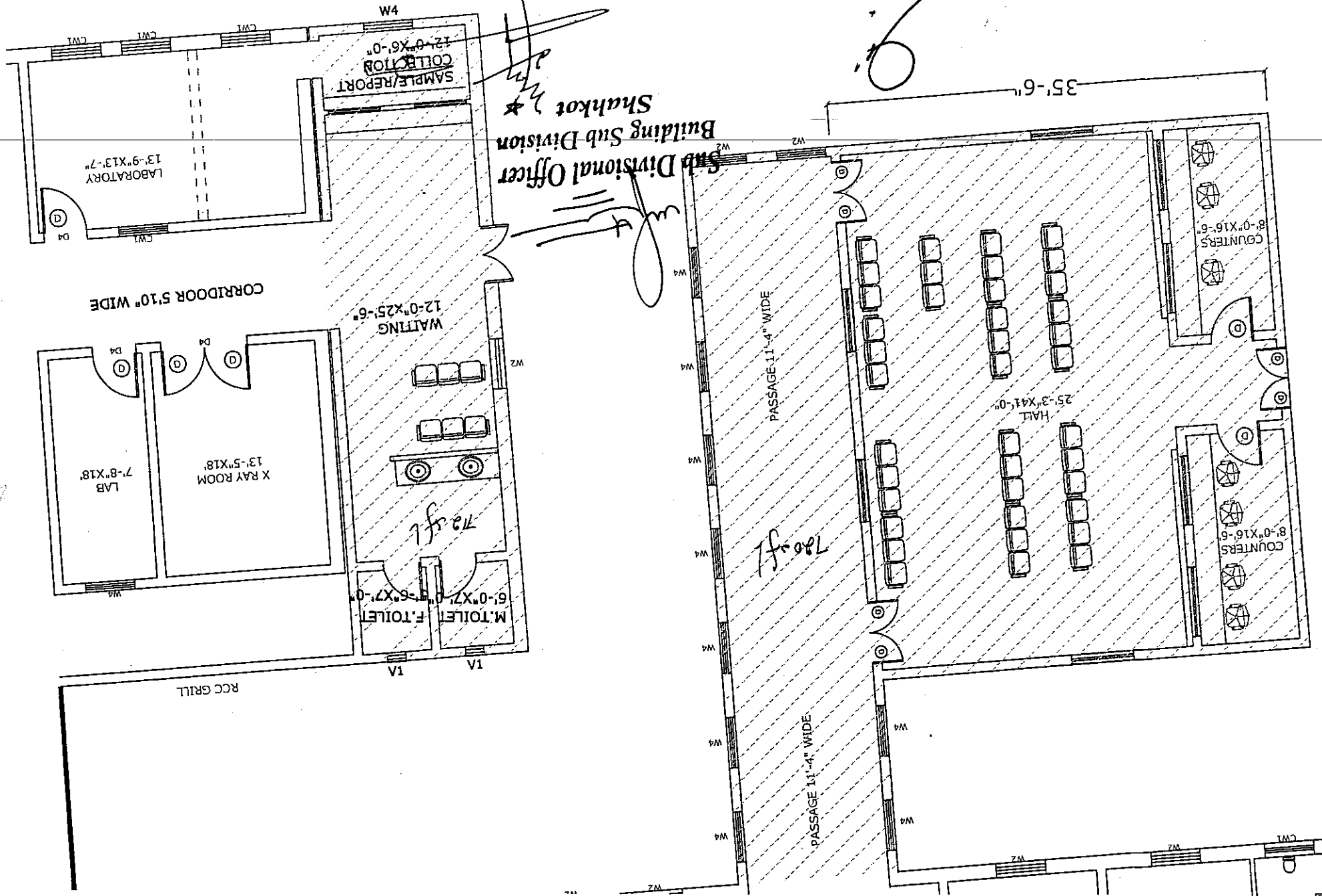
Sub Divisional Officer  
Buildings Sub Division  
Shahkot

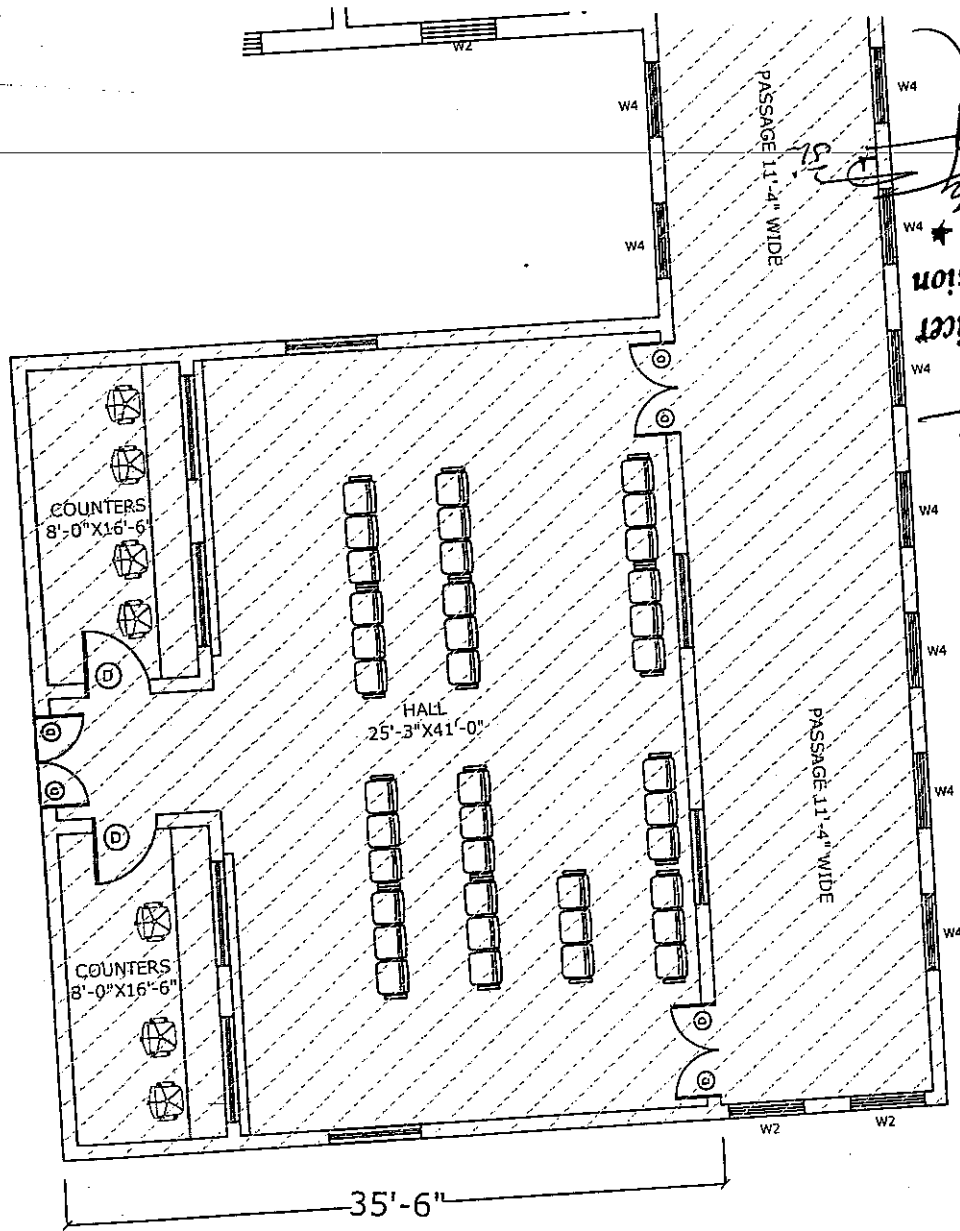
AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF TEHSIL HEAD QUARTER HOSPITAL, SANGLA HILL,  
DISTRICT NANKANA SAHIB  
Electrification Public Health & Sui Gas

Sr No	Description	Qty	Unit	Plinth Area rate 1st July 2022 to 31st Dec 2022				Total Rate	Amount	Remarks
				Building Portion	E.I Portion	P.H Portion	Sui Gas Portion			
1	Main Building of THQ Hospital Sangla Hill 8700+4506+10379 = 23585 Sft	23585	P Sft	0	228	120	56	404	9528340	Drawings Attach
2	Main Building of RHC Sangla Hill 7710=7710 Sft	7710	P Sft	0	228	120	56	404	3114840	Drawings Attach
3	Construction of New Extension Lab Wash Room and Waiting Area & Sample Collection Center	712	P Sft	3828	228	120	56	4232	3013184	
4	Construction of New Volt Room 13.50' x 13.50' = 182	182	P Sft	3828	228	0		4056	738192	
5	Construction of New Volt Room for Existing Panels 8' x 8' = 64 Sft	64	P Sft	3828	228	0		4056	259584	
							Total		16394556	
							NET Total		16394556	

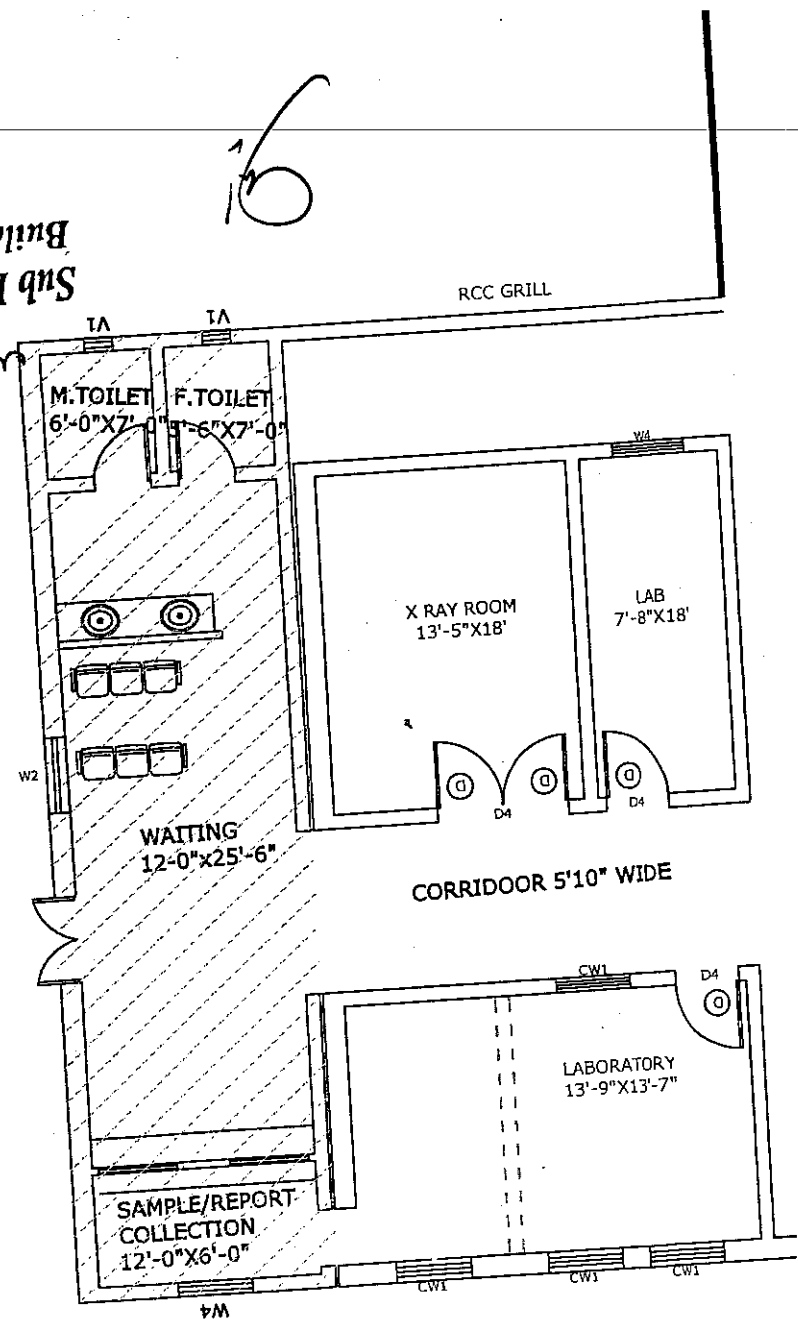
Say Rs. 16,39,556 (MD)

Sub Divisional Officer  
Buildings Sub Division  
Shahkot





Sub Divisional Officer  
Building Sub Division  
Shahkot 2


















[illegible]

Sub Divisional Officer  
Building Sub Division  
Shahkot 2 \*

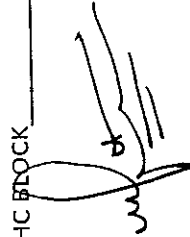


REVAMPING OF TEHSIL HEADQUATER HOSPITAL SANGLA HILL

LEGENDS

1. PORCELAIN TILES FOR FLOOR	
2. PORCELAIN TILES FOR DADO/SKIRTING	
3. TOILETS REVAMP	
4. ANTIMICROBIAL TREATMEN	
5. CEMENT POINTING	
6. WEATHER SHEILD	
7. REPLACEMENT OF WINDOWS	
8. REPLACEMENT OF DOOR SHEETS WITH ASH/OAK 2.5MM THICK	
9. WALL PAINTS	
10. NURSING COUNTER	
11. EDGE PROTECTION	
12. ELECTIC MAIN CABLE TRENCH	
13. LINK PASSAGE CORRIDOR B/W DIAGONOSTIC BLOCK & QMS HALL & PHARMACY	
14. TUFF TILE ROAD FROM MAIN GATE TO QMS HALL	
15. APPROCH ROAD FROM MAIN OPD TO OLD RHC BLOCK	

J.

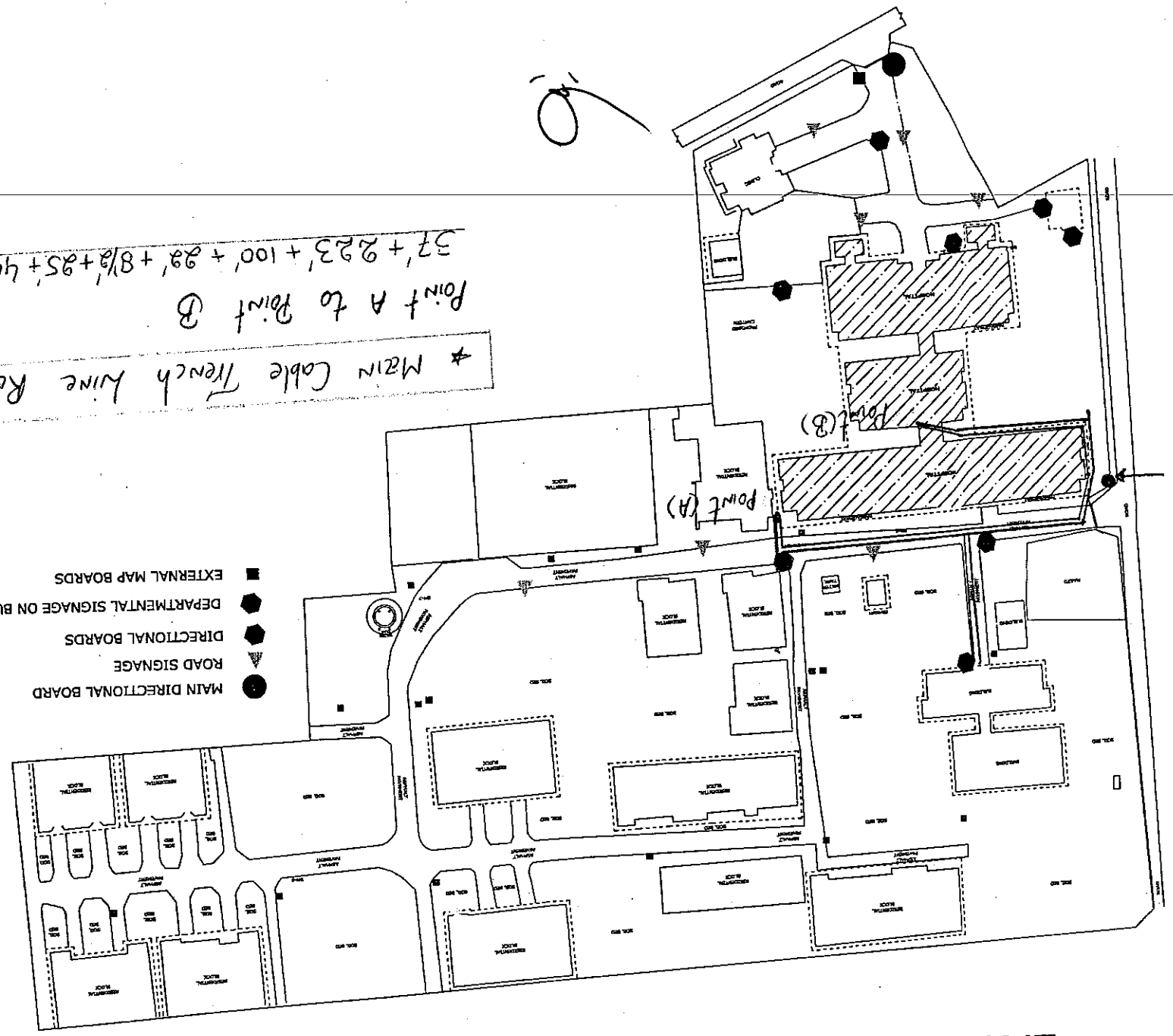


Sub Divisional Officer  
Building Sub Division  
Shahkot ★



# EXTERNAL SIGNAGES ANNEXURE C

- MAIN DIRECTIONAL BOARD
- ROAD SIGNAGE
- DIRECTIONAL BOARDS
- DEPARTMENTAL SIGNAGE ON BUILDING
- EXTERNAL MAP BOARDS



Point A to Point B  
 $37' + 223' + 100' + 22' + 8\frac{1}{2}' + 25' + 44' + 132' + 20' = 612\text{-Rft}$

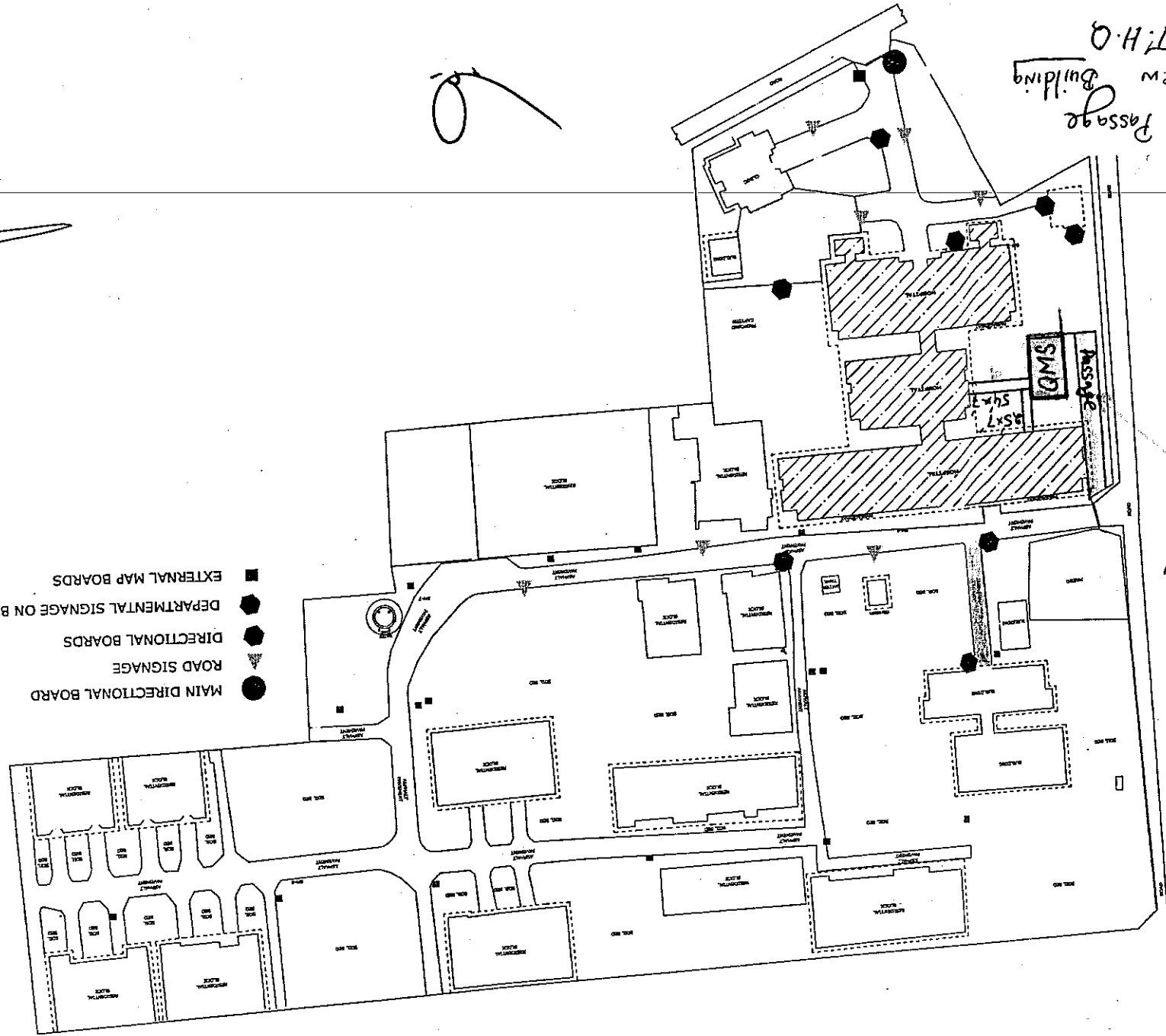
\* Main Cable Trench Mine Route

Sub Divisional Officer  
Building Sub Division  
Shahkot

*[Signature]*

# EXTERNAL SIGNAGES ANNEXURE C

- MAIN DIRECTIONAL BOARD
- ROAD SIGNAGE
- DIRECTIONAL BOARDS
- DEPARTMENTAL SIGNAGE ON BUILDING
- EXTERNAL MAP BOARDS



Traka  
(113+12)x18'

Link Passage  
to New Building  
of T.H.O.

Sub Divisional Officer  
Building Sub Division  
Shahkot

## 8. ANNUAL OPERATING COST (POST COMPLETION)

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

**Grant Number:**Government Buildings - (PC12042)  
**LO NO:**LO22010054  
**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
<b>Total</b>		<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>

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

**Grant Number:**Government Buildings - (PC12042)  
**LO NO:**LO22010054  
**A/C To be Credited:**Account-I

PKR Million

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

**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	38.000	20.782	2.327	2.292	5.315	7.638	76.355
Utilization	19.453	20.582	2.271	1.425	5.020	1.020	49.773

#### **Capital Side:**

Year	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Funds Released	0	0	0	0	0	5.000	5.000
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:**

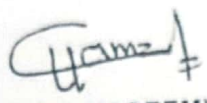
**Address:**31/E1, Shahrah-e-imam Hussain? Road? Block E 1 Gulberg III, Lahore, Punjab

15. It is certified that the project titled "Revamping of THQ Hospital Sangla Hill (3<sup>rd</sup> Revised)" has been prepared on the basis of instruction provided by the Planning Commission for the preparation of PC-I for Social Sector projects.

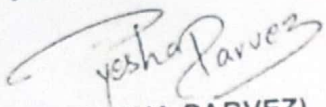
Prepared By:


  
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(Oct-2022)

  
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(Oct-2022)


  
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(Oct-2022)

  
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PROJECT DIRECTOR (PMU),  
PRIMARY & SECONDARY HEALTHCARE  
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(Oct-2022)

Approved By:

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

