



PC-1

Revamping of THQ Hospital, Depalpur District Okara

ORIGINAL APPROVED COST	PKR Million. 397.731/-
ORIGINAL APPROVED GESTATION	72 Months Till June 2025
APPROVAL FORUM	DDSC (DDSC)

1. NAME OF THE PROJECT

Revamping of THQ Hospital, Depalpur District Okara

2. LOCATION OF THE PROJECT

2.1. DISTRICT(S)

I. OKARA

2.2. TEHSIL(S)

I. DEPALPUR

3. AUTHORITIES RESPONSIBLE FOR

3.1. SPONSORING AGENCY

- PRIMARY AND SECONDARY HEALTH CARE

3.2. EXECUTION AGENCY

- PRIMARY AND SECONDARY HEALTH CARE

3.3. OPERATIONS AND MAINTENANCE AGENCY

- PRIMARY AND SECONDARY HEALTH CARE

3.4. CONCERNED FEDERAL MINISTRY

- NATIONAL HEALTH SERVICES, REGULATIONS AND COORDINATION

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

4. PLAN PROVISION

Sr #	Description
1	Source of Funding: Scheme Listed in ADP CFY
2	Proposed Allocation: 0.000
3	GS No: 5264
4	Total Allocation: 0.000
5	Funds Diverted: 0.000
6	Balance Funds: 0.000
7	Comments: Funded out of block provision reflected at G.S No.658 with an allocation of Rs. 1,800 million (Capital = Rs. 1.300 Million & Revenue = Rs. 500 Million).

5. PROJECT OBJECTIVES

attached

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

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

5.1 Background of Primary & Secondary Healthcare Department

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

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

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

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

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

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

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

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

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

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

5.3 Infrastructural Interventions

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

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

Major infrastructural interventions can be divided in the following four categories

5.3.1 External Development

5.3.2 Internal Development

5.3.3 Medical Infrastructure Development

5.3.4 Emergencies Development

5.3.1 External Development

5.3.1.1 External Platforms

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

5.3.1.2 Façade Improvement

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

5.3.1.3 Sewerage System

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

5.3.1.4 Landscaping (Horticulture)

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

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

5.3.1.5 Water Filtration Plant

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

5.3.1.6 External Electrification

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

5.3.1.7 Parking and Waiting area

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

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

5.3.1.8 External Signage

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

5.3.2 Internal development

5.3.2.1 Aesthetic improvement

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

5.3.2.2 Ramp and Stretcher improvement

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

5.3.2.3 Seamless flooring and Lead Lining

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

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

5.3.2.4 Aluminum doors and windows

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

5.3.2.5 Improvement of washroom blocks

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

5.3.2.6 Facilitation of attendants and patients

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

5.3.2.7 Furniture and Fixtures

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

5.3.2.8 Air Conditioners, Refrigerators and LEDs

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

5.3.2.9 Internal Signage and Paintings

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

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

5.3.3 Medical Infrastructure Development

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

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

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

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

5.3.3.1 Emergency Department:

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

5.3.3.1.1 General Overview of Emergency Department

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

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

5.3.3.1.2 Position of Emergency Department

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

5.3.3.1.3 Access towards the Emergency Department

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

5.3.3.1.4 Medical Infrastructure Emergency:

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

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

5.3.3.1.5 General Building Interventions:

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

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

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

5.3.3.2 Monitoring and Quality Assurance (Process Interventions)

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

5.3.3.2.1 MSDS (Minimum Service Delivery Standards)

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

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

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

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

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

MSDS implementation is a complex procedure. Because it requires

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

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

The PDSA cycle

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

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

5.3.3.3 Laboratory

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

5.3.3.4 X-Ray

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

5.3.3.5 CCU

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

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

5.3.3.6 Dialysis Unit

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

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

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

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

5.3.3.7 Labor Rooms/Nurseries

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

5.3.3.8 Operation Theater

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

5.3.3.9 Orthopedic unit

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

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

5.3.3.10 Gynecology Department

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

5.3.3.11 Surgical Unit

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

5.3.3.12 Intensive Care Unit (ICU)

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

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

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

5.3.3.13 Mortuary Unit

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

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

5.3.3.14 Dental Unit

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

5.3.3.15 Physiotherapy Unit (33 THQ Hospitals)

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

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

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

Importance of Physiotherapy and Rehabilitation department

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

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

Opportunity Rationale

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

5.3.3.16 Queue Management System (QMS)

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

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

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

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

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

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

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

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

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

5.3.3.17 Electronic Medical Record (EMR)

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

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

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

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

5.3.3.18 Video Surveillance through CCTVs

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

5.3.3.19 Medicine Store

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

5.3.3.20 Day Care Center

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

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

5.4 Out Sourcing of Non Clinical Services

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

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

5.4.1 Janitorial services

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

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

5.4.2 Laundry Services

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

5.4.3 MEPG Services

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

5.4.4 CT Scan Services

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

5.4.5 Security

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

5.6 HR & Management Interventions Structure

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

New Organogram of Hospital



MS

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



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

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

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

5.6.2.1 Medical Superintendent

Shall be overall responsible for all the affairs of the Hospital

5.6.2.2 AMS Admin.

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

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

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

New Management Structure (NMS)

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

5.6.2.3 Admin Officer

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

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

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

Eligibility Criteria

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

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

5.6.2.4 Human Resource Officer

Shall be responsible for following:

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

Eligibility Criteria

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

5.6.2.5 IT/Statistical Officer

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

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

Eligibility Criteria

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

5.6.2.6 Finance & Budget Officer

Shall be responsible for following:

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

Eligibility 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

Eligibility Criteria

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

5.6.2.8 Quality Assurance Officer

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

Eligible Criteria

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

OR

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

2. Minimum 1 Year post degree relevant experience.

5.6.2.9 Logistics Officer

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

Eligible Criteria

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

5.6.2.10 Data Entry Operators (DEO)

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

Eligible Criteria

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

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

5.6.2.11 Assistant Admin Officer

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

Eligibility Criteria

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

5.7 HR for QMS and MSDS and Day Care Center.

5.7.1.1 QMS Supervisor / Information Desk Officer

Shall be responsible whole QMS networking

Eligible Criteria

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

5.7.1.2 Computer Operators

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

Eligible Criteria

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

5.7.2 Consultants (MSDS) Implementation & Clinical Audit

Eligible Criteria

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

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

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

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

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

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

5.7.2.2 Objectives

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

5.7.2.3 Scope of Work

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

5.7.2.4 Reporting Arrangements

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

5.7.2.5 Duration of Assignment

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

5.7.2.6 Outputs / Key Deliverables

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

5.7.2.7 Remunerations

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

5.7.2.8 Terms of Payment

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

5.7.3 HR for Day Care Center

5.7.3.1 Manager Day Care Center (DCC)

Shall be responsible for general administrative affairs of DCC.

Eligibility Criteria

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

5.7.3.2 Montessori Trained Teacher

Shall be responsible for basic education of children.

Eligibility Criteria

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

5.7.3.3 Attendant / Care Giver

Shall be responsible for special care of the children.

Eligibility Criteria

Minimum qualification Matric or equivalent alongwith diploma in relevant field



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

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

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

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

Name of Post	No. of Employees	Original Pay package approved		Revised Pay package	
		Per Month Salary	Salary for One Year	Per Month Salary	Salary for One Year
Admin Officer	1	80,000	960,000	105,000	1,260,000
Human Resource Officer	1	80,000	960,000	105,000	1,260,000
IT/Statistical Officer	1	80,000	960,000	105,000	1,260,000
Finance & Budget Officer	1	80,000	960,000	105,000	1,260,000
Procurement Officer	1	80,000	960,000	105,000	1,260,000
Quality Assurance Officer	1	80,000	960,000	105,000	1,260,000
Logistics Officer	1	80,000	960,000	105,000	1,260,000
Data Entry Operator (DEO)	2	35,000	840,000	44,000	1,056,000
Assistant admin Officer	2	50,000	1,200,000	70,000	1,680,000
Total	11		8,760,000	849,000	11,556,000

5.8 Other Initiatives:

There are many other initiatives which government plans to undertake in order to improve healthcare services in the province. These include:

- Rehabilitation of Emergency Ward
- Fixture of Benches
- Addition of Bracket Fans/Water Coolers/LCDs with signage
- Supply of Laboratory/ Equipment/USG/ECG etc.
- CCU Improvement
- Installation of Water filtration plants
- Replacement of Bed sheets/Pillows/Matresses
- Installation of Transformers/Dual Connection
- Improvement of Labor rooms/Nurseries

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

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

5.9 Patient Management Protocol

5.9.1 Emergency:

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

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

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

5.9.2 O.P.D:

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

5.9.3 Death or End of Life Management.

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

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

5.9.4 Inventory Control System

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

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

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

5.9.5 Project Monitoring Committee

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

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

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

5.10 Relationship with Sectoral Objectives

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

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

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

6. DESCRIPTION AND JUSTIFICATION OF PROJECT

6.1 JUSTIFICATION OF PROJECT

attached

1. Description, Justification and Technical Parameters

The scheme has been estimated on face of the factual basic requirements and if needed, alterations and has been quoted in this PC-I. The Population of Depalpur District Okara is more than 0.438 million. The area of the THQ Hospital Depalpur District Okara is 340,957 SFT land.

6.1 Description and Justification

The Project Management Unit, Revamping Program, Primary and Secondary Healthcare Department planned to start the 2nd Phase of the said revamping program. The instant PC-I is also meant for provision of requisite biomedical and non-biomedical equipment, Electricity, Furniture & Fixture, Signage, HR and outsourcing of services for THQ Depalpur District Okara

Revamping of THQ Depalpur District Okara constitutes of value addition in all major domains of the hospital including improvement of Civil infrastructure, addition of water filtration plant facility, value addition in Emergency ward and making the health facility more equipped with modern bio-medical equipment. State of the art furniture and fixtures complemented by interior and exterior decors are also part of this revamping project backed by the thought of dedicated express line of electricity to ensure smooth operations of hospitals will bring the modern health facilities in healthy and comfortable environment at the door step of masses. Introduction of new model of outsourcing of laundry services to ensure provision of neat and clean bed sheets, pillow covers, blankets etc. round the clock is also a part of this project. Fool proof security and adequate cleanliness measures of whole health facility are also proposed in this PC-I.

Civil work component will be carried out through C&W Department instead of District Health Authority for this hospital. Value addition in Emergency block is proposed in four domains i.e. Triage, Minor O.T, Specialized care room and emergency ward. Addition of Water Filtration Plant facility where it is not available as unclean or polluted water is devastating for human health. A key consideration was made while selecting furniture and its compatibility with hospital grade cleaners, detergents and disinfectants. Signage is an effective interface between the user and intended facility. Effective signage promotes the healthcare facility in a patient friendly manner. Access is an important part of quality of care. A crucial aspect for patient satisfaction is their comfort levels with the facility itself i.e. a person's ease in navigating a facility, and the timeliness in receiving care. Clear and proper signage at strategic points helps patients in reaching their destination without losing much of their valuable time and saves lot of their efforts in unnecessary enquiring from persons. In this regard, the Equipment of Emergency, Bio-Medical, Non-Bio-Medical, Electricity, Signage, Janitorial, Security, Laundry, Maintenance of Generator and Horticulture have been added as per actual requirement of the Hospital. The Equipment of MSDS, IT, Furniture Fixture, Day Care Center, HR, Medical Gases, Cafeteria are fixed in all hospitals as per yardstick

established by P& SH Department. Prior to initiation of this exercise standardization of required facilities was done by committee of experts in P & SH Department and on the basis of it, gaps were identified which would be covered under this PC-I.

Justification for 3rd Revision of PC-I

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

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

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

3. As the gestation period of the PC-I till 30.06.2023, therefore, the cost of NMS has been revised for smooth running of the Tehsil Headquarter Hospitals and hence PC-I has been proposed till 30- 06-2025.
4. Infrastructure team has conducted the Joint visits with the team of C&W Department. During the field visits, few alterations were recommended by the technical teams which have been incorporated in the Revised Rough Cost Estimates of the subject scheme and have been attached with the PC-I along with comparative statement. Therefore, Civil works component cost has been increased from Rs. 66.879 million to Rs. 121.966 million due to few changes in the scope and MRS rates (2nd Bi-annual 2022).

85 THQ Hospitals covered under the Program:

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

PROJECT MANAGEMENT UNIT
PRIMARY & SECONDARY HEALTHCARE DEPARTMENT



LOCATION OF DHQ AND THQ HOSPITALS IN PUNJAB



6.2 SECTORAL SPECIFIC INFORMATION

Social Sectors, Health Department

7. CAPITAL COST ESTIMATES

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

Grant Number:Development - (PC22036)
LO NO:LO17011141
A/C To be Credited:Assan Assignment

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

PKR Million

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

Grant Number:Government Buildings - (PC12042)
LO NO:LO22010058
A/C To be Credited:Account-I

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

PKR Million

Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
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Abstract of Cost

Name of THQ Hospital	THQ DEPALPUR											
	Original			1st Revised			2nd Revised			3rd Revised		
Scope of work	Cost in million											
	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total
Capital component												
Internal development	0.000	24.448	24.448	0.000	24.448	24.448	49.440	10.000	59.440	92.827	10.000	102.827
External development	0.000	4.624	4.624	0.000	4.624	4.624	14.346	0.000	14.346	24.534	0.000	24.534
Water filtration plant	0.000	5.600	5.600	0.000	5.600	5.600	3.094	0.000	3.094	4.605	0.000	4.605
Total Capital Component	0.000	34.672	34.672	0.000	34.672	34.672	66.879	10.000	76.879	121.966	10.000	131.966
Revenue component												
Emergency	0.000	20.463	20.463	0.000	20.463	20.463	0.000	27.876	27.876	0.000	47.336	47.336
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	39.711	39.711	0.000	39.711	39.711	0.000	51.767	51.767	0.000	79.476	79.476
Electricity	0.000	16.390	16.390	0.000	16.390	16.390	0.000	18.590	18.590	0.000	21.390	21.390
IT & QMS & Surveillance	0.000	14.515	14.515	0.000	14.515	14.515	0.000	16.715	16.715	0.000	20.120	20.120
Furniture and Fixtures	0.000	13.504	13.504	0.000	13.504	13.504	0.000	13.504	13.504	0.000	18.788	18.788
Interior and Exterior decorations/ Signage	0.000	3.268	3.268	0.000	3.268	3.268	0.000	4.695	4.695	0.000	4.695	4.695
Day Care Center	0.000	1.600	1.600	0.000	1.600	1.600	0.000	1.600	1.600	0.000	1.600	1.600
Human resource (HR) plan	0.000	17.220	17.220	0.000	17.220	17.220	0.000	38.690	38.690	0.000	56.627	56.627
LC Deficit during procurement (currency fluctuation)								2.247	2.247		2.247	2.247
Total Revenue component	0.000	135.318	135.318	0.000	135.318	135.318	0.000	185.338	185.338	0.000	265.717	265.717
Outsourcing component												
Janitorial Services	0.000	17.094	17.094	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Security and Parking services	0.000	6.880	6.880	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	2.320	2.320	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEP	0.000	3.712	3.712	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Medical Gases	0.000	1.304	1.304	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Cafeteria	0.000	6.743	6.743	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Horticulture services	0.000	4.388	4.388	0.000	0.048	0.048	0.000	0.048	0.048	0.000	0.048	0.048
Total outsourcing cost	0.000	45.441	45.441	0.000	0.048	0.048	0.000	0.048	0.048	0.000	0.048	0.048
Total	0.000	215.431	215.431	0.000	170.037	170.037	66.879	195.386	262.265	121.966	275.765	397.731
Contingency (1%) only on Civil Component	0.000	0.347	0.347	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Third Party Monitoring (TPM) (1%)	0.000	2.154	2.154	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Third Party Validation (TPV) (1%)	0.000	2.154	2.154	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grand Total	0.000	220.086	220.086	0.000	170.037	170.037	66.879	195.386	262.265	121.966	275.765	397.731

Emergency Equipment

Sr. No.	Area	ITEM DESCRIPTION	Yard Stick	Original			1st Revised			2nd Revised			3rd Revised		
				Required Quantity	Actual Unit Price	Actual Total Cost(Rs)	Required Quantity	Actual Unit Price	Actual Total Cost(Rs)	Required Quantity	Actual Unit Price	Actual Total Cost(Rs)	Required Quantity	Actual Unit Price	Actual Total Cost(Rs)
				(T=6+S=0+E=6)			(T=6+S=0+E=6)			(T=6+S=0+E=6)			(T=6+S=0+E=6)		
1	Reception Area	Table	0		99,750	-		99,750	-		99,750	-		99,750	-
2		Chairs	0		26,775	-		26,775	-		26,775	-		30,000	-
3		Computer Data Entry With Printer	1	1	141,750	141,750	1	141,750	141,750	1	141,750	141,750	1	195,000	195,000
4	3	Table (2.5 X 4)*(N)	0	0	101,850	-	0	101,850	-	0	101,850	-	0	101,850	-
5	6	Chairs *(N)	0	0	26,775	-	0	26,775	-	0	26,775	-	0	30,000	-
6	Triage area	B.p apparatus wall type*(N)	3	6	15,750	94,500	6	15,750	94,500	6	30,000	180,000	6	30,000	180,000
7		Gurney WITH FOOT STEP)*(N)	3	6	420,000	2,520,000	6	420,000	2,520,000	6	460,000	2,760,000	6	800,000	4,800,000
8		Mercury B.P apparatus*(N)	2	4	33,600	134,400	4	33,600	134,400	4	36,000	144,000	4	36,000	144,000
9		Laryngoscope paed's & adult each*(N)	2	4	10,500	42,000	4	10,500	42,000	4	12,000	48,000	4	20,000	80,000
10		Diagnostic set*(N)	1	2	45,150	90,300	2	45,150	90,300	2	50,000	100,000	2	85,000	170,000
11		ECG Machine (with trolley) *(N)	1	2	169,785	339,570	2	169,785	339,570	2	180,000	360,000	2	300,000	600,000
12		Central oxygen with accessories FOR each	0	0	420,000	-	0	420,000	-	0	-	-	0	-	-
13		NEBULIZER HD*(N)	2	4	125,265	501,060	4	125,265	501,060	4	215,000	860,000	4	300,000	1,200,000
14		SUCKER MACHINE*(N)	1	2	259,350	518,700	2	259,350	518,700	2	275,000	550,000	2	300,000	600,000
15		Resuscitation Trolley (fully equipped) *(N)	1	2	244,733	489,466	2	244,733	489,466	2	400,000	800,000	2	600,000	1,200,000
16		INSTRUMENT CABINET*N	1	2	69,300	138,600	2	69,300	138,600	2	69,300	138,600	2	69,300	138,600
17		MEDICINE TROLLY*N	1	2	60,900	121,800	2	60,900	121,800	2	60,900	121,800	2	60,900	121,800
18	Minor O.T	O.T table WITH foot step	1	1	1,417,500	1,417,500	1	1,417,500	1,417,500	1	2,000,000	2,000,000	1	2,500,000	2,500,000
19		Anesthesia Machine	1	1	2,509,554	2,509,554	1	2,509,554	2,509,554	1	3,000,000	3,000,000	1	7,000,000	7,000,000
20		Sucker machine	1	1	259,350	259,350	1	259,350	259,350	1	275,000	275,000	1	300,000	300,000
21		Portable O.T Lights	1	1	304,220	304,220	1	304,220	304,220	1	500,000	500,000	1	900,000	900,000
22		Ceiling o.t light	1	1	414,750	414,750	1	414,750	414,750	1	800,000	800,000	1	950,000	950,000
23		Hot air oven	1	1	110,000	110,000	1	110,000	110,000	1	385,000	385,000	1	450,000	450,000
24		Autoclave	1	1	441,000	441,000	1	441,000	441,000	1	550,000	550,000	1	850,000	850,000
25		Instrument trolley*N	1	1	54,000	54,000	1	54,000	54,000	1	54,000	54,000	1	55,000	55,000
26		Defibrillator*N	1	1	310,000	310,000	1	310,000	310,000	1	650,000	650,000	1	800,000	800,000
27		Instrument cabinet	1	1	69,300	69,300	1	69,300	69,300	1	69,300	69,300	1	69,300	69,300
28	Constant / specialized care room	GURNEYS*N	4		420,000	-		420,000	-		460,000	-		850,000	-
29		Sucker machine *(N)	2		259,350	-		259,350	-		275,000	-		300,000	-
30		Nebulizer HD*(N)	2		125,265	-		125,265	-		215,000	-		300,000	-
31		Center Oxygen supply*N	1		420,000	-		420,000	-		-	-		-	-
32		Resuscitation Trolley (fully equipped) *(N)	1		237,618	-		237,618	-		400,000	-		600,000	-
33		Defibrillator*N	1		302,605	-		302,605	-		650,000	-		800,000	-
34		Pulse- oximeter*(N)	4		104,000	-		104,000	-		160,000	-		225,000	-
35		Bedside-monitor*(N)	4		301,665	-		301,665	-		550,000	-		1,200,000	-
36		ECG MACHINE)*(N)	1		169,785	-		169,785	-		169,785	-		300,000	-
37		BP APPARATUS*N	1		15,750	-		15,750	-		16,000	-		16,000	-
38		FOOT STEP)*(N)	1		3,150	-		3,150	-		4,000	-		5,500	-
39		ATTANDANT BENCH)*(N)	1		5,250	-		5,250	-		8,000	-		10,000	-
40	7	(MOTRIZED BEDS) with accessories (with foot steps)*(N)	7	6	210,000	1,260,000	6	210,000	1,260,000	6	400,000	2,400,000	6	600,000	3,600,000
41	6	ECG machine(with trolley) *(N)	1	1	169,785	169,785	1	169,785	169,785	1	169,785	169,785	1	300,000	300,000
42		Pulse- oximeter *(N)	6	6	104,000	624,000	6	104,000	624,000	6	160,000	960,000	6	225,000	1,350,000
43		Bedside-monitor*(N)	3	3	301,665	904,995	3	301,665	904,995	3	550,000	1,650,000	3	1,200,000	3,600,000
44		B.P apparatus wall type *(N)	6	6	26,250	157,500	6	26,250	157,500	6	30,000	180,000	6	30,000	180,000

Emergency Equipment

				Original			1st Revised			2nd Revised			3rd Revised		
Sr.	Area	ITEM DESCRIPTION	Yard	Required Quantity	Actual Unit	Actual Total	Required Quantity	Actual Unit	Actual Total	Required Quantity	Actual Unit	Actual Total	Required Quantity	Actual Unit	Actual Total
45	Emergency ward	Nebulizer HD *(N)	2	2	125,265	250,530	2	125,265	250,530	2	215,000	430,000	2	300,000	600,000
46		Resuscitation Trolley (fully equipped) *(N)	1	1	237,618	237,618	1	237,618	237,618	1	400,000	400,000	1	600,000	600,000
47		Defibrillator*N	1	1	299,153	299,153	1	299,153	299,153	1	650,000	650,000	1	800,000	800,000
48		Sucker machine *(N)	2	2	259,350	518,700	2	259,350	518,700	2	275,000	550,000	2	300,000	600,000
49	Generalized	Wheal chairs *(N)	0	0	31,500	-	0	31,500	-	0	35,000	-	0	35,000	-
50		Stretcher *(N)	0	0	69,300	-	0	69,300	-	0	69,300	-	0	69,300	-
51		ambo bag paed with Mask*N	5	5	15,750	78,750	5	15,750	78,750	5	19,000	95,000	5	19,000	95,000
52		ambo bag adult with Mask* N	5	5	15,750	78,750	5	15,750	78,750	5	19,000	95,000	5	19,500	97,500
53		patient stool * N	2	2	4,085	8,169	2	4,085	8,169	2	4,500	9,000	2	5,000	10,000
54		Portable x-rays (300 M.A)	1	1	3,450,350	3,450,350	1	3,450,350	3,450,350	1	4,300,000	4,300,000	1	9,800,000	9,800,000
55		Portable ultra-sound	1	1	1,403,325	1,403,325	1	1,403,325	1,403,325	1	1,500,000	1,500,000	1	2,400,000	2,400,000
		Total				20,463,445			20,463,445			27,876,235			47,336,200
						20.463			20.463			27.876			47.336

MSDS

		Original			1st Revised			2nd Revised			3rd Revised		
Sr. No.	ITEM DESCRIPTION	Quantity Required	Actual Unit Price	Actual Total Cost(Rs)	Quantity Required	Actual Unit Price	Actual Total Cost(Rs)	Quantity Required	Actual Unit Price	Actual Total Cost(Rs)	Quantity Required	Actual Unit Price	Actual Total Cost(Rs)
1	Histology slide boxes	3	3,100	9,299	3	3,100	9,299	3	4,500	13,500	3	4,500	13,500
2	Labeling Device connected with Computer	3	60,000	180,000	3	60,000	180,000	3	80,000	240,000	3	80,000	240,000
3	Safe Transportation Boxes	2	15,750	31,500	2	15,750	31,500	2	18,000	36,000	2	18,000	36,000
4	Portable Safety Exhaust Hood	1	160,000	160,000	1	160,000	160,000	1	250,000	250,000	1	450,000	450,000
5	Centrifuge Machine	0	149,336	-	0	149,336	-	0	250,000	-	0	325,000	-
6	Hot plates	2	26,250	52,500	2	26,250	52,500	2	45,000	90,000	2	55,000	110,000
7	Water bath	1	157,500	157,500	1	157,500	157,500	1	157,500	157,500	1	300,000	300,000
8	Complaint boxes	10	3,150	31,500	10	3,150	31,500	10	3,150	31,500	10	3,150	31,500
9	Spine boards with Neck holders	4	31,080	124,320	4	31,080	124,320	4	31,080	124,320	4	31,080	124,320
10	Sensitometer	1	137,325	137,325	1	137,325	137,325	1	137,325	137,325	1	137,325	137,325
11	Densitometer personal	2	191,391	382,782	2	191,391	382,782	2	191,391	382,782	2	191,391	382,782
12	Box of Films	2	26,250	52,500	2	26,250	52,500	2	30,000	60,000	2	30,000	60,000
13	Aluminium Step Wedge	1	26,250	26,250	1	26,250	26,250	1	26,250	26,250	1	26,250	26,250
14	Non-Mercury thermometer	10	305	3,045	10	305	3,045	10	350	3,500	10	750	7,500
15	Brass or copper mesh screen	2	5,250	10,500	2	5,250	10,500	2	5,250	10,500	2	5,250	10,500
16	Wheel Chairs	0	31,500	-	0	31,500	-	0	35,000	-	0	35,000	-
17	Statures	0	67,830	-	0	67,830	-	0	75,000	-	0	75,000	-
18	Blood Warmer	3	246,750	740,250	3	246,750	740,250	3	275,000	825,000	3	275,000	825,000
19	Sequence Compression Device	2	210,000	420,000	2	210,000	420,000	2	230,000	460,000	2	600,000	1,200,000
20	Blood Bank Refrigerators with	0	682,500	-	0	682,500	-	0	700,000	-	0	1,469,900	-
21	Data Coder	1	84,000	84,000	1	84,000	84,000	1	100,000	100,000	1	-	-
22	Plasma Separator 1	0	4,200,000	-	0	4,200,000	-	0	4,500,000	-	0	4,500,000	-
23	Blood Storage Cabinet	1	682,500	682,500	1	682,500	682,500	1	700,000	700,000	1	1,469,900	1,469,900
24	Resuscitation Trolley	0	244,733	-	0	244,733	-	0	400,000	-	0	491,350	-
25	Ultra sound machine gyne	0	1,403,325	-	0	1,403,325	-	0	1,700,000	-	0	2,150,000	-
26	Delivery Table	0	47,250	-	0	47,250	-	0	47,250	-	0	48,500	-
27	Height and weight scale	4	8,400	33,600	4	8,400	33,600	4	10,000	40,000	4	31,500	126,000
28	Suction Electronic	0	259,350	-	0	259,350	-	0	275,000	-	0	275,000	-
29	Fetal Heart Rate Detector	1	144,375	144,375	1	144,375	144,375	1	175,000	175,000	1	275,000	275,000
30	Ambo bag	0	17,325	-	0	17,325	-	0	19,000	-	0	19,000	-
31	Neonatal size face mask	4	578	2,310	4	578	2,310	4	1,200	4,800	4	1,500	6,000
32	Exchange transfusion trays	2	10,000	20,000	2	10,000	20,000	2	10,000	20,000	2	12,000	24,000
33	Shoe racks SS	4	39,900	159,600	4	39,900	159,600	4	39,900	159,600	4	39,900	159,600
34	Sterilizer	0	2,940,000	-	0	2,940,000	-	0	3,500,000	-	0	7,800,000	-
35	Washer disinfectant	0	-	-	0	-	-	0	-	-	0	-	-
36	Packing table	0	-	-	0	-	-	0	-	-	0	-	-
37	Digital Sealer Printer	1	420,000	420,000	1	420,000	420,000	1	480,000	480,000	1	520,000	520,000
38	Backup Auto Clave	0	441,000	-	0	441,000	-	0	550,000	-	0	789,625	-
39	Racks for Manual	10	21,000	210,000	10	21,000	210,000	10	37,500	375,000	10	56,160	561,600
40	Locked Racks for MSDS Data	2	21,000	42,000	2	21,000	42,000	2	37,500	75,000	2	56,160	112,320
41	Eye Wash Station with shower	3	300,000	900,000	3	300,000	900,000	3	350,000	1,050,000	3	350,000	1,050,000
42	Air Curtain	4	50,190	200,760	4	50,190	200,760	4	60,000	240,000	4	60,000	240,000
43	Fire Sand Buckets with stand	5	15,000	75,000	5	15,000	75,000	5	20,000	100,000	5	20,000	100,000
44	Smoke Detectors	10	7,350	73,500	10	7,350	73,500	10	8,500	85,000	10	8,500	85,000
45	Heat Detector	5	8,400	42,000	5	8,400	42,000	5	10,000	50,000	5	10,000	50,000
46	Gas Detector	5	6,300	31,500	5	6,300	31,500	5	7,500	37,500	5	7,500	37,500
47	Fire Blankets	10	2,783	27,825	10	2,783	27,825	10	3,200	32,000	10	3,200	32,000
48	Fire Alarms	10	5,250	52,500	10	5,250	52,500	10	6,500	65,000	10	6,500	65,000
49	Identification Bands	100	3	315	100	3	315	100	3	300	100	3	300
50	Wet Flooring Signages	0	431	-	0	431	-	0	550	-	0	750	-
51	Key Box	6	8,190	49,140	6	8,190	49,140	6	10,000	60,000	6	10,000	60,000
52	Dehumidifier	0	58,800	-	0	58,800	-	0	70,000	-	0	100,000	-
53	Tourniquet	4	840	3,360	4	840	3,360	4	850	3,400	4	1,500	6,000
54	LAB SAFETY BOX	2	3,150	6,300	2	3,150	6,300	2	4,000	8,000	2	4,000	8,000
55	densitometer	0	210,000	-	0	210,000	-	0	210,000	-	0	210,000	-
56	vending machine	0	630,000	-	0	630,000	-	0	630,000	-	0	630,000	-
57	Automatic shoe cover machine	2	296,100	592,200	2	296,100	592,200	2	332,500	665,000	2	332,500	665,000
58	Vein Finder	2	630,000	1,260,000	2	630,000	1,260,000	2	630,000	1,260,000	2	630,000	1,260,000
59	Blood Sample Vials (BOXES)	3	13	38	3	13	38	3	15	45	3	15	45
60	Bassinets	5	21,000	105,000	5	21,000	105,000	5	22,000	110,000	5	22,000	110,000
61	Chemical Spill Cleanup kit	2	100,000	200,000	2	100,000	200,000	2	100,000	200,000	2	100,000	200,000
62	Digital Temperature Humidity 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	1	650,000	650,000	1	650,000	650,000	1	650,000	650,000	1	2,200,000	2,200,000
Total				8,647,094			8,647,094			9,653,822			13,437,942
				8,647			8,647			9,654			13,438

Medical Equipment

			Original					1st Revised				2nd Revised					3rd Revised			
Sr. No.	Area	Name of Equipment	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	
1	Laboratory	Semi Auto Clinical Chemistry Analyzer	1	1	0	449,295	-	1	0	449,295	-	1	0	550,000	-	1	0	550,000	-	
2		Hematology Analyzer	1	1	0	427,350	-	1	0	427,350	-	1	0	550,000	-	1	0	750,000	-	
3		Electrolyte Analyzer	1	2	0	427,350	-	2	0	427,350	-	2	0	550,000	-	2	0	550,000	-	
4		Blood Gas Analyzer	0	0	0	2,744,858	-	0	0	2,744,858	-	0	0	3,200,000	-	0	0	1,400,000	-	
5		Clinical Microscope	1	2	0	132,825	-	2	0	132,825	-	2	0	180,000	-	2	0	250,000	-	
6		Water Bath	1	2	0	60,000	-	2	0	60,000	-	2	0	157,500	-	2	0	325,000	-	
7		Hot air Oven	1	3	0	210,000	-	3	0	210,000	-	3	0	385,000	-	3	0	450,000	-	
8		Distilled water plant	1	1	0	52,500	-	1	0	52,500	-	1	0	75,000	-	1	0	125,000	-	
9		Auto pipettes	10	5	5	31,500	157,500	5	5	31,500	157,500	5	5	40,500	202,500	5	5	45,000	225,000	
10		glass wares	0	0	0	105,000	-	0	0	105,000	-	0	0	105,000	-	0	0	105,000	-	
11		Centrifuge Machine	2	0	2	149,336	298,673	0	2	149,336	298,673	0	2	250,000	500,000	0	2	400,000	800,000	
12	X-Rays	Static X-ray Machine	1	1	0	4,200,000	-	1	0	4,200,000	-	1	0	6,000,000	-	1	0	12,000,000	-	
13		Mobile X-Ray Machine	0	1	0	3,850,524	-	1	0	3,850,524	-	1	0	4,300,000	-	1	0	9,800,000	-	
14		Computerized Radiography System	0	0	0	4,018,245	-	0	0	4,018,245	-	0	0	4,500,000	-	0	0	4,500,000	-	
15		Dental X-Ray	0	2	0	282,975	-	2	0	282,975	-	2	0	350,000	-	2	0	525,000	-	
16		Lead apron and PPE	2	0	2	52,500	105,000	0	2	52,500	105,000	0	2	60,000	120,000	0	2	85,000	170,000	
17		Density meter personal (Add)	0	0	0	210,000	-	0	0	210,000	-	0	0	210,000	-	0	0	250,000	-	
18		Lead glass /shield	0	0	0	105,000	-	0	0	105,000	-	0	0	105,000	-	0	0	150,000	-	
19	Lead Walls	0	0	0	525,000	-	0	0	525,000	-	0	0	525,000	-	0	0	525,000	-		
20	Ultrasound	Portable/Mobile Ultrasound	0	0	0	1,371,331	-	0	0	1,371,331	-	0	0	1,500,000	-	0	0	2,400,000	-	
21		Color Doppler RADIOLOGY	1	1	0	3,698,310	-	1	0	3,698,310	-	1	0	4,500,000	-	1	0	5,500,000	-	
22	CCU	ICU MONITOR	2	2	0	301,665	-	2	0	301,665	-	2	0	900,000	-	2	0	1,250,000	-	
23		Temporary pace maker	0	0	0	315,000	-	0	0	315,000	-	0	0	315,000	-	0	0	550,000	-	
24		Defibrillator	1	1	0	299,153	-	1	0	299,153	-	1	0	650,000	-	1	0	800,000	-	
25		ECG Machine Three Channel	2	2	0	169,785	-	2	0	169,785	-	2	0	169,785	-	2	0	300,000	-	
26		ETT Machine	0	0	0	2,021,838	-	0	0	2,021,838	-	0	0	2,200,000	-	0	0	3,000,000	-	
27		Color dopler RADIOLOGY	0	0	0	4,681,790	-	0	0	4,681,790	-	0	0	4,800,000	-	0	0	6,000,000	-	
28		Suction Pump	2	17	0	259,350	-	17	0	259,350	-	17	0	275,000	-	17	0	300,000	-	
29	Blood Bank	Blood Cabinet	1	2	0	690,539	-	2	0	690,539	-	2	0	700,000	-	2	0	1,500,000	-	
30		Centrifuge Machine	2	2	0	149,336	-	2	0	149,336	-	2	0	250,000	-	2	0	400,000	-	
31		Slide viewer	1	0	1	42,000	42,000	0	1	42,000	42,000	0	1	55,000	55,000	0	1	55,000	55,000	
32		Clinical Microscope	1	0	1	132,825	132,825	0	1	132,825	132,825	0	1	180,000	180,000	0	1	250,000	250,000	
33	Dialysis Unit (10 beds)	Computerized Hemo Dialysis Machine	5	4	1	1,050,000	1,050,000	4	1	1,050,000	1,050,000	4	1	1,600,000	1,600,000	4	1	3,200,000	3,200,000	
34	Nursery	Baby Cot	10	0	10	14,669	146,685	0	10	14,669	146,685	0	10	16,000	160,000	0	10	16,000	160,000	
35		Phototherapy Unit	2	2	0	130,200	-	2	0	130,200	-	2	0	655,000	-	2	0	850,000	-	
36		Infant Warmer	2	3	0	335,638	-	3	0	335,638	-	3	0	985,000	-	3	0	1,050,000	-	
37		Pulse Oximeter	6	0	6	104,500	627,000	0	6	104,500	627,000	0	6	160,000	960,000	0	6	225,000	1,350,000	
38		Infant Incubator	2	1	1	858,932	858,932	1	1	858,932	858,932	1	1	900,000	900,000	1	1	1,750,000	1,750,000	
39		Suction Pump	1	0	1	259,350	259,350	0	1	259,350	259,350	0	1	275,000	275,000	0	1	300,000	300,000	
40		Hospital Grade Nebulizer Heavy Duty	2	0	2	125,265	250,530	0	2	125,265	250,530	0	2	215,000	430,000	0	2	300,000	600,000	
41	O.T (04)	Anesthesia Machine with Ventilator	1	2	0	2,509,554	-	2	0	2,509,554	-	2	0	3,000,000	-	2	0	7,000,000	-	
42		BED SIDE PATIENT MONITOR	2	2	0	441,000	-	2	0	441,000	-	2	0	550,000	-	2	0	1,200,000	-	
43		Defibrillator	2	1	1	308,713	308,713	1	1	308,713	308,713	1	1	650,000	650,000	1	1	800,000	800,000	
44		Electrosurgical Unit	1	1	0	507,530	-	1	0	507,530	-	1	0	700,000	-	1	0	900,000	-	
45		Operation Table	1	4	0	1,426,215	-	4	0	1,426,215	-	4	0	2,000,000	-	4	0	2,500,000	-	
46		Ceiling Operating Light	1	2	0	413,013	-	2	0	413,013	-	2	0	800,000	-	2	0	950,000	-	
47		STEAM STERILIZER	1	3	0	3,465,000	-	3	0	3,465,000	-	3	0	4,000,000	-	3	0	7,800,000	-	
48		Suction Pump	2	0	2	259,350	518,700	0	2	259,350	518,700	0	2	275,000	550,000	0	2	300,000	600,000	
49		Resuscitation trolley With Crash Cart	2	0	2	244,733	489,466	0	2	244,733	489,466	0	2	400,000	800,000	0	2	600,000	1,200,000	
50		mayo table	4	0	4	21,000	84,000	0	4	21,000	84,000	0	4	23,000	92,000	0	4	23,000	92,000	
51	Orthopedic	MOBILE OPERATING LIGHT	1	1	0	304,220	-	1	0	304,220	-	1	0	400,000	-	1	0	900,000	-	
52		Operation Table	0	0	0	1,426,215	-	0	0	1,426,215	-	0	0	2,000,000	-	0	0	5,000,000	-	
53		ORTHOPEDIC DRILL	0	0	0	1,108,740	-	0	0	1,108,740	-	0	0	1,500,000	-	0	0	4,000,000	-	
54		Plaster Cutting Pneumatic	1	1	0	276,250	-	1	0	276,250	-	1	0	450,000	-	1	0	1,500,000	-	
55		Pneumatic Tourniquets	0	0	0	262,500	-	0	0	262,500	-	0	0	262,500	-	0	0	300,000	-	
56		Orthopedic Instruments	0	0	0	432,623	-	0	0	432,623	-	0	0	550,000	-	0	0	550,000	-	
57		Portable/Mobile Ultrasound	1	0	1	1,418,958	1,418,958	0	1	1,418,958	1,418,958	0	1	1,500,000	1,500,000	0	1	2,400,000	2,400,000	
58		Autoclave	1	0	1	441,000	441,000	0	1	441,000	441,000	0	1	550,000	550,000	0	1	850,000	850,000	

Medical Equipment

			Original					1st Revised				2nd Revised				3rd Revised			
Sr. No.	Area	Name of Equipment	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost
59	Gynea (20 beds)	Delivery Set	10	2	8	31,500	252,000	2	8	31,500	252,000	2	8	40,000	320,000	2	8	65,000	520,000
60		Delivery Table	2	2	0	47,250	-	2	0	47,250	-	2	0	47,250	-	2	0	55,000	-
61		BED SIDE PATIENT MONITOR	2	0	2	294,000	588,000	0	2	294,000	588,000	0	2	550,000	1,100,000	0	2	1,200,000	2,400,000
62		D & C Set	2	2	0	34,650	-	2	0	34,650	-	2	0	40,000	-	2	0	60,000	-
63		Vacume Extractor	1	1	0	259,350	-	1	0	259,350	-	1	0	300,000	-	1	0	350,000	-
64		CTG Machine	1	0	1	628,049	628,049	0	1	628,049	628,049	0	1	725,000	725,000	0	1	900,000	900,000
65		ECG Machine Three Channel	1	1	0	169,785	-	1	0	169,785	-	1	0	180,000	-	1	0	300,000	-
66		Portable O.T Light	2	1	1	304,220	304,220	1	1	304,220	304,220	1	1	400,000	400,000	1	1	900,000	900,000
67		Baby Cot	2	3	0	14,669	-	3	0	14,669	-	3	0	16,000	-	3	0	16,000	-
68		Delivery trolley	2	2	0	47,250	-	2	0	47,250	-	2	0	47,250	-	2	0	47,250	-
69		Desktop Fetal Heart Rate Detector	1	3	0	144,375	-	3	0	144,375	-	3	0	175,000	-	3	0	200,000	-
70	Surgical Emergency (10 beds)	Steam Sterilizer	0	0	0	3,355,849	-	0	0	3,355,849	-	0	0	4,000,000	-	0	0	7,800,000	-
71		Operation Table	0	0	0	1,426,215	-	0	0	1,426,215	-	0	0	2,000,000	-	0	0	2,500,000	-
72		MOBILE OPERATING LIGHT	0	0	0	285,466	-	0	0	285,466	-	0	0	400,000	-	0	0	900,000	-
73		Suction Pump	0	17	0	259,350	-	17	0	259,350	-	17	0	275,000	-	17	0	300,000	-
74		Laryngoscope	0	4	0	9,744	-	4	0	9,744	-	4	0	12,000	-	4	0	20,000	-
75		Set of Surgical Instruments	0	0	0	141,750	-	0	0	141,750	-	0	0	160,000	-	0	0	220,000	-
76	Others	Stretcher	10	0	10	68,250	682,500	0	10	68,250	682,500	0	10	69,300	693,000	0	10	69,300	693,000
77		wheel chair	10	0	10	31,500	315,000	0	10	31,500	315,000	0	10	35,000	350,000	0	10	35,000	350,000
78		foot support	6	0	6	4,200	25,200	0	6	4,200	25,200	0	6	4,500	27,000	0	6	5,148	30,888
79		Resuscitation trolley With Crash Cart	5	0	5	237,618	1,188,091	0	5	237,618	1,188,091	0	5	400,000	2,000,000	0	5	600,000	3,000,000
80		BP Appratus	15	65	0	15,750	-	65	0	15,750	-	65	0	16,000	-	65	0	16,000	-
81		Ventilator	0	0	0	2,195,080	-	0	0	2,195,080	-	0	0	3,500,000	-	0	0	5,500,000	-
82		CPAP	1	0	1	1,098,510	1,098,510	0	1	1,098,510	1,098,510	0	1	2,100,000	2,100,000	0	1	2,800,000	2,800,000
83		X-RAY PROCESSOR	1	0	1	858,440	858,440	0	1	858,440	858,440	0	1	925,000	925,000	0	1	1,200,000	1,200,000
84		Hand wash Scrub Double Bay	2	0	2	94,500	189,000	0	2	94,500	189,000	0	2	100,000	200,000	0	2	140,000	280,000
85		Image Intensifier	0	0	0	4,667,460	-	0	0	4,667,460	-	0	0	4,667,460	-	0	0	12,000,000	-
86		Central Medical Gass Pipe Line System	7	0	7	850,000	5,950,000	0	7	850,000	5,950,000	0	7	-	-	0	7	-	-
87	ICU	Motorized Patient bed with bed side,Mattress,IV stand, Attendant Bench	4	0	4	210,000	840,000	0	4	210,000	840,000	0	4	400,000	1,600,000	0	4	600,000	2,400,000
88		Sphygmomanometer wall mtd	4	0	4	15,750	63,000	0	4	15,750	63,000	0	4	30,000	120,000	0	4	35,000	140,000
89		Resuscitation trolley With Crash Cart	2	0	2	244,733	489,466	0	2	244,733	489,466	0	2	400,000	800,000	0	2	600,000	1,200,000
90		Defibrillator	1	0	1	299,153	299,153	0	1	299,153	299,153	0	1	650,000	650,000	0	1	800,000	800,000
91		Defibrillator with Monitor	0	0	0	330,750	-	0	0	330,750	-	0	0	650,000	-	0	0	800,000	-
92		ECG Machine Three Channel	0	0	0	169,785	-	0	0	169,785	-	0	0	180,000	-	0	0	300,000	-
93		Syringe pump	1	0	1	108,780	108,780	0	1	108,780	108,780	0	1	125,000	125,000	0	1	200,000	200,000
94		Suction Pump	0	0	0	259,350	-	0	0	259,350	-	0	0	275,000	-	0	0	300,000	-
95		ICU Monitor	0	0	0	298,200	-	0	0	298,200	-	0	0	900,000	-	0	0	1,250,000	-
96		Instrument Trolley	1	0	1	55,000	55,000	0	1	55,000	55,000	0	1	55,000	55,000	0	1	55,000	55,000
97		Ward instruments	0	0	0	-	-	0	0	-	-	0	0	-	-	0	0	-	-
98		Ventilator intensive care	2	0	2	1,600,000	3,200,000	0	2	1,600,000	3,200,000	0	2	3,500,000	7,000,000	0	2	5,500,000	11,000,000
99		CPAP with humidifier	0	0	0	1,098,510	-	0	0	1,098,510	-	0	0	2,100,000	-	0	0	2,800,000	-
100		DELIVERY TROLLEY STAINLESS STEEL	1	0	1	23,835	23,835	0	1	23,835	23,835	0	1	47,250	47,250	0	1	47,250	47,250
101		Ambu-Bag, adult	4	0	4	17,325	69,300	0	4	17,325	69,300	0	4	19,000	76,000	0	4	19,000	76,000
102		Ambu-Bag, paedrs	4	0	4	17,325	69,300	0	4	17,325	69,300	0	4	19,000	76,000	0	4	19,000	76,000
103	MORTUARY	TWO BODY REFRIGERATOR WITH CASTERS 220v 50Hz Along with Atopsy Table & Lifter Trolley	1	0	1	2,470,546	2,470,546	0	1	2,470,546	2,470,546	0	1	3,000,000	3,000,000	0	1	3,500,000	3,500,000
104		Dental Unit	2	0	2	2,190,000	4,380,000	0	2	2,190,000	4,380,000	0	2	2,820,000	5,640,000	0	2	2,820,000	5,640,000
105		Autoclave	1	0	1	441,000	441,000	0	1	441,000	441,000	0	1	550,000	550,000	0	1	850,000	850,000
106		Dental X-RAY Machine	1	0	1	282,975	282,975	0	1	282,975	282,975	0	1	350,000	350,000	0	1	525,000	525,000
107	Dental Unit	Digital Intra Oral Camera	0	0	0	94,500	-	0	0	94,500	-	0	0	150,000	-	0	0	600,000	-
108		DENTAL CAUTERY	0	0	0	84,000	-	0	0	84,000	-	0	0	160,000	-	0	0	900,000	-
109		Ultrasonic scaling	1	0	1	120,750	120,750	0	1	120,750	120,750	0	1	175,000	175,000	0	1	300,000	300,000
110		Curing lights	1	0	1	52,500	52,500	0	1	52,500	52,500	0	1	95,000	95,000	0	1	150,000	150,000
111		Endo motor system	1	0	1	199,601	199,601	0	1	199,601	199,601	0	1	265,000	265,000	0	1	500,000	500,000
112		Dental cabinet	0	0	0	42,000	-	0	0	42,000	-	0	0	70,000	-	0	0	160,000	-
113		Dental examination/surgical instrument sets	4	0	4	157,500	630,000	0	4	157,500	630,000	0	4	175,000	700,000	0	4	175,000	700,000
114		Shortwave diathermy	1	0	1	844,562	844,562	0	1	844,562	844,562	0	1	1,500,000	1,500,000	0	1	2,750,000	2,750,000
115		Infrared Radiation	1	0	1	142,916	142,916	0	1	142,916	142,916	0	1	315,222	315,222	0	1	526,500	526,500

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	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost
116	Physiotherapy unit	TENS(Transcutaneous Electrical Nerve Stimulation)	1	0	1	132,577	132,577	0	1	132,577	132,577	0	1	275,000	275,000	0	1	585,000	585,000
117		Treatment couch	4	0	4	10,080	40,320	0	4	10,080	40,320	0	4	75,000	300,000	0	4	760,500	3,042,000
118		A. Electrical Heating Pads	3	0	3	6,300	18,900	0	3	6,300	18,900	0	3	20,000	60,000	0	3	117,000	351,000
119		B. Hot pack unite	1	0	1	131,782	131,782	0	1	131,782	131,782	0	1	253,485	253,485	0	1	1,053,000	1,053,000
120		C. Paraffin bath	1	0	1	154,082	154,082	0	1	154,082	154,082	0	1	308,071	308,071	0	1	819,000	819,000
121		Therapeutic ULTRASOUND unit	1	0	1	141,748	141,748	0	1	141,748	141,748	0	1	275,000	275,000	0	1	819,000	819,000
122		Treadmill	1	0	1	335,111	335,111	0	1	335,111	335,111	0	1	950,000	950,000	0	1	1,404,000	1,404,000
123		Mats	1	0	1	75,817	75,817	0	1	75,817	75,817	0	1	150,000	150,000	0	1	292,500	292,500
124		Quadriceps Bench	1	0	1	189,164	189,164	0	1	189,164	189,164	0	1	425,000	425,000	0	1	750,000	750,000
125		Ergometer Cycling	1	0	1	66,087	66,087	0	1	66,087	66,087	0	1	175,000	175,000	0	1	409,500	409,500
126		Mirror	1	0	1	24,640	24,640	0	1	24,640	24,640	0	1	45,000	45,000	0	1	400,000	400,000
127		Floor Mounted Parallel Bars	1	0	1	87,821	87,821	0	1	87,821	87,821	0	1	150,000	150,000	0	1	590,000	590,000
128		Pully System	1	0	1	41,826	41,826	0	1	41,826	41,826	0	1	128,594	128,594	0	1	409,500	409,500
129		Trolleys	4	0	4	2,520	10,080	0	4	2,520	10,080	0	4	35,000	140,000	0	4	50,000	200,000
130		Stool(Steel)	4	0	4	2,520	10,080	0	4	2,520	10,080	0	4	7,000	28,000	0	4	10,000	40,000
131	Beds	Fowler beds with Mattress	60	0	60	70,000	4,200,000	0	60	70,000	4,200,000	0	60	110,000	6,600,000	0	60	150,000	9,000,000
		Total					39,711,061				39,711,061				51,767,121				79,476,138
							39.711				39.711				51.767				79.476

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)	0	450,000	-	0	450,000	-	0	450,000	-	0	450,000	-
3	Transformers (50 KVA)	0	300,000	-	0	300,000	-	0	300,000	-	0	300,000	-
4	Generator (200 KVA)	1	4,000,000	4,000,000	1	4,000,000	4,000,000	1	4,000,000	4,000,000	1	4,000,000	4,000,000
5	Generator (100 KVA)	0	2,300,000	-	0	2,300,000	-	0	2,300,000	-	0	2,300,000	-
6	2 Ton air conditioners (Split)	35	55,500	1,942,500	35	55,500	1,942,500	35	55,500	1,942,500	35	55,500	1,942,500
7	2 Ton air conditioners (Cabinet)	31	78,000	2,418,000	31	78,000	2,418,000	31	78,000	2,418,000	31	78,000	2,418,000
8	4 Ton air conditioners (Cabinet)	13	120,000	1,560,000	13	120,000	1,560,000	13	120,000	1,560,000	13	120,000	1,560,000
9	Ceiling Fans 56"	170	3,090	525,300	170	3,090	525,300	170	3,090	525,300	170	3,090	525,300
10	Exhaust Fans	36	3,000	108,000	36	3,000	108,000	36	3,000	108,000	36	3,000	108,000
11	Bracket Fans 18"	72	3,280	236,160	72	3,280	236,160	72	3,280	236,160	72	3,280	236,160
12	Dual Connection of Electricity / Express Line	1	5,000,000	5,000,000	1	5,000,000	5,000,000	1	7,200,000	7,200,000	1	10,000,000	10,000,000
Total				16,389,960			16,389,960			18,589,960			21,389,960
				16.390			16.390			18.590			21.390

IT & QMS & Surveillance

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

Furniture and Fixtures

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

Signage and plaques

			Original			1st Revised			2nd Revised			3rd Revised		
Sr No	Type	Kinds of Sign Boards	Quantity	Rates	Cost	Quantity	Rates	Cost	Quantity	Rates	Cost	Quantity	Rates	Cost
External Sign Boards														
1	A1	External Platform/Road Signage (Circular)	7	9,710	67,970	7	9,710	67,970	7	13,951	97,657	7	13,951	97,657
2	A2	External Platform/Road Signage (Triangular)	7	8,883	62,181	7	8,883	62,181	7	12,762	89,337	7	12,762	89,337
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)	12	13,870	166,440	12	13,870	166,440	12	19,929	239,148	12	19,929	239,148
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	7	45,299	317,093	7	45,299	317,093	7	65,087	455,612	7	65,087	455,612
12	E1	External Map Boards	3	39,523	118,569	3	39,523	118,569	3	56,788	170,365	3	56,788	170,365
Internal Signage														
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)	5	49,171	245,855	5	49,171	245,855	5	70,651	353,255	5	70,651	353,255
4	F4	Internal Hanging Signage (Corridor 2)	5	49,741	248,705	5	49,741	248,705	5	71,470	357,350	5	71,470	357,350
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	110	831	91,410	110	831	91,410	110	1,194	131,362	110	1,194	131,362
8	K1	Internal Wall Signage	110	1,365	150,150	110	1,365	150,150	110	1,961	215,754	110	1,961	215,754
9	L1	Room Numbers Fixed on Wall	60	3,465	207,900	60	3,465	207,900	60	4,978	298,704	60	4,978	298,704
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
		Total			3,172,480			3,172,480			4,558,390			4,558,390
		Designing and Site Supervision			95,174			95,174			136,752			136,752
		Grand Total			3,267,654			3,267,654			4,695,142			4,695,142
					3.268			3.268			4.695			4.695

DAY CARE CENTER

Yard Stick as per Women Development Department

Sr. No.	ITEMS	Original			1st Revised			2nd Revised			3rd Revised		
		Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total
1	Cylinder Block	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000
2	Geometrical Cabinet (36 pcs)	1	4,000	4,000	1	4,000	4,000	1	4,000	4,000	1	4,000	4,000
3	Geometrical Solids (10 pcs)	1	2,200	2,200	1	2,200	2,200	1	2,200	2,200	1	2,200	2,200
4	Base for Geometrical Solids (14 pcs)	1	2,000	2,000	1	2,000	2,000	1	2,000	2,000	1	2,000	2,000
5	Constructive Triangles (4 box)	1	400	400	1	400	400	1	400	400	1	400	400
6	Metal Insets (10 - shape)	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000
7	Stand for metal insets	1	2,000	2,000	1	2,000	2,000	1	2,000	2,000	1	2,000	2,000
8	Paper Board for metal insets (10 Boards)	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000
9	Sandpaper Alphabets (English)	3	2,000	6,000	3	2,000	6,000	3	2,000	6,000	3	2,000	6,000
10	Sandpaper Alphabets (Urdu)	3	3,500	10,500	3	3,500	10,500	3	3,500	10,500	3	3,500	10,500
11	Sandpaper Number	3	2,000	6,000	3	2,000	6,000	3	2,000	6,000	3	2,000	6,000
12	Hammer Case	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000
13	Soft Reading Book	15	200	3,000	15	200	3,000	15	200	3,000	15	200	3,000
14	Shape Sorting Case	2	500	1,000	2	500	1,000	2	500	1,000	2	500	1,000
15	Transport Set (Model)	2	700	1,400	2	700	1,400	2	700	1,400	2	700	1,400
16	Model Puzzles (S)	7	300	2,100	7	300	2,100	7	300	2,100	7	300	2,100
17	Model Puzzles (B)	7	500	3,500	7	500	3,500	7	500	3,500	7	500	3,500
18	Storybook	20	100	2,000	20	100	2,000	20	100	2,000	20	100	2,000
19	Information Book (Large)	20	350	7,000	20	350	7,000	20	350	7,000	20	350	7,000
20	Basket (L)	10	1,000	10,000	10	1,000	10,000	10	1,000	10,000	10	1,000	10,000
21	Basket (S)	10	600	6,000	10	600	6,000	10	600	6,000	10	600	6,000
22	Color table Box	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000
23	ABC Block	4	500	2,000	4	500	2,000	4	500	2,000	4	500	2,000
24	Number Block	4	500	2,000	4	500	2,000	4	500	2,000	4	500	2,000
25	Color Pensils (Large)	5	450	2,250	5	450	2,250	5	450	2,250	5	450	2,250
26	Color Crayons (Large)	5	300	1,500	5	300	1,500	5	300	1,500	5	300	1,500
27	Marker Color (Board and Permanent)	15	395	5,925	15	395	5,925	15	395	5,925	15	395	5,925
28	Fruits Basket (Model Set)	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000
29	Vegetables Basket (Model Set)	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000
30	Animal Sets	2	600	1,200	2	600	1,200	2	600	1,200	2	600	1,200
31	Insects sets	2	400	800	2	400	800	2	400	800	2	400	800
32	Shape Sorting House	2	1,500	3,000	2	1,500	3,000	2	1,500	3,000	2	1,500	3,000
33	Flash card (Small)	10	120	1,200	10	120	1,200	10	120	1,200	10	120	1,200
34	Flash card (Big)	10	325	3,250	10	325	3,250	10	325	3,250	10	325	3,250
35	Sand Play	2	1,000	4,000	2	1,000	4,000	2	1,000	4,000	2	1,000	4,000
36	Gym Play	2	2,000	3,000	2	2,000	3,000	2	2,000	3,000	2	2,000	3,000
37	Straight Mats	20	1,500	40,000	20	1,500	40,000	20	1,500	40,000	20	1,500	40,000
38	Folding Mats	20	2,000	6,000	20	2,000	6,000	20	2,000	6,000	20	2,000	6,000
39	Diaper Changing Mats	3	300	1,500	3	300	1,500	3	300	1,500	3	300	1,500
40	Cube Cushion	2	500	1,000	2	500	1,000	2	500	1,000	2	500	1,000
41	Square Cushion	2	500	600	2	500	600	2	500	600	2	500	600
42	Baby Mirror	3	300	2,400	3	300	2,400	3	300	2,400	3	300	2,400
43	Pink Tower With Stand	1	800	500	1	800	500	1	800	500	1	800	500
44	Dressing Frames	10	500	8,000	10	500	8,000	10	500	8,000	10	500	8,000
45	Monkey Stuffed	2	800	2,400	2	800	2,400	2	800	2,400	2	800	2,400
46	Lion Stuffed	2	1,200	3,400	2	1,200	3,400	2	1,200	3,400	2	1,200	3,400
47	Cater Pillar Stuffed	2	1,700	3,000	2	1,700	3,000	2	1,700	3,000	2	1,700	3,000
48	Stuffed toys (Animal shaped i.e. Monkey, lion, caterpillar etc)	6	1,500	9,000	6	1,500	9,000	6	1,500	9,000	6	1,500	9,000
49	Long Roads with Stands	1	1,500	1,500	1	1,500	1,500	1	1,500	1,500	1	1,500	1,500
50	Number Rods	1	500	500	1	500	500	1	500	500	1	500	500
51	Stand Number Rods	1	800	800	1	800	800	1	800	800	1	800	800
52	Soft toys	2	700	1,400	2	700	1,400	2	700	1,400	2	700	1,400
53	Infants Manual Weight Machine	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000
54	Toddlers Manual Weight Machine	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000
55	Tri Cycles	4	3,500	14,000	4	3,500	14,000	4	3,500	14,000	4	3,500	14,000
56	Wooden Cots	10	10,000	100,000	10	10,000	100,000	10	10,000	100,000	10	10,000	100,000
57	Mattresses for Cots	10	1,200	12,000	10	1,200	12,000	10	1,200	12,000	10	1,200	12,000
58	Pillows	10	300	3,000	10	300	3,000	10	300	3,000	10	300	3,000
59	Bed Sheets and pillow covers	20	400	8,000	20	400	8,000	20	400	8,000	20	400	8,000
60	Nets	10	600	6,000	10	600	6,000	10	600	6,000	10	600	6,000
61	High Chairs for feeding	15	3,000	45,000	15	3,000	45,000	15	3,000	45,000	15	3,000	45,000
62	Rockers Cum Bouncer	8	2,500	20,000	8	2,500	20,000	8	2,500	20,000	8	2,500	20,000
63	Cot Mobile	10	1,500	15,000	10	1,500	15,000	10	1,500	15,000	10	1,500	15,000
64	Plastic Chairs (Round edges Animal Shapes)	7	600	4,200	7	600	4,200	7	600	4,200	7	600	4,200
65	Multi-Purpose Table	2	3,000	6,000	2	3,000	6,000	2	3,000	6,000	2	3,000	6,000
66	Writing Board	1	500	500	1	500	500	1	500	500	1	500	500
67	Electric Sterilizer	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
68	Electric Warmer	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
69	Table sets	2	4,000	8,000	2	4,000	8,000	2	4,000	8,000	2	4,000	8,000
70	Rocker	6	3,200	19,200	6	3,200	19,200	6	3,200	19,200	6	3,200	19,200
71	Activity Gym (Infants)	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000
72	Play Gym	5	2,700	13,500	5	2,700	13,500	5	2,700	13,500	5	2,700	13,500
73	Activity Gym (Toddlers)	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000
74	Toiler Training Seat	10	3,000	30,000	10	3,000	30,000	10	3,000	30,000	10	3,000	30,000
75	Infant Toys	30	4,000	120,000	30	4,000	120,000	30	4,000	120,000	30	4,000	120,000
76	Bath Toys	15	1,000	15,000	15	1,000	15,000	15	1,000	15,000	15	1,000	15,000
77	Fun Links Teether	15	300	4,500	15	300	4,500	15	300	4,500	15	300	4,500
78	Fun Pal Teether	15	500	7,500	15	500	7,500	15	500	7,500	15	500	7,500
79	Fun Rattle	15	400	6,000	15	400	6,000	15	400	6,000	15	400	6,000
80	Mother feeding Chair	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000
81	Soft Books (duplication)	20	500	10,000	20	500	10,000	20	500	10,000	20	500	10,000
82	Bottle Brushes	3	300	900	3	300	900	3	300	900	3	300	900
List of others Items i.e. Kitchen, Office, Electric items				-			-			-			-
1	Water Dispenser	1	14,000	14,000	1	14,000	14,000	1	14,000	14,000	1	14,000	14,000
2	Microwave Oven	1	12,400	12,400	1	12,400	12,400	1	12,400	12,400	1	12,400	12,400
3	Fridge	1	34,000	34,000	1	34,000	34,000	1	34,000	34,000	1	34,000	34,000
4	Kitchen Accessories / Cutleries etc.	24	200	4,800	24	200	4,800	24	200	4,800	24	200	4,800
5	Sofa Set	1	40,000	40,000	1	40,000	40,000	1	40,000	40,000	1	40,000	40,000
6	Office Table	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000
7	Office Chairs	5	10,000	50,000	5	10,000	50,000	5	10,000	50,000	5	10,000	50,000
8	Air Conditioner	2	42,000	84,000	2	42,000	84,000	2	42,000	84,000	2	42,000	84,000
9	LCD	1	27,000	27,000	1	27,000	27,000	1	27,000	27,000	1	27,000	27,000
10	DVD player	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000
11	CCTV Camaras	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

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
14	Vacuum Cleaner	1	7,000	7,000	1	7,000	7,000	1	7,000	7,000	1	7,000	7,000
15	Fire Extinguishers (Large)	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
16	Electric Insect Killer	2	7,800	15,600	2	7,800	15,600	2	7,800	15,600	2	7,800	15,600
17	Electric Hand Dryer	1	4,000	4,000	1	4,000	4,000	1	4,000	4,000	1	4,000	4,000
18	Electric Heater	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
19	Ceiling/bracket Fans	4	8,000	32,000	4	8,000	32,000	4	8,000	32,000	4	8,000	32,000
20	Curtains	2	45,000	90,000	2	45,000	90,000	2	45,000	90,000	2	45,000	90,000
21	Carpets	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000
22	Other miscellaneous items	1	218,675	218,675	1	218,675	218,675	1	218,675	218,675	1	218,675	218,675
	TOTAL			1,600,000			1,600,000			1,600,000			1,600,000
				1.600			1.600			1.600			1.600

Human Resource Model of THQ Hospital

Sr. No.	NAME OF POST	Original				1st Revised				2nd Revised				3rd Revised				
		No. of Employees	Per Month Salary	Per Month Salary for Person	Salary for One Year	No. of Employees	Per Month Salary	Per Month Salary for Person	Salary for One Year	No. of Employees	Per Month Salary	Per Month Salary for Person	Salary for Two Years	No. of Employees	Project Pay Scale	Per Month Salary	Per Month Salary for all Person	Salary for Two Years
1	ADMIN OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
2	HUMAN RESOURCE & LEGAL OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
3	IT/STATISTICAL OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
4	FINANCE, BUDGET & AUDIT OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
5	PROCUREMENT OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
6	QUALITY ASSURANCE OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
7	LOGISTICS OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
8	DATA ENTRY OPERATOR (DEO)	2	25,000	50,000	600,000	2	25,000	50,000	600,000	2	35,000	70,000	1,680,000	2	3	44,000	88,000	2,728,000
9	ASSISTANT ADMIN OFFICER	2	40,000	80,000	960,000	2	40,000	80,000	960,000	2	50,000	100,000	2,400,000	2	5	70,000	140,000	4,340,000
10	HR FOR QMS and MSDS and Day Care Center																	
11	QMS Supervisor / Information Desk Officer	2	25,000	50,000	600,000	2	25,000	50,000	600,000	2	25,000	50,000	600,000	2		25,000	50,000	600,000
12	Computer Operator	8	20,000	160,000	1,920,000	8	20,000	160,000	1,920,000	8	20,000	160,000	1,920,000	8		20,000	160,000	1,920,000
13	Consultants (MSDS) Implementation & Clinical Audit	1	100,000	100,000	1,200,000	1	100,000	100,000	1,200,000	1	100,000	100,000	1,200,000	1		100,000	100,000	1,200,000
14	Training on MSDS Compliance for Staff of THQ Hospital	1000	4,000	4,000,000	4,000,000	1000	4,000	4,000,000	4,000,000	1000	4,000	4,000,000	4,000,000	1000		4,000	4,000,000	4,000,000
15	Rent for Vehicle				500,000				500,000				500,000				0	500,000
16	Manager Day Care Center	1	45,000	45,000	540,000	1	45,000	45,000	540,000	1	45,000	45,000	540,000	1		45,000	45,000	540,000
17	Montessori Trained Teacher	1	35,000	35,000	420,000	1	35,000	35,000	420,000	1	35,000	35,000	420,000	1		35,000	35,000	420,000
18	Attendant / Care Giver	4	25,000	100,000	1,200,000	4	25,000	100,000	1,200,000	4	25,000	100,000	1,200,000	4		25,000	100,000	1,200,000
19	Office Boy	1	20,000	20,000	240,000	1	20,000	20,000	240,000	1	20,000	20,000	240,000	1		20,000	20,000	240,000
	Sub Total of HR Model			4,860,000	17,220,000			4,860,000	17,220,000			5,040,000	28,140,000				5,273,000	40,473,000
					17,220				17,220				28,140					40,473
	Utilization of HR Component								10.550				16.15					
	Total of HR Component												38.69					56.627

Janitorial Services

	Original		From 1st Revised to onward
Assumptions			In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under: "It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY". In view of above, Outsourcing cost has been excluded from this PC-I.
Covered area excluding residential area	65,083	sft	
Covered area assigned to one sweeper	7,500	sft	
Number of sweepers required for covered area	9	Persons	
Road and ROW area	72,748	sft	
Road and ROW assigned to one sweeper	15,000	sft	
Number of sweepers required for road and ROW area	5	Persons	
Number of washroom blocks	19	blocks	
Number of washroom block assigned to one sweeper	3	Persons	
Number of sweepers required for total washroom blocks	6	Persons	
Total sweeper in morning shift	20	Persons	
Total number of sweepers in evening shift	10	Persons	
Total number of sweepers in night shift	10	Persons	
Total number of sweepers in all shifts	40	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	40	22,000	10,565,843
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)			17,093,843
17.094			

17.094

Security and Parking

		Original			From 1st Revised to onward
Assumptions					<p>In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under:</p> <p>"It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".</p> <p>In view of above, Outsourcing cost has been excluded from this PC-I.</p>
Covered area excluding residences	24,051				
Covered Area per guard	15,000				
Number of guards	2				
Open area excluding parking area	76,221				
Area covered per guard per shift for open area excluding parking	15,000				
Number of guards for total area excluding parking area	5				
Number of gates	4				
Number of guards at gates	8				
Total No of Guard	15				
Total number of all guards for second shift	7				
Lady Searcher	4				
Number of parking areas	1				
Number of guards for parking lot per shift (Morning+ Evening)	2				
Total no. of Supervisors	2				
Type of worker	No of workers	Salary per month	Salary per Month for all Person	Salary for One year	
Supervisors	2	24,675	49,350	592,200	
Ex-Army	8	21,525	172,200	2,066,400	
Civilian	11	21,000	231,000	2,772,000	
Lady Searcher	4	21,525	86,100	1,033,200	
Parking	2	21,525	43,050	516,600	
Sub total				6,980,400	
Equipment cost					
Lump sum Provision (Walk Through Gate=1, Metal Detector=4, Walkies Talkies=8, Base Set=1)				400,000	
Sub total				400,000	
Subtracting Parking Fees				500,000	
Total Security and Parking Services				6,880,400	
				6.880	

Laundry Services

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

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

Maintenance of Generator

	Original			From 1st Revised to onward
Item Name	Quantity	Cost per Month	Total Cost	
Periodical Maintenance Cost				
Number of Generators (200 KVA)	-	500,000	-	
Number of Generators (100 KVA)	1	325,000	325,000	
Number of Generators (50 KVA)	1	175,000	175,000	
Repairs Cost	1	500,000	500,000	
HR Cost				
Supervisor	1	40,000	240,000	
Generator Operator	3	30,000	1,080,000	
Technical Staff/Mechanic	-	-	-	
Total			2,320,000	
			2.320	

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.

MEP

		Original			From 1st Revised to onward
Type of worker / Component	No of workers	Salary per month	Salary per Month for all persons	Salary for One Year	<p>In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under:</p> <p>"It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".</p> <p>In view of above, Outsourcing cost has been excluded from this PC-I.</p>
Supervisors	1	56,420	56,420	677,040	
Plumber	1	32,550	32,550	390,600	
AC/ Technician	1	34,720	34,720	416,640	
Electrician	2	31,465	62,930	755,160	
Carpenter	1	30,380	30,380	364,560	
Total (Salary component)			217,000	2,604,000	
	No.	Per Unit Cost per Year	Cost per Year for all Items	Cost for One Year	
A/C	70	6,665	466,550	466,550	
Fridge	5	4,000	20,000	20,000	
UPS	12	8,000	96,000	96,000	
Water Cooler	15	4,000	60,000	60,000	
Exhaust	7	3,000	21,000	21,000	
Geyser	15	4,000	60,000	60,000	
Water Pump	3	3,000	9,000	9,000	
Carpentry Work		-	180,000	180,000	
Electrical Work		-	120,000	120,000	
Plumbing Work		-	75,000	75,000	
Sub Total				1,107,550	
General Total				3,711,550	
					3.712

Medical Gases

		Original				From 1st Revised to onward
Scope of Work		Monthly Consumption per THQ Hospital	Annual Consumption per THQ Hospital	Rate per Cylinder	Total Annual Cost per THQs	
Oxygen	Medical Oxygen Gas in 240 CFTCylinder (MM)	12	144	1850	266,400	<p>In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under:</p> <p>"It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".</p> <p>In view of above, Outsourcing cost has been excluded from this PC-I.</p>
	Medical Oxygen Gas in 48 CFTCylinder (MF)	30	360	1,000	360,000	
	Medical Oxygen Gas in 24 CFTCylinder (ME)	40	480	800	384,000	
Nitrous Oxide	Nitrous Oxide in 1,620 Liter (XE)	2	24	5,000	120,000	
	Nitrous Oxide in 16,200 Liter (XM)	1	12	12,500	150,000	
Nitrogen Gas	Nitrogen Gas	1	12	2,000	24,000	
Total					1,304,400	

1.304

Cafeteria

Pre-Fabrication Cateen (Procurement)

		Original				From 1st Revised to onward
Sr. No.	Description of work	Unit	Qty	Rate (Rs)	Amount (Rs)	<p>In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under: "It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".</p> <p>In view of above, Outsourcing cost has been excluded from this PC-I.</p>
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) for ordinary soil	Cft	2545	6.13	15,602	
2	Spraying anti-termite liquid mixed with water in the ratio of 1:40.	Sft	4305	2.21	9,514	
3	Supplying and filling sand of approved quality from outside sources under floors etc complete in all respects.	Cft	2268	15.62	35,426	
4	Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor and foundation, complete in all respects.	Cft	998	39.15	39,069	
5	Providing and laying damp proof course (1½" thick (40 mm)) of cement concrete 1:2:4, with one coat bitumen and one coat polythene sheet 500gauge	Sft	318	43.34	13,789	
6	Brick work with cement, sand mortar ratio 1:5	Cft	1792	180.25	323,071	
7	Cement concrete plain Ratio 1: 4: 8 including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate)	Cft	427	170.72	72,893	
8	Cement concrete plain Ratio 1: 2 : 4 including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate)	Cft	1043	190.48	198,746	
9	Placing Granite tiles (24"x24"x0.5") using white cement over a bed of ¾" (20 mm) thick cement mortar 1:6.	Sft	2160	200.00	432,000	
10	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect.	Sft	720	118.00	84,960	
Total Amount of Platform Construction					1,225,070	
Pre-Fabrication of Canteen Structure						
11	Providing and fixing aluminium frame window with double glazed glass 6mm+6mm thick complete in all respect as approved by engineer	Sft	48	1100.00	52,800	
12	Providing and fixing aluminium frame door with single glazed glass 6mm thick complete in all respect as approved by engineer	Sft	56	700.00	39,200	
13	Fixing of frameless Glass wall of approved quality and design as approved by engineer	Sft	550	1500.00	825,000	
14	Providing Granite skirting or dado 4/8"(13 mm) thick including rounding of corner and straight ening of top edge and finishing to smooth surface afterplastering	Sft	491	212.00	104,177	
15	Placing & erection of pre-painted Box section tube Columns of M.S sheet 4mm thick of size 4" x4" complete in all respect.	Kg	693	150.00	103,950	
16	Placing & erection of pre-painted Box section tube Rafters of M.S sheet 4mm thick of size 3" x3" with all fittings, complete in all respect.	Kg	1040	150.00	155,925	
17	Placing & erection of pre-painted Box section tube Purlins of M.S sheet 1.6 mm thick (16 Gauge) of size 2" x2", with all fittings, complete in all respect.	Rft	676	120.00	81,144	
18	Placing & erection of pre-painted, Galvanized Sandwiched board of 0.5 mm thick M.S sheet with 50mm PU insulation with all fittings, complete in all respect.	Sft	2640	400.00	1,055,800	
19	Placing & fixing glass wool complete in all respect.	Sft	3024	50.00	151,200	
20	Placing & fixing Gypsum False Ceiling, complete in all respect.	Sft	3024	70.00	211,680	
21	Providing & Fixing corrugated galvanized iron sheets 22 gauge with EPDM screw fittings, complete in all respect.	Sft	3629	145.00	526,176	
Total Cost of Pre-Fabrication of Canteen Structure					3,307,052	
Total Amount (Rs)					4,532,121	
22	Electrification				998,735	
23	Plumbing and Sanitary				410,000	
24	Kitching Fixtures				802,000	
Grand Total Amount (Rs)					6,742,856	

6.743

LANDSCAPE DEVELOPMENT WORKS					
COST ESTIMATE					
		Original			From 1st Revised to onward
Sr. No.	Description	Unit	Quantity	Unit Rate Rs.	Amount Rs.
1	SOFT LANDSCAPE				
1.1	TOP SOIL				
	Providing, spreading and leveling of topsoil (sweet soil including manure and fertilizers) as required complete in all respects as per Drawings, Specifications and as approved by the Engineer.	Cft	13,663	20	273,260
1.2	STONE / PEBBLES				
	Supply and laying a layer of pebbles/stone at specified locations with Landscape base as in Landscape Design approved by the Engineer.	Truck	1	31,375	31,375
1.3	GRASSING				
a	GRASSING (EXISTING NON MAINTANE LAWNS)				
	Providing and dibbing of Fine Dacca grass where required, including mud filling/leveling and contour shape preparation conforming to the criteria outlined in the Specifications, complete in all respects as per Drawings, Specifications and as approved by the Engineer.	Sft	18,738	7	131,166
b	GRASSING (NEW LAWNS)				
	Providing and dibbing of Fine Dacca grass, including mud filling/leveling and contour shape preparation conforming to the criteria outlined in the Specifications, complete in all respects as per Drawings, Specifications and as approved by the Engineer.	Sft	23,423	10.00	234,230
1.4	TREE / SHRUBS (SPREADING)				
	Providing and planting tree / shrub as listed and as arrangement and type shown in the Drawings, in pits of size 305mm x 305mm x 305mm. Dug in improved soil 610mm. deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer.				
a	Trees 18" pot 6'-7" - Terminally, Cassia Fistula, Bauhinia Variegated, Alstonia Choirs, Ficus Yellow, Ficus Black, Jacaranda, Piken, Mangifera etc.	No's	96	1,400	134,400
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, Miruspps, Pine, Ficus Amestai, Piken, Palms etc.	No's	22	260	5,720
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	40	600	24,000
1.5	Shrubs and Ornamental Plants 10" pot Pittosporum Variegated, Murray Small, Ixora Coccinea, Juniper Variegated, Hibiscus Variegated, Carronda Dwarf Spp, Jasmine Sambac(Mottya), Leucophyllum Frutescens(Silvery), Rose, Nerium, Lantana, Canna, Asparagass, Conocarpus, Acalypha, Callistemon Dwarf, Cestrum, Thabernaemontana Variegated etc.	No's	8,517	65	553,605
a	Shrubs and Ornamental Plants 12" pot Pittosporum Variegated, Ixora Cochineal, Juniper Variegated, Carronade Dwarf, Jasmine Thai, Plumier Robar, Cassia Malacca, Largest mea, Euphorbia, Jestrophia Thai etc.	No's	1,338	185	247,530
1.6	GROUND COVERS				
	Providing and planting ground covers as listed and as arrangement and type shown in the Drawings, in pits of size 150mm x 150mm x 150mm. Dug in improved soil 610mm deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer.				
	Ground Cover Plastic Bag Plants Alternant Hera, Dianella, Iresine (Red), Hemercolis(Daylily), Duranta etc.	No's	9,096	11	100,056
1.7	PALMS				
	Providing and planting palms as per Drawings, specifications and to the satisfaction of Engineer.				
a	Palm 18" pot - Queen Palm, Wodyetia Bifurcate, Washingtonian Palm, Biskarkia etc.	No's	11	3,575	39,325
b	Palm 18" pot - Phoenix Palm, Cyrus Palm	No's	15	1,700	25,500
1.8	CREEPERS				
	Providing and planting Creepers as listed and as arrangement and type shown in the Drawings, in pits of size 305mm x 305mm x 305mm. Dug in improved soil 610mm. deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer.				
	Creepers 12" Pot - Bougainvillea, Bonsai, Qusqualus, Bombay Creeper etc.	No's	45	195	8,775
2	HARD LANDSCAPE				
2.1	WALK WAYS				
a	Excavation of walkways and edging including brick ballast under 12"x14" curb stones fixing with 1:2:4 PCC, supply of 7000PSI tuff tiles 60mmas per approved design fixing on 4" brick ballast compacted and grouting with sand.	Stt	1874	150	281,100
2.2	BENCHES				
	Concrete Bench 5' wide complete in all respects and to the satisfaction of Engineer as per approved design.	No's	9	14,698	132,282
2.3	DUSTBINS				
	Complete in all respects and to the satisfaction of Engineer as per approved design.	No's	6	27,700	166,200
2.4	PLAYING EQUIPMENTS				
	Complete in all respects and to the satisfaction of Engineer as per approved design.	No's	1	544,939	544,939

In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under:
"It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".
 In view of above, Outsourcing cost has been excluded from this PC-I whereas Rs. 0.048 million has been charged in this scheme against Design Consultancy from development side before the above said decision, hence it is reflected in this PC-I.

LANDSCAPE DEVELOPMENT WORKS						
COST ESTIMATE						
			Original			From 1st Revised to onward
2.5	PLANTERS					
	Concrete planters 2' X 2-1/2' complete in all respects and to the satisfaction of Engineer as per approved design.	No's	8	3,700	29,600	
2.6	WATER POINTS (Injector Pump 1HP)	No's	1	45,000	45,000	
3	SOFT LANDSCAPE MAINTENANCE (Including maintenance and up keeping of site for 6 months) after development as per specifications and to the satisfaction of Engineer.	Sft	46,845	7.50	351,338	
4	CONSTRUCTION OF PLANTERS					
	Large Size					
4.1	with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	182	550	100,100	
	Medium Size					
4.2	with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	24	550	13,200	
	Small Size					
4.3	with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	44	550	24,200	
5	GAZEBO Construction of Gazebo 12' X 12' with top fiberglass 3 layer canopy as per approved design and to the satisfaction of Engineer.	No's	1	200,000	200,000	
	Total Amount of - Landscaping				3,696,901	
	PRA(16%)				591,504	
	Design Consultancy				100,000	
	Grand Total				4,388,405	
					4.388	

PUNJAB BUILDINGS DEPARTMENT



PROVINCE:

PUNJAB

CIRCLE:

BUILDINGS CIRCLE, SAHIWAL.

DIVISION:

BUILDINGS DIVISION, OKARA .

SUB DIVISION:

BUILDINGS SUB DIVISION, OKARA

SUBJECT:

AMENDED ROUGH COST ESTIMATE FOR
PROGRAMME FOR REVAMPING OF ALL
THQ HOSPITALS IN PUNJAB ONE AT THQ
DEPALPUR DISTRICT OKARA (ADP SCHEME
NO. 658 / 2022-23).

ESTIMATED COST :

Rs.142.568 Million.

~~128.318~~ 121.966 (M)

136.413 (M) 133.592 (M)

(2)

AMENDED ROUGH COST ESTIMATE FRAMED IN THE OFFICE OF THE EXECUTIVE ENGINEER, BUILDINGS DIVISION, OKARA FOR THE PROGRAMME FOR REVAMPING OF ALL THQ HOSPITALS IN PUNJAB ONE AT THQ HOSPITAL DEPALPUR DISTRICT OKARA (ADP SCHEME NO.792/2021.22).

HISTORY:-

The Project Management Unit P&S Health Care Department, Govt. of the Punjab, Lahore has requested to prepared the rough cost estimate for the renovation / revamping of THQ Hospital Depalpur District Okara vide his letter No.PMU/(P&SHD)/2020/1011, dated 17.02.2021. The Scope of work was also desired by the PMU Department, Lahore. The Scheme was reflected in Annual Development Programme in 2021-22 at serial No.792 with estimate cost of Rs.15000.000 Million in Block and the rates has been changed the rough cost estimate has been prepared on New Plinth Area Rates of 2nd Bi Annual 2021 for according amounting to Rs.66.879 Million for arranging Administrative Approval from the competent authority. The Scheme was Administratively Approved for Rs.66.879 Million. The funds of the scheme was not released and work was not allotted to the contractor. Now the Scheme was reflected in Annual Development Programme in 2022-23 at serial No.658 with estimate cost of Rs. 22,060.239 Million in Block. The PMIU Primary & Secondary Healthcare Department, Lahore Team again visited the site on 11.08.2022 and change the scope of work and the amended rough cost estimate has been prepared on Plinth Area Rates of 2nd Bi Annual 2022 for according amounting to Rs.142.568 Million for arranging amended Administrative Approval from the competent authority

Hence, this amended Rough cost estimate amounting to ^{121.966}~~Rs.142.568~~ (M) has been prepared for according vetting /Administrative Approval and funds from the competent authority.

DESIGN / SCOPE.

Renovation / Provision Work..	
1. Revamping of OPD Block, Emergency, OT, and Dalysis Unit and Ward Block Etc	1-Job
2. Water Filtration Plant	1-Job
3. External Waiting Area and Parking	1-Job
4. Provision of Water Supply and Sewerage	1-Job
5. Provision of 0.25 Cusic Turbine i/c Boring	1-Job
6. Provision of Link Veranda	280-Sft
7. Provision of Eletric Room	120-Sft
8. Provision of Ramp	1-Job
9. Provision of Fire Alarm System	1-Job
10. Provision of CCTV System	1-Job
11. Provision of Net working System	1-Job
12. Provision of Power Wiring	1-Job
13. Provision of Dump Well for OT Block	1-Job
14. Add Punjab Sales Tex	5%

SPECIFICATION

The work will be executed in accordance with Building Department specification latest edition and to entire satisfaction of Engineer Incharge.

RATES.

Rates provided in the estimate are base on MRS placed on the Web site of Finance Department for the 2nd Bi annual period 2022

COST

The total cost of the estimate works out to Rs. ^{121.966}~~142.568~~ (M).

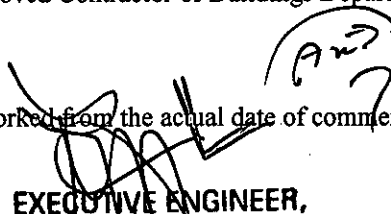
CARRYING OUT OF WORK.

The work will be carried out through the approved Contractor of Buildings Department after calling competitive tenders.

TIME.

It will take out 12-Months to complete the worked from the actual date of commencement.


Sub Divisional Officer,
Buildings Sub Division,
Depalpur,


EXECUTIVE ENGINEER,
BUILDINGS DIVISION,
OKARA



ORDER

No.PO(D-II)1-237/2021: Consequent upon the decision of Departmental Development Sub Committee (DDSC), in its meeting held on 17.08.2021, the Governor of the Punjab is pleased to accord 2nd revised Administrative Approval of 60 sub-schemes under block scheme titled "Programme for Revamping of all THQ Hospitals in Punjab" at cost mentioned against each sub-scheme, with revised gestation period upto 30.06.2023:

Rs. in Millions

Sr. No.	Sub-Scheme Title	2 nd Revised Cost		
		Capital Component	Revenue Component	Total
1	Revamping of THQ Hospital, 18-Hazari District Jhang	14.956	205.709	220.665
2	Revamping of THQ Hospital, Ahmedpur Sial District Jhang	31.060	191.004	222.064
3	Revamping of THQ Hospital, Bhera District Sargodha	47.352	198.313	245.665
4	Revamping of THQ Hospital, Chak Jhumra District Faisalabad	47.323	195.857	243.180
5	Revamping of THQ Hospital, Choa Saiden Shah District Chakwal	101.824	206.809	308.633
6	Revamping of THQ Hospital, Dinga District Gujrat	14.858	199.147	214.005
7	Revamping of THQ Hospital, Fateh Jhang District Attock	44.181	198.227	242.408
8	Revamping of THQ Hospital, Sillanwali District Sargodha	44.782	180.970	225.752
9	Revamping of THQ Hospital, Sohawa District Jhelum	87.554	189.648	277.202
10	Revamping of THQ Hospital, City Hospital Talagang District Chakwal	48.005	198.007	246.012
11	Revamping of THQ Hospital, Bhalwal District Sargodha	47.643	204.362	252.005
12	Revamping of THQ Hospital, Shorkot District Jhang	40.307	185.070	225.377
13	Revamping of THQ Hospital, Ferozewala District Sheikhupura	33.815	200.094	233.909
14	Revamping of THQ Hospital, Kallar Kahar District Chakwal	46.028	200.588	246.616
15	Revamping of THQ Hospital, Kallar Syedan District Rawalpindi	116.706	214.153	330.859
16	Revamping of THQ Hospital, Kot Momin District Sargodha	47.789	166.711	214.500

Sr. No.	Sub-Scheme Title	2 nd Revised Cost		
		Capital Component	Revenue Component	Total
17	Revamping of THQ Hospital, Pindi Bhattian District Hafizabad	71.599	164.789	236.388
18	Revamping of THQ Hospital, Sharakpur Sharif District Sheikhpura	49.736	201.746	251.482
19	Revamping of THQ Hospital, Hassan Abdal District Attock	94.954	172.721	267.675
20	Revamping of THQ Hospital, Khairpur Tamewali District Bahawalpur	35.773	186.083	221.856
21	Revamping of THQ Hospital, Noshehra Virkan District Gujranwala	14.984	190.699	205.683
22	Revamping of THQ Hospital, Safdarabad District Sheikhpura	49.949	193.357	243.306
23	Revamping of THQ Hospital, Sambrial District Sialkot	80.617	193.382	273.999
24	Revamping of THQ Hospital, Shakargarh District Narowal	95.535	225.674	321.209
25	Revamping of THQ Hospital, Talagang District Chakwal	36.911	193.007	229.918
26	Revamping of THQ Hospital, Depalpur District Okara	66.879	195.386	262.265
27	Revamping of THQ Hospital, Hasilpur District Bahawalpur	36.223	205.331	241.554
28	Revamping of THQ Hospital, Kharian District Gujrat	14.419	202.032	216.451
29	Revamping of THQ Hospital, Khushab District Khushab	87.683	196.338	284.021
30	Revamping of THQ Hospital, Muridke District Sheikhpura	60.392	208.829	269.221
31	Revamping of THQ Hospital, Pasrur District Sialkot	10.882	208.416	219.298
32	Revamping of THQ Hospital, Pindi Gheb District Attock	163.123	236.342	399.465
33	Revamping of THQ Hospital, Shahkot District Nankana	49.809	197.012	246.821
34	Revamping of THQ Hospital, Shahpur District Sargodha	48.998	190.360	239.358
35	Revamping of THQ Hospital, Yazman District Bahawalpur	44.523	160.991	205.514
36	Revamping of THQ Hospital, Chowk Azam District Layyah	47.156	210.394	257.550
37	Revamping of THQ Hospital, Lalian District Chiniot	19.914	190.140	210.054
38	Revamping of THQ Hospital, Murree District Rawalpindi	14.996	180.758	195.754
39	Revamping of THQ Hospital, Rojhan District Rajanpur	14.048	200.543	214.591

IDENTIFICATION OF SCOPE FOR REVAMPING OF HEALTH FACILITY

Visit Date:
11/08/2022

THQ Hospital Depalpur

Sr No	Item	OPD/G.Floor	OPD/F.Floor	Diagonastic Block.	Wards	Dialysis / OT units.	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 layer of specified thickness wherever required.(Retain good condition tile flooring.) Replace damaged tile floor in main entrance lobby.	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.)	Replace multicolor tile flooring with , Full Body Porcelain tiles on floor by dismantling existing terrazo/Damaged tile flooring by laying new PCC layer of specified thickness wherever required.(Retain good condition tile flooring.)	The floor of RO plant room is settled. Replace the floor with new tile flooring by making proper arrangement of pipe network.	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 Multicolor tile dado/skirting in rooms and corridors after removing unnecessary partitions. Make the dado in one color.	Full Body Porcelain tiles needs to be laid on walls on fresh plaster by dismantling old existing Multicolor tile dado/skirting in rooms and corridors after removing unnecessary partitions. Make the dado in one color.	Full Body Porcelain tiles needs to be laid on walls on fresh plaster by dismantling old existing Multicolor tile dado/skirting in rooms and corridors after removing unnecessary partitions. Make the dado in one color.	Full Body Porcelain tiles needs to be laid on walls on fresh plaster by dismantling old existing Multicolor tile dado/skirting in rooms and corridors after removing unnecessary partitions. Make the dado in one color.	Provide porcelain tile dado in RO plant room only.	Tiles specifications, brand, size and installation will be as per specified C&W standards.
3	Wooden Doors flush or Solid/ Main Doors	All doors need to be replaced with ash ply with grooves, flush doors i/c dolly frame MS chowkats and wooden architrave on both sides.	All doors need to be replaced with ash ply with grooves, flush doors i/c dolly frame MS chowkats and wooden architrave on both sides.	All doors need to be replaced with ash ply with grooves, flush doors i/c dolly frame MS chowkats and wooden architrave on both sides.	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	_____	_____	_____	_____	_____	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.	_____	Specifications, Aluminum and glass color will be as per specified C&W Standards

IDENTIFICATION OF SCOPE FOR REVAMPING OF HEALTH FACILITY							Visit Date: 11/08/2022
THQ Hospital Depalpur							
Sr No	Item	OPD/G.Floor	OPD/F.Floor	Diagonastic Block.	Wards	Dialysis / OT units.	Remarks
4	Develope covered link corridor between emergency and OPD.						
5	Make proper arrangments of Electric points, drainage and condensate pipe for air-conditioners.						
6	Close the ventilators in rooms.						
7	Lower down the sill level of windows in washrooms wherever high.						
8	Shift the main Electric cable on roof in corrdor.						
9	Provide Guard rail in corridors of the hospital as shared in whatsapp.						
10	Make the Sitting bench height 18" with marble top.						
11	Shift outdoor units of Air-condenstaiors outside the corridors.						
12	Replace damaged MS door with new forged MS panel door in corridors openable to open area.						
13	Make indepnedant aproach of deelivery room from rear passage.						
14	Replace MS door in corrdiors of gynae area.						
15	Make covered Dump well along with stainless steel chute at the place of window of change room for disposal of OT waste.						
16	Provide service window in Autoclave room to serve equipments in OT.						
17	Develop Ramp between Emergency and old block as per drawing.						
18	Make the existing reception cabin exactly underneath the stair flight to widen the circulation space in main entrance lobby.						

IDENTIFICATION OF SCOPE FOR REVAMPING OF HEALTH FACILITY

Sr No	Description	Condition	Additional Information	
	Water Supply System		Existing OHRs with capacity	
	Sewerage System		Existing Sewerage System	
	External Pathways			
	Boundary Wall			
	Main Gate			
	Sources of Electircal Supply		Dual, Single, Express	
	Transformer		Existing= Required=	
	Generators		Existing= Required=	
	ATS Panel for Generators			
	Electrical Panel Room			
	External Wires			
	Water Filtration Plant		Existing=	

Sr #	Description.	As per Approved Rough Cost Estimate base on MRS of 2nd Bi Annual 2021.				As per Amended Rough Cost Estimate base on MRS of 2nd Bi Annual 2022.						Difference		Remarks
		Qty	Unit	Rate	Amount	Plinth Area	Unit	B.P.	E.I.	TOTAL	Amount	Excess	Saving	
16.	Const: of Electrical Room size (12 x 10)					120	Sft	3624	228	3852	462240	462240		Detail Attached
				Total	62703951					11835134	123607846			
										Total	43473491			
1.	External Development 10% Pump House				40332					496496	496496			
2.	Add WAPDA Charges (Transformer)				1000000					5615088	4000000			
3.	5% Punjab Sale Tax				3135198					5417567	5417567			
				Total	66879481					8	12964491	128318520		

Say Rs. 66.879 (M)

Say Rs. 142.568 (M)

133592795

SUB-DIVISIONAL OFFICER
BUILDINGS SUB-DIVISION
DEPALPUR

EXECUTIVE ENGINEER
BUILDINGS DIVISION
OKARA

Superintending Engineer,
Buildings Circle, Sahiwal.

TECHNICALLY VETTED

For Rs. 121.966 (Million)

Rupees one hundred twenty three percent

five nine two million only

Chief Engineer
Punjab Buildings Deptt.
Central Zone Lahore.

Deputy Director
Punjab Buildings Deptt.
Central Zone Lahore.

Chief Draftsman
Punjab Buildings Deptt.
Central Zone Lahore.

REVAMPING OF OPD AT THQ DEPALPUR

Sr#	Description	No	L	B	H	Contents	Amount
1	Dismantling cement concrete 1:2:4 plain.						
	Ent. Podium	1	20	12	0.292	70 Cft	
	Main Entrance Lobby	1	23.125	54.125	0.292	365 Cft	
	Veranda Adjecnt to Opration Block	1	40	7.375	0.292	86 Cft	
	B/s Veranda 4'-6" Wide	1	60	4.5	0.292	79 Cft	
	Minor OT	1	12	15.875	0.292	56 Cft	
	Medical superdent	1	15.875	16.75	0.292	78 Cft	
	Med Stores	2	15.875	12	0.292	111 Cft	
	Genral store	1	15.875	15	0.292	69 Cft	
	Dispencary / QMS hall	1	16.25	24.37	0.292	116 Cft	
	Store	1	7.75	9	0.292	20 Cft	
	Male	1	7.75	9	0.292	20 Cft	
	Female	1	7.75	5.5	0.292	12 Cft	
	Public Toilets (Lav)	2	4.5	5.37	0.292	14 Cft	
		2	7.75	6	0.292	27 Cft	
	W.C	2	3.5	5	0.292	10 Cft	
	W.C	4	4.5	4	0.292	21 Cft	
	Doctors Toil	4	7.57	6	0.292	53 Cft	
	M.s Toil	1	7.57	7.37	0.292	16 Cft	
				Total		1223 Cft	
				@ 11174.6		100 Cft	136665
2	Dismantling glazed or encaustic tiles, Dismantling of stone work etc						
	Ent. Podium	2	6.25		3	38 Sft	
	Main ent	2	54.125		3	325 Sft	
	R/S Corrido	2	71.625		3	430 Sft	
	L/S Corridor	2	84.875		3	509 Sft	
	B/S Veranda 4'-6" Wide	2	60		3	360 Sft	
	Minor OT 2(12+15.875)	2	27.875		3	167 Sft	
	Plaster room 2(7.5+15.875)	2	23.375		3	140 Sft	
	Emergency 2(12+15.875)	2	27.875		3	167 Sft	
	Med Superd 2(15.875+16.75)	2	32.625		3	196 Sft	
	Office 2(16.25+15.875)	2	32.125		3	193 Sft	
	Med /lin Store 2x2(15.875+16.75)	4	32.625		3	392 Sft	
	Store b/s Ms 2(7.5+16.75)	2	24.25		3	146 Sft	
	Dispanc / QMS 2 (16.25+24.33)	2	40.58		3	243 Sft	
	Store & Male 2x2(7.75+9)	4	16.75		3	201 Sft	
	Female 2 (7.75+5.5)	2	13.25		3	80 Sft	
	Public Toilets (Lav) 2x2	4	5.37		7	150 Sft	
	2x2	4	5		7	140 Sft	
	2x1	2	7.625		7	107 Sft	
	W.C 2x2 (3.5+5)	4	8.5		7	238 Sft	
	W.C 4x2(4.5+4)	8	8.5		7	476 Sft	
	Doctors Toil 4x2(7.57+6)	8	13.57		7	760 Sft	
	M.s Toil 2(7.57+6)	2	13.57		7	190 Sft	
				Total		5648 Sft	
	Deductions						
	Corridor open 2x2	4	7.37		3	88 Sft	
		28	3.50		3	294 Sft	
	Door	6	3		3	54 Sft	
		1	19.625		3	59 Sft	
		1	20.000		3	60 Sft	
		9	2.5		7	158 Sft	
				Total		555 Sft	
		Net	5648	(-)	555	5093 Sft	
				@ 2335.85		100 Sft	118965
5	Cement concrete plain i/c placing compacting finishing and curing complete (i/c screening and washing of stone aggregate) 1:2:4.						
	Same Qty Above Item Dismntled						
			0.125			523 637 Cft	
				Total		523 637 Cft	
				@ 38178.9		100 Cft	189675
							243200

Sr#	Description	No	L	B	H	Contents	Amount
6	Providing and laying super 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. (ii) 600mmx 600 mm						
	Ent. Terrace	1	20	12		240 Sft	
	OPD Main Entrance	1	23.125	54.125		1252 Sft	
	Veranda Adjecnt to Opration Block	1	40	7.375		295 Sft	
	Veranda 4'-6" Wide	1	60	4.5		270 Sft	
	Minor OT	1	12	15.875		191 Sft	
	Medical superdent	1	15.875	16.75		266 Sft	
	Med Stores	2	15.875	12		381 Sft	
	Genral store	1	15.875	15		238 Sft	
	Dispencary / QMS hall	1	16.25	24.37		396 Sft	
	Store	1	7.75	9		70 Sft	
	Male	1	7.75	9		70 Sft	
	Female	1	7.75	5.5		43 Sft	
				Total		3712 Sft	
				@ 340.55		1 Sft	1264122
7	Providing and laying super 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. (ii) 600mmx 600 mm						
	Ent. Terrace	2	6.25	8		38 Sft	
	Main ent Lobby	2	54.125	8		325 Sft	
	R/S Corrido	2	71.625	8		430 Sft	
	L/S Corridor	2	84.875	8		509 Sft	
	B/S Veranda 4'-6" Wide	2	60	8		360 Sft	
	Passage 7'-9" Med Stores Link	2	68.375	8		410 Sft	
	Passage 7'-4" to Unicef	2	38.75	8		233 Sft	
	Minor OT 2(12+15.875)	2	27.875	8		167 Sft	
	Plaster room 2(7.5+15.875)	2	23.375	8		140 Sft	
	Emergency 2(12+15.875)	2	27.875	8		167 Sft	
	Med Superd 2(15.875+16.75)	2	32.625	8		196 Sft	
	Office 2(16.25+15.875)	2	32.125	8		193 Sft	
	Med /lin Store 2x2(15.875+16.75)	4	32.625	8		392 Sft	
	Store b/s Ms 2(7.5+16.75)	2	24.25	8		146 Sft	
	Dispanc / QMS 2 (16.25+24.33)	2	40.58	8		243 Sft	
	Store & Male 2x2(7.75+9)	4	16.75	8		201 Sft	
	Female 2 (7.75+5.5)	2	13.25	8		80 Sft	
				Total		3706 Sft	4930
	Deductions						
	Corridor open 2x2	4	7.37	3		88 Sft	
	D.7	28	3.50	3		294 Sft	
	D.8	6	3	3		54 Sft	
	Waiting	1	19.625	3		59 Sft	
	Waiting	1	20.000	3		60 Sft	
				Total		555 Sft	741
		Net	3706	(-)	555	3151 Sft	
			@ 340.55			1 Sft	
8	Providing and laying super 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"						
	Toiled doctor	4	7.75	6		186 Sft	
	Public Toilet	4	3.5	5		70 Sft	
	T	2	3.625	5		36 Sft	
	Lav	2	5.37	3.75		40 Sft	

Sr#	Description	No	L	B	H	Contents	Amount
	Lav	2	7.5	5.13		77 Sft	
				Total		409 Sft	
				@ 240		1 Sft	98160
ii	Providing and laying super 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"						
	4x2 (7.75+6)	8	13.75	7		770 Sft	
	4x2 (3.5+5)	8	8.5	7		476 Sft	
	2x2 (3.625+5)	4	8.625	7		242 Sft	
	Lav	2	5.37	7		75 Sft	
		2	5.13	7		72 Sft	
		1	3.87	7		27 Sft	
		1	7.625	7		53 Sft	
				Total		1715 Sft	
	Deductions						
	D. 11x2	22	2.5	7		385 Sft	
				Total		385 Sft	
	Net		1715	(-)	385	1330 Sft	
				@ 292.75		1 Sft	389358
9	Removing window C Window etc complete Windows	1	15	8.5			
		1	12	8.5			
	W-3	5	6	4.5			
		33	3.5	4.5			
	CW	2	12	1.5			
	Grills	20	7.50	4.5			
				Total		62 Nos	
				@ 341.5		1 Nos	21173
ii	Removing door with chowkat.						
	Emergency Exit	2	7.37	7			
	Main Entrance	1	8	7			
	D.7	28	3.50	7			
	D.8	6	3	7			
		12	2.50	7			
				Total		49 Nos	
				@ 438		1 Nos	21462
10	Providing and fixing 2 mm thick Double glazed aluminium windows of anodize / powder coated partly fixed and party sliding using deluxe section of 100mm x 40mm x2 mm using frame (70501) at bottom, (70502) at Top & Side made of Pakistan Cables/Alcop having Leaf Frame size 31mm x 60mm x2 mm (70506) at Top & Bottom, 35mm x 60mm x2 mm (70505) at center and 35mm x 60mm x2 mm(70503) at sides , fixing 5 mm thick imported tinted double glass and air tight using double tape, chemical strips, Silicon using approved latches, wheels for channel, stopper, brush channel angle joint and hardware etc.(excluding the cost of Fly Proofing). Complete in all respect as approved and directed by the Engineer Incharge.						
	W-1	1	15	8.5		128 Sft	
	W-2	1	12	8.5		102 Sft	
	W-7	33	3.5	4.5		520 Sft	
	CW-5	2	12	2.5		60 Sft	
	W-3	5	6	4.5		135 Sft	
				Total		945 Sft	
				@ 2577.85		1 Sft	2436068

Sr#	Description	No	L	B	H	Contents	Amount
ii	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 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge. complete in all respect Take 1/2 Qty Above Item	945	0.5			472.5 Sft 472.5 Sft 1 Sft	232966
					Total @ 493.05		
11	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 qty as item above					945 Sft 945 Sft 1 Sft	807361
					Total @ 854.35		
12	Providing and fixing G.I. wire gauze 22 SWG, 12x12 meshes per square inch, (5x5 meshes in cm2) fixed to steel window, with flat iron patti 1/2"x 1/8" M.S. flat 1/2"x1/8" (13mm x 3mm) grill including 3/4" x 1/8" (20 mmx3 mm) M.S. flat frame, Double jali Grill, including painting three coats, complete in all respects. OPD Veranda	20	7.50	4.5		675 Sft 675 Sft 1 Sft	528323
					Total @ 782.7		
13.b	P/F Almira shutter comprising of 3/4" thick both sides Laminated/Glossy MDF (Karachi) sheet with 1"x3/4"deodar wood golla all around the leaf fixed on (3"x1") Kail wood frame i/c the cost of 1/2" full brass hinges, C.P.handles, catchers, screws, and rawal plugs, polishing/ painting 3 coat to gola & frame i/c the cost of locking arrangement complete in all respect as approved and directed by Engineer Incharge.						
	Nursing	2	2.75		10.000	55 Sft	
	Store	1	6.00		3.330	20 Sft	
	Shelf	1	5.50		3.750	21 Sft	
	Store	2	1.50		1.500	5 Sft	
	MS Office	1	5.50		3.750	21 Sft	
		1	4.50		2.500	11 Sft	
		1	5.50		8.160	45 Sft	
		3	2.50		1.750	13 Sft	
					Total @ 431.35	190 Sft 1 Sft	81950
14	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Deodar/Ash/Oak ply with grooves , compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt , handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge. D.7 D.8	28 6	3.50 3			686 126 100 Sft 1 Sft	67926
					Total @ 678.55		

(17)

Sr#	Description	No	L	B	H	Contents	Amount
15	Providing and fixing 2" wide M.S / G.I Chowkat singel / double rebate made of 16 SWG MS sheet pressed/welded/supported with M.S.flat 1-1/4" x 1/8" 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 anti rust paint including filling 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. 15 " wide						
D.7		28	3.50		7	686	
D.8		6	3		7	126	
						812 Sft	
						1 Sft	590527
						Total	
						@ 727.25	
15.A	Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt,lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge. Oak/Ash wood Door (iii) 1-1/2" thick (40 mm)						
Emergency Exit		2	7.37		7	103	
Main Entrance		1	8		7	56	
						971 459 Sft	
						1 Sft	1873124/
						Total	323462
						@ 2032.05	
16	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.						
D.9		12	2.50		7	210 Sft	
		2	3.00		7	42 Sft	
						252 Sft	
						1 Sft	471731/
						Total	327600
						@ 1300 1871.95	
17	Providing and fixing panelled door of M.S. sheet, with forged door leaves of M.S. sheet 22 SWG fitted in hollow frame ,chowkat 3"x4 1/2" (75 mmx113 mm) made of M.S. sheet 18 SWG filled with plain cement concrete 1:3:6 etc.complete with all fittings and hammer painting, including carriage to site and fixing in position						
B/S Lawn		3	4.00		7	84 Sft	
						84 Sft	
						1 Sft	138286
						Total	
						@ 1622.45	
18	Providing and fixing autotomatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge						
						50 Nos.	
						50 Nos	
						1 Nos	146600
						Total	
						@ 2932	
19	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 zpproved and directed by the Engineer Incharge.						
W-2		1	12	1.5		18 Sft	

Sr#	Description	No	L	B	H	Contents	Amount
	W-7	33	3.5	1.5		173 Sft	
	W-5	2	12	1.5		36 Sft	
	W-3	6	6	1.5		54 Sft	
	Safety Grill	18	7.5	1.5		203 Sft	
	Ent steps	3	18	1		54 Sft	
		4	18	0.5		36 Sft	
	Planter	8	3	3		72 Sft	
	R/s Ent +Back lawn+unicef side (3+3+3)	9	7.37	1		66 Sft	
		12	7.37	0.5		44 Sft	
	Weaiting Area	1	20	2		40 Sft	
		2	15	2		60 Sft	
		1	19.625	2		39 Sft	
		2	15.625	2		63 Sft	
				Total		958 Sft	
				@ 412.35		1 Sft	395031
20	Wall plastic emulsion with wall patie filling on wall i/c griding 3 coat and labour charges and carriage of material from market to site complete in all respect.						
	Emergency	1	12	15.875		191 Sft	
	Plaster & Ster	2	7.75	7.625		118 Sft	
	Minor op	1	12	15.875		191 Sft	
	Office	1	16.25	15.875		258 Sft	
	Ms	1	15.875	16.75		266 Sft	
	Stores	3	15.875	12		572 Sft	
	Main Entrance	1	23.5	54.125		1272 Sft	
	Unicef (15.875+15.875)	2	31.75	9		572 Sft	
	Store (15.875+11.625)	2	27.5	9		495 Sft	
	Adnin / Spare (15.875+11.625)	2	27.5	9		495 Sft	
	Doc.Toilets 4x2 (7.75+6)	8	13.75	5		550 Sft	
	Public Toil. 4x2 (3.5+5)	8	8.5	5		340 Sft	
	2x2 (3.625+5)	4	8.625	5		173 Sft	
	Lav	2	5.37	5		54 Sft	
		2	5.13	5		51 Sft	
		1	3.87	5		19 Sft	
		1	7.625	5		38 Sft	
	Treat (12x15.875)	2	27.875	9		502 Sft	
	LHV (12x15.875)	2	27.875	9		502 Sft	
	M.S (20x15.875)	2	35.875	9		646 Sft	
	Lady Doctor (12+15.875)	2	27.875	9		502 Sft	
	Exam (7.625x9.5)	2	17.125	9		308 Sft	
	Entrance (23x20.125)	2	43.125	9		776 Sft	
	Mo (12+15.875)	2	27.875	9		502 Sft	
	Exam (7.625x9.5)	2	17.125	9		308 Sft	
	Waiting (19.625x15.875)	2	35.5	9		639 Sft	
	Minor opt (12+15.875)	2	27.875	9		502 Sft	
	Plaster (7.75x7.625)	2	15.375	9		277 Sft	
	Ster (7.75x7.625)	2	15.375	9		277 Sft	
	Emergency room (12x15.875)	2	27.875	9		502 Sft	
	Old MS (15.875x16.75)	2	32.625	9		587 Sft	
	Store (7.5x16.75)	2	24.25	9		437 Sft	
	Staff (15.875x11.625)	2	27.5	9		495 Sft	
	Line Store (15.875x12)	2	27.875	9		502 Sft	
	Gen Store (15.875x15)	2	30.875	9		556 Sft	
	Office (16.25x15.875)	2	32.125	9		578 Sft	
	Treat (11.16x15.875)	2	27.035	9		487 Sft	
	Denatal (7.75x15.875)	2	23.625	9		425 Sft	
	Denatal Surgon (12x15.875)	2	27.875	9		502 Sft	
	Exam (7.625x9.5)	2	17.125	9		308 Sft	
	Store (7.625x9)	2	17.125	9		308 Sft	
	Male (7.625x9)	2	17.125	9		308 Sft	
	Female (7.625x5.5)	2	13.125	9		236 Sft	
	Dispencay (16.25x24.375)	2	40.625	9		731 Sft	
	Stair Area (54x23.12)	2	77.12	9		1388 Sft	
	Veranda 4.5' Wide	2	59.875	9		1078 Sft	
	Corridor 7'-4.5" Wide	2	156.25	9		2813 Sft	
	Main Entrance 2(17.75)	2	17.75	9		320 Sft	
	Stair Area 2(25.875)	2	25.875	9		466 Sft	
	1(23.125)	1	23.125	9		208 Sft	
				Total		24631 Sft	22347
				@ 33		1 Sft	812823
				2137.25			477611

Sr#	Description	No	L	B	H	Contents	Amount
21	Providing and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 mm thick hard aluminum channel fixed on wall bracket and screws c/c the cost of elbows at ends, bufferbelt as approved and directed by the Engineer Incharge						
	Main ent Lobby	2	54.125			108 Rft	
	R/S Corrido	2	71.625			143 Rft	
	L/S Corridor	2	84.875			170 Rft	
	Passage 7.75' to med stores	2	68.375			137 Rft	
	Passage 7.37' wide to Unicef	2	43			86 Rft	
	Link Ver to Operational Block 7.37' Wide	2	40			80 Rft	
						724 Rft	
						1 Rft	
							543000
22	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.						
		20	6			120 Rft	
						121 Rft	
						1 Rft	
							82643
23	Providing and fixing multi layer Aluminum Composite Panel Cladding comprising of PVC/PE coating over high strength Anti-rust Aluminum sheet of specified thickness over Polymeric membrane over LDPE/FR high fire retardant core made of Alpolic/Areca i/c the cost of base frame of 1-1/2"X1-1/2" GI angle Iron at specified intervals filling the groove with Silicon and Hardwares as approved and directed by the Engineer Incharge.						
	Front	1	181.875	29		5274 Sft	
		1	25	2.5		63 Sft	
						5337 Sft	
	Deduction windows						
	W-2	1	12	8.5		102 Sft	
	W-7	15	3.5	4.5		236 Sft	
						338 Sft	
	Net	5337		338		4999 Sft	
						1 Sft	
							6998600
24	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: one coat on old surface i/c Scraping						
	R/s	1	68.75	14.5		997 Sft	
	B/s	1	181.875	14.5		2637 Sft	
	Patio unicef side walls	1	60.5	14.5		877 Sft	
	Store & Patio wall	1	37.5	14.5		544 Sft	
	L/s (49.25+43.75)	1	93	14.5		1349 Sft	
						6404 Sft	
	Deduction windows & Doors						
	W-7	16	3.5	4.5		252 Sft	
	CW-5	2	12	2.5		60 Sft	
	Side Doors Emerg	2	7.33	7		103 Sft	
	Grills	12	7.5	4.5		405 Sft	
						820 Sft	
	Net	6404		820		5584 Sft	
						100 Sft	
							150062
25	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I. pipes of B.S.S. 1387-1967 complete in all respects, with Medium Quality i/c Making jharries in existing brick masonry for providing recesses for bearing of RCC roof slab, including repairing Damage area.(A.C water Drainage Pipes)						

P/F UPVC Deducted
 1/2 cost of Speed

Sr#	Description	No	L	B	H	Contents	Amount
		40	20			800 Rft	
					Total	800 Rft	
					@ 733.5	1 Rft	586800
26	Pacca brick work Ground floor buildings ratio. 1:5				260.6		208480
	Cw	45	3.5	1.125	2.5	443 Cft	
					Total	443 Cft	
					@ 31221.1	100 Cft	138309
27	Cement plaster 1:4 upto 20' (6.00 m) height 1/2" Thick						
	Cw	45	3.5	1.125		177 Sft	
		10	15	12		1800 Sft	
	Cw (45+10 Ver side instead of Pointing)	55	3.5	2.5		481 Sft	
					Total	2458 Sft	
					@ 3245.95	100 Sft	79785
28	Cement pointing struck joints, on Floor:						
	Cw	35	3.5	2.5		306 Sft	
					Total	406 Sft	
					@ 4170.85	100 Sft	16934
						Total	18849277
	Credit old material						12804750
1	Old M.S windows						12373583
		1	15	8.5		2 No,s	
		1	12	8.5		2 No,s	
					Total	1 No,s	14000
					@ 7000	5 No,s	
		5	6	4.5		5 No,s	
					Total	1 No,s	25000
					@ 5000	33 No,s	
		33	3.5	4.5		33 No,s	
					Total	1 No,s	132000
					@ 4000	2 No,s	
ii	Old MS CW	2	12	1.5		2 No,s	
					Total	1 No,s	4000
					@ 2000	20 No,s	
iii	Old MS Grills	20	7.5	4.5		20 No,s	
					Total	1 No,s	40000
					@ 2000		
2	Old unserviceable Ply Doors i/c MS Chowkat						
	Emergency Exit	2	7.37	7		3 No,s	
	Main Entrance	1	8	7		3 No,s	
					Total	1 No,s	6000
					@ 2000		
		28	3.50	7		34 No,s	
		6	3	7		34 No,s	
					Total	1 No,s	34000
					@ 1000	12 No,s	
		12	2.50	7		12 No,s	
					Total	1 No,s	6000
					@ 500		
3	Old Wash hand Basin					10 No,s	
					Total	10 No,s	
					@ 800	1 No,s	8000
4	Old Bib Cock					35 No,s	
					Total	35 No,s	
					@ 100	1 No,s	3500
5	Old copper counductor cable 3/.029"						
					Total	4000 Mtr	
					@ 30	4000 Mtr	6000
						1 Mtr	120000
6	Old copper counductor cable 7/.029"						
					Total	2500 Mtr	
					@ 35	2500 Mtr	42000
						1 Mtr	87500
7	Old copper counductor cable 7/.036"						
					Total	2000 Mtr	
					@ 40	2000 Mtr	40000
						1 Mtr	80000

Sr#	Description	No	L	B	H	Contents	Amount
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8	Old Swich Board l/c piano type swichs						
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	100 No,s	
	100 No,s	
	1 No,s	10000
Total		383000
@ 100		570000
	370500	12003083
	12003083	Net 18275277
3%		
Add 2% Contingency	360093	372835
		365586
		Net 18644863
		12793792
		12863175

SUB DIVISIONAL OFFICER
BUILDINGS SUB DIVISION
DEPALPUR

Pr?

EXECUTIVE ENGINEER
BUILDINGS DIVISION
OKARA

REVAMPING OF OPD AT THQ DEPALPUR

Sr#	Description	No	L	B	H	Contents	Amount
1	Dismantling cement concrete 1:2:4 plain.						
	MO	1	16.75	12	0.292	59 Cft	
	Exam	1	5.25	6.625	0.292	10 Cft	
	Treat	1	12	8.125	0.292	28 Cft	
	Mo	1	12	16.75	0.292	59 Cft	
	Loby	1	5	8	0.292	12 Cft	
	Homioi Pathic	1	12	16.75	0.292	59 Cft	
	Exam	1	7.75	10.25	0.292	23 Cft	
		1	7.75	5	0.292	11 Cft	
	Store	1	16.75	16.75	0.292	82 Cft	
	Waiting stair case	1	24.75	24.5	0.292	177 Cft	
	Public Toilets (Lav) 2No	2	7.56	11.37	0.292	50 Cft	
	W.C 2x2	4	3.5	5	0.292	20 Cft	
	Doctors Toil	9	7.75	5	0.292	102 Cft	
			Total			692 Cft	
			@ 11174.6			100 Cft	77328
2	Dismantling glazed or encaustic tiles, Dismantling of stone work etc						
	R/S Corrido	2	71.625		3	430 Sft	
	L/S Corridor	2	84.875		3	509 Sft	
	B/S Veranda 4'-6" Wide	2	60		3	360 Sft	
	Waitings 3x2(20.5+16.75)	6	37.25		3	671 Sft	
	Waiting 1x2 (18.28+12)	2	30.28		3	182 Sft	
	Waiting QMS area1x2 (23+16.75)	2	39.75		3	239 Sft	
	Waiting Stair 1x2 (224.75+24.5)	2	49.25		3	296 Sft	
	Corridor to terrace1(7.75+16.75)	1	24.5		3	74 Sft	
	Mo 1x2(16.75+12)	2	28.75		3	173 Sft	
	Exam 1x2(5.25+6.625)	2	11.875		3	71 Sft	
	Treat 1x2(12+8.125)	2	20.125		3	121 Sft	
	Mo 1x2(12+16.75)	2	28.75		3	173 Sft	
	Lobby 1x2(5+8)	2	13		3	78 Sft	
	Homioi Pathic 1x2(12+6.75)	2	18.75		3	113 Sft	
	Exam 1x2(7.75+10.25)	2	18		3	108 Sft	
	Store 1x2(16.75+16.75)	2	33.5		3	201 Sft	
	Public Toilets (Lav) 2x2	4	18.93		7	530 Sft	
	W.C 4x2 (3.68+5)	8	9.18		7	514 Sft	
	Doctors Toil 9x2(7.75+5)	18	12.75		7	1607 Sft	
			Total			6450 Sft	
	Deductions						
	Corridor open 2x2	4	7.37		3	354 Sft	
		1	7.75		3	23 Sft	
	Waiting open	3	20.5		3	185 Sft	
	Door	15	3.5		3	158 Sft	
	D.9	9	2.5		7	158 Sft	
			Total			524 Sft	
		Net	6450	(-)	524	5926 Sft	
			@ 2335.85			100 Sft	138422
3	Dismantling of Second class tile Roofing.						
	Roof	1	71	40.87		2902 Sft	
			Total			2902 Sft	
			@ 1269.85			100 Sft	36851
4	Cement concrete plain i/c placing compacting finishing and curing complete (i/c screening and washing of stone aggregate) 1:2:4.						
	Same Qty Above Item Dismntled		0.125				
			Total			286	
			@ 38178.9			741 Cft	113010
5	Providing and laying super 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,						
	(ii) 600mmx 600 mm						
	MO	1	16.75	12		201 Sft	
	Exam	1	5.25	6.625		35 Sft	

Sr#	Description	No	L	B	H	Contents	Amount
	Treat	1	12	8.125		98 Sft	
	Mo	1	12	16.75		201 Sft	
	Loby	1	5	8		40 Sft	
	Homioi Pathic	1	12	16.75		201 Sft	
	Exam	1	7.75	10.25		79 Sft	
		1	7.75	5		39 Sft	
	Store	1	16.75	16.75		281 Sft	
	Waiting stair case	1	24.75	24.5		606 Sft	
				Total		1781 Sft	
				@ 340.55		1 Sft	606520
6	Providing and laying super 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.						
	(ii) 600mmx 600 mm						
	R/S Corrido	2	71.625	3		430 Sft	
	L/S Corridor	2	84.875	3		509 Sft	
	B/S Veranda 4'-6" Wide	2	60	3		360 Sft	
	Waitings 3x2(20.5+16.75)	6	37.25	3		671 Sft	
	Waiting 1x2 (18.28+12)	2	30.28	3		182 Sft	
	Waiting QMS area1x2 (23+16.75)	2	39.75	3		239 Sft	
	Waiting Stair 1x2 (224.75+24.5)	2	49.25	3		296 Sft	
	Corridor to terrace1(7.75+16.75)	1	24.5	3		74 Sft	
	Mo 1x2(16.75+12)	2	28.75	3		173 Sft	
	Exam 1x2(5.25+6.625)	2	11.875	3		71 Sft	
	Treat 1x2(12+8.125)	2	20.125	3		121 Sft	
	Mo 1x2(12+16.75)	2	28.75	3		173 Sft	
	Lobby 1x2(5+8)	2	13	3		78 Sft	
	Homioi Pathic 1x2(12+6.75)	2	18.75	3		113 Sft	
	Exam 1x2(7.75+10.25)	2	18	3		108 Sft	
	Store 1x2(16.75+16.75)	2	33.5	3		201 Sft	
				Total		3799 Sft	5060
	Deductions						
	Corridor open 2x2	4	7.37	3		88 Sft	
		1	7.75	3		23 Sft	
	Door	8	3.5	3		84 Sft	
				Total	261	195 Sft	261
	Net			(-)	495	3604 Sft	
				@ 340.55		1 Sft	1227342
7	Providing and laying super 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"						
	Public Toilets (Lav) 2No	2	7.56	11.37		172 Sft	
	W.C 2x2	4	3.5	5		70 Sft	
	Doctors Toil	9	7.75	5		349 Sft	
				Total		592 Sft	
				@ 240		1 Sft	142080
8	Providing and laying super 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"						
	Public Toilets (Lav) 2x2	4	18.93	7		530 Sft	
	W.C 4x2 (3.68+5)	8	9.18	7		514 Sft	
	Doctors Toil 9x2(7.75+5)	18	12.75	7		1607 Sft	
				Total		2651 Sft	
	Deductions						

(24)

Sr#	Description	No	L	B	H	Contents	Amount
D		20	2.5	6.75		338 Sft	
				Total		338 Sft	
		Net	2651	(-)	338	2313 Sft	
				@ 292.75		1 Sft	677131
9	Removing window C Window etc complete						
	W-1	1	10.5	6			
	W-7	33	3.5	4.5			
	w.4 Doc Toil	9	3.5	3			
	W-3	2	7.75	6.25			
	Cw	2	12	2.5			
	Grills	14	7.5	4.5			
				Total		61 Nos	
				@ 341.5		1 Nos	20832
10	Removing door with chowkat.						
	D.1	15	3.50	7			
	D.2	2	3.00	7			
	D.3	14	2.50	7			
		2	4	7			
				Total		33 Nos	
				@ 438		1 Nos	14454
11	Providing and fixing 2 mm thick Double glazed aluminium windows of anodize / powder coated partly fixed and party sliding using deluxe section of 100mm x 40mm x2 mm using frame (70501) at bottom, (70502) at Top & Side made of Pakistan Cables/Alcop having Leaf Frame size 31mm x 60mm x2 mm (70506) at Top & Bottom, 35mm x 60mm x2 mm (70505) at center and 35mm x 60mm x2 mm(70503) at sides , fixing 5 mm thick imported tinted double glass and air tight using double tape, chemical strips, Silicon using approved latches, wheels for channel, stopper, brush channel angle joint and hardware etc.(excluding the cost of Fly Proofing). Complete in all respect as approved and directed by the Engineer Incharge.						
	W-1	1	10.5	6		63 Sft	
	W-7	33	3.5	4.5		520 Sft	
	w.4 Doc Toil	9	3.5	3		95 Sft	
	W-5	2	12	2.5		60 Sft	
	W-3	2	7.75	6.25		97 Sft	
				Total		835 Sft	
				@ 2577.85		1 Sft	2152505
12	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 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge. complete in all respect						
	Take 1/2 QtyAbove Item	835	0.5			417.5 Sft	
				Total		417.5 Sft	
				@ 493.05		1 Sft	205848
13	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge						
	qty as item above					835 Sft	
				Total		835 Sft	
				@ 854.35		1 Sft	713382

Sr#	Description	No	L	B	H	Contents	Amount
15	Providing and fixing G.I. wire gauze 22 SWG, 12x12 meshes per square inch, (5x5 meshes in cm2) fixed to steel window, with flat iron patti 1/2"x 1/8" M.S. flat 1/2"x1/8" (13mm x 3mm) grill including 3/4" x 1/8" (20 mmx3 mm) M.S. flat frame, Double jali Grill, including painting three coats, complete in all respects. OPD Front Corridor	14	7.50	4.5		473 Sft 473 Sft 1 Sft	370217
				Total @ 782.7			
16	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Deodar/Ash/Oak ply with grooves , compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt , handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.						
	D.1	15	3.50		7	368 Sft	
	D.2	2	3.00		7	42 Sft	
	D.3	13	2.50		7	228 Sft	
				Total @ 678.55		410 Sft -638 Sft 1 Sft	432915 = 278206/
	Providing and fixing 2" wide M.S / G.I Chowkat singel / double rebate made of 16 SWG MS sheet pressed/welded/supported with M.S.flat 1-1/4" x 1/8" 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 anti rust paint including filling 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. 15 " wide						
	D.1	15	4		7	368	
	D.2	2	3		7	42	
				Total @ 727		410 Sft 1 Sft	298173/ 297809
17	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.						
	D.9	14	2.50		7	245 Sft	
		2	3.00		7	42 Sft	
				Total @ 1300		287 Sft 1 Sft	5372.00 273100
18	Providing and fixing panelled door of M.S. sheet, with forged door leaves of M.S. sheet 22 SWG fitted in hollow frame chowkat 3"x4 1/2" (75 mmx113 mm) made of M.S. sheet 18 SWG filled with plain cement concrete 1:3:6 etc.complete with all fittings and hammer painting, including carriage to site and fixing in position						
	Roof Aproch	2	4.00		7	56 Sft	
				Total @ 1622.45		56 Sft 1 Sft	90857
19	Providing and fixing autotomatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge						
				Total		50 Nos 50 Nos	

Sr#	Description	No	L	B	H	Contents	Amount
	Female (7.625x5.5)	2	13.125	9		236 Sft	
	Dispencay (16.25x24.375)	2	40.625	9		731 Sft	
	Stair Area (54x23.12)	2	77.12	9		1388 Sft	
	Veranda 4.5' Wide	2	59.875	9		1078 Sft	
	Corridor 7'-4.5" Wide	2	156.25	9		2813 Sft	
					Total	23955 Sft	
					@ 233	1 Sft	
22	Providing and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 mm thick hard aluminum channel fixed on wall bracket and screws c/c the cost of elbows at ends,bufferbelt as approved and directed by the Engineer Incharge				1871.95		790515 465501
	Main ent Lobby	2	54.125			108 Rft	
	R/S Corrido	2	71.625			143 Rft	
	L/S Corridor	2	84.875			170 Rft	
	Passage 7.75' to med stores	2	68.375			137 Rft	
	Passage 7.37' wide to Unicef	2	43			86 Rft	
	Link Ver to Oprational Block 7.37' Wide	2	40			80 Rft	
					Total	724 Rft	
					@ 760	1 Rft	
23	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.				505.40		543000 66550
		20	6			120 Rft	
					Total	121 Rft	
					@ 683	1 Rft	82643
24	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: a) Old surface:						
	R/s	1	68.75	14		963 Sft	
	B/s	1	181.875	14		2546 Sft	
		1	43.125	14		604 Sft	
	L/s (49.25+43.75)	1	93	14		1302 Sft	
					Total	5415 Sft	
	Deduction windows & Doors						
	W-7	16	3.5	4.5		252 Sft	
	CW-5	2	12	2.5		60 Sft	
	Side wind	2	7.33	5		73 Sft	
	Grills	12	7.5	4.5		405 Sft	
					Total	790 Sft	
	Net	5415	-	790	=	4625 Sft	890521 124290
					@ 2687.35	100 Sft	
25(i)	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I. pipes of B.S.S. 1387-1967 complete in all respects, with Medium Quality i/c Making jharries in existing brick masonry for providingrecesses for bearing of RCC roof slab, including repairing Damage area.(A.C water Drainage Pipes)				1975.45		
		40	20			800 Rft	
					Total	800 Rft	
					@ 733.5	1 Rft	2084807 586800
25	Pacca brick work Ground floor buildings ratio. 1:5				260.6		
	Cw	45	3.5	1.125	2.5	443 Cft	
					Total	443 Cft	
					@ 31221.1	100 Cft	138309
26	Cement plaster 1:4 upto 20' (6.00 m) height 1/2" Thick						
		10	15	12		1800 Sft	
	Cw (45+10 Ver side instead of Pointing)	55	3.5	2.5		481 Sft	
					Total	2281 Sft	
					@ 3245.95	100 Sft	74040

Sr#	Description	No	L	B	H	Contents	Amount
27	Cement pointing struck joints, on walls, upto 20' (6.00 m) hieght: Cw	35	3.5	2.5		306 Sft	
				Total		306 Sft	
				@ 4170.85		100 Sft	12763
28	Single layer of Tile laid Over 4" earth and 1" Mud plaster i/c Bitumen coating 34lbs/100sft and One layer of Polythene sheet 500 G complete	1	71	40.87		2902 Sft	
				Total		2902 Sft	
				@ 12141.5		100 Sft	352345
29	Cement pointing 1:2 flush on floor. Roof Opd	1	71.625	51.245		3670 Sft	
		1	84.875	51.245		4349 Sft	
				Total		8019 Sft	
				@ 4170.85		100 Sft	334460
						Total	11514281
	Credit old material						
1	Old Tiles	1	2902	3.5	1/2	5079 Nos	
				Total		5079 Nos	
				@ 4500		1000 Nos	22853
2	Old Bats	1	2902	0.125	1/2	181 Cft	
				Total		181 Cft	
				@ 2500		100 Cft	4534
1	Old M.S windows	1	10 1/2	6			
				Total		1 No,s	
				@ 5000		1 No,s	5000
		33	3.5	4.5		33 No,s	
				Total		33 No,s	
				@ 4000		1 No,s	
ii	Old MS CW	2	12	1.5		2 No,s	
				Total		2 No,s	
				@ 2000		1 No,s	4000
iii	Old MS Grills	14	7.5	4.5		14 No,s	
				Total		14 No,s	
				@ 2000		1 No,s	28000
2	Old unserviceable Ply Doors i/c MS Chowkat	15	3.5	7			
		2	3	7		17 No,s	
				Total		17 No,s	
				@ 1000		1 No,s	
		14	2.5	7		14 No,s	
				Total		14 No,s	
				@ 500		1 No,s	7000
5	Old Wash hand Basin					10 No,s	
				Total		10 No,s	
				@ 800		1 No,s	8000
6	Old Bib Cock					35 No,s	
				Total		35 No,s	
				@ 100		1 No,s	3500

29

Sr#	Description	No	L	B	H
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7 Old copper conductor cable 3/.029"

Total
@ 30

Contents
1200
3500 Mtr
3500 Mtr
1 Mtr

Amount

52500/
105000

8 Old copper conductor cable 7/.029"

Total
@ 35

1250
2500 Mtr
2500 Mtr
1 Mtr

43750
87500

9 Old copper conductor cable 7/.036"

Total
@ 40

1000
2000 Mtr
2000 Mtr
1 Mtr

40000/
80000

10 Old Switch Board i/c piano type switches

Total
@ 100

100 No.s
100 No.s
1 No.s

353637

10000
319137/
514387

10192473 Total

1016089 Net 10999894

3%
Add 2% Contingency 305774

305774
305774
Net 11249892

10465716/
10498247/
1

SUB DIVISIONAL OFFICER
BUILDINGS SUB DIVISION
DEPALPUR

EXECUTIVE ENGINEER
BUILDINGS DIVISION
OKARA

REVAMPING OF DIAGONASTIC AT THQ DEPALPUR

Sr#	Description	No	L	B	H	Contents	Amount
1	Dismantling cement concrete 1:2:4 plain.						
	Labortary	1	24.5	20.125	0.292	144 Cft	
		1	7.5	6	0.292	13 Cft	
	Dark Room	1	7.37	9.75	0.292	21 Cft	
	OT Gyne	1	20.5	20.125	0.292	120 Cft	
	Connecting Veranda From Opd	1	41.5	7.37	0.292	89 Cft	
	Store / Public Toilets	1	7.5	5	0.292	11 Cft	
	Toil	2	7.75	5.625	0.292	25 Cft	
	Doctors Toil	1	6.5	6	0.292	11 Cft	
	Nurse toil	1	5	7	0.292	10 Cft	
	Postnatal toil	1	11.75	6	0.292	21 Cft	
			Total			465 Cft	
			@ 11174.6			100 Cft	51962
2	Dismantling glazed or encaustic tiles, Dismantling of stone work etc						
	Corridor R/S+L/S	2	180.125		3	1081 Sft	
	Passage 7.37' to ward Block	2	43.625		3	262 Sft	
	Passage 7.37' to Stores	2	30.875		3	185 Sft	
	Connecting Veranda From Opd	2	41.5		3	249 Sft	
	Office x-ray 2(7.5+11.625)	2	19.125		9	344 Sft	
	x-Ray 2 (12+11.625)	2	23.625		9	425 Sft	
	x-Ray-2 2 (20.5+11.625)	2	32.125		9	578 Sft	
	Labortary 2 (24.5+20.125)	2	44.625		3	268 Sft	
	x-Ray-3, 2 (16.75+20.125)	2	36.875		9	664 Sft	
	Dark Room 2(7.375+9.70)	2	17.075		3	102 Sft	
	Public Toilets 2(7.5+5.625)	2	13.125		7	184 Sft	
	x-Ray Toilets 2x2(7.75+5.625)	2	13.375		7	187 Sft	
	Doc Toil 2(6.5+6)	2	12.5		7	175 Sft	
	Nurse toil 2(5+7)	2	12		7	168 Sft	
	Postnatal Toil 2(11.75+6)	2	17.75		7	249 Sft	
			Total			5121 Sft	
	Deductions						
	Corridor open 2x2	4	7.37		3	354 Sft	
		1	7.75		3	23 Sft	
	Door	15	3.5		3	158 Sft	
	D.9	9	2.5		7	158 Sft	
			Total			693 Sft	
		Net	5121	(-)	693	4428 Sft	
			@ 2335.85			100 Sft	103431
3	Dismantling of Second class tile Roofing.						
	Roof	1	75	20		1500 Sft	
			Total			1500 Sft	
			@ 1269.85			100 Sft	19048
4	Dismantling of R.cc i/c Separating of Steel Bars complete						
	Lab Countr	2	12.875	1.5	0.25	10 Cft	
			Total			10 Cft	
			@ 18285.7			100 Cft	1829
5	Cement concrete plain i/c placing compacting finishing and curing complete (i/c screening and washing of stone aggregate) 1:2:4.						
	Same Qty Above Item Dismantled	4428	0.125			554 Cft	
		197		Total		554 Cft	
			@ 38178.9			100 Cft	241511
6	Providing and laying super 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. (ii) 600mmx 600 mm						
	Labortary	1	24.5	20.125		493 Sft	
		1	7.5	6		45 Sft	
	Dark Room	1	7.37	9.75		72 Sft	
	OT Gyne	1	20.5	20.125		413 Sft	
	Connecting Veranda From Opd	1	41.5	7.37		306 Sft	
			Total			1329 Sft	
			@ 340.55			1 Sft	452591

Sr#	Description	No	L	B	H	Contents	Amount
7	Providing and laying super 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. (ii) 600mmx 600 mm						
	Corridor R/S+L/S	2	180.125	3		1081 Sft	
	Passage 7.37' to ward Block	2	43.625	3		262 Sft	
	Passage 7.37' to Stores	2	30.875	3		185 Sft	
	Connecting Veranda From Opd	2	41.5	3		249 Sft	
	Office x-ray 2(7.5+11.625)	2	19.125	3		115 Sft	
	x-Ray 2 (12+11.625)	2	23.625	0.5		24 Sft	
	x-Ray-2 2 (20.5+11.625)	2	32.125	0.5		32 Sft	
	Labortary 2 (24.5+20.125)	2	44.625	3		268 Sft	
	x-Ray-3, 2 (16.75+20.125)	2	36.875	0.5		37 Sft	
	Dark Room 2(7.375+9.70)	2	17.075	3		102 Sft	
				Total		2355 Sft	3108/
	Deductions						
	Corridor open 2x2	4	7.37	3		88 Sft	
		1	7.75	3		23 Sft	
	Door	15	3.5	3		158 Sft	
				Total		269 Sft	36P
	Net		2355	(-)	269	2086 Sft	
			@ 340.55			1 Sft	710387
8	Providing and laying super 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"						
	Store / Public Toilets	1	7.5	5		38 Sft	
	Toil	2	7.75	5.625		87 Sft	
	Doctors Toil	1	6.5	6		39 Sft	
	Nurse toil	1	5	7		35 Sft	
	Postnatal toil	1	11.75	6		71 Sft	
				Total		270 Sft	
				@ 240		1 Sft	64800
9	Providing and laying super 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"						
	Public Toilets 2(7.5+5.625)	2	13.125	7		184 Sft	
	x-Ray Toilets 2x2(7.75+5.625)	2	13.375	7		187 Sft	
	Doc Toil 2(6.5+6)	2	12.5	7		175 Sft	
	Nurse toil 2(5+7)	2	12	7		168 Sft	
	Postnatal Toil 2(11.75+6)	2	17.75	7		249 Sft	
				Total		963 Sft	
	Deductions						
	D	6	2.5	6.75		101 Sft	
				Total		101 Sft	
	Net		963	(-)	101	862 Sft	
			@ 292.75			1 Sft	252351
10	Removing window C Window etc complete						
	W-7	25	3.5	4.5			
	W.2	1	12	8.25			
	W-Dilevery Sec	1	15.75	4.5			
	Cw	4	3.5	2.5			
	W-6	2	4	2.5			
	W-5	1	12.25	2.5			
	Grills	4	7.5	4.5			
				Total		38 Nos	
			@ 341.5			1 Nos	12977
	Removing door with chowkat.						
	D.7	17	3.50		7		
	D.3	2	4.75		7		
	D.4	6	4.00		7		
	D.2	2	5.00		7		

Sr#	Description	No	L	B	H	Contents	Amount
		D.2	2	4.50	7		
		12	2.50		7		
				Total		41 Nos	
				@ 438		1 Nos	17958
11	Supply and installation of Clip-in tile of specified thickness non-porous Alumnum false ceiling of specified size fitted with 'Clip-in' suspension system hanged on Concealed T/Shiplap edge/runners @ 600 mmX600 mm grid,Edge Trims fasten on wall with plug and screw @ 500 mm c/c i/c cutting charges of tiles to required size,suspension rods and joints sealed with silicon if required of DAMPA/Demark, as approved and directed by the Engineer Incharge..6mm Thick 600mm x 600mm Gyne OT	1	21	20.125		413 Sft	
				Total		413 Sft	
				@ 600		1 Sft	247800
12	Supply and installation premium graded/scratch-resistant Hygienic anti-microbial Pvc wall cladding of specified thickness duly thermoplastic welded conforming to (ISO:22196) and pasted over 12mm thick gypsum board with adhesive/solvent fixed over 14-SWG G.I Channael of size 3.5"X 2"X3.5" duly screwed on wall i/c the cost of hardwares as approved and directed by the Engineer In-charge 2.5mm thick Gyne OT 2(20.5+20.125)	2	41	7.5		609 Sft	
				Total		609 Sft	
				@ 3500		1 Sft	2131500
13	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.Cementitious Urethane Gyne OT Ot Dado 2(20.5+20.125)	1	21	20.125		413 Sft	
		2	41	5		406 Sft	
				Total		819 Sft	
				@ 650		1 Sft	532350
13(ii)	Scrub Unit Made of Corian 3 Persons scrub with automatic faucites Activation by Sensors Operated without usage of hands Elbow activated dispenser LGA Qualitest GmbH Hygiene Certified (European)	1				1 No	9000.00
				Total		1 No	1924875.00
				@		1 No	1924875
				900000			
14	P/F of Lead Lining 2mm thick lead sheet with wall for radiation protection upto roof height as per instruction & covering with MDF board 3/4" thick panelling i/c frame of kail wood 1-1/2" x 2" i/c Termite proofing and fency deodar wood beading etc complete in all respects and as approved and directed by the Engineer Incharged. x-ray Room-1=2 (12+11.625) x-ray Room-2=2(20.5+11.625) x-ray Room-3= 2(16.75+20.125)	2	24	11		520 Sft	
		2	32	11		707 Sft	
		2	37	11		811 Sft	
				Total		2038 Sft	
				@ 1350		1 Sft	2751300

Sr#	Description	No	L	B	H	Contents	Amount
15	Providing and fixing 2 mm thick Double glazed aluminium windows of anodize / powder coated partly fixed and party sliding using deluxe section of 100mm x 40mm x2 mm using frame (70501) at bottom, (70502) at Top & Side made of Pakistan Cables/Alcop having Leaf Frame size 31mm x 60mm x2 mm (70506) at Top & Bottom, 35mm x 60mm x2 mm (70505) at center and 35mm x 60mm x2 mm(70503) at sides , fixing 5 mm thick imported tinted double glass and air tight using double tape, chemical strips, Silicon using approved latches, wheels for channel, stopper, brush channel angle joint and hardware etc.(excluding the cost of Fly Proofing). Complete in all respect as approved and directed by the Engineer Incharge.						
	W-7	25	3.5	4.5		79 Sft	
	W-6	2	4	2.5		12 Sft	
	W-5	1	12.25	2.5		128 Sft	
	W.2	1	12	8.25		50 Sft	
	W-Dilevery Sec	1	15.75	4.5		136 Sft	
	Cw	4	3.5	2.5		33 Sft	
						Total	
						438 Sft	
						@ 2577.85	1129098
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 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge. complete in all respect						
	Take 1/2 QtyAbove Item	438	0.5			219 Sft	
						Total	
						219 Sft	
						@ 493.05	107978
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						
	qty as item above					438 Sft	
						Total	
						438 Sft	
						@ 854.35	374205
18	Providing and fixing G.I. wire gauze 22 SWG, 12x12 meshes per square inch, (5x5 meshes in cm2) fixed to steel window, with flat iron patti 1/2"x 1/8" M.S. flat 1/2"x1/8" (13mm x 3mm) grill including 3/4" x 1/8" (20 mmx3 mm) M.S. flat frame, Double jali Grill, including painting three coats, complete in all respects.						
	OPD Front Corridor	4	7.50	4.5		135 Sft	
						Total	
						135 Sft	
						@ 782.7	105665
20	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Deodar/Ash/Oak ply with grooves , compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt , handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.						
	D.7	17	3.50		7	417 Sft	
	D.3	2	4.75		7	67 Sft	
	D.4	6	4.00		7	168 Sft	
	D.2	2	5.00		7	70 Sft	
	D.2	2	4.50		7	63 Sft	
						Total	
						785 Sft	
						@ 678.55	532662


Sr#	Description	No	L	B	H	Contents	Amount
20(ii)	Providing and fixing 2" wide M.S / G.I Chowkat singel / double rebate made of 16 SWG MS sheet pressed/welded/supported with M.S.flat 1-1/4" x 1/8" 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 anti rust paint including filling 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. 15 " wide						
		D.7	17	3.50	7	417 Sft	
		D.3	2	4.75	7	67 Sft	
		D.4	6	4.00	7	168 Sft	
		D.2	2	5.00	7	70 Sft	
		D.2	2	4.50	7	63 Sft	
					Total	785 Sft	
					@ 727.3	1 Sft	570891
21	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.						
		D.9	12	2.50	7	210 Sft	
					Total	210 Sft	
					@ 1300	1 Sft	273000
22	Providing and fixing panelled door of M.S. sheet, with forged door leaves of M.S. sheet 22 SWG fitted in hollow frame chowkat 3"x4 1/2" (75 mmx113 mm) made of M.S. sheet 18 SWG filled with plain cement concrete 1:3:6 etc.complete with all fittings and hammer painting, including carriage to site and fixing in position						
	Lawn open	4	4.00		7	112 Sft	
					Total	112 Sft	
					@ 1622.45	1 Sft	181714
23	Providing and fixing autotomatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge						
					Total	42 Nos	
					@ 2932	42 Nos	
						1 Nos	123144
24	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 mortor i/c the cost of matching sealer,cutting, grinding and chemical polishing complete in all respect as zpproved and directed by the Engineer Incharge.						
	W.2	1	12	1.5		18 Sft	
	W-7	25	3.5	1.5		131 Sft	
	w.4 Doc Toil	5	4	1.5		30 Sft	
	W-5	2	12.25	1.5		37 Sft	
	W-3	2	7.75	1.5		23 Sft	
	Ent steps 4x2	8	7.37	1		59 Sft	
	5x2	10	7.37	0.5		37 Sft	
	labortary	1	20.125	2		40 Sft	
		1	12.25	2		25 Sft	
		1	12.875	2		26 Sft	
					Total	426 Sft	
					@ 412.35	1 Sft	175661
25	Wall plastic emulsion with wall patie filling on wall i/c griding 3 coat and labour charges and carrage of material from market to site complete in all respect.						
	Toilet	1	5	7.5		38 Sft	
	Store	1	7.70	11.625		90 Sft	
	Toilet	2	7.75	5.625		87 Sft	
	Dark Room	1	7.737	9.70		75 Sft	
	Store	1	7.737	9.70		75 Sft	
	Stores	3	15.875	12		572 Sft	
	Nurse toil	1	5	7		35 Sft	

Sr#	Description	No	L	B	H	Contents	Amount
	Anesthesia	1	16.25	11.625		189 Sft	
	Waiting	1	15.18	11.625		176 Sft	
	Sterlization + Sink	2	16.25	7.625		248 Sft	
	Dielivery	1	15	20.125		302 Sft	
	Post natal	1	20.75	20.125		418 Sft	
	Antental	1	11.75	14.125		166 Sft	
	Bath	1	11.75	5		59 Sft	
	Store 2 (7.70+11.625)	2	19.325	9		348 Sft	
	Dark Room 2 (7.375+9.70)	2	17.075	9		307 Sft	
	Store 2 (7.375+9.70)	2	17.075	9		307 Sft	
	Anes 2(16.25+11.625)	2	27.875	9		502 Sft	
	Waiting (15+11.625)	2	26.625	9		479 Sft	
	Sterlization (16.25+7.625)	2	23.875	9		430 Sft	
	Dilevery 2 (15+20.125)	2	35.125	9		632 Sft	
	Post Natal 2(20.75+20.125)	2	40.875	9		736 Sft	
	Antental 2(11.75+14.125)	2	25.875	9		466 Sft	
	Bath 2(11.75+6)	2	17.75	5		178 Sft	
	Toil 2(5+7.5)	2	12.5	5		125 Sft	
	Toil 2(7.737+5.625)	2	13.362	5		134 Sft	
	Nurse 2 (5+7)	2	12	5		120 Sft	
				Total		7294 Sft	8826
				@ 33	2137.35	1 Sft	240702
26	Providing and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 mm thick hard aluminum channel fixed on wall bracket and screws c/c the cost of albows at ends,bufferbelt as approved and directed by the Engineer Incharge						145889/
	Main ent Lobby	2	60.62			121 Rft	
	R/S Corrido	2	67.5			135 Rft	
	L/S Corridor	2	43.5			87 Rft	
	Postnatal Corridor	2	35.25			71 Rft	
	Corridor 7.37' wide	2	30.875			62 Rft	
				Total		219 Rft	110809/
				@ 750	505/40	1 Rft	464438
27	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	4			60 Rft	
				Total		61 Rft	
				@ 550		1 Rft	33550
28	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: one coat on old surface						
	F/s	1	180.125	14		2522 Sft	
	R/s	1	43.625	14		611 Sft	
	B/s	1	180.125	14		2522 Sft	
		1	16.875	14		236 Sft	
	L/s (49.25+43.75)	1	30.875	14		432 Sft	
				Total		6323 Sft	
	Deduction windows & Doors						
	W-7	25	3.5	4.5		394 Sft	
	W-6	2	4	2.5		20 Sft	
	W-5	1	12.25	2.5		31 Sft	
	Cw	4	3.5	2.5		35 Sft	
				Total		480 Sft	
	Net	6323		480		5843 Sft	112524/
				@ 2687.35	1825.95	100 Sft	157022
29(i)	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I. pipes of B.S.S. 1387-1967 complete in all respects, with Medium Quality i/c Making jharries in existing brick masonry for providing recesses for bearing of RCC roof slab, including repairing Damage area.(A.C water Drainage Pipes)						
		35	20			700 Rft	
				Total		700 Rft	182420/
				@ 733.5	240.60	1 Rft	543450
29	Pacca brick work Ground floor buildings ratio. 1:5						
	D.7	17	3.50	0.75	1.50	89 Cft	

Sr#	Description	No	L	B	H	Contents	Amount
		D.3	2	4.75	0.75	1.50	14 Cft
		D.4	6	4.00	0.75	1.50	36 Cft
		W-7	15	3.5	1.125	1.50	79 Cft
		W-6	2	4	1.125	1.50	12 Cft
	OT Window	1	15.25	1.125	8.37	144 Cft	
		1	6	0.75	8.37	38 Cft	
	oT & Dilevery Middle Door	1	16.25	0.75	8.37	102 Cft	
	X-Ray / Wait F/s Wall	1	5	0.75	6.5	24 Cft	
		1	3.5	0.75	3.75	10 Cft	
	Lab Shelf sport	8	1.5	0.375	0.5	2 Cft	
					Total	550 Cft	
					@ 31221.1	100 Cft	171716
30	Cement plaster 1:4 upto 20' (6.00 m) height 1/2" Thick						
		D.7	17	3.50	1.50	89 Sft	
		D.3	2	4.75	1.50	14 Sft	
		D.4	6	4.00	1.50	36 Sft	
		W-7	15	3.5	1.50	79 Sft	
		W-6	2	4	1.50	12 Sft	
	OT Window	2	15.25	8.37		255 Sft	
		2	6	8.37		100 Sft	
	oT & Dilevery Middle Door	2	16.25	8.37		272 Sft	
	X-Ray / Wait F/s Wall	2	5	6.5		65 Sft	
		2	3.5	3.75		26 Sft	
	Lab Shelf sport 8x2	16	1.5	0.5		12 Sft	
					Total	960 Sft	
					@ 3245.95	100 Sft	31161
31	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects 1:2:4						
		Lab Countr	2	12.875	1.5	0.25	6 Cft
		1	15	1.5	0.25	4 Cft	
					Total	10 Cft	
					@ 556.7	1 Cft	5567
32	Cement pointing struck joints, on walls, upto 20' (6.00 m) hieght:						
		D.7	17	3.50	1.50	89 Sft	
		D.3	2	4.75	1.50	14 Sft	
		D.4	6	4.00	1.50	36 Sft	
		W-7	15	3.5	1.50	79 Sft	
		W-6	2	4	1.50	12 Sft	
		1	16.25	8.37		136 Sft	
					Total	366 Sft	
					@ 4170.85	100 Sft	15265
33	Single layer of Tile laid Over 4" earth and 1" Mud plaster i/c Bitumen coating 34lbs/100sft and One layer of Polythene sheet 500 G complete						
		1	75	20		1500 Sft	
					Total	1500 Sft	
					@ 12141.5	100 Sft	182122
34	Cement pointing 1:2 flush on floor. Roof Opd						
		1	136.5	43.75		5972 Sft	
		1	30.873	22		679 Sft	
					Total	6651 Sft	
					@ 4170.85	100 Sft	277403
						Total	14853084
	Credit old material						
	Old Tiles	1	1500	3.5	1/2	2625 Nos	
					Total	2625 Nos	
					@ 4500	1000 Nos	11813
	Old Bats	1	1500	0.125	1/2	94 Cft	
					Total	94 Cft	
					@ 2500	100 Cft	2344
	Old MS Windows					38 Nos	
					Total	38 Nos	
					@ 5000	1 Nos	790000
					25W		9500

G2

Sr#	Description	No	L	B	H	Contents	Amount
	Old Ply Doors i/c MS Chowkat					41 Nos	
						41 Nos	82000
						1 Nos	102500
	Old Wash hand Basin						
						10 No,s	
						10 No,s	
						1 No,s	8000
	Old Bib Cock						
						35 No,s	
						35 No,s	
						1 No,s	3500
	Old copper couductor cable 3/.029"						
						1800	
						3500 Mtr	
						3500 Mtr	54000
						1 Mtr	105000
	Old copper couductor cable 7/.029"						
						1200	
						2500 Mtr	
						2500 Mtr	42000
						1 Mtr	87500
	Old copper couductor cable 7/.036"						
						700	
						2000 Mtr	
						2000 Mtr	28000
						1 Mtr	80000
	Old Swich Board i/c piano type swichs						
						100 No,s	
						100 No,s	
						1 No,s	10000
						Total	800657
							33657
						Net	11884389
							12980393
							285048.54
							356532
							389412
							Net 14537476
							13769809
							12240921


SUB-DIVISIONAL OFFICER
BUILDINGS SUB DIVISION
DEPALPUR

722
7


EXECUTIVE ENGINEER
BUILDINGS DIVISION
OKARA

REVAMPING OF WARD BLOCK AT THQ DEPALPUR

Sr#	Description	No	L	B	H	Contents	Amount
1	Dismantling cement concrete 1:2:4 plain.						
	Male Ward	2	65.25	19.5	0.292	743 Cft	
	Female Ward	2	65.25	19.5	0.292	743 Cft	
	Wards Ver connecting Toil.	2	39.75	9.875	0.292	229 Cft	
	Wards F/s +B/s Ver	2	60.75	9	0.292	319 Cft	
	Day Room	2	20.875	15.875	0.292	194 Cft	
	Nurse	2	9.75	8.75	0.292	50 Cft	
		2	3.63	6.37	0.292	14 Cft	
	Store	2	10	9.625	0.292	56 Cft	
	Main Entrance	1	20.875	16.625	0.292	101 Cft	
		1	13.37	15.5	0.292	61 Cft	
	Corridor	1	98.625	9	0.292	259 Cft	
	Dirty & Clean Utility	2	10.25	7.37	0.292	44 Cft	
	Public Toilets (Lav) 2No	2	10.125	6.75	0.292	40 Cft	
		2	20.875	3	0.292	37 Cft	
	Toilet (2x3)	6	3.5	5	0.292	31 Cft	
	Bath (2x2)	4	4.9375	5	0.292	29 Cft	
	Sluce	2	10	6	0.292	35 Cft	
	Nurse Toil	2	5	6	0.292	18 Cft	
	Toilet 2 bed ward	2	4.75	9	0.292	25 Cft	
		1	6	5	0.292	9 Cft	
			Total			3037 Cft	
			@ 11174.6			100 Cft	339373
2	Dismantling glazed or encaustic tiles, Dismantling of stone work etc						
	Male ward 2x2(65.25+19.5)	4	84.75		3	1017 Sft	
	Female ward 2x2(65.25+19.5)	4	84.75		3	1017 Sft	
	Wards ver 2x2(39.75+9.875)	4	49.625		3	596 Sft	
	Ward F/s+B/s 2x2 (60.75+9)	4	69.75		3	837 Sft	
	Day Room 2x2(20.75+15.875)	4	36.625		3	440 Sft	
	Nurse 2x2(9.75+8.75)	4	18.5		3	222 Sft	
	2x2 (3.63+6.37)	4	10		3	120 Sft	
	Store 1x2(10+9.625)	2	19.625		3	118 Sft	
	Main entrance 2(16.625)	2	16.625		3	100 Sft	
	Stair area 2 (13.37)	2	13.37		3	80 Sft	
	Corridor 2 (98.625)	2	98.625		3	592 Sft	
	Dir & Clean 2(10.25+7.37)	2	17.62		3	106 Sft	
	Public Toilet Lav 2x2 (10.125+6.75)	2	16.875		7	236 Sft	
	Lav	2	20.875		7	292 Sft	
	sluce side	2	10.75		7	151 Sft	
	Toil 6x2(3.5+5)	12	8.5		7	714 Sft	
	Bath 4x2(4.9375+5)	8	9.9375		7	557 Sft	
	Sluce 2x2(10+6)	4	16		7	448 Sft	
	Nurse 2x2(4.75+9)	4	13.75		7	385 Sft	
	Toile bed ward 2x2(4.75+9)	4	13.75		7	385 Sft	
			Total			8413 Sft	
	Deductions						
		1	7.75		3	23 Sft	
	Waiting open	3	20.5		3	185 Sft	
	Door	15	3.5		3	158 Sft	
	D.9	9	2.5		7	158 Sft	
			Total			524 Sft	
		Net	8413	(-)	524	7889 Sft	
			@ 2335.85			100 Sft	184275
3	Dismantling of Second class tile Roofing.						
	Roof	1	55	40.87		2248 Sft	
			Total			2248 Sft	
			@ 1269.85			100 Sft	28546
4	Cement concrete plain i/c placing compacting finishing and curing complete (i/c screening and washing of stone aggregate) 1:2:4.						
	Same Qty Above Item Dismantled	7889	0.125			986 Cft	
			Total			986 Cft	
			@ 38178.9			100 Cft	376444

THE DISTRICT OFFICE

OF THE
BUREAU OF DESIGN
DESIGN ENGINEER

31

Q:3 cobber conuqnerol cefra 11'038.
Deta:q:qrou

104

1 WA
3000 WA
4000 WA
100
COUNT

12240

1 WA
3000 WA
4000 WA
100
COUNT

10000

4020

600

WITNES

Abstract


REVAMPING OF DYALYSIS UNIT AT THQ DEPALPUR

#	Description	No	L	B	H	Contents	Amount
1	Dismantling cement concrete 1:2:4 plain. Filtration Room (Settled Floor)	1	22	18	0.292	116 Cft	
				Total		116 Cft	
				@ 11174.6		100 Cft	12963
2	Dismantling glazed or encaustic tiles, Dismantling of stone work etc Filtration Rom 2(22+18)	2	40		3	240 Sft	
				Total		240 Sft	
	Deductions						
	Door	1	4.5		3	14 Sft	
	D.9	1	2.5		3	8 Sft	
				Total		22 Sft	
	Net	240		(-)	22	218 Sft	
				@ 2335.85		100 Sft	5092
3	Cement concrete plain i/c placing compacting finishing and curing complete (i/c screening and washing of stone aggregate) 1:2:4. Same Qty Above Item Dismantled	218	0.125			27 Cft	
				Total		27 Cft	
				@ 38178.9		100 Cft	10308
4	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 matchin 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") Filtration Rom	1	22	18		396 Sft	
				Total		396 Sft	
				@ 368.75		1 Sft	146025
5	Providing and laying 3/8" thick Prepolished Marble skirting/risers having uniform texture (spot less) 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 Filtration Rom 2(22+18)	2	40	5.25		420 Sft	
				Total		420 Sft	
	Deductions						
	D	1	4.5	3		14 Sft	
		1	2.5	3		8 Sft	
				Total		22 Sft	
	Net	420		(-)	22	398 Sft	
				@ 340.55		1 Sft	135539
6	Supply and installation of Clip-in tile of specified thickness non-porous Aluminium false ceiling of specified size fitted with 'Clip-in' suspension system hanged on Concealed T/Shiplap edge/runners @ 600 mmX600 mm grid, Edge Trims fasten on wall with plug and screw @ 500 mm c/c i/c cutting charges of tiles to required size, suspension rods and joints sealed with silicon if required of DAMPA/Demark, as approved and directed by the Engineer Incharge. 6mm Thick 600mm x 600mm OT.1	1	22	23.125		509 Sft	
	OT.2	1	22	21.78		476 Sft	
		1	12	10		120 Sft	
				Total		1105 Sft	
				@ 600		1 Sft	663000

Sr#	Description	No	L	B	H	Contents	Amount
7-	Supply and installation premium graded/scratch-resistant Hygienic anti-microbial Pvc wall cladding of specified thickness duly thermoplastic welded conforming to (ISO:22196) and pasted over 12mm thick gypsum board with adhesive/solvent fixed over 14-SWG G.I Channael of size 3.5"X 2"X3.5" duly screwed on wall i/c the cost of hardwares as approved and directed by the Engineer In-charge						
	2.5mm thick						
	OT.1 2(22+23.125)	2	45	9		812 Sft	
	OT.2 2(22+21.78)	2	44	9		788 Sft	
	2 (12+10)	2	22	9		396 Sft	
				Total		1996 Sft	
				@ 3500		1 Sft	6986000
8	Supply and installation anti microbial Hygienic flooring (with anti bacterial agent) conforming to (ISO:22196) of specified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer Incharge.Cementitious Urethane						
	OT.1 Flooring	1	22	23.125		509 Sft	
	OT.2	1	22	21.78		476 Sft	
		1	12	10		120 Sft	
	OT.1 2(22+23.125)	2	45	5		451 Sft	
	OT.2 2(22+21.78)	2	44	5		438 Sft	
	2 (12+10)	2	22	5		220 Sft	
				Total		2214 Sft	
				@ 650		1 Sft	1439100
8(ii)	Scrub Unit Made of Corian 3 Persons scrub with automatic faucets Activation by Sensors Operated without usage of hands Elbow activated dispenser LGA Qualitest GmbH Hygiene Certified (European)						
						1 NO	
						1 No	
						1 No	
				Total			
				@ 1924875.00			9000.00
9	P/F of HN hydraulic door closer imported best quality i/c cost of carriage & labour complete						
						38 Nos	
				Total		38 Nos	
				@ 2932		1 Nos	111416
10	P/L 3/4" thick (granite) marble slab of China verona full width laid over a bed of 3/4"thick cement sand mortar 1:2 i/c cutting , rubbing, and making nozing for stair steps white cement filling with matching pigment complete in all respect as approved by Engineer incharge						
	Service Duct	1	3.5	1.285		4 Sft	
				Total		4 Sft	
				@ 412.35		1 Sft	1649
10(ii)	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I. pipes of B.S.S. 1387-1967 complete in all respects, with Medium Quality i/c Making jharries in existing brick masonry for providingrecesses for bearing of RCC roof slab, including repairing Damage area.(A.C water Drainage Pipes)						
		30				600 Rft	
						600 Rft	
						1 Rft	
				Total			
				@ 733.5			156360
				260.60			440100
11	Wall plastic emulsion with wall patie filling on wall i/c griding 3 coat and labour charges and carrage of material from market to site complete in all respect.						
	Toilet	1	5	7.5		38 Sft	
	Store	1	7.70	11.625		90 Sft	
	Toilet	2	7.75	5.625		87 Sft	
	Dark Room	1	7.737	9.70		75 Sft	
	Store	1	7.737	9.70		75 Sft	
	Stores	3	15.875	12		572 Sft	
	Nurse toil	1	5	7		35 Sft	

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Sr#	Description	No	L	B	H	Contents	Amount
	Anesthesia	1	16.25	11.625		189 Sft	
	Waiting	1	15.18	11.625		176 Sft	
	Sterlization + Sink	2	16.25	7.625		248 Sft	
	Dilevery	1	15	20.125		302 Sft	
	Post natal	1	20.75	20.125		418 Sft	
	Antental	1	11.75	14.125		166 Sft	
	Bath	1	11.75	5		59 Sft	
	Store 2 (7.70+11.625)	2	19.325	9		348 Sft	
	Dark Room 2 (7.375+9.70)	2	17.075	9		307 Sft	
	Store 2 (7.375+9.70)	2	17.075	9		307 Sft	
	Anes 2(16.25+11.625)	2	27.875	9		502 Sft	
	Waiting (15+11.625)	2	26.625	9		479 Sft	
	Sterlization (16.25+7.625)	2	23.875	9		430 Sft	
	Dilevery 2 (15+20.125)	2	35.125	9		632 Sft	
	Post Natal 2(20.75+20.125)	2	40.875	9		736 Sft	
	Antental 2(11.75+14.125)	2	25.875	9		466 Sft	
	Bath 2(11.75+6)	2	17.75	5		178 Sft	
	Toil 2(5+7.5)	2	12.5	5		125 Sft	
	Toil 2(7.737+5.625)	2	13.362	5		134 Sft	
	Nurse 2 (5+7)	2	12	5		120 Sft	
					Total	7294.6ft	6826
					@ 38	1 Sft	240702
12	Provding and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 mm thick hard aluminum channel fixed on wall bracket and screws c/c the cost of albows at ends,bufferbelt as approved and directed by the Engineer Incharge						145889
	Main ent Lobby	2	60.62			121 Rft	
	R/S Corrido	2	67.5			135 Rft	
	L/S Corridor	2	43.5			87 Rft	
	Postnatal Corridor	2	35.25			71 Rft	
	Corridor 7.37' wide	2	30.875			62 Rft	
					Total	475 Rft	240313/
					@ 750	1 Rft	356618
13	P/F stainless steel angle corner for columns size 3"x3"x1/16" complete in all respect						
		15	4			60 Rft	
					Total	60 Rft	32000
					@ 683	1 Rft	40980
14	Cement pointing 1:2 flush on floor.						
	Roof	1	90	93		8370 Sft	
					Total	8370 Sft	
					@ 3188.55	100 Sft	266882
							11253289
					Total		12781249
							10353536
							255624.98
					Add 2% Contingency	310606	
						225066	
							Net 13036874
							14478354
							10664142/-


SUB DIVISIONAL OFFICER
BUILDINGS SUB DIVISION
DEPALPUR

8723

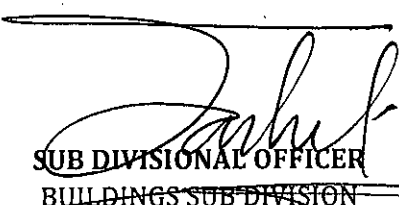

EXECUTIVE ENGINEER
BUILDINGS DIVISION
OKARA

CONSTRUCTION OF DUMP WELL OPERATION THEATHER Dyalysis Block

Sr	Description	Qty	Unit	Rate	Amount
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead b) in ordinary soil.	100	1000 Cft	10677.8	1068
2	Spraying anti-termite liquid mixed with water in the ratio of 1:40.	1270	1 Sft	9.25	11748
3	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (e) Ratio 1: 6: 18	26	100 Cft	19829.7	5156
4	Pacca brick work ratio (1:6) in foundation and plinth complete	76	100 Cft	29419.6	22359
5	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating :- (a) with one coat bitumen and one coat polythene sheet500gauge i) 1½" thick (40 mm)	34	100 Sft	8642.1	2898
6	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:- (a) with one coat of bitumen and one coat of polythene sheet 500 gauge: i) Ratio 1: 4 a) ½" thick (13 mm)	13	100 Sft	5486.9	720
7	Filling, watering and ramming earth under floors:- with surplus earth from foundation, etc.	67	1000 Cft	5090.45	340
8	Filling, watering and ramming earth under floors:- with new earth excavated from outside, lead upto three mile	0	1000 Cft	18184.5	0
9	Pacca brick work ratio (1:6) in ground floor	139	100 Cft	31603.4	43929
ii	Pacca brick work ratio (1:6) in 1st floor	178	100 Cft	32949.2	58650
10	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) (c) Type C (nominal mix 1: 2: 4)	3	1 Cft	556.7	1670
ii	_____ do _____ 1st floor	19	1 Cft	589.5	11201
11	Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- (3) Type C (nominal mix 1: 2: 4)	0	1 Cft	457.75	0
12	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- (b) Deformed bars (Grade-40)	67	100 Kg	31392.1	21033

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13	P/F Iron door comprising of specified leaves made of 1-1/4"x1-1/4"x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge. (ii) Double Leaf	56	1 Sft	1392.35	77972
14	Supplying and filling sand under floor; or plugging in wells.	12	100 Cft	2943.3	353
15	Dry rammed brick or stone ballast, 1 1/2" to 2" (40 mm to 50 mm) gauge.	12	100 Cft	9089.5	1091
16	1 1/2"(40 mm) thick mosaic flooring, consisting of 1/2"(13 mm) mosaic topping of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1"(25 mm) thick floor of 1:2:4 cement concrete, including rubbing and polishing complete with finishing :- (a) using grey cement	35	100 Sft	19573	6851
17	Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1/2"(13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing: (a) using grey cement: ii) 1/2"(13 mm) thick	120	100 Sft	20965.9	25159
18	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height. b) 1:3	35	100 Sft	3708.6	1298
19	Cement plaster 1:4 upto 20' (6.00 m) height:- 1/2" (13 mm) thick	576	100 Sft	3245.95	18697
20	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with 'B' Class working pressure pipe, in trenches, complete in all respects:- 4" i/d (100 mm)	88	1 Rft	440.65	38777
21	Providing and installing P.V.C. bends, of B.S.S. Class 'B' working pressure:- b) 4" i/d (100 mm)	2	1 Rft	543.55	1087
22	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm) complete	1	1 Each	855	855
23	Distempering three coat on new surface	611	100 Sft	1295	7912
24	1/2" thick cement plaster ratio (1:4) i/c bitumen coating and polythene sheet 500 gauge (under bearing plaster)	24	100 Sft	5881	1406
25	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 i/c polythene sheet 500 gauge	27	100 Sft	12141.5	3278
				Total	365505


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 DEPALPUR


 EXECUTIVE ENGINEER
 BUILDINGS DIVISION
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CONSTRUCTION OF WATER FILTRATION PLANTS AT THQ HOSPITAL

Sr #	Description.	Plinth	Unit	Plinth Area Rates									TOTAL	Amount	Remarks
		Area		B.P.	Strip	Frame Structure	Extra for foundation for 1st Floor and Subsequent floor	Extra for Additional	Items	Reduce cost of foundation	P.H.	E.I.			
1.	Construction of Filtration Plant Room Size 16x12 with veranda 7' wide.	372	P. Rft		3026					119	226		3371	1253591	
2.	Provision of Water Supply	1	Job		1382413								1382413	1382413	
3.	Providing and Installing of Penta Pure water Filtration Plant With Arsinic Removal & Hygienic Ultra Filtration Technologies , Warranted in workmanship for 12-Month from the date of commissioning approved and entire satisfaction of Engineer Incharge.	1	Job		1687500								1687500	1687500	
													Total-A	4323503	
1.	Add 5% External Development				1253591									62680	
2.	Add 5% PRA				4386183									219309	
													Total-B	281989	
													G. Total (A+B)	4605492	

Say Rs. 4.605 (M)


SUB DIVISIONAL OFFICER

Buildings Sub Division Depalpur



EXECUTIVE ENGINEER

Buildings Division Okara

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Providing and Installing of Penta Pure water Filtration Plant With Arsinic Removal & Hygienic Ultra Filtration Technologies , Warranted in workmanship for 12-Month from the date of commissioning approved and entire satisfaction of Engineer Incharge.

	Detail	Quantity		Rate per unit (Rs)		Amount
	MATERIAL					
1	Providing and Installing of Penta Pure water Filtration Plant With Arsinic Removal & Hygienic Ultra Filtration Technologies , Warranted in workmanship for 12-Month from the date of commissioning approved and entire satisfaction of Engineer Incharge.	1	Nos	1200000	Each	1200000
2	Cost of Hypo Chloriator	1	Nos	300000	Each	300000
	Total					1500000
	Contracto's 12.50%					187500
	Total					1687500
				Say Rs.		1687500
Certified that Rates for material and labour are as per input rates as displayed on web site of finance Department for the 2nd Bi Annual 2020						


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Depalpur

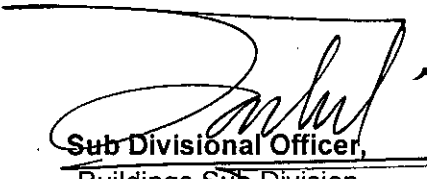
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Buildings Division Okara

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Providing and Installation of Sub Muricible pump / Sub Clean Water bore hole Pump KSB made UpAchrom 100-09/12 CC Flow 8.00 M3/H, Head 150 ft, motor 4HPi/c DOL stater, Colum pipe (10'x10'), top bend, suspension clamp, cable connection, 01 Sluice valve, reflux valve wareanty of 6-Month from date of commissioning and 12-month from date of dispatch complete in all respect as approved by the Engineer Incharge.

	Detail	Quantity		Rate per unit (Rs)		Amount
	MATERIAL					
1	Providing and Installation of Sub Muricible pump / Sub Clean Water bore hole Pump KSB made UpAchrom 100-09/12 CC Flow 8.00 M3/H, Head 150 ft, motor 4HPi/c DOL stater, Colum pipe (10'x10'), top bend, suspension clamp, cable connection, 01 Sluice valve, reflux valve wareanty of 6-Month from date of commissioning and 12-month from date of dispatch	1	Nos	525000	Each	525000
2	Carriage from Lahore to site of Work	1	Ls	3000	Each	3000
3	Fitting Charges	1	Ls	3000	Each	3000
	Total					531000
	Contracto's 12.50%					66375
	Total					597375
	Item Rate					
	Composite Rate Each					597375
				Say Rs.		600000
	Certified that Rates for material and labour are as per input rates as displayed on web site of finance Department for the 1st Bi Annual 2019					


Sub Divisional Officer,
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EXECUTIVE ENGINEER
 Buildings Division Okara

Executive Engineer
Building Division
OKARA.

Date: 18-11-2020
Ref. SL/077

**QUOTATION PENTA PURE WATER PURIFICATION PLANT
WITH ARSINIC REMOVAL & HYGIENIC ULTRA
FILTRATION 1000 GPH.**

DESIGN BASIS

The proposal is based on following criteria.

Feed water TDS: 1,000 ppm (maximum)

Feed water temperature: 25 C

Capacity: 1000 GPD

Made by PENTA PURE

PHED & BUILDING DEPARTMENT PUNJAB APPROVED SPECIFICATIONS

SUGGESTED SPECIFICATIONS OF TREATMENT UNIT WITH COMMENTS.

No.	Item		Brand/Make	Justification
1	Pre Filtration System		PENTA PURE	
	1.1	Raw Water Feed Pump 1. HP	Italy/USA	To provide 80 psi pressure as required for pre filtration
	1.2	Sand Filter (5.4 ft height & 1.6 ft diameter FRP ,Fiber Reinforced Polyester) SAND Media	Brand: wave cyber /Pentair, USA NSF Approved	Due brackish/chemically water stainless steel vessel is not suitable. FRP material is resistant to brackish water.
	1.3	Jumbo filter 20 " (5 Micron Cartridge) 2-Nos	Branded	Refine the filtered water.
	1.4	Superior Filter (5.4 ft height & 1.6 ft diameter FRP ,Fiber Reinforced Polyester) S22-D Media MADE IN GERMANY	Brand: wave cyber /Pentair, USA NSF Approved	<u>S22-D Media</u> Remove of Color : 58% Phosphorous : 55% Manganese : 92%

				Copper : 70% Zinc : 88% Fluorine : 32% Haloform : 55% Mercury : 28% Cadmium : 92% Molybdenum : 70% Nickel : 25%
	1.5	Carbon Filter (Activated carbon ⁽³⁾ Filter (5.4 ft high & 1.6 ft diameter FRP, Fiber Reinforced Polyester)	Brand: wave cyber /Pentair, USA NSF Approved	Due brackish/chemically water stainless steel vessel is not suitable. FRP material is resistant to brackish water.
	1.6	Jumbo filter 20 (1 Micron) 2-Nos	Branded	Refine the filtered water up to 01micron
	1.7	Anti germs chemical dosing	Branded	<u>Coli form</u> and <u>E coli</u> bacteria killed
2	Fully Automatic ultra filtration system (with following item- specifications)			
	2.1	PENTA PURE Water treatment Capacity	1000 GPD	
	2.3	U F. Membranes (8x91/4"x40")	ASPRINN/Hyflux/APPLIED TAIWAN/SINGAPUR/USA	Ultra filtration technology is a new kind of high technology, which can be widely used in separation, concentration and purification of substance in foods, drinks, medicine and other industries. Filtration down to 0.01 micron. Blending Requirement
	2.4	High Pressure Membrane Vessels ⁽⁶⁾	Mec puro/ euro tech /wave cyber ppwt Taiwan/ USA	S.S. Vessel is not suitable due brackish water.
	2.5	controlled system box	Korea/Japan/USA	For smooth operation Automatic of plant.
3	Flushing System		Italy/Taiwan /USA	Flushing system to clean the UF. Membranes with filtration of water
4	Gages Flow Meter Etc.		Italy/Taiwan /USA	checking of R.O. membranes Pressure and flow &TDS
5	Ultra violet lamp		Atlantic/philips	<u>(Water Sterilization / Disinfection Unit)</u> The UV Sterilizer operates using a low pressure mercury vapor to produce the UV There are five major groups of micro organisms that are destroyed with Ultra Violet Sterilizer; viruses, bacteria, fungi, algae and protozoa.
6	Storage Tank 500 Gallon, Food grade Q-NO-2		Branded	PE Master tuff Smooth and continued supply of water

7	Piping, Fitting & etc.	Food grade UPVC	As per required
8	S S. Skid	Local	As per required

Buyers Responsibility

- i. To provide electric power into the plant room.
- ii. To provide drain line near plant room.
- iii. To provide water requirement for filtration at a min. pressure Of 35 PSI max. 45 PSI
- iv. All civil work.
- v. Site clearance.
- vi. Food and accommodation for 2 persons during installation.

PRICE.

Total Cost of Penta Pure water Filtration Plant With Arsinic Removal & Hygienic Ultra Filtration 1000 GPH.

Rs: 1200000/= (i/c GST).

Cost of Water Chiller : Rs: 3,00,000/-

Note:

Payment:	100 Advance Payment
Delivery of Plant:	within 15-20 days after P/O
Installation Period:	within 5 days after delivery
Offer Validity:	45-DAYS
Warranty:	One year

Thanking and assuring you of our best professional services and co-operation.

Best regards,

**Saeed Iodhi
0321 4463484**

CONSTRUCTION OF DUMP WELL OPERATION THEATER Dyalysis Block

Sr	Description	No	Length	Width	Height	Total
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead b) in ordinary soil.	1	10.25	4	2	82 Cft
		1	2.25	4	2	18 Cft
				Total		100 Cft
2	Spraying anti-termite liquid mixed with water in the ratio of 1:40.					
	Bed					
	H/wall	1	10.25	4		41 Sft
	V/Wall	1	2.25	4		9 Sft
	Walls					
	H/wall	2	10.25		2	41 Sft
	V/Wall	2	2.25		2	9 Sft
				Total		1270 Sft
3	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (e) Ratio 1: 6: 18	1	10.25	4	0.5	21 Cft
		1	2.25	4	0.5	5 Cft
				Total		26 Cft
4	Pacca brick work ratio (1:6) in foundation and plinth complete	1	8.875	3	0.25	7 Cft
		1	8.5	2.625	0.25	6 Cft
	H/wall	1	8.125	2.25	0.25	5 Cft
		1	7.75	1.875	0.25	4 Cft
		1	7.375	1.5	0.25	3 Cft
		1	7	1.125	3	24 Cft
		1	3.125	3	0.25	2 Cft
		1	3.5	2.625	0.25	2 Cft
		1	3.875	2.25	0.25	2 Cft
		1	4.25	1.875	0.25	2 Cft
		1	4.625	1.5	0.25	2 Cft
		1	5	1.125	3	17 Cft
				Total		76 Cft
5	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating :- (a) with one coat bitumen and one coat polythene sheet500gauge i) 1½" thick (40 mm)					
	1st DPC	1	8.125	1.125		9 Sft
		1	5	1.125		6 Sft
	2nd DPC	1	8.125	1.125		9 Sft
		1	5	1.125		6 Sft
				Total		30 Sft
	Deduction					0 Sft
				Total		0 Sft
		Net	30	(-)	0	34 Sft
6	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:- (a) with one coat of bitumen and one coat of polythene sheet 500 gauge: i) Ratio 1: 4 a) ½" thick (13 mm)	1	8.125	1		8 Sft
		1	5	1		5 Sft
				Total		13 Sft
7	Filling, watering and ramming earth under floors:- with surplus earth from foundation, etc. Take 2/3 time qty of item No. 1	0.667	100			67 Cft
				Total		67 Cft

- 8 Filling, watering and ramming earth under floors:- with new earth excavated from outside, lead upto three mile

0 Cft
0 Cft

Deduction
with surplus earth

Cft
0 Cft
0 Cft

Net 0 Total (-) 0

- 9 Pacca brick work ratio (1:6) in ground floor

1 8.125 1.125 12 110 Cft
1 5 1.125 12 68 Cft
Total 178 Cft

Deduction

1 4 1.125 8.5 38 Cft
1 5.5 1.125 0.5 3 Cft
Total 41 Cft

Net 178 (-) 41 139 Cft

- 10 Pacca brick work ratio (1:6) in 1st floor

1 8.125 1.125 12 110 Cft
1 5 1.125 12 68 Cft
Total 178 Cft

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

1 5.5 1.125 0.5 3 Cft
Total 3 Cft

- ii do 1st floor
RCC Slab

1 8.125 6.25 0.375 19 Cft
Total 19 Cft

- 12 Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- (3) Type C (nominal mix 1: 2: 4)

0 Cft
0 Cft
0 Cft

Total

- 13 Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges. for binding of steel reinforcement (also includes removal of rust from bars):- (b) Deformed bars (Grade-40)

22 6.75 0.454 67 Kg
Total 67 Kg

- 14 P/F Iron door comprising of specified leaves made of 1/4"x1-1/4"x3/16" MS angle iron for leaf frame, diagonal and horizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge. (ii) Double Leaf

2 4 7 56 Sft
Total 56 Sft

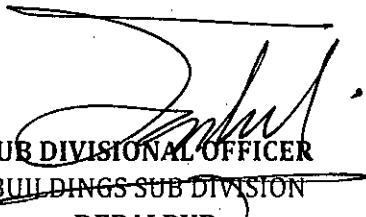
- 15 Supplying and filling sand under floor; or plugging in wells.

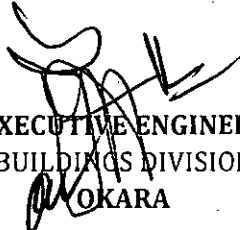
1 7 5 0.333 12 Cft
Total 12 Cft

- 26 Single layer of tiles 9"x4½"x1½" (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 i/c polythene sheet 500 gauge

1	6.625	4.75	31 Sft
		Total	31 Sft
1	2	2	4 Sft
		Total	4 Sft
Net	31	(-)	27 Sft

Deduction


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DEPALPUR



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BUILDINGS DIVISION
MOKARA

CONSTRUCTION OF RAMP

Sr	Description	Qty	Unit	Rate	Amount
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead b) in ordinary soil.	1595	1000 Cft	10677.8	17031
2	Spraying anti-termite liquid mixed with water in the ratio of 1:40.	1270	1 Sft	9.25	11748
3	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (e) Ratio 1: 6: 18	243	100 Cft	19829.7	48186
4	Pacca brick work ratio (1:6) in foundation and plinth complete	772	100 Cft	29419.6	227119
5	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating :- (a) with one coat bitumen and one coat polythene sheet500gauge i) 1½" thick (40 mm)	284	100 Sft	8642.1	24506
6	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:- (a) with one coat of bitumen and one coat of polythene sheet 500 gauge: i) Ratio 1: 4 a) ½" thick (13 mm)	124	100 Sft	5486.9	6817
7	Filling, watering and ramming earth under floors:- with surplus earth from foundation, etc.	1064	1000 Cft	5090.45	5416
8	Filling, watering and ramming earth under floors:- with new earth excavated from outside, lead upto three mile	0	1000 Cft	18184.5	0
9	Pacca brick work ratio (1:6) in ground floor	1513	100 Cft	31603.4	478159
ii	Pacca brick work ratio (1:6) in 1st floor	1513	100 Cft	32949.2	498521
10	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) (c) Type C (nominal mix 1: 2: 4)	544	1 Cft	556.7	302845
ii	_____ do _____ 1st floor	260	1 Cft	589.5	153270
11	Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- (3) Type C (nominal mix 1: 2: 4)	0	1 Cft	457.75	0
12	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- (b) Deformed bars (Grade-40)	2464	100 Kg	31392.1	773500

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23	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm) complete	1	1 Each	855	855
24	Distemping three coat on new surface	6665	100 Sft	1295	86312
25	1/2" thick cement plaster ratio (1:4) i/c bitumen coating and polythene sheet 500 gauge (under bearing plaster)	132	100 Sft	5881	7790
26	Single layer of tiles 9"x4½"x1½" (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 i/c polythene sheet 500 gauge	440	100 Sft	12141.5	53422
27	Providing and laying super 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	995	1 Sft	211.6	210542
					Total 4290782


SUB-DIVISIONAL OFFICER
 BUILDINGS SUB-DIVISION
 DEPALPUR


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 BUILDINGS DIVISION
 OKARA

CONSTRUCTION OF RAMP

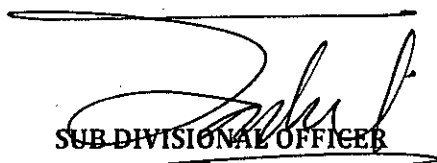
Sr	Description	No	Length	Width	Height	Total
1	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead b) in ordinary soil.	2	57.125	3.25	4	1485 Cft
		1	6.875	4	4	110 Cft
				Total		1595 Cft
2	Spraying anti-termite liquid mixed with water in the ratio of 1:40. Bed					
	H/wall	2	57.125	4		457 Sft
	V/Wall	1	6.875	4		28 Sft
	Walls					
	H/wall	4	57.125		4	914 Sft
	V/Wall	2	6.875		4	55 Sft
				Total		1270 Sft
3	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and plinth:- (e) Ratio 1: 6: 18	2	57.125	4	0.5	229 Cft
		1	6.875	4	0.5	14 Cft
				Total		243 Cft
4	Pacca brick work ratio (1:6) in foundation and plinth complete H/wall	2	59.125	3	0.25	89 Cft
		2	58.75	2.625	0.25	77 Cft
		2	58.375	2.25	0.25	66 Cft
		2	58	1.875	0.25	54 Cft
		2	57.625	1.5	0.25	43 Cft
		2	57.25	1.125	3	386 Cft
		1	7.875	3	0.25	6 Cft
		1	8.25	2.625	0.25	5 Cft
		1	8.625	2.25	0.25	5 Cft
		1	9	1.875	0.25	4 Cft
		1	9.375	1.5	0.25	4 Cft
		1	9.75	1.125	3	33 Cft
				Total		772 Cft
5	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating :- (a) with one coat bitumen and one coat polythene sheet500gauge i) 1½" thick (40 mm) 1st DPC	2	57.25	1.125		129 Sft
		1	9.75	1.125		11 Sft
	2nd DPC	2	57.25	1.125		129 Sft
		1	9.75	1.125		11 Sft
				Total		280 Sft
	Deduction					0 Sft
				Total		0 Sft
	Net		280	(-)	0	284 Sft
6	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating:- (a) with one coat of bitumen and one coat of polythene sheet 500 gauge: i) Ratio 1: 4 a) ½" thick (13 mm)	2	57.25	1		115 Sft
		1	9.75	1		10 Sft
				Total		124 Sft
7	Filling, watering and ramming earth under floors:- with surplus earth from foundation, etc. Take 2/3 time qty of item No. 1	0.667	1595			1064 Cft

				Total	1064 Cft
8	Filling, watering and ramming earth under floors:- with new earth excavated from outside, lead upto three mile				
	Office	1	57.25	9.75	0 Cft
				Total	0 Cft
	Deduction with surplus earth				Cft
				Total	0 Cft
		Net	0	(-)	0
9	Pacca brick work ratio (1:6) in ground floor				
		2	57.25	1.125	12
		1	9.75	1.125	12
				Total	1678 Cft
	Deduction				
	Widnows	5	4.5	1.125	6
		5	5.5	1.125	0.5
				Total	167 Cft
		Net	1678	(-)	167
10	Pacca brick work ratio (1:6) in 1st floor				
		2	57.25	1.125	12
		1	9.75	1.125	12
				Total	1678 Cft
	Deduction				
	Widnows	5	4.5	1.125	6
		5	5.5	1.125	0.5
				Total	167 Cft
		Net	1678	(-)	167
11	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:- (3) (c) Type C (nominal mix 1: 2: 4)				
	RCC Lintle Window	5	5.5	1.125	0.5
	Ramp Landing	2	54.25	9.25	0.5
	Chowki	1	9.25	7	0.416
				Total	544 Cft
ii	_____ do _____ 1st floor				
	RCC Lintle Window	3	5.5	1.125	0.5
	Ramp Landing	1	54.25	9.25	0.5
				Total	260 Cft
12	Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects:- (3) Type C (nominal mix 1: 2: 4)				
					0 Cft
					0 Cft
				Total	0 Cft
13	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- (b) Deformed bars (Grade-40)				
		804	6.75	0.454	2464 Kg
				Total	2464 Kg


- 27 Providing and laying super 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

Landing	2	50.25	9.25	930 Sft
Chowki	1	9.25	7	65 Sft
			Total	995 Sft


SUB DIVISIONAL OFFICER
BUILDINGS SUB DIVISION
DEPALPUR

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EXECUTIVE ENGINEER
BUILDINGS DIVISION
OKARA

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Provision for Turbine 1/2 Cusic with Boring

ABSTRACT OF COST

1 Boring	2765730
2 Machinery	3206250
TOTAL	5971980
SAY	5972000

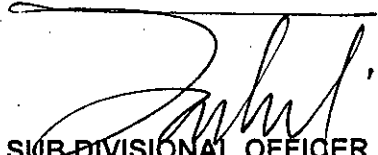

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Building Sub Division Deapaur


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BORING FOR 1/2 CUSIC TURBIEN

Sr.	Description	Qty	Unit	Rate	Amount
1	Direct Rotary/Reverse Rotary drilling of bore for tubewells, in all types of soil except shingle, gravel and rock:- from ground level to 250 ft. (75 m) below ground level:- i) 15" to 18" (375 to 450 mm) i/d	250	1 Rft	770.65	192663
ii	250' to 500' depth	200	1 Rft	770.65	154130
2	Proving strong substantially built box of deodar wood 4'x2-1/2'x3/4' with compartement, lock and locking arrangement for preserving samples of strata from bore hole.	1	1 Job	37136.3	37136
3	Furnishing sample of water from bore hole per set of two No. bottles.	2	1 Set	183.95	368
4	P/L brass strainer in tube well bore hole i/c socket speical etc complete 6" i/dia 3/16" thick.	100	1 Rft	6828.1	682810
5	Providing and installation of M.S bail plug in tube well bore hole 10" i/dia 2-Rft long etc.	1	1 Each	6581.95	6582
6	Providing and installation M.S blind pipe soked welded joints M.S reducer their necessary in tube well bore hole i/c jointing with strainer etc complete. _____ do _____ 12" dia 1/4" thick.	175	1 Rft	4724.15	826726
ii	_____ do _____ 10" dia 1/4" thick.	100	1 Rft	4009.15	400915
7	Testing and developing of tubewell of size 6" (150 mm) i/d and above continuously. i) upto 1.5 cs. discharge	72	1 Hrs	2828.55	203656
8	Shrouded with graded pea gravel 3/8" to 3/8" around tube well bore hole etc complete.	926	1 Cft	168	155568
9	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including ost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- b) Deformed bars (Grade-40)	300	100 Kg	31392.1	94176
10	Providing and fixing of M.S tube well cap for 12" pipe with locking arrangement complete	1	1 Each	2500	2500
11	Providing and fixing of suspension clamp 12" i/d i/c 4' long casting pipe made of M.S fat 4"x1/2" to hold the tubewe ll casing pipe embedded in PCC ratio (1:2:4)	1	1 Each	8500	8500
Total				2765730	

Say Rs. 2765730



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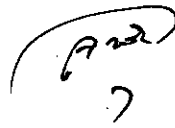

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Buildings Division OKARA

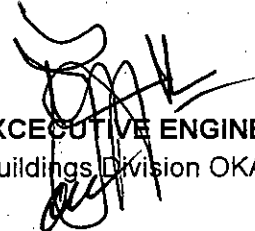
MACHINERY

Sr.	Description	Qty	Unit	Rate	Amount
1	Installation of 0.5 cusec tube well providing installation of .5 cusec 187/rpm, vertical line shaft turbine pump DWT pump size B8B/8 stages i/c prime mover, 20HP MCU-ASD-20HP, complete (quotation attached).	1	1 Each	2850000	2850000
	Add 12.5% Contractor profit				356250
				Total	3206250

Say Rs. 3206300


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EXECUTIVE ENGINEER
Buildings Division OKARA


EXTERNAL DEVELOPMENT

ABSTRACT OF COST

1	WATER SUPPLY	599416
2	SEWERAGE SYSTEM	1304823
3	PROVISION OF SLEEVE OF MAIN ELECT.CABLE	862167
3	EXTERNAL WAITING & PARKING.	2976922
4	CONSTRUCTION OF MANHOLE	989428
TOTAL		7594922 4618000
SAY		7594900 4618000

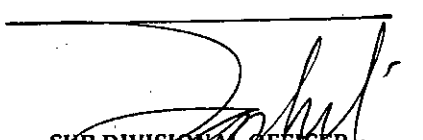

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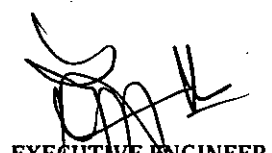

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OKARA

WATER SUPPLY

Sr	Description	Qty	Unit	Rate	Amount
1	Excavation of trenches in all kinds of soil, except cutting rock, for watersupply pipelines upto 5 ft. (1.5 m) depth from ground level, including trimming, dressing sides, leveling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects.	3054	1000 Cft	7622.75	23280
2	Providing and laying cutting jointing testing and disinfecting polyetheline pipeline with all specials etc complete in all respect 3" dia	1357	1 Rft	418.85	568379
3	Rehandling of earthwork: Lead upto a single throw of Kassi, phaorah or shovel	3054	1000 Cft	2539.7	7756
Total					599416

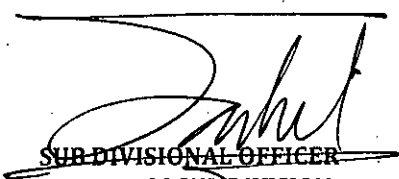

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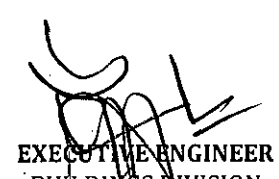

EXECUTIVE ENGINEER
BUILDINGS DIVISION
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WATER SUPPLY

Sr	Description	No	Length	Width	Height	Total
1	Excavation of trenches in all kinds of soil, except cutting rock, for watersupply pipelines upto 5 ft. (1.5 m) depth from ground level, including trimming, dressing sides, leveling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects.					
	OHR To Main Building	1	228	1.5	1.5	513 Cft
	Ward(83.125+98.625+83.125+3+3+76.37+3+76.37+3+140+20)	1	590	1.5	1.5	1327 Cft
	OPD (84.875+71.625+3+3+68.75+3+49.25)	1	283.5	1.5	1.5	638 Cft
	Operational Bloc (103+103+50)	1	256	1.5	1.5	576 Cft
				Total		3054 Cft
2	Providing and laying cutting jointing testing and disinfecting polyetheline pipeline with all specials etc complete in all respect 3" dia					
		1	1357			1357 Rft
				Total		1357 Rft
3	Rehandling of earthwork: Lead upto a single throw of Kassi, phaorah or shovel As same qty of item No. 1					
						3054 Cft
				Total		3054 Cft


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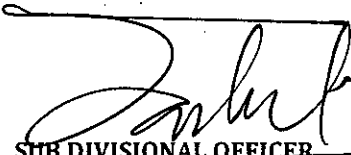

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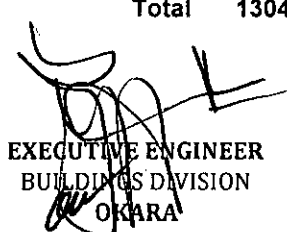
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SEWERAGE SYSTEM

Sr	Description	Qty	Unit	Rate	Amount
1	Earthwork excavation in open cutting for sewers and manholes as shown in drawings including shuttering and timbering, dressing to correct section and dimensions according to templates and levels, and removing surface water, in all types of soil except shingle, gravel and rock:- i) 0 ft. to 7.0 ft. (0 to 2.10 m) depth	11280	1000 Cft	11740.4	132432
2	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.	1410	100 Cft	9089.5	128162
3	Providing and laying R.C.C. pipe, moulded with cement concrete 1:1½:3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. 5911:Part I: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete. 9" dia	0	1 Rft	528.3	0
	Providing and laying R.C.C. pipe sewers, moulded with cement concrete 1:1½:3 conforming to ASTM Specification C-76-79, Class II. Wall B, including carriage of pipe from factory to site of work, lowering in trenches correct alignment and grade, jointing with rubber ring cutting pipes where necessary, testing, etc., complete. i) (12") i/d	653	1 Rft	695.6	454227
	Providing and laying R.C.C. pipe sewers, moulded with cement concrete 1:1½:3 conforming to ASTM Specification C-76-79, Class II. Wall B, including carriage of pipe from factory to site of work, lowering in trenches correct alignment and grade, jointing with rubber ring cutting pipes where necessary, testing, etc., complete. i) (18") i/d	475	1 Rft	1181.8	561355
4	Rehandling of earthwork: Lead upto a single throw of Kassi, phaorah or shovel	11280	1000 Cft	2539.7	28648

Total 1304823


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SEWERAGE SYSTEM

Sr	Description	No	Length	Width	Height	Total
1	Earthwork excavation in open cutting for sewers and manholes as shown in drawings including shuttering and timbering, dressing to correct section and dimensions according to templates and levels, and removing surface water, in all types of soil except shingle, gravel and rock:- i) 0 ft. to 7.0 ft. (0 to 2.10 m) depth					
	Ward block To Collecting tank Adjoining dyllsis(200)	1	200	2.5	4	2000 Cft
	Screening ch.to Main line 18" dia (250+203)	1	453	2.5	4	4530 Cft
	Main line 18" dia	1	475	2.5	4	4750 Cft
				Total		11280 Cft
2	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.					
		1	#REF!	2.5	0.5	0 Cft
		1	#REF!	2.5	0.5	0 Cft
		1	200	2.5	0.5	250 Cft
		1	453	2.5	0.5	566 Cft
		1	475	2.5	0.5	594 Cft
				Total		1410 Cft
3	Providing and laying R.C.C. pipe, moulded with cement concrete 1:1½:3, with spigot socket or collar joint, etc. including cost of reinforcement, conforming to B.S. 5911:Part I: 1981, Class "L" including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing, cutting pipes where necessary, finishing and testing, etc., complete.9" dia					
		1	#REF!			0 Rft
				Total		0 Rft
	Providing and laying R.C.C. pipe sewers, moulded with cement concrete 1:1½:3 conforming to ASTM Specification C-76-79, Class II. Wall B, including carriage of pipe from factory to site of work, lowering in trenches correct alignment and grade, jointing with rubber ring cutting pipes where necessary, testing, etc., complete. i) (12") i/d					
		1	653			653 Rft
				Total		653 Rft
	Providing and laying R.C.C. pipe sewers, moulded with cement concrete 1:1½:3 conforming to ASTM Specification C-76-79, Class II. Wall B, including carriage of pipe from factory to site of work, lowering in trenches correct alignment and grade, jointing with rubber ring cutting pipes where necessary, testing, etc., complete. i) (18") i/d					
		1	475			475 Rft
				Total		475 Rft
4	Rehandling of earthwork: Lead upto a single throw of Kassi, phaorah or shovel As same qty of item No. 1					
						11280 Cft
				Total		11280 Cft

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EXECUTIVE ENGINEER
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OKARA

The Executive Engineer
Building Division
Okara

Your Ref	<u>Telecom</u>	Date	<u>05-07-22</u>		OUR REF:	<u>LEA-13603-A-R1</u>
No. of Pumps	<u>1</u>	Pump Size	<u>Alta VD260 /5 stages</u>		DATE:	<u>05-07-22</u>

Operating Conditions
Medium (H2O) Clean, clear water free from sand & chemicals.

Capacity	<u>0.50 CUSEC</u>	187 IGPM	Max. O.D of bowl	10.3 inches
Pump total head	<u>200 Ft</u>	61 m	I.D tube well	12 inches min.
Bowl Assembly Head			Length of strainer	
Speed	<u>1450 rpm</u>		Length of suction pipe	
Bowl Input	<u>15.16 HP</u>		Length of column pipe	<u>100 Ft</u>
Line Shaft loss	<u>0.25 HP</u>		Length of top Pipe	<u>1 Ft</u>
Pump Input	<u>15.41 HP</u>		Total Length of Column	<u>101 Ft</u>
Prime Mover (SEM/DE)	<u>20.00 HP</u>			

Material Specifications

Pump Assembly	Column pipe assembly
Bowls	Cast Iron
Impellers	Bronze
Wearing Ring	Cast Iron
Shaft	Stainless Steel
Shaft Sleeves	Bronze
Bearings	Bronze
Column pipe	M. Steel
Shaft	Carbon Steel
Shaft Sleeves	S.Steel
Shaft couplings	C.Steel
Bearings	Rubber Lined
Bearing retainer (Ready Cast)	Cast Iron
Column Pipe Coupling	Flanged
Top Shaft	Stainless Steel

Component parts of each pumping unit

Pump assembly of	<u>5</u>	stages with mixed flow type impeller (Flanged Exection)		
Column assembly of	<u>4</u>	inches I.D. with flanged joints	each 10 ft length	<u>10</u> sets
			each 5 ft length	sets
			each 2 m length	sets
			and one top set	<u>1</u> feet length
			shaft dia	<u>25</u> mm
Discharge head with	<u>4</u>	inches discharge branch, type	VN-1342a	flange BSS with
Vertical Solid shaft electrical motor, totally enclosed fan cooled, tropically insulated, 3 phase, 50 cycles, 400±5% volts, with non-reverse reichert, make Siemens /KSB, insulation class F and temperature rise 80°C above 40°C ambient temperature.(Clockwise)				
				Prepublication tank
				<u>20 HP/ 1450 rpm</u>

Price of pumping unit as specified above

ACCESSORIES

(1) Motor Control Unit ASD 20 KSB Standard	Included
(2) Sluice Valve & NRV Cast Iron 4"	Included
(3) Erection Clamp 4"	Included
(4) Mechanical & Electrical Installation With In Pump House Without Civil Works & Material.	Included
Price Basis: Ex Site Budgetary Price/Unit Inc. 17% GST	Rs.2,850,000

Payment Terms 100% advance

Delivery 12-14 Weeks, after firm order

Valldity: 30 Days

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

for KSB PUMPS COMPANY LTD

Sales Lahore

KSB PUMPS COMPANY LIMITED

Registered Office: 16/2 Sir Aga Khan Road, Lahore, Pakistan • UAN: +92-42-111-572-786 • Tel: +92-42-36304173-4
Fax: +92-42-36366192, 36368878, 36375180 • Email: info@ksb.com.pk • www.ksb.com.pk

Works: Hazara Road, Hassanabdal, Pakistan • Tel: +92-57-2570236 • Fax: +92-57-2570237

8. ANNUAL OPERATING COST (POST COMPLETION)

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

Grant Number:Government Buildings - (PC12042)
LO NO:LO22010058
A/C To be Credited:Account-I

PKR Million

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

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

Grant Number:Government Buildings - (PC12042)
LO NO:LO22010058
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
Total		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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

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

9. DEMAND AND SUPPLY ANALYSIS

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

10. FINANCIAL PLAN AND MODE OF FINANCING

10.1 FINANCIAL PLAN EQUITY INFORMATION

10.2 FINANCIAL PLAN DEBT INFORMATION

undefined

10.3 FINANCIAL PLAN GRANT INFORMATION

attached

Financial Plan and Mode of Financing

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

Revenue Side

(Rs.in
Million)

Year	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Funds Released	52.000	22.885	3.029	3.077	5.275	8.082	94.348
Utilization	24.586	22.273	2.950	2.884	4.911	1.263	58.868

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:

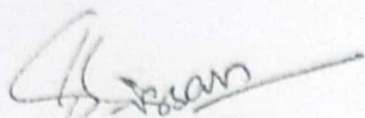
Tel. No.:

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 Devalpur (3rd Revised)" has been prepared on the basis of instruction provided by the Planning Commission for the preparation of PC-I for Social Sector projects.

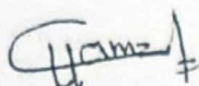
Prepared By:



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

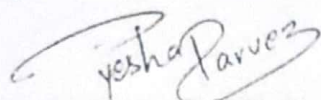


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Approved By:



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PRIMARY & SECONDARY HEALTHCARE DEPARTMENT, LAHORE
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