



PC-1

Revamping of THQ Hospital, Talagang District Chakwal

ORIGINAL APPROVED COST	PKR Million. 388.269/-
ORIGINAL APPROVED GESTATION	72 Months Till June 2025
APPROVAL FORUM	DDSC (DDSC)

1. NAME OF THE PROJECT

Revamping of THQ Hospital, Talagang District Chakwal

2. LOCATION OF THE PROJECT

2.1. DISTRICT(S)

I. CHAKWAL

2.2. TEHSIL(S)

I. TALAGANG

3. AUTHORITIES RESPONSIBLE FOR

3.1. SPONSORING AGENCY

- PRIMARY AND SECONDARY HEALTH CARE

3.2. EXECUTION AGENCY

- PRIMARY AND SECONDARY HEALTH CARE

3.3. OPERATIONS AND MAINTENANCE AGENCY

- PRIMARY AND SECONDARY HEALTH CARE

3.4. CONCERNED FEDERAL MINISTRY

- NATIONAL HEALTH SERVICES, REGULATIONS AND COORDINATION

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

4. PLAN PROVISION

Sr #	Description
1	Source of Funding: Scheme Listed in ADP CFY
2	GS No: 5258
3	Total Allocation: 0.000
4	Comments: Funded out of block provision reflected at G.S No.658 with an allocation of Rs. 1,800 million (Capital = Rs. 1.300 Million & Revenue = Rs. 500 Million).

5. PROJECT OBJECTIVES

attached

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

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

5.1 Background of Primary & Secondary Healthcare Department

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

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

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

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

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

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

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

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

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

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

5.3 Infrastructural Interventions

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

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

Major infrastructural interventions can be divided in the following four categories

5.3.1 External Development

5.3.2 Internal Development

5.3.3 Medical Infrastructure Development

5.3.4 Emergencies Development

5.3.1 External Development

5.3.1.1 External Platforms

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

5.3.1.2 Façade Improvement

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

5.3.1.3 Sewerage System

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

5.3.1.4 Landscaping (Horticulture)

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

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

5.3.1.5 Water Filtration Plant

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

5.3.1.6 External Electrification

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

5.3.1.7 Parking and Waiting area

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

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

5.3.1.8 External Signage

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

5.3.2 Internal development

5.3.2.1 Aesthetic improvement

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

5.3.2.2 Ramp and Stretcher improvement

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

5.3.2.3 Seamless flooring and Lead Lining

To keep high risk areas like Operation theaters, I.C.U, C.C.U, and Gynecology Operation Theater bacteria free is one of the basic medical practices. In the revamping program of hospitals low epoxy paint is proposed in these areas to provide seamless flooring so that the bacterial growth within the groves 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 inflectional 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 than diagnosed the medicine or either to admit it after his examination. In case of medicine he will be sent to hospital pharmacy where again the same ticket number will be displayed. There have to be an option available with the doctor to either redirect him to the hospital pharmacy or other (medical tests, referred to IPD). On displaying the same token number at pharmacy counter the patient will move to pharmacy counter along with his token number and registration slip and take prescribed medicine. Patient will be disposed from that window and process of QMS will be completed. There will be no entry in the basic registration software on the counters of triage, doctor at the moment. Detail of equipment is attached.

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

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

5.3.3.17 Electronic Medical Record (EMR)

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

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

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

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

5.3.3.18 Video Surveillance through CCTVs

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

5.3.3.19 Medicine Store

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

5.3.3.20 Day Care Center

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

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

5.4 Out Sourcing of Non Clinical Services

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

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

5.4.1 Janitorial services

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

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

5.4.2 Laundry Services

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

5.4.3 MEPG Services

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

5.4.4 CT Scan Services

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

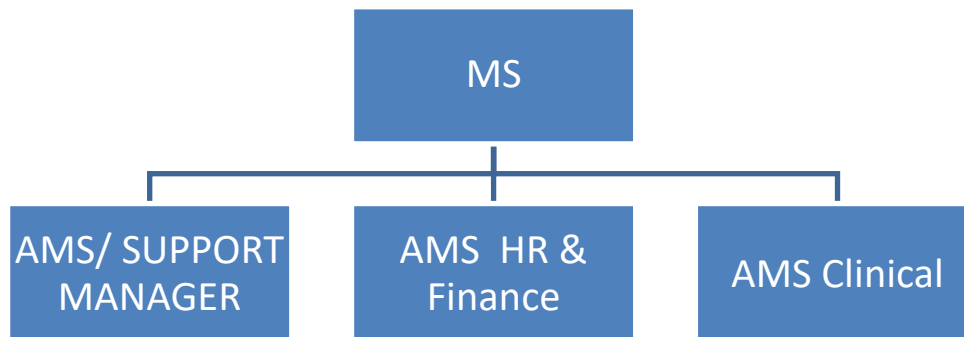
5.4.5 Security

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

5.6 HR & Management Interventions Structure

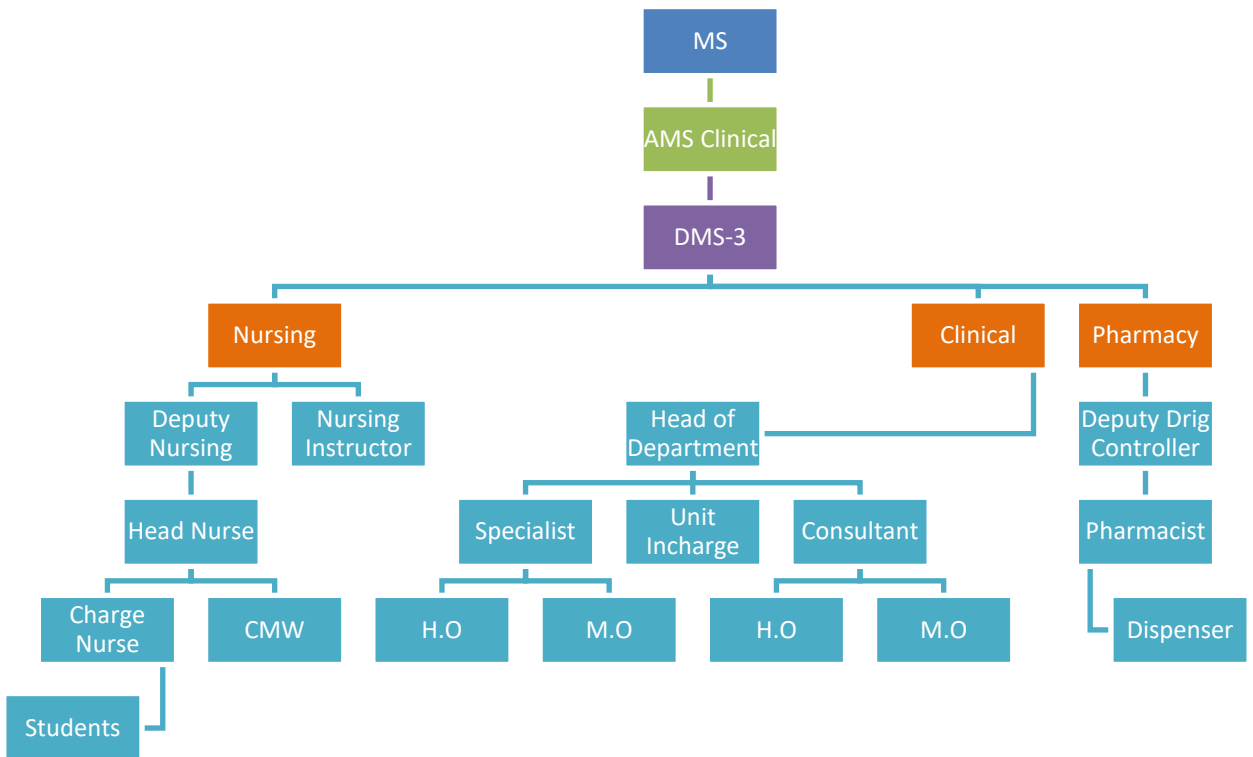
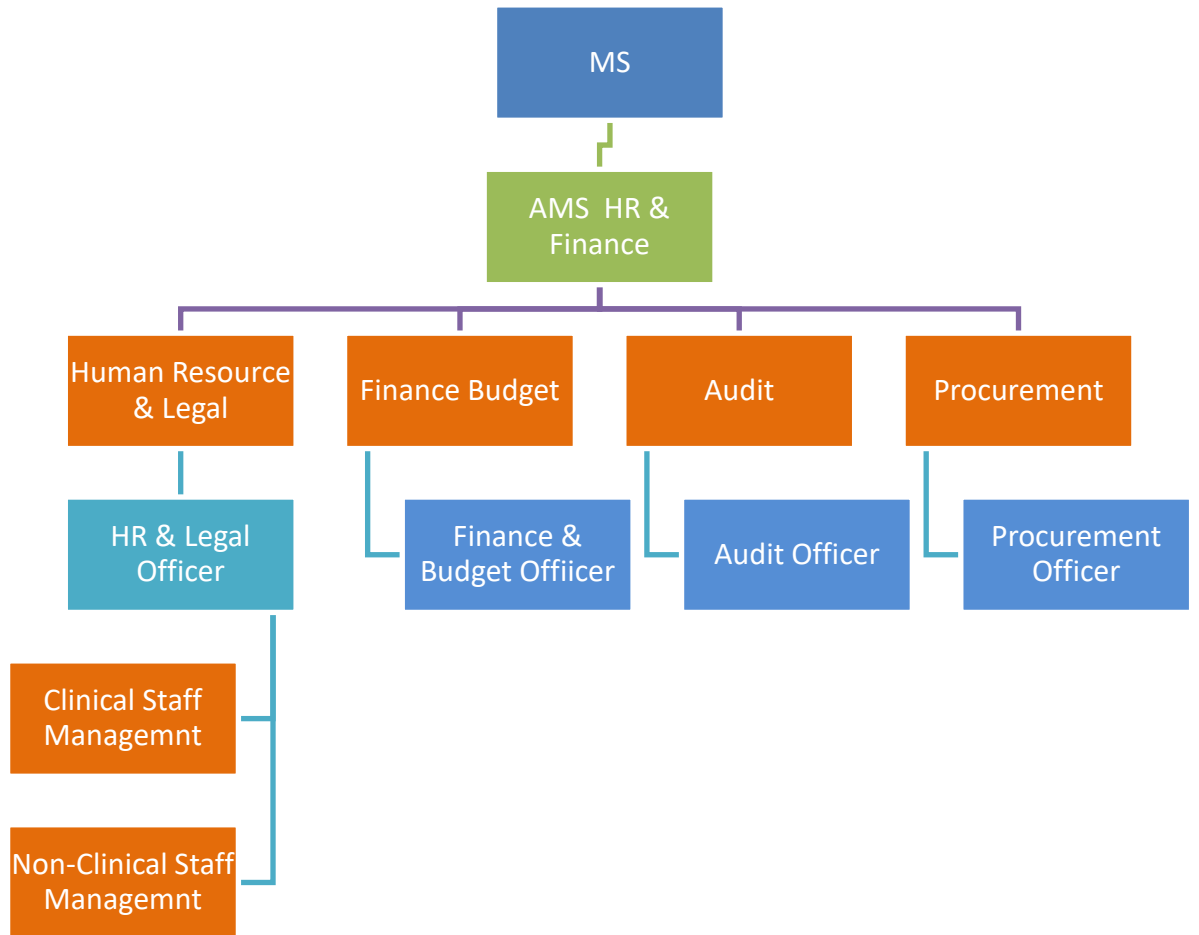
HR Interventions can be broadly classified into introduction of New Management Structure (NMS) staff.

New Organogram of Hospital



MS

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



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

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

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

5.6.2.1 Medical Superintendent

Shall be overall responsible for all the affairs of the Hospital

5.6.2.2 AMS Admin.

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

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

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

New Management Structure (NMS)

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

5.6.2.3 Admin Officer

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

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

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

Eligibility Criteria

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

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

5.6.2.4 Human Resource Officer

Shall be responsible for following:

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

Eligibility Criteria

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

5.6.2.5 IT/Statistical Officer

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

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

Eligibility Criteria

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

5.6.2.6 Finance & Budget Officer

Shall be responsible for following:

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

Eigibility Criteria

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

5.6.2.7 Procurement Officer

Shall be responsible for following functions:

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

Eigibility Criteria

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

5.6.2.8 Quality Assurance Officer

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

Eligible Criteria

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

OR

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

2. Minimum 1 Year post degree relevant experience.

5.6.2.9 Logistics Officer

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

Eligible Criteria

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

5.6.2.10 Data Entry Operators (DEO)

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

Eligible Criteria

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

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

5.6.2.11 Assistant Admin Officer

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

Eligibility Criteria

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

5.7 HR for QMS and MSDS and Day Care Center.

5.7.1.1 QMS Supervisor / Information Desk Officer

Shall be responsible whole QMS networking

Eligible Criteria

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

5.7.1.2 Computer Operators

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

Eligible Criteria

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

5.7.2 Consultants (MSDS) Implementation & Clinical Audit

Eligible Criteria

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

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

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

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

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

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

5.7.2.2 Objectives

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

5.7.2.3 Scope of Work

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

5.7.2.4 Reporting Arrangements

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

5.7.2.5 Duration of Assignment

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

5.7.2.6 Outputs / Key Deliverables

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

5.7.2.7 Remunerations

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

5.7.2.8 Terms of Payment

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

5.7.3 HR for Day Care Center

5.7.3.1 Manager Day Care Center (DCC)

Shall be responsible for general administrative affairs of DCC.

Eligibility Criteria

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

5.7.3.2 Montessori Trained Teacher

Shall be responsible for basic education of children.

Eligibility Criteria

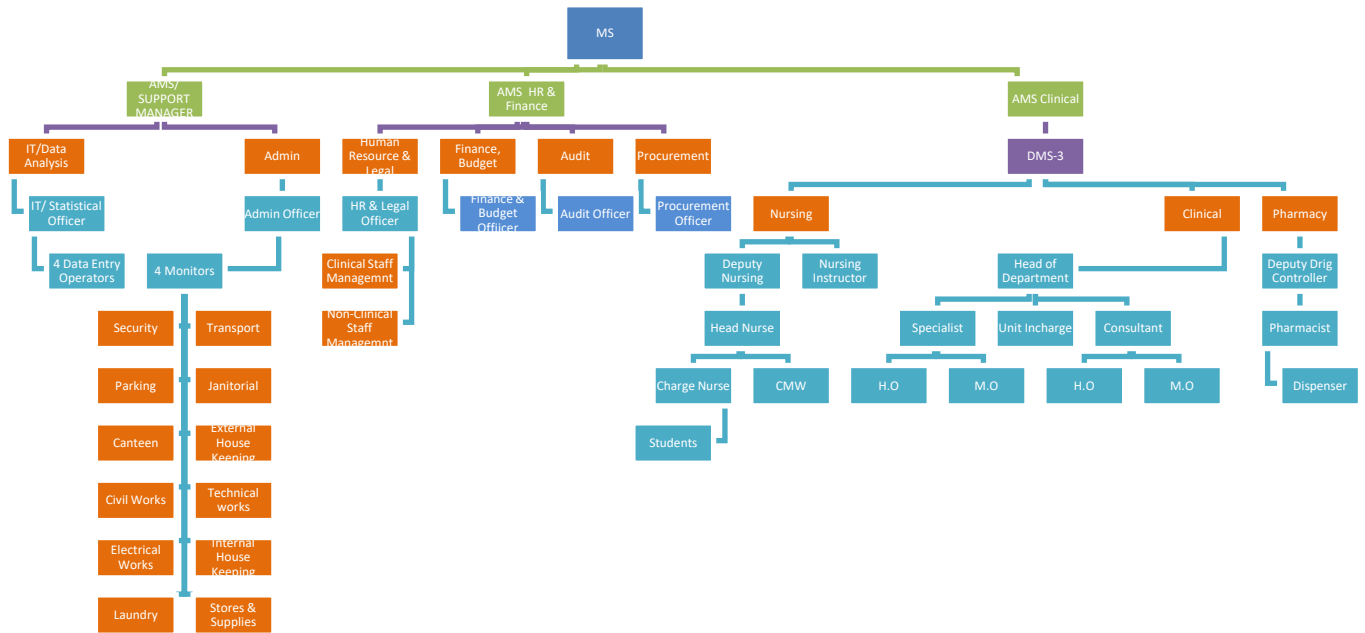
1. Minimum qualification BA/BSC or equivalent from HEC recognized University along with B.Ed.
2. Minimum 1 years post degree experience of teaching (Additional credit may be given for Public sector teaching of similar nature)

5.7.3.3 Attendant / Care Giver

Shall be responsible for special care of the children.

Eligibility Criteria

Minimum qualification Matric or equivalent alongwith diploma in relevant field



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

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

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

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

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

5.8 Other Initiatives:

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

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

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

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

5.9 Patient Management Protocol

5.9.1 Emergency:

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

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

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

5.9.2 O.P.D:

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

5.9.3 Death or End of Life Management.

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

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

5.9.4 Inventory Control System

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

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

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

5.9.5 Project Monitoring Committee

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

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

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

5.10 Relationship with Sectoral Objectives

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

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

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

6. DESCRIPTION AND JUSTIFICATION OF PROJECT

6.1 JUSTIFICATION OF PROJECT

attached

1. Description, Justification and Technical Parameters

The scheme has been estimated on face of the factual basic requirements and if needed, alterations and has been quoted in this PC-1. The Population of Tehsil Talagang District Chakwal is more than 0.573 million. The area of the THQ Hospital Talagang District Chakwal is 324,978 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 Talagang District Talagang

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

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

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

Justification for 3rd Revision of PC-I

1. Primary & Secondary Healthcare Department (P&SHD) made a decision to shift all the clerical posts in DHQ / THQ hospitals of Punjab to District Health Authorities as per notification dated 24th October, 2017. This administrative decision was taken due to a multiplicity of reasons which were adversely affecting healthcare service delivery in the hospitals. Primarily, these clerical posts were not specialized in any particular field, and therefore, the HR hired against these posts were generalized to the extent that they were not able to perform functions of Hospitals and Health Specific tasks that any medical administration should ideally perform. Additionally, public complaints against the clerical staff on issues such as behavior, performance created an environment of malfeasance in all hospitals. In place of the clerical positions, the Department introduced a New Management Structure (NMS), in all District and Tehsil Headquarters Hospitals. The officers/officials recruited as a part of the NMS have a minimum of 16 years of education. Introduction of New Management Structures (NMS) across all secondary hospitals in the Punjab, has allowed for the overall efficiency of District and Tehsil Headquarters Hospitals. In each Tehsil Headquarter Hospital HR under MNS has been provided for smooth running of the health services. Pay Package for NMS Staff was never been revised since 2017-18, therefore it was decided to approach the P&D Department for revision of Pay package. The PDWP approved revised pay page in its meeting held on 08-02-2022 based on PPS approved in 60th PDWP meeting as under: -

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

Data Entry Operator	PPS-3	35,000-55,000 (10% annual incr.)	35,000
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Now the Planning & Development Board vide letter No.12(24)PO(COORD-II)P&D/2022 dated 14-07-2022 has informed that revised standard pay package were discussed and approved by the 83rd PDWP meeting held on 28-06-2022 under the chairmanship of Chairman P&D Board for all ADP funded Project posts of Department /Organizations working in Government of the Punjab. Therefore, the revised Pay Package has been incorporated in the revised PC-I.

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

85 THQ Hospitals covered under the Program:

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

PROJECT MANAGEMENT UNIT
 PRIMARY & SECONDARY HEALTHCARE DEPARTMENT



LOCATION OF DHQ AND THQ HOSPITALS IN PUNJAB



6.2 SECTORAL SPECIFIC INFORMATION

Social Sectors, Health Department

7. CAPITAL COST ESTIMATES

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

Grant Number:Development - (PC22036)
LO NO:LO17011135
A/C To be Credited:Assan Assignment

PKR Million

S r #	Object Code	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024		2024-2025	
		Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign
1	A05270-To Others	0.000	0.000	0.000	0.000	0.000	0.000	160.568	0.000	50.000	0.000	50.000	0.000
Total		0.000	0.000	0.000	0.000	0.000	0.000	160.568	0.000	50.000	0.000	50.000	0.000

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

Grant Number:Government Buildings - (PC12042)
LO NO:LO21011481
A/C To be Credited:Account-I

PKR Million

S r #	Object Code	2019-2020		2020-2021		2021-2022		2022-2023		2023-2024		2024-2025	
		Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign
1	A12403-Other Buildings	0.000	0.000	0.000	0.000	0.000	0.000	57.701	0.000	35.000	0.000	35.000	0.000
Total		0.000	0.000	0.000	0.000	0.000	0.000	57.701	0.000	35.000	0.000	35.000	0.000

Abstract of Cost

Abstract of Cost												
Name of THQ Hospital	Revamping of THQ Hospital Talagang											
Scope of work	Cost in million											
	Original			1st Revised			2nd Revised			3rd Revised		
	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total
Capital component												
Internal Development	0.000	14.949	14.949	0.000	14.949	14.949	27.595	5.000	32.595	112.831	5.000	117.831
External Development	0.000	4.321	4.321	0.000	4.321	4.321	8.132	0.000	8.132	13.753	0.000	13.753
Water filtration plant	0.000	5.600	5.600	0.000	5.600	5.600	1.184	0.000	1.184	1.117	0.000	1.117
Total Capital Component	0.000	24.870	24.870	0.000	24.870	24.870	36.911	5.000	41.911	127.701	5.000	132.701
Emergency	0.000	19.082	19.082	0.000	19.082	19.082	0.000	26.043	26.043	0.000	44.465	44.465
MSDS	0.000	8.647	8.647	0.000	8.647	8.647	0.000	9.654	9.654	0.000	19.644	19.644
Med. Machinery and Equipment	0.000	49.075	49.075	0.000	49.075	49.075	0.000	65.177	65.177	0.000	70.873	70.873
Electricity	0.000	11.666	11.666	0.000	11.666	11.666	0.000	11.617	11.617	0.000	19.644	19.644
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	3.004	3.004	0.000	3.004	3.004	0.000	4.271	4.271	0.000	4.271	4.271
Day Care Center	0.000	1.600	1.600	0.000	1.600	1.600	0.000	1.600	1.600	0.000	1.600	1.600
Human resource (HR) plan	0.000	17.220	17.220	0.000	17.220	17.220	0.000	36.550	36.550	0.000	53.287	53.287
LC Deficit during procurement (currency fluctuation)								2.876	2.876		2.876	2.876
Total Revenue component	0.000	138.313	138.313	0.000	138.313	138.313	0.000	188.007	188.007	0.000	255.568	255.568
Outsourcing component												
Janitorial Services	0.000	13.595	13.595	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Security and Parking services	0.000	5.343	5.343	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Laundry Services	0.000	2.700	2.700	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maintenance (Generator)	0.000	2.095	2.095	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEP	0.000	3.685	3.685	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Medical Gases	0.000	1.304	1.304	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Cafeteria	0.000	6.743	6.743	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Horticulture services	0.000	4.332	4.332	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total outsourcing cost	0.000	39.797	39.797	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	0.000	202.980	202.980	0.000	163.183	163.183	36.911	193.007	229.918	127.701	260.568	388.269
Contingency (1%) only on Civil Component	0.000	0.249	0.249	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	2.030	2.030	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	2.030	2.030	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grand Total	0.000	207.288	207.288	0.000	163.183	163.183	36.911	193.007	229.918	127.701	260.568	388.269

Emergency Equipment															
Sr. No.	Area	ITEM DESCRIPTION	Yard Stick	Original			1st Revised			2nd Revised			3rd Revised		
				Required Quantity (T=4+S=0+E=5)	Actual Unit Price	Actual Total Cost(Rs)	Required Quantity (T=4+S=0+E=5)	Actual Unit Price	Actual Total Cost(Rs)	Required Quantity (T=4+S=0+E=5)	Actual Unit Price	Actual Total Cost(Rs)	Required Quantity (T=4+S=0+E=5)	Actual Unit Price	Actual Total Cost(Rs)
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	4	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	4	15,750	63,000	4	15,750	63,000	4	30,000	120,000	4	30,000	120,000
7		Gurney WITH FOOT STEP)*(N)	3	4	420,000	1,680,000	4	420,000	1,680,000	4	460,000	1,840,000	4	800,000	3,200,000
8		Mercury B.P apparatus*(N)	2	3	33,600	100,800	3	33,600	100,800	3	36,000	108,000	3	36,000	108,000
9		Laryngoscope paed's & adult each*(N)	2	3	10,500	31,500	3	10,500	31,500	3	12,000	36,000	3	20,000	60,000
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	3	125,265	375,795	3	125,265	375,795	3	215,000	645,000	3	300,000	900,000
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		GURNEYS*N	4		420,000	-		420,000	-		460,000	-		850,000	-
29	Constant / specialized care room	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	5	210,000	1,050,000	5	210,000	1,050,000	5	400,000	2,000,000	5	600,000	3,000,000
41	5	ECG machine(with trolley) *(N)	1	1	169,785	169,785	1	169,785	169,785	1	169,785	169,785	1	300,000	300,000
42	Emergency ward	Pulse- oximeter *(N)	6	5	104,000	520,000	5	104,000	520,000	5	160,000	800,000	5	225,000	1,125,000
43		Bedside-monitor*(N)	3	3	301,665	904,995	3	301,665	904,995	3	550,000	1,650,000	3	1,200,000	3,600,000
44		B.P apparatus wall type *(N)	6	5	26,250	131,250	5	26,250	131,250	5	30,000	150,000	5	30,000	150,000
45		Nebulizer HD *(N)	2	2	125,265	250,530	2	125,265	250,530	2	215,000	430,000	2	300,000	600,000
46		Resuscitation Trolley (fully equipped) *(N)	1	1	237,618	237,618	1	237,618	237,618	1	400,000	400,000	1	600,000	600,000
47		Defibrillator*N	1	1	299,153	299,153	1	299,153	299,153	1	650,000	650,000	1	800,000	800,000

Emergency Equipment

Sr.	Area	ITEM DESCRIPTION	Original			1st Revised			2nd Revised			3rd Revised			
			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
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		Wheal chairs *(N)	0	0	31,500	-	0	31,500	-	0	35,000	-	0	35,000	-
50		Stretcher *(N)	0	0	69,300	-	0	69,300	-	0	69,300	-	0	69,300	-
51		ambo bag paed with Mask*N	5	5	15,750	78,750	5	15,750	78,750	5	19,000	95,000	5	19,000	95,000
52	Generalized	ambo bag adult with Mask* N	5	5	15,750	78,750	5	15,750	78,750	5	19,000	95,000	5	19,500	97,500
53		patient stool * N	2	2	4,085	8,169	2	4,085	8,169	2	4,500	9,000	2	5,000	10,000
54		Portable x-rays (300 M.A)	1	1	3,450,350	3,450,350	1	3,450,350	3,450,350	1	4,300,000	4,300,000	1	9,800,000	9,800,000
55		Portable ultra-sound	1	1	1,403,325	1,403,325	1	1,403,325	1,403,325	1	1,500,000	1,500,000	1	2,400,000	2,400,000
		Total				19,082,330			19,082,330			26,043,235			44,465,200
						19.082			19.082			26.043			44.465

MSDS

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

MSDS

Sr. No.	ITEM DESCRIPTION	Original			1st Revised			2nd Revised			3rd Revised		
		Quantity Required	Actual Unit Price	Actual Total Cost(Rs)	Quantity Required	Actual Unit Price	Actual Total Cost(Rs)	Quantity Required	Actual Unit Price	Actual Total Cost(Rs)	Quantity Required	Actual Unit Price	Actual Total Cost(Rs)
49	Identification Bands	100	3	315	100	3	315	100	3	300	100	3	300
50	Wet Flooring Signages	0	431	-	0	431	-	0	550	-	0	750	-
51	Key Box	6	8,190	49,140	6	8,190	49,140	6	10,000	60,000	6	10,000	60,000
52	Dehumidifier	0	58,800	-	0	58,800	-	0	70,000	-	0	100,000	-
53	Tourniquet	4	840	3,360	4	840	3,360	4	850	3,400	4	1,500	6,000
54	LAB SAFETY BOX	2	3,150	6,300	2	3,150	6,300	2	4,000	8,000	2	4,000	8,000
55	densitometer	0	210,000	-	0	210,000	-	0	210,000	-	0	210,000	-
56	vending machine	0	630,000	-	0	630,000	-	0	630,000	-	0	630,000	-
57	Automatic shoe cover machine	2	296,100	592,200	2	296,100	592,200	2	332,500	665,000	2	332,500	665,000
58	Vein Finder	2	630,000	1,260,000	2	630,000	1,260,000	2	630,000	1,260,000	2	630,000	1,260,000
59	Blood Sample Vials (BOXES)	3	13	38	3	13	38	3	15	45	3	15	45
60	Bassinets	5	21,000	105,000	5	21,000	105,000	5	22,000	110,000	5	22,000	110,000
61	Chemical Spill Cleanup kit	2	100,000	200,000	2	100,000	200,000	2	100,000	200,000	2	100,000	200,000
62	Digital Temperature Humidity Guage	4	15,000	60,000	4	15,000	60,000	4	15,000	60,000	4	15,000	60,000
63	Bio Cleaning and Disinfection System	1	650,000	650,000	1	650,000	650,000	1	650,000	650,000	1	2,200,000	2,200,000
	Total			8,647,094			8,647,094			9,653,822			13,437,942
				8.647			8.647			9.654			13.438

Medical Equipment

Sr. No.	Area	Name of Equipment	Original					1st Revised					2nd Revised					3rd Revised				
			Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost
1	Laboratory	Semi Auto Clinical Chemistry Analyzer	1	0	1	449,295	449,295	1	0	1	449,295	449,295	1	0	1	550,000	550,000	1	0	1	219,300	219,300
2		Hematology Analyzer	1	0	1	427,350	427,350	1	0	1	427,350	427,350	1	0	1	550,000	550,000	1	0	1	750,000	750,000
3		Electrolyte Analyzer	1	0	1	427,350	427,350	1	0	1	427,350	427,350	1	0	1	550,000	550,000	1	0	1	550,000	550,000
4		Blood Gas Analyzer	0	0	0	2,744,858	-	0	0	0	2,744,858	-	0	0	0	3,200,000	-	0	0	0	1,400,000	-
5		Clinical Microscope	1	5	0	132,825	-	1	5	0	132,825	-	1	5	0	180,000	-	1	5	0	250,000	-
6		Water Bath	1	1	0	60,000	-	1	1	0	60,000	-	1	1	0	157,500	-	1	1	0	325,000	-
7		Hot air Oven	1	0	1	210,000	210,000	1	0	1	210,000	210,000	1	0	1	385,000	385,000	1	0	1	198,315	198,315
8		Distilled water plant	1	0	1	52,500	52,500	1	0	1	52,500	52,500	1	0	1	75,000	75,000	1	0	1	75,000	75,000
9		Auto pipettes	10	5	5	31,500	157,500	10	5	5	31,500	157,500	10	5	5	40,500	202,500	10	5	5	45,000	225,000
10		glass wares	0	0	0	105,000	-	0	0	0	105,000	-	0	0	0	105,000	-	0	0	0	105,000	-
11	Centrifuge Machine	2	0	2	149,336	298,673	2	0	2	149,336	298,673	2	0	2	250,000	500,000	2	0	2	250,000	500,000	
12	Static X-ray Machine	1	0	1	4,200,000	4,200,000	1	0	1	4,200,000	4,200,000	1	0	1	6,000,000	6,000,000	1	0	1	6,000,000	6,000,000	
13	Mobile X-Ray Machine	0	0	0	3,850,524	-	0	0	0	3,850,524	-	0	0	0	4,300,000	-	0	0	0	4,300,000	-	
14	Computerized Radiography System	0	0	0	4,018,245	-	0	0	0	4,018,245	-	0	0	0	4,500,000	-	0	0	0	4,500,000	-	
15	Dental X-Ray	0	1	0	282,975	-	0	1	0	282,975	-	0	1	0	350,000	-	0	1	0	525,000	-	
16	Lead apron and PPE	2	2	0	52,500	-	2	2	0	52,500	-	2	2	0	60,000	-	2	2	0	85,000	-	
17	Density meter personal (Add)	0	0	0	210,000	-	0	0	0	210,000	-	0	0	0	210,000	-	0	0	0	250,000	-	
18	Lead glass /shield	0	1	0	105,000	-	0	1	0	105,000	-	0	1	0	105,000	-	0	1	0	150,000	-	
19	Lead Walls	0	0	0	525,000	-	0	0	0	525,000	-	0	0	0	525,000	-	0	0	0	525,000	-	
20	Ultrasound	Portable/Mobile Ultrasound	0	0	0	1,371,331	-	0	0	0	1,371,331	-	0	0	0	1,500,000	-	0	0	0	2,400,000	-
21		Color Doppler RADIOLOGY	1	0	1	3,698,310	3,698,310	1	0	1	3,698,310	3,698,310	1	0	1	4,500,000	4,500,000	1	0	1	4,500,000	4,500,000
22	CCU	ICU MONITOR	2	0	2	301,665	603,330	2	0	2	301,665	603,330	2	0	2	900,000	1,800,000	2	0	2	1,250,000	2,500,000
23		Temporary pace maker	0	0	0	315,000	-	0	0	0	315,000	-	0	0	0	315,000	-	0	0	0	550,000	-
24		Defibrillator	1	0	1	299,153	299,153	1	0	1	299,153	299,153	1	0	1	650,000	650,000	1	0	1	800,000	800,000
25		ECG Machine Three Channel	2	3	0	169,785	-	2	3	0	169,785	-	2	3	0	169,785	-	2	3	0	169,785	-
26		ETT Machine	0	0	0	2,021,838	-	0	0	0	2,021,838	-	0	0	0	2,200,000	-	0	0	0	3,000,000	-
27		Color doplor CARDIOLOGY	0	0	0	4,681,790	-	0	0	0	4,681,790	-	0	0	0	4,800,000	-	0	0	0	6,000,000	-
28	Suction Pump	2	1	1	259,350	259,350	2	1	1	259,350	259,350	2	1	1	275,000	275,000	2	1	1	275,000	275,000	
29	Blood Bank	Blood Cabinet	1	0	1	690,539	690,539	1	0	1	690,539	690,539	1	0	1	700,000	700,000	1	0	1	700,000	700,000
30		Centrifuge Machine	2	0	2	149,336	298,673	2	0	2	149,336	298,673	2	0	2	250,000	500,000	2	0	2	250,000	500,000
31		Slide viewer	1	0	1	42,000	42,000	1	0	1	42,000	42,000	1	0	1	55,000	55,000	1	0	1	55,000	55,000
32		Clinical Microscope	1	0	1	132,825	132,825	1	0	1	132,825	132,825	1	0	1	180,000	180,000	1	0	1	250,000	250,000
33	Dialysis Unit (10 beds)	Computurized Hemo Dialysis Machine	5	0	5	1,050,000	5,250,000	5	0	5	1,050,000	5,250,000	5	0	5	1,600,000	8,000,000	5	0	5	2,200,000	11,000,000
34	Nursery	Baby Cot	10	4	6	14,669	88,011	10	4	6	14,669	88,011	10	4	6	16,000	96,000	10	4	6	12,699	76,194
35		Phototherapy Unit	2	0	2	130,200	260,400	2	0	2	130,200	260,400	2	0	2	655,000	1,310,000	2	0	2	655,000	1,310,000
36		Infant Warmer	2	2	0	335,638	-	2	2	0	335,638	-	2	2	0	985,000	-	2	2	0	985,000	-
37		Pulse Oximeter	6	1	5	104,500	522,500	6	1	5	104,500	522,500	6	1	5	160,000	800,000	6	1	5	160,000	800,000
38		Infant Incubator	2	2	0	858,932	-	2	2	0	858,932	-	2	2	0	900,000	-	2	2	0	900,000	-
39		Suction Pump	1	1	1	259,350	259,350	1	1	1	259,350	259,350	1	1	1	275,000	275,000	1	1	1	275,000	275,000
40		Hospital Grade Nebulizer Heavy Duty	2	1	1	125,265	125,265	2	1	1	125,265	125,265	2	1	1	215,000	215,000	2	1	1	300,000	300,000
41		Anesthesia Machine with Ventilator	1	2	0	2,509,554	-	1	2	0	2,509,554	-	1	2	0	3,000,000	-	1	2	0	3,000,000	-
42	BED SIDE PATIENT MONITOR	2	1	1	441,000	441,000	2	1	1	441,000	441,000	2	1	1	550,000	550,000	2	1	1	550,000	550,000	
43	Defibrillator	2	1	1	308,713	308,713	2	1	1	308,713	308,713	2	1	1	650,000	650,000	2	1	1	800,000	800,000	
44	O.T (04)	Electrosurgical Unit	1	2	0	507,530	-	1	2	0	507,530	-	1	2	0	700,000	-	1	2	0	700,000	-
45		Operation Table	1	3	0	1,426,215	-	1	3	0	1,426,215	-	1	3	0	2,000,000	-	1	3	0	2,000,000	-
46		Ceiling Operating Light	1	2	0	413,013	-	1	2	0	413,013	-	1	2	0	800,000	-	1	2	0	800,000	-
47		STEAM STERILIZER	1	2	0	3,465,000	-	1	2	0	3,465,000	-	1	2	0	4,000,000	-	1	2	0	4,000,000	-
48		Suction Pump	2	2	2	259,350	518,700	2	2	2	259,350	518,700	2	2	2	275,000	550,000	2	2	2	275,000	550,000
49		Resuscitation trolley With Crash Cart	2	1	1	244,733	244,733	2	1	1	244,733	244,733	2	1	1	400,000	400,000	2	1	1	400,000	400,000
50		mayo table	4	0	4	21,000	84,000	4	0	4	21,000	84,000	4	0	4	23,000	92,000	4	0	4	13,488	53,952
51		MOBILE OPERATING LIGHT	1	1	0	304,220	-	1	1	0	304,220	-	1	1	0	400,000	-	1	1	0	500,000	-
52		Operation Table	0	0	0	1,426,215	-	0	0	0	1,426,215	-	0	0	0	2,000,000	-	0	0	0	5,000,000	-
53		ORTHOPEDIC DRILL	0	0	0	1,108,740	-	0	0	0	1,108,740	-	0	0	0	1,500,000	-	0	0	0	4,000,000	-
54	Orthopedic	Plaster Cutting Pneumatic	1	1	0	276,250	-	1	1	0	276,250	-	1	1	0	450,000	-	1	1	0	450,000	-
55		Pneumatic Tourniquets	0	0	0	262,500	-	0	0	0	262,500	-	0	0	0	262,500	-	0	0	0	300,000	-
56		Orthopedic Instruments	0	1	0	432,623	-	0	1	0	432,623	-	0	1	0	550,000	-	0	1	0	550,000	-
57		Portable/Mobile Ultrasound	1	3	0	1,418,958	-	1	3	0	1,418,958	-	1	3	0	1,500,000	-	1	3	0	1,500,000	-
58		Autoclave	1	1	0	441,000	-	1	1	0	441,000	-	1	1	0	550,000	-	1	1	0	550,000	-
59		Delivery Set	10	2	8	31,500	252,000	10	2	8	31,500	252,000	10	2	8	40,000	320,000	10	2	8	16,277	130,216
60	Delivery Table	2	2	0	47,250	-	2	2	0	47,250	-	2	2	0	47,250	-	2	2	0	37,332	-	

Electricity

Sr. No.	Item Name	Original			1st Revised			2nd Revised			3rd Revised		
		Quantity	Per Unit Cost	Total Cost	Quantity	Per Unit Cost	Total Cost	Quantity	Per Unit Cost	Total Cost	Quantity	Per Unit Cost	Total Cost
1	Transformers (200 KVA)	1	600,000	600,000	1	600,000	600,000	1	600,000	600,000	2	1,600,000	3,200,000
2	Transformers (100 KVA)	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)	0	4,000,000	-	0	4,000,000	-	0	4,000,000	-	0	4,000,000	-
5	Generator (100 KVA)	1	2,300,000	2,300,000	1	2,300,000	2,300,000	1	2,300,000	2,300,000	1	2,300,000	2,300,000
6	2 Ton air conditioners (split)	24	55,500	1,332,000	24	55,500	1,332,000	24	55,500	1,332,000	24	139,150	3,339,600
7	2 Ton air conditioners (Cabinet)	17	78,000	1,326,000	17	78,000	1,326,000	17	78,000	1,326,000	17	187,200	3,182,400
8	4 Ton air conditioners (Cabinet)	5	120,000	600,000	5	120,000	600,000	5	120,000	600,000	5	353,899	1,769,495
9	Ceiling Fans 56"	50	3,090	154,500	50	3,090	154,500	50	3,090	154,500	50	6,975	348,750
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"	60	3,280	196,800	60	3,280	196,800	60	3,280	196,800	60	6,600	396,000
12	Dual Connection of Electricity / Express Line	1	5,048,950	5,048,950	1	5,048,950	5,048,950	1	5,000,000	5,000,000	1	5,000,000	5,000,000
	Total			11,666,250			11,666,250			11,617,300			19,644,245
				11.666			11.666			11.617			19.644

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		13,503,500		18,787,500	
				13.504		13.504		13.504		13.504		18.788	

Signage and plaques

Sr No	Type	Kinds of Sign Boards	Original			1st Revised			2nd Revised			3rd Revised		
			Quantity	Rates	Cost	Quantity	Rates	Cost	Quantity	Rates	Cost	Quantity	Rates	Cost
		External Sign Boards												
1	A1	External Platform/Road Signage (Circular)	6	9,812	58,872	6	9,812	58,872	6	13,951	83,706	6	13,951	83,706
2	A2	External Platform/Road Signage (Triangular)	6	8,976	53,856	6	8,976	53,856	6	12,762	76,574	6	12,762	76,574
3	B1	Main Directional Board	1	109,087	109,087	1	109,087	109,087	1	155,107	155,107	1	155,107	155,107
4	C1	Directional Board (Single Sheet)	10	14,016	140,160	10	14,016	140,160	10	19,929	199,290	10	19,929	199,290
5	C2	Directional Board (Two Sheets)	1	21,813	21,813	1	21,813	21,813	1	31,016	31,016	1	31,016	31,016
6	C3	Directional Board (Three Sheets)	1	29,244	29,244	1	29,244	29,244	1	41,581	41,581	1	41,581	41,581
7	C4	Directional Board (Four Sheets)	1	36,114	36,114	1	36,114	36,114	1	51,351	51,351	1	51,351	51,351
8	C5	Directional Board (Five Sheets)	1	43,858	43,858	1	43,858	43,858	1	62,360	62,360	1	62,360	62,360
9	C6	Directional Board (Six Sheets)	1	51,207	51,207	1	51,207	51,207	1	72,810	72,810	1	72,810	72,810
10	C7	Additional Panel (For Fixation on existing Foundation & Posts)	3	7,703	23,109	3	7,703	23,109	3	10,952	32,857	3	10,952	32,857
11	D1	Departmental Signage on Building	6	45,776	274,656	6	45,776	274,656	6	65,087	390,524	6	65,087	390,524
12	E1	External Map Boards	2	39,939	79,878	2	39,939	79,878	2	56,788	113,576	2	56,788	113,576
		Internal Signage	0		-	0		-	0		-	0		-
1	F1	Internal Hanging Signage (Main Entrance)	5	88,119	440,595	5	88,119	440,595	5	125,294	626,472	5	125,294	626,472
2	F2	Internal Hanging Signage (Main Entrance 2)	5	67,092	335,460	5	67,092	335,460	5	95,396	476,980	5	95,396	476,980
3	F3	Internal Hanging Signage (Corridor)	4	49,689	198,756	4	49,689	198,756	4	70,651	282,604	4	70,651	282,604
4	F4	Internal Hanging Signage (Corridor 2)	4	50,265	201,060	4	50,265	201,060	4	71,470	285,880	4	71,470	285,880
5	G1	Internal Department Signage on wall	7	12,709	88,963	7	12,709	88,963	7	18,071	126,498	7	18,071	126,498
6	H1	Specialist Name Plaques fixed on wall	20	3,653	73,060	20	3,653	73,060	20	5,194	103,880	20	5,194	103,880
7	J1	Room Name Plaques and Numbers fixed on wall	100	840	84,000	100	840	84,000	100	1,194	119,420	100	1,194	119,420
8	K1	Internal Wall Signage	100	1,380	138,000	100	1,380	138,000	100	1,961	196,140	100	1,961	196,140
9	L1	Room Numbers Fixed on Wall	50	3,501	175,050	50	3,501	175,050	50	4,978	248,920	50	4,978	248,920
10	M1	Advance Fire Exit Sign	10	1,782	17,820	10	1,782	17,820	10	2,534	25,340	10	2,534	25,340
11	M2	Fire Exit Sign Mounted Above the Door	10	1,233	12,330	10	1,233	12,330	10	1,753	17,528	10	1,753	17,528
12	N1	Fire Safety/Equipment Signage	20	2,361	47,220	20	2,361	47,220	20	3,357	67,144	20	3,357	67,144
13	P1	Floor Map Board	5	20,449	102,245	5	20,449	102,245	5	29,075	145,376	5	29,075	145,376
14	Q1	Caution Signage	25	2,107	52,675	25	2,107	52,675	25	2,996	74,900	25	2,996	74,900
15	Q2	Caution Signage	5	634	3,170	5	634	3,170	5	902	4,508	5	902	4,508
16	Q3	Caution Signage	10	1,109	11,090	10	1,109	11,090	10	1,576	15,764	10	1,576	15,764
17	Q4	Caution Signage	15	861	12,915	15	861	12,915	15	1,225	18,375	15	1,225	18,375
		Total			2,916,263			2,916,263			4,146,482			4,146,482
		Designing and Site Supervision			87,488			87,488			124,394			124,394
		Grand Total			3,003,751			3,003,751			4,270,877			4,270,877
					3.004			3.004			4.271			4.271

DAY CARE CENTER

Yard Stick as per Women Development Department

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

DAY CARE CENTER

Yard Stick as per Women Development Department

Sr. No.	ITEMS	Original			1st Revised			2nd Revised			3rd Revised		
		Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total
52	Soft toys	2	700	1,400	2	700	1,400	2	700	1,400	2	700	1,400
53	Infants Manual Weight Machine	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000
54	Toddlers Manual Weight Machine	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000
55	Tri Cycles	4	3,500	14,000	4	3,500	14,000	4	3,500	14,000	4	3,500	14,000
56	Wooden Cots	10	10,000	100,000	10	10,000	100,000	10	10,000	100,000	10	10,000	100,000
57	Mattresses for Cots	10	1,200	12,000	10	1,200	12,000	10	1,200	12,000	10	1,200	12,000
58	Pillows	10	300	3,000	10	300	3,000	10	300	3,000	10	300	3,000
59	Bed Sheets and pillow covers	20	400	8,000	20	400	8,000	20	400	8,000	20	400	8,000
60	Nets	10	600	6,000	10	600	6,000	10	600	6,000	10	600	6,000
61	High Chairs for feeding	15	3,000	45,000	15	3,000	45,000	15	3,000	45,000	15	3,000	45,000
62	Rockers Cum Bouncer	8	2,500	20,000	8	2,500	20,000	8	2,500	20,000	8	2,500	20,000
63	Cot Mobile	10	1,500	15,000	10	1,500	15,000	10	1,500	15,000	10	1,500	15,000
64	Plastic Chairs (Round edges Animal Shapes)	7	600	4,200	7	600	4,200	7	600	4,200	7	600	4,200
65	Multi-Purpose Table	2	3,000	6,000	2	3,000	6,000	2	3,000	6,000	2	3,000	6,000
66	Writing Board	1	500	500	1	500	500	1	500	500	1	500	500
67	Electric Sterilizer	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
68	Electric Warmer	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
69	Table sets	2	4,000	8,000	2	4,000	8,000	2	4,000	8,000	2	4,000	8,000
70	Rocker	6	3,200	19,200	6	3,200	19,200	6	3,200	19,200	6	3,200	19,200
71	Activity Gym (Infants)	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000
72	Play Gym	5	2,700	13,500	5	2,700	13,500	5	2,700	13,500	5	2,700	13,500
73	Activity Gym (Toddlers)	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000
74	Toiler Training Seat	10	3,000	30,000	10	3,000	30,000	10	3,000	30,000	10	3,000	30,000
75	Infant Toys	30	4,000	120,000	30	4,000	120,000	30	4,000	120,000	30	4,000	120,000
76	Bath Toys	15	1,000	15,000	15	1,000	15,000	15	1,000	15,000	15	1,000	15,000
77	Fun Links Teether	15	300	4,500	15	300	4,500	15	300	4,500	15	300	4,500
78	Fun Pal Teether	15	500	7,500	15	500	7,500	15	500	7,500	15	500	7,500
79	Fun Rattle	15	400	6,000	15	400	6,000	15	400	6,000	15	400	6,000
80	Mother feeding Chair	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000
81	Soft Books (duplication)	20	500	10,000	20	500	10,000	20	500	10,000	20	500	10,000
82	Bottle Brushes	3	300	900	3	300	900	3	300	900	3	300	900
List of others Items i.e. Kitchen, Office, Electric items				-			-			-			-
1	Water Dispenser	1	14,000	14,000	1	14,000	14,000	1	14,000	14,000	1	14,000	14,000
2	Microwave Oven	1	12,400	12,400	1	12,400	12,400	1	12,400	12,400	1	12,400	12,400
3	Fridge	1	34,000	34,000	1	34,000	34,000	1	34,000	34,000	1	34,000	34,000
4	Kitchen Accessories / Cutleries etc.	24	200	4,800	24	200	4,800	24	200	4,800	24	200	4,800
5	Sofa Set	1	40,000	40,000	1	40,000	40,000	1	40,000	40,000	1	40,000	40,000
6	Office Table	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000
7	Office Chairs	5	10,000	50,000	5	10,000	50,000	5	10,000	50,000	5	10,000	50,000
8	Air Conditioner	2	42,000	84,000	2	42,000	84,000	2	42,000	84,000	2	42,000	84,000
9	LCD	1	27,000	27,000	1	27,000	27,000	1	27,000	27,000	1	27,000	27,000
10	DVD player	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000
11	CCTV Cameras	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000
12	Fire Alarms	3	5,000	15,000	3	5,000	15,000	3	5,000	15,000	3	5,000	15,000
13	UPS	1	10,000	10,000	1	10,000	10,000	1	10,000	10,000	1	10,000	10,000
14	Vacuum Cleaner	1	7,000	7,000	1	7,000	7,000	1	7,000	7,000	1	7,000	7,000
15	Fire Extinguishers (Large)	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
16	Electric Insect Killer	2	7,800	15,600	2	7,800	15,600	2	7,800	15,600	2	7,800	15,600
17	Electric Hand Dryer	1	4,000	4,000	1	4,000	4,000	1	4,000	4,000	1	4,000	4,000
18	Electric Heater	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
19	Ceiling/bracket Fans	4	8,000	32,000	4	8,000	32,000	4	8,000	32,000	4	8,000	32,000
20	Curtains	2	45,000	90,000	2	45,000	90,000	2	45,000	90,000	2	45,000	90,000
21	Carpets	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000

DAY CARE CENTER

Yard Stick as per Women Dvelopment Department

Sr. No.	ITEMS	Original			1st Revised			2nd Revised			3rd Revised		
		Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total
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 OPERAOTOR (DEO)	2	25,000	50,000	600,000	2	25,000	50,000	600,000	2	35,000	70,000	1,680,000	2	3	44,000	88,000	2,728,000
9	ASSISTANT ADMIN OFFICER	2	40,000	80,000	960,000	2	40,000	80,000	960,000	2	50,000	100,000	2,400,000	2	5	70,000	140,000	4,340,000
10	HR FOR QMS and MSDS and Day Care Center																	
11	QMS Supervisor / Information Desk Officer	2	25,000	50,000	600,000	2	25,000	50,000	600,000	2	25,000	50,000	600,000	2		25,000	50,000	600,000
12	Computer Operator	8	20,000	160,000	1,920,000	8	20,000	160,000	1,920,000	8	20,000	160,000	1,920,000	8		20,000	160,000	1,920,000
13	Consultants (MSDS) Implementation & Clinical Audit	1	100,000	100,000	1,200,000	1	100,000	100,000	1,200,000	1	100,000	100,000	1,200,000	1		100,000	100,000	1,200,000
14	Training on MSDS Compliance for Staff of THQ Hospital	1000	4,000	4,000,000	4,000,000	1000	4,000	4,000,000	4,000,000	1000	4,000	4,000,000	4,000,000	1000		4,000	4,000,000	4,000,000
15	Rent for Vehicle				500,000				500,000				500,000				0	500,000
16	Manager Day Care Center	1	45,000	45,000	540,000	1	45,000	45,000	540,000	1	45,000	45,000	540,000	1		45,000	45,000	540,000
17	Montessori Trained Teacher	1	35,000	35,000	420,000	1	35,000	35,000	420,000	1	35,000	35,000	420,000	1		35,000	35,000	420,000
18	Attendant / Care Giver	4	25,000	100,000	1,200,000	4	25,000	100,000	1,200,000	4	25,000	100,000	1,200,000	4		25,000	100,000	1,200,000
19	Office Boy	1	20,000	20,000	240,000	1	20,000	20,000	240,000	1	20,000	20,000	240,000	1		20,000	20,000	240,000
	Sub Total of HR Model			4,860,000	17,220,000			4,860,000	17,220,000			5,040,000	28,140,000				5,273,000	40,473,000
					17,220				17,220				28,140					40,473
	Utilization of HR Component								8.410				12.81					
	Total of HR Component												36.55					53.287

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	23,849	sft		
Covered area assigned to one sweeper	7,500	sft		
Number of sweepers required for covered area	3	Persons		
Road and ROW area	100,433	sft		
Road and ROW assigned to one sweeper	15,000	sft		
Number of sweepers required for road and ROW area	7	Persons		
Number of washroom blocks	9	blocks		
Number of washroom block assigned to one sweeper	3	Persons		
Number of sweepers required for total washroom blocks	3	Persons		
Total sweeper in morning shift	13	Persons		
Total number of sweepers in evening shift	4	Persons		
Total number of sweepers in night shift	7	Persons		
Total number of sweepers in all shifts	27	Persons		
Number of sewer men required	3	Persons		
Number of supervisors	3	Persons		
Salary component				
Type of worker	No of workers	Salary per month		Salary for One Year
Sweepers / Janitors	27	22,000	7,067,227	
Sewer men	3	22,000	792,000	
Supervisors	3	26,000	936,000	
Cost of Supply per Month		400,000	4,800,000	
Sub Total (Salary component)			13,595,227	
			13,595	

Security and Parking

		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 residences	23,849					
Covered Area per guard	15,000					
Number of guards	2					
Open area excluding parking area	100,433					
Area covered per guard per shift for open area excluding parking	15,000					
Number of guards for total area excluding parking area	7					
Number of gates	3					
Number of guards at gates	6					
Total No of Guard	14					
Total number of all guards for second shift	7					
Lady Searcher	2					
Number of parking areas	1					
Number of guards for parking lot per shift (Morning+ Evening)	10					
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	6	21,525	129,150	1,549,800		
Civilian	9	21,000	189,000	2,268,000		
Lady Searcher	2	21,525	43,050	516,600		
Parking	2	21,525	43,050	516,600		
Sub total				5,443,200		
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				5,343,200		
				5.343		

Laundry Services

	Original		From 1st Revised to onward
Number of beds	50		
Type of Item	No of Beds	Per bed cost per year	Total Cost
No of Bed	50	30,000	1,500,000
Transport Charges			1,200,000
Total for laundry items			2,700,000
Total			2.700

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

Maintenance of Generator

	Original			From 1st Revised to onward
Item Name	Quantity	Cost per year	Total Cost	
Periodical Maintenance Cost				In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under: "It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY". In view of above, Outsourcing cost has been excluded from this PC-I.
Number of Generators (200 KVA)	-	500,000	-	
Number of Generators (100 KVA)	1	300,000	300,000	
Number of Generators (50 KVA)	1	175,000	175,000	
Repairs Cost	1	300,000	300,000	
HR Cost				
Supervisor	1	40,000	240,000	
Generator Operator	3	30,000	1,080,000	
Technical Staff/Mechanic	-	30,000	-	
Total			2,095,000	
			2.095	

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		
Supervisors	1	56,420	56,420	677,040	<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 style="text-align: center;">In view of above, Outsourcing cost has been excluded from this PC-I.</p>	
Plumber	1	32,550	32,550	390,600		
AC/ Technician	1	34,720	34,720	416,640		
Electrician	2	31,465	62,930	755,160		
Car painter	1	30,380	30,380	364,560		
Total (Salary component)			217,000	2,604,000		
	No.	Per Unit Cost per Year	Cost per Year for all Items	Cost for One Year		
A/C	66	6,665	439,890	439,890		
Fridge	5	4,000	20,000	20,000		
UPS	12	8,000	96,000	96,000		
Water Cooler	15	4,000	60,000	60,000		
Exhaust	7	3,000	21,000	21,000		
Geysar	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				1,080,890		
General Total				3,684,890		
				3.685		

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

1.304

Cafeteria

Pre-Fabrication Cateen (Procurement)

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

Cafeteria

Pre-Fabrication Cateen (Procurement)

		Original		From 1st Revised to onward
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	6,238	20	124,760
1.2	STONE / PEBBLES				
	Supply and laying a layer of pebbles/stone at specified locations with Landscape base as in Landscape Design approved by the Engineer.	Truck	2	34,375	68,750
1.3	GRASSING				
a	GRASSING (EXISTING NON MAINTANE LAWNS)				
	Providing and dibbing of Fine Dacca grass where required, including mud filling/leveling and contour shape preparation confirming to the criteria outlined in the Specifications, complete in all respects as per Drawings, Specifications and as approved by the Engineer.	Sft	22,760	7	159,320
b	GRASSING (NEW LAWNS)				
	Providing and dibbing of Fine Dacca grass, including mud filling/leveling and contour shape preparation confirming to the criteria outlined in the Specifications, complete in all respects as per Drawings, Specifications and as approved by the Engineer.	Sft	3,591	11.25	40,399
1.4	TREE / SHRUBS (SPREADING)				
	Providing and planting tree / shrub as listed and as arrangement and type shown in the Drawings, in pits of size 305mm x 305mm x 305mm. Dug in improved soil 610mm. deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer.				
a	Trees 18" pot 6'-7" - Terminally, Cassia Fistula, Bauhinia Variegated, Alstonia Choirs, Ficus Yellow, Ficus Black, Jacaranda, Pilken, Mangifera etc.	No's	77	1,500	115,500
b	Trees 12" pot 3'-4" - Polyalthia Long folia, Terminally, Cassia Fistula, Bauhinia Variegated, Latonia Choirs, Delonix Regia, Ficus Yellow, Focus Black, fichus Starlight, Melaluca, Minuspps, Pine, Ficus Amestel, Pilken, Palms etc.	No's	20	270	5,400
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	-	-	-
1.5	Shrubs and Ornamental Plants 10" pot Pittosporum Variegated, Murray Small, Ixora Coccinea, Juniper Variegated, Hibiscus Variegated, Carronda Dwarf Spp, Jasmine Sambac(Mottya), Leucophyllum Frutescens(Silvery), Rose, Nerium, Lantana, Canna, Asparagress, Conocarpus, Acalypha, Callistemon Dwarf, Cestrum, Thabernaemontara Variegated etc.	No's	6,500	69	448,500

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

LANDSCAPE DEVELOPMENT WORKS					
COST ESTIMATE					
		Original			From 1st Revised to onward
a	Shrubs and Ornamental Plants 12" pot Pittosporum Variegated, Ixora Cochineal, Juniper Variegated, Carronade Dwarf, Jasmine Thai, Plumier Robar, Cassia Malacca, Largest mea, Euphorbia, Jestropha Thai etc	No's	1,050	195	204,750
1.6	GROUND COVERS Providing and planting ground covers as listed and as arrangement and type shown in the Drawings, in pits of size 150mm x 150mm x 150mm. Dug in improved soil 610mm deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer.				
	Ground Cover Plastic Bag Plants Alternant Hera, Dianella, Iresine (Red), Hemercollis(Dayily), Duranta etc	No's	7,500	12	90,000
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	10	3,675	36,750
b	Palm 18" pot - Phoenix Palm, Cyrus Palm	No's	30	1,800	54,000
1.8	CREEPERS Providing and planting Creepers as listed and as arrangement and type shown in the Drawings, in pits of size 305mm x 305mm x 305mm. Dug in improved soil 610mm. deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer .				
	Creepers 12" Pot - Bougainvillea, Bonsai, Qusqualus, Bombay Creeper etc.	No's	100	195	19,500
2	HARD LANDSCAPE				
2.1	WALK WAYS Excavation of walkways and edging including brick ballast under 12"X14" curb stones fixing with1:2:4 PCC, supply of 7000PSI tuff tiles 60mmas per approved design fixing on 4" brick ballast compacted and grouting with sand.	Sft	2500	150	375,000
2.2	BENCHES Concrete Bench 5' wide complete in all respects and to the satisfaction of Engineer as per approved design.	No's	12	12,562	150,744
2.3	DUSTBINS Complete in all respects and to the satisfaction of Engineer as per approved design.	No's	8	23,675	189,400
2.4	PLAYING EQUIPMENTS Complete in all respects and to the satisfaction of Engineer as per approved design.	No's	1	465,760	465,760
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	3,850	30,800
2.6	WATER POINTS (Injector Pump 1HP) Complete in all respects and to the satisfaction of Engineer as per approved design.	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	65,112	7.50	488,340
4	CONSTRUCTION OF PLANTERS				

LANDSCAPE DEVELOPMENT WORKS					
COST ESTIMATE					
		Original			From 1st Revised to onward
4.1	Large Size with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	100	550	55,000
4.2	Medium Size with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	390	550	214,500
4.3	Small Size with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	120	550	66,000
5	GAZEEBO Construction of Gazebo 12' X 12' with top fiberglass 3 layer canopy as per approved design and to the satisfaction of Engineer.	No's	1	200,000	200,000
Total Amount of - Landscaping					3,648,173
PRA(16%)					583,708
Design Consultancy					100,000
Grand Total					4,331,880
					4.332

DESIGN AND SCOPE:-

In this estimate the following provisions have been made:-

A. CLINICAL BUILDING

1. Revamping of Main Building
2. Additional provisions
 - i. Provision of Street lights
 - ii. Provision of Glow Electric Sign Board
 - iii. Provision of Tuff Paver
 - iv. Provision of P.C.C Path
 - v. Re-Construction / Repair of Boundary Wall
 - vi. Provision of water treatment Plant
 - vii. Revamping of Sewerage line

B. REVAMPING OF RESIDENCES

- i. Revamping of Residences 2450 Sft = 02 Nos
- ii. Revamping of Residences 1650 Sft = 04 Nos
- iii. Revamping of Residences 1250 Sft = 02 Nos
- iv. Revamping of Residences 1000 Sft = 04 Nos
- v. Revamping of Residences 606 Sft = 10 Nos
- vi. Revamping of Residences 404 Sft = 12 Nos
- vii. Revamping of Water Supply System = 01 Job
- viii. Revamping of Sewerage System = 01 Job
- ix. Revamping of Boundary Wall

CARRYING OUT OF WORK:-

The work will be executed out through approved contractors of Buildings Department after calling for competitive tendering as usual.

SPECIFICATIONS:-

The work will be executed according to the Buildings Department specifications and to the entire satisfaction of Engineer In charge.

RATES:-

(i) Work already allotted

This estimate has been prepared on basis of MRS 2nd BI-annual 2021 for the period from 1st July 2021 to 31st December 2021. Some reasonable prevailing market rates have also been adopted in this estimate.

(ii) Work yet to be allotted


This estimate has been prepared on basis of MRS 2nd BI annual 2022 for the period from 1st July 2022 to 31st December 2022. Some reasonable prevailing market rates have also been adopted in this estimate.

COST:-

Total cost of this estimate comes to ~~Rs 128.811~~ ^{128.049} _{127.701} Millions (M)

TIME:-

It will take about (24 Months) to complete the job from its actual date of commencement subject to the availability of funds.


Sub Divisional Officer
Buildings Sub Division
Talagang



No.

PMU/P&SHD/
GOVERNMENT OF THE PUNJAB
P&S HEALTHCARE DEPARTMENT
Dated Lahore 06-12-2022

To,

Executive Engineer,
Building Division Chakwal,
Communication & Works Department,
Chakwal.

SUBJECT: SUBMISSION OF ACTUAL PRICE VARIATION & REVISED ROUGH COST ESTIMATE OF "PROGRAMME FOR REVAMPING OF ALL THQ HOSPITALS IN PUNJAB (ONE AT THQ HOSPITAL TALAGANG CHAKWAL)" ADP NO.792 FOR THE YEAR 2021-22.

Letter no. 3580/BD dated 07-10-2022 refers:

2. It is stated that please re-submit revised Rough Cost Estimate of the subject scheme along with detail working of 10% price variation in the light of P&D letter no. 594/AC(Tech)/P&D/2022-23 dated 09-09-2022. It is further stated that the said PC-I is planned to be revised in DDSC due to revenue component. Hence, it is requested to submit the estimate of civil work by incorporating actual price variation whether it exceeds 10% or not.
3. It is further stated that this office received a Rough Cost Estimate for the work "Revamping of Residences in THQ Hospital Talagang". I am directed to inform you that kindly include the said scheme in "Revamping of THQ Hospital Talagang" as a component which is yet to be awarded & re-submit the complete estimate to this office.
4. Submitted for further necessary action please.


6/14/22
Project Manager Civil
PMU P&SHD

CC:

1. Project Director, PMU, P&SHD, Lahore.
2. Deputy Project Director, PMU, P&SHD, Lahore.
3. Director Infrastructure, PMU, P&SHD, Lahore.
4. Chief Engineer Buildings, North Zone, Lahore
5. Superintending Engineer, Building Circle No.2 Rawalpindi.
6. Office Copy I&C.

No. 4083/0
Forwarded to IDO with request after attending the observations.
Dated-09-12-22
in original
to Buildings Talagang
to resubmit till Monday
to
Imran



**Primary & Secondary
Healthcare Department**

TOP PRIORITY / MOST URGENT

PO(D-II)2-7/06(Vol-I)

Dated: 24.11.2022

To,

**The Secretary,
Communication & Works Department, Lahore.**

Subject: **PROVISION OF ROUGH COST ESTIMATES FOR REVAMPING OF
RESIDENCES IN THQ HOSPITAL TALAGANG.**

Kindly refer the subject cited above.

2. I am directed to state that a meeting was held under the chairmanship of the Chief Minister, Punjab on 22.11.2022 in Chief Minister's Office; whereby it was decided to consider revamping of residences of THQ Hospital Talagang. It is, therefore, requested to kindly provide vetted Rough Cost Estimates regarding the subject proposal for further process in the matter.

**(AZIZ HAMZA)
PLANNING OFFICER D-IV**

C.C.:-

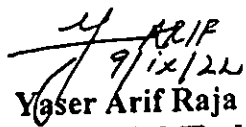
- i. Deputy Commissioner, Talagang.
- ii. Chief Executive Officer, District Health Authority, Chakwal. *(With the request to coordinate with Buildings Department to share requirements / scope of work.)*
- iii. Executive Engineer, Buildings Division, Talagang.
- iv. PSO to Secretary, P&SH Department, Lahore.
- v. PS to Special Secretary (Development), P&SH Department, Lahore.
- vi. PA to Additional Secretary (D&F), P&SH Department.



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

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


9/12/22
Yaser Arif Raja
Assistant Chief (Tech-II)
P&D BOARD

CC.

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

8	S/E of Aluminum composit panel Complete in all respect as approved by the Engineer incharge.	3859	P.Sft	@ Rs.913/33 (Rupees Nine hundred thirteen & paisa thirty three only)
9	P/F Louvers of M.S pipe frame 3"x1-1/2" 16 SWG, i/c carriage charges and erection in position complete in all respect & as approved by the Engineer Incharge.	825	P.Sft	@ Rs.308/68 (Rupees Three hundred eight & paisa sixty eight only)
10	Supply and erection of fancy LED Pannell light 2'x2' i/c LED Light & Driver 36 (W) (Philips / Alpha LED Ultra Slim) or Equivalent i/c fixing in false ceiling and electric connection complete in all respect as approved/ directed by the Engineer Incharge	30	Each	@ Rs.9916/10 (Rupees Nine thousand Nine hundred sixteen & paisa ten only)
11	S/E of Gang sheet with switches Hilife coprising 6 switches & 1 socket complete as approved by the Engineer Incharge.	200	Each	@ Rs.495/81 (Rupees Four hundred ninety five & paisa eighty one only)
12	---do--- 5 switches & 1 socket as directed by the Engineer Incharge.	200	Each	@ Rs.443/62 (Rupees Four hundred forty three & paisa sixty two only)
13	---do--- 3-4 switches & 1 socket complete as approved by the Engineer Incharge.	50	Each	@ Rs.339/24 (Rupees Three hundred thirty nine & paisa twenty four only)
14	S/E of 15/20 Amp switch & plug Hilife with gang box sheet (China) complete as approved by the Engineer Incharge.	50	Each	@ Rs.396/64 (Rupees Three hundred ninety six & paisa sixty four only)
15	S/E of LED blub 24 watt Phillips /Equ as directed by the Engineer Incharge.	200	Each	@ Rs.324/02 (Rupees Three hundred twenty four & paisa two only)
16	S/E of Automatic Transfer switch 200 amp consisting of M.S Box 30"x48"x10" with 200 Amp 3 No Bracker, 2 No 200 Amp Magnatic connector, 02 No Timer, Relay, Copper Bus bar, Volt meter, Ampaire meter, 03 No Control feuse, A.T.S card and internal control wiring complete in all respect as approved by the Engineer incharge.	2	Each	@ Rs.254895/96 (Rupees Two Lac Fifty four thousand eight hundred ninety five & paisa ninety six only)
17	S/E of 200 amp Change over switch consisting of M.S box 21"x27" consisting of 2 No 200 Amp Bracker and Copper Bus bar complete in all respect as approved by the Engineer incharge.	3	Each	@ Rs.66803/20 (Rupees Sixty six thousand eight hundred three & paisa twenty only)
18	P/F pannel board made of 18 SWG M.S sheet 18"x24" size housing of automatic miniatuere circuit breaker Fuji/Terrasaki with neutral link with the following breakers: (i) 6-10 Amp (S.P) 5 No. (ii) 11-20 Amp (SP) 5 Nos,(iii) 60-65 Amp (SP) 5 Nos. i/c 3 coats painting, cable connection, cost of volt meter, ampere meter, indicator bulb complete in all respect as approved and directed by the Engineer Incharge.	10	Each	@ Rs.16903/56 (Rupees Sixteen thousand nine hundred three & paisa fifty six only)
19	S/E of Hilife switches complete as approved by the Engineer Incharge.	320	Each	@ Rs.62/63 (Rupees Sixty two & paisa sixty three only)

20	P/F PVC Duct Pati 1"	600	P.Sft	@ Rs.21/92 (Rupees Twenty one & paisa ninety two only)
21	S/E of Dimmer complete as approved by the Engineer incharge.	50	Each	@ Rs.287/05 (Rupees Two hundred eighty seven & paisa five only)
22	P/L Ceramic Tile Size 12"X18" Master Or Equivalent Laid Over 1:2 Cement Sand Mortar I/C Filling Of Joint With Matching Pigment Complete In All Respect As Approved/ Directed By The Engineer Incharge (For Floor)	1161	P.Sft	@ Rs.207/72 (Rupees Two hundred seven & paisa seventy two only)
23	P/L Ceramic Tile Size 12"X18" Master Or Equivalent Laid Over 1:2 Cement Sand Mortar I/C Filling Of Joint With Matching Pigment Complete In All Respect As Approved/ Directed By The Engineer Incharge (Dado)	3699	P.Sft	@ Rs.224/42 (Rupees Two hundred twenty four & paisa forty two only)
24	S/E English W.C Porta made imported one piece i/c double seat cover full size i/c thimble complete set color ICI/forte or equivalent complete in all respect as approved by the Engineer Incharge.	9	Each	@ Rs.36533/- (Rupees Thirty six thousand five hundred & thirty three only)
25	P/F of Bath room accessories set Master made consisting of plastic made, towel rail, shelf, looking glass, with plastic cover, toilet paper holder, soap dish, brush holder complete in all respect.	9	Each	@ Rs.4697/10 (Rupees Four thousand six hundred ninety seven & Paisa ten only)
26	Provision of Street Light	20	Each	@ Rs.52190 (Rupees Fifty two thousand one hundred ninety only)
27	P/F Glow Sign Board comprising of M.S square pipe frame 1.5"x1.5" 18 SWG, 1"x1" M.S square pipe with M.S Sheet 26 SWG with M.S pipe 3" dia vertical i/c angle iron bracket 1.5"x1.5"x3/16" and fixing best quality panaflex sheet i/c writing and i/c lighting arrangement and electric connection i/c carriage charges and erection in position complete in all respect & as approved by the Engineer Incharge.	116	P.Sft	@ Rs.1656/51 (Rupees One thousand six hundred fifty six & Paisa fifty one only)
28	P/F Reverse Osmosis Drinking water Filtration Plant Capacity 500-600Ltr LPH with blending UF membran complete as approved and directed by the Engineer Incharge.	1	Each	@ Rs.1165924/60 (Rupees Eleven lac sixty five thousand nine hundred twenty four & paisa sixty only)
	Deduct cost of old material			The recovery of old material shall be as per actual, but not less than Rs/957630/- (Rupees Nine Lac fifty seven thousand six hundred & thirty only)

THE APPROVAL OF ACCEPTANCE IS FURTHER SUBJECT TO THE FOLLOWING CONDITIONS:-

1. The work shall be executed strictly in accordance with the general and additional condition of contract / agreement, standard specification of Punjab Buildings Department / working drawings, structural design, technical sanction estimate and to the entire satisfaction of Engineer Incharge.
2. There will be no excess over the quantities as provided in the technically sanctioned estimate.

3. Whole time qualified Engineer for full time supervision of work at the scale given in the clause 18 from the date of commencement of the work till its completion, will be employed under intimation to this office.
4. The work will be completed strictly according to scope of technically sanctioned estimate; the quantities exhibited in bid schedule/T.S estimate are not to be exceeded under any circumstances unless revised approval is arranged from the competent authority.
5. Items of work executed in violation of the location scope, specification, quantities and rates will neither be entered nor paid by the field formation.
6. Any item of work not mentioned in bid schedule if got executed from contractor shall be paid as per rates approved by the competent authority and the market rates prevailing at the time of technically sanctioned estimate shall form the basis for such approval.
7. A detailed working schedule and organizational chart must be provided to the Sub Divisional Officer concerned which should be approved by the Executive Engineer and made part of the contract agreement.
8. The quantities mentioned in the letter will not be increased / decreased without approval of the competent authority.
9. There is no omission or ambiguity in the terms and conditions which are as per approved DNIT. In case of any error, the approved DNIT will be final. In case of any mistake, omission / deficiency in the description of items, alongwith relevant specifications, the description of items and specifications displayed on website, Govt. of the Punjab shall be applicable for standardized items and non standardized items.
10. The quantities of items should not exceed those provided in the technical sanction estimate in any case.
11. When a discrepancy exists in any item or its rate in the T.S estimate and approval of tender, the item and rate as provided in MRS will be followed.
12. Scope of work can be changed as per site requirement / instructions of Engineer Incharge.
13. Non standardized items will be paid for rates as approved by the competent authority.
14. Modular approach must be followed during execution of work at site.
15. For any typographical mistake original tender / detailed estimate is to be referred.
16. Partnership deed and power of attorney should be provided within one week of acceptance for preparing the contract.
17. Informatory / caution board will be displayed in around the site of work and all safety measures be taken round the clock by the contractor being his sole responsibility.
18. 05% PRA Tax includes in the approved D.N.I.T has such it also includes in the comparative statement framed by concerned Executive Engineer / Superintending Engineer and thus now added in the agreement amount.

NOTE As per additional Condition No. 16 of the agreement, if the work is not started within 15 days from the date of acceptance letter, the earnest money will stand forfeited to Government.

**Executive Engineer,
Buildings Division,
Chakwal**

CC.

1. The Superintending Engineer, Provincial Buildings Circle No.2 Rawalpindi w.r.t. his Letter No.1813/G dated 28-05-2025 for information please.
- ✓ 2. The Sub Divisional Officer Buildings Sub Division Talagan. He is directed to get the work executed strictly in accordance with the specifications, after observing all codal formalities. Non-standardized items should be got approved from competent authority before execution / payment. The quantities as approved scope be got completed. Deposit at Call No. 5128738 dated 27-12-2021 Rs. 7,39,000/-, -issued by The Bank of Punjab Talagan Branch (148), is being enclosed for getting the same cleared from the bank immediately and accounting for in the current monthly account.
- 3-4. The Divisional Accounts Officer (Local) / Head Draftsmen (Local).
5. For agreement.

D/A Call Deposit for Serial No.2

**Executive Engineer,
Buildings Division,
Chakwal**



Primary & Secondary
Healthcare Department

GOVERNMENT OF THE PUNJAB
Dated Lahore the 21-11-2021

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 "Programmo 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 Sheikhpura	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

Page 1 of 4

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

Sr. No.	Sub-Scheme Title	2 nd Revised Cost		
		Capital Component	Revenue Component	Total
40	Revamping of THQ Hospital, Thal (Nawaz Sharif Hospital) District Layyah	49.457	216.699	266.156
41	Revamping of THQ Hospital, Darya Khan District Bhakkar	37.975	211.198	249.173
42	Revamping of THQ Hospital, Dunyapur District Lodhran	10.040	165.314	175.354
43	Revamping of THQ Hospital, Jahanian District Khanewal	26.965	203.353	230.318
44	Revamping of THQ Hospital, Kotli Sattian District Rawalpindi	26.949	199.680	226.629
45	Revamping of THQ Hospital, Kot Sultan District Layyah	45.918	201.877	247.795
46	Revamping of THQ Hospital, Alipur District Muzaffargarh	38.221	197.188	235.409
47	Revamping of THQ Hospital, Choubara District Layyah	36.589	206.216	242.805
48	Revamping of THQ Hospital, Fort Abbas District Bahawalnagar	9.932	197.810	207.742
49	Revamping of THQ Hospital, Haroonabad District Bahawalnagar	12.235	193.588	205.823
50	Revamping of THQ Hospital, Jalalpur Pirwala District Multan	25.103	206.068	231.171
51	Revamping of THQ Hospital, Jampur District Rajanpur	44.967	182.199	227.166
52	Revamping of THQ Hospital, Jatoi District Muzaffargarh	52.216	207.414	259.630
53	Revamping of THQ Hospital, Kabirwala District Khanewal	24.787	219.815	244.602
54	Revamping of THQ Hospital, Kamalia District Toba Tek Singh	72.400	189.701	262.101
55	Revamping of THQ Hospital, Karor Lalesan District Layyah	45.900	227.684	273.584
56	Revamping of THQ Hospital, Kehror Pacca District Lodharan	41.127	208.091	249.218
57	Revamping of THQ Hospital, Mailsi District Vehari	48.045	196.999	245.044
58	Revamping of THQ Hospital, Minchinabad District Bahawalnagar	11.667	213.996	225.663
59	Revamping of THQ Hospital, Pind Dadan Khan District Jehlum	85.879	219.752	305.631
60	Revamping of THQ Hospital, Kunjah District Gujrat	25.236	184.414	209.650

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



Capital Component

Grant No.12042 (042) Government Building04-Economic Affairs-045 Construction and Transport -0457. Construction (Work)0457-02 Building and structure.

Revenue Component

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


(IMRAN SIKANDAR BALOCH)
SECRETARY P&SH DEPARTMENT

NO. & DATE EVEN:

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

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


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

REVISED ROUGH COST ESTIMATE FOR THE WORK "PROGRAMME FOR REVAMPING OF ALL TEHSIL HEAD QUARTER HOSPITAL IN PUNJAB (ONE AT THQ HOSPITAL DISTRICT CHAKWAL) DP NO.792 FOR THE YEAR 2021-22.

ABSTRACT OF COST

S. No.	Description	Plinth / Area Qty	Unit	B.P	Plinth Beam	P.H	E.I	Total	Amount	Remarks
A	CLINICAL BUILDING									
1	Revamping of Main Building	--	--	--	--	--	--	--	26033000	Detailed Atteched
								TOTAL "A"	26033000	
2	Aditonal provisions									
i	Provision of Street Light	20.00	Each	--	--	--	--	54000	1080000	Analysis Atteched
ii	Provision of Glow Electric Sign Board 1x20x4 =80 3x4x3 =36 = 116 Sft	116.00	P.Sft	--	--	--	--	1683	195175	Analysis Atteched
iii	Provision of Tuff Paver	--	--	--	--	--	--	--	1602000	Detailed Atteched
iv	Provision of P.C.C Path 700x5=3500	3500.00	P.Sft	--	--	--	--	156	544827	Analysis Atteched
v	Re-Construction / Repair of Boundary Wall	--	--	--	--	--	--	--	2662000	Detailed Atteched
vi	Provision of Reverse Osmosis Drinking water treatment filtration Plant with Blending UF membrane	--	--	--	--	--	--	--	1117000	analysis Atteched
vii	Revamping of Sewerage line	--	--	--	--	--	--	--	1588000	Detailed Atteched
B	REVAMPING OF RESIDENCES								86798000	Detailed Atteched
								Total B:-	95587002	
								Total A+B:-	121620002	
	Add actual Price Variation							(+)	725489	
								Total:-	122345491	
	Add 1% Tree Plantation							(+)	348220	
	Add 5% PST							(+)	6117275	6081000
								Total:-	128810986	
								Say Rs.	128.811	Million

[Signature]
Sub Divisional Officer
Buildings Sub Division
Talagang

[Signature]
Superintending Engineer
Building Circle No.2
Rawalpindi

[Signature]
Executive Engineer
Buildings Division
Talagang
128049227
127701002
128049
127.701 (M) (M)

11/11/11



REVISED ROUGH COST ESTIMATE FOR THE WORK PROGRAMME FOR REVAMPING OF ALL TEHSIL HEAD QUARTER HOSPITAL IN PUNJAB (ONE AT THQ HOSPITAL DISTRICT CHAKWAL) DP NO.792 FOR THE YEAR 2021-22.

Administrative Approval

Secretary P&SH Department Lahore

order No. PO(D-II) 1-237/2021 dated: 09-11-2021 for Rs. 48.005 (M)

Revise Rough Cost Estimate for Rs. 128.811 (M)

COMPARITIVE STATEMENT

Sr. No.	Description of Item of Work	As per approved Estimate (A)				As per Revised Estimate										Difference		Reason for Revision	
						Cost as per work already allotted (B)				Cost for work yet to be allotted (C)				Total (B+C)					
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Amount	Excess	Saving		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
A	CLINICAL BUILDING																		
1	Revamping of Main Building				26033000				26033000	--	--	--	--		26033000	--	--		
				Total	26033000				26033000						26033000				
2	Additional Provisions																		
I	Provision of Street Light	20	Each	54000	1080000	20	Each	54000	1080000	--	--	--	--	20	1080000	--	--		
II	Provision of Glow Electric Sign Board	116	P.Sft	1683	195175	116	P.Sft	1683	195175	--	--	--	--	116	195175	--	--		
III	Provision of Tuff Paver				1602000				1602000	--	--	--	--		1602000	--	--		
IV	Provision of P.C.C Path	3500	P.Sft	156	544827	3500	P.Sft	156	544827	--	--	--	--	3500	544827	--	--		
V	Re-Construction. / Repair of Boundary Wall	--	--	--	2662000	--	--	--	2662000	--	--	--	--		2662000	--	--		
VI	Provision of Reverse Osmosis Drinking water treatment filtration Plant with Blending UF membrane	--	--	--	1117000	--	--	--	1117000	--	--	--	--		1117000	--	--		
VII	Revamping of Sewerage line	--	--	--	1588000	--	--	--	1588000	--	--	--	--		1588000				

B	REVAMPING OF RESIDENCES	--	--	--	--	--	--	--	--	--	86798000	86798000	86798000		
	Total				34822002				34822002		86798000	121620002	86798000	Provision of 10% price variation has been made vide letter No.594/ AC (Tech)/ P&D/2022-23, dated: Lahore 9th September, 2022. This Price Variation is only for estimation purpose. However the payment will be made in accordance with clause 55 of the contract agreement.	
i	Add price variation	--	--	--	0	--	--	--	0	--	725489	725489	725489		
	Total				34822002				34822002		86798000 87523489	121620002 122345491	86798000 87523489		
i	Added 1% Tree Plantation Charges	--	--	--	348220	--	--	--	348220	--	--	348220	--		
ii	Add 5% PRA	--	--	--	1741100	--	--	--	1741100	--	4376174 4339900	6117275 6081000	4270174		
	Grand Total	--	--	--	36911322	--	--	--	36911322	--	91899663 91137900	420810965 127701002 128049202	91899662		
	Say	--	--	--	36911000	--	--	--	36911000	--	91899600	420811000 127701000	91899000		
	Or	--	--	--	36.911	--	--	--	36.911	--	91.899	128.811 127.701	91.899		

- 91.138 (M) -

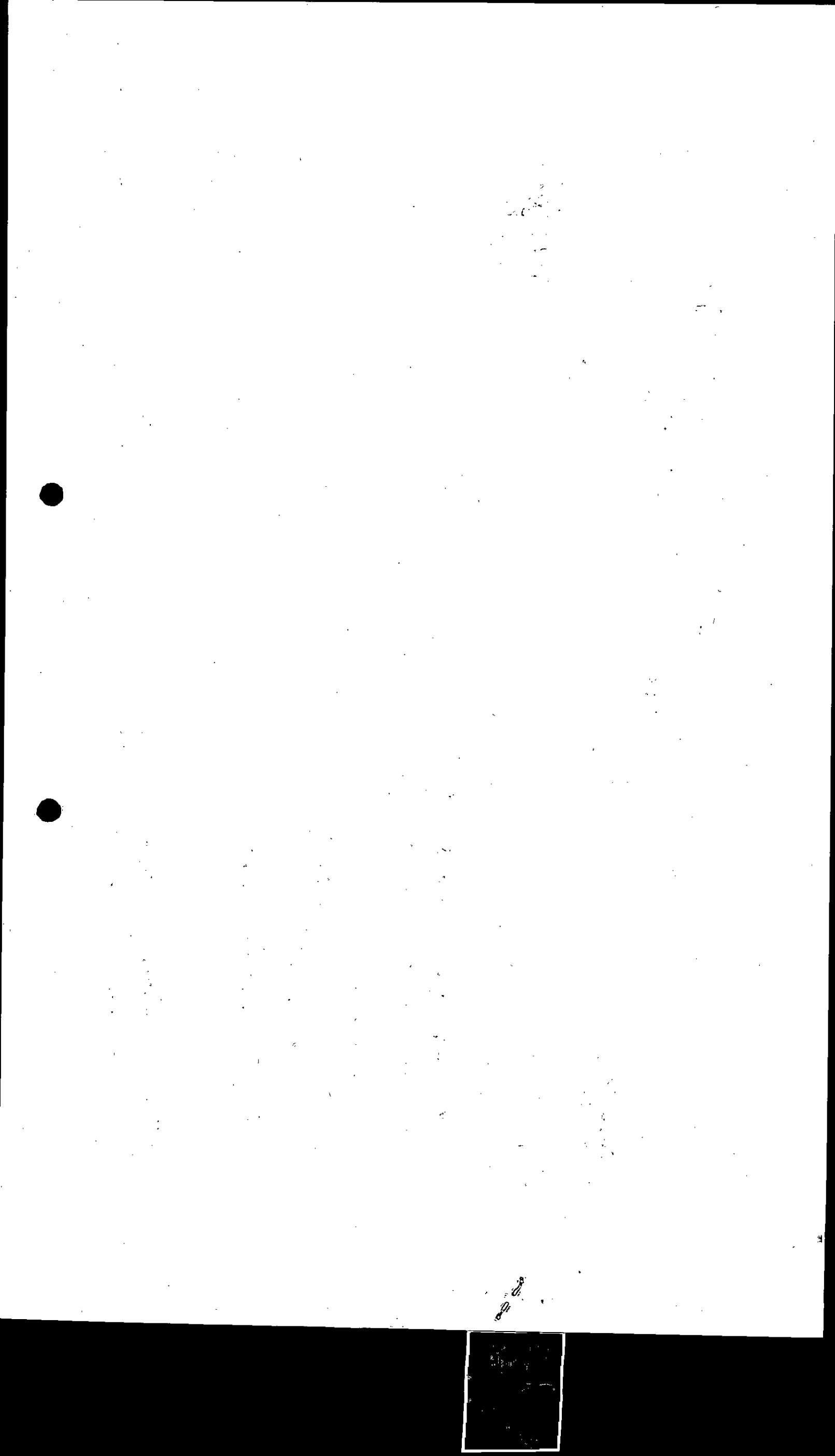
128.049 (M)
127.701

[Signature]
Sub Divisional Officer
Buildings Sub Division
Talagang

[Signature]
Executive Engineer
Buildings Division
Talagang

[Signature]
Superintending Engineer
Building Circle No. 2
Rawalpindi

TECHNICALLY VETTED
128.049 (M)
For Rs. 127.701 (Million)
[Signature]
Chief Engineer Punjab Buildings Deptt. North Zone, Lahore.
Deputy Director-1 Punjab Buildings Deptt. North Zone, Lahore.
[Signature]
Chief Draftsman Punjab Buildings Deptt. North Zone, Lahore.

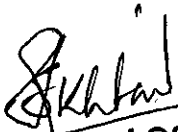


PART A
CLINICAL BUILDING

PRICE VERATION STATEMENT "PROGRAME FOR REVAIING OF ALL TEHSIL HEAD QUARTER HOSPITAL IN PUNJAB (ONE AT THQ HOSPITAL DISTRICT CHAKWAL)" DP NO.792 FOR THE YEAR 2021-22.

Tender Date 28.12.21

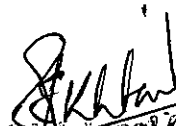
Sr No	Item of Work	M.B No Page	Period on which value of work done is based for calculation	Value work done is based for calculation (VOW)	Constant value i.e for building work	Rate pervalent in the month during of tender Fallen (BPD)	Rates on the first day of month as notified by the Finance Department for price variation adjusment (CPD)	Difference	Basic formula Increase/Decre ase	upto date amount of variation
1	2	3	4	5	6	7	8	9	10	11
1	Price Veration of Diesel									603420
2	Price Veration of Labour									42872
3	Price Veration of Bricks									42348
4	Price Veration of Cement									36849
									Total	725489


Sub Divisional Officer
Building Sub Division
Talagang

PRICE VERATION STATEMENT "PROGRAME FOR REVAMPING ● ALL TEHSIL HEAD QUARTER HOSPITAL ● PUNJAB (ONE AT THQ HOSPITAL DISTRICT CHAKWAL)"
 DP NO.792 FOR THE YEAR 2021-22.

DIESEL


Sr No	Item of Work	M.B No Page	Period on which value of work done is based for calculation	Value work done is based for calculation (VOW)	Constant value i.e for building work	Rate pervalent in the month 12/2021	Rates on the first day of month as notified by the Finance Department for price variation adjustment (CPD)	Difference		Basic formula Increase/Decrease	upto date amount of variation	Remarks
1	2	3	4	5	6	7	8	9		10	11	13
								Difference	%			
1	C.C 1st Running Bill	4362 70	27-06-22	19980915	0.07	142.62	204.15	61.53	43%	0.07 (19980915 x 204.15 142.62) / 142.62	603420	
Total											603420	


 Sub Divisional Officer
 Building Sub Division
 Talagang

PRICE VERATION STATEMENT "PROGRAME FOR REVAMP OF ALL TEHSIL HEAD QUARTER HOSPITAL IN PUNJAB (ONE AT THQ HOSPITAL DISTRICT CHAKWAL)" DP NO.792 FOR THE YEAR 2021-22.

LABOUR

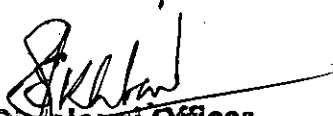
Sr No	Item of Work	M.B No Page	Period on which value of work done is based for calculation	Value work done is based for calculation (VOW)	Constant value i.e for building work	Rate pervalent in the month 12/2021	Rates on the first day of month as notified by the Finance Department for price variation adjsument (CPD)	Difference		Basic formula Increase/Decrease	upto date amount of variation	Remarks
1	2	3	4	5	6	7	8	9		10	11	13
								Difference	%			
2	C.C 1st Running Bill	4362 70	27-06-22	19980915	0.15	769.00	780.00	11.00	1%	0.15 (19980915 x 780.00 769.00) / 769.00	42872	-
Total											42872	


Sub Divisional Officer
Building Sub Division
Talagang

PRICE VERATION STATEMENT "PROGRAME FOR REVAMING OF ALL TEHSIL HEAD QUARTER HOSPITAL IN PUNJAB (ONE AT THQ HOSPITAL DISTRICT CHAKWAL)" DP NO.792 FOR THE YEAR 2021-22.

BRICKS TILES & GUTKA

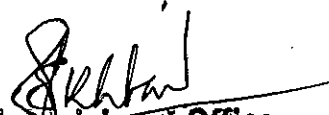
Sr No	Item of Work	M.B No Page	date of record entry	Total Qty executed/ measured/ recorded	Unit	Conversi on factor for Cft%	Net Qty of Bricks Tiles & Gutka (8-Col:5xCol: 7/100	Rate peryalent during of tender Fallen 12/2021	Rates on the first day of month as notified by the Finance Department for price variation adjusment	Diff:of rates for 5% or more increase decrease (11=10/9)	upto date amount of variation (12=8x11)	Remarks	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	C.C 1st Running Bill												
	P.B.W 1:4 O.T.B	<u>4362</u> 13	09-05-22	2413	%Cft	1350.00	32576	9200	10500	1300	14%	42348	
Total											42348		


Sub Divisional Officer
Building Sub Divison
Talagang

PRICE VERATION STATEMENT "PROGRAME FOR REVAMING OF ALL TEHSIL HEAD QUARTER HOSPITAL IN PUNJAB (ONE AT THQ HOSPITAL DISTRICT CHAKWAL)" DP NO.792 FOR THE YEAR 2021-22.

CEMENT


Sr No	Item of Work	M.B No Page	date of record entry	Total Qty executed/ measured/ recorded	Unit	Conversi on factor for Cft%	Net Qty of cement Bags (8- Col:5xCol: 7/100	Rate pervalent during of tender Fallen 12/2021	Rates on the first day of month as notified by the Finance Department for price variation adjusment	Diff:of rates for 5% or more increase decrease (11=10/9)	upto date amount of variation (12=8x11)	Remarks	
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	C.C 1st Running Bill												
	P.B.W 1:4 OTB	4362 13	09-05-22	2413	%Cft	3.44	83	710	860	150	21%	12451	
	PCC 1:6:12	4362 13	09-05-22	537	P.Cft	6.60	35	710	860	150	21%	5316	
	PCC 1:4:8	4362 13	09-05-22	1013	P.Cft	9.33	95	710	860	150	21%	14177	
	Cement Plaster 1:4	4362 13	09-05-22	4479	%Sft	0.73	33	710	860	150	21%	4905	
Total											36849		


Sub-Divisional Officer
Building Sub Division
Talagang

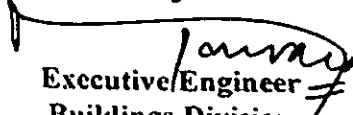
ROUGH COST ESTIMATE FOR THE WORK PROGRAMME FOR REVAMPING ALL THQ HOSPITALS IN PUNJAB (ONE AT THQ HOSPITAL TALAGANG DISTRICT CHAKWAL)" ADP NO. 792 FOR THE YEAR 2021-22

ABSTRACT OF COST

S. No.	Description	Plinth / Area Qty	Unit	B.P	Plinth Beam	P.H	E.I	Total	Amount	Remarks
A	CLINICAL BUILDING								26033000/-	
1	Revamping of Main Building	--	--	--	--	--	--	--	26281000	Detailed Attached
								TOTAL "A"	26281000	
	ADDITIONAL PROVISIONS								26033000/-	
2	Provision of Street Light	20.00	Each	--	--	--	--	54000	1080000	Analysis Attached
	Provision of Glow Electric Sign Board 1x20x4 =80 3x4x3 =36 = 116 Sft	116.00	P.Sft	--	--	--	--	1683	195175	Analysis Attached
	Provision of Tuff Paver	--	--	--	--	--	--	--	--	
	Provision of P.C.C Path 700x5=3500	3500.00	P.Sft	--	--	--	--	156	1602000	Detailed Attached
	Re-Construction / Repair of Boundary Wall	--	--	--	--	--	--	--	544827	Analysis Attached
	Provision of Reverse Osmosis Drinking water treatment filtration Plant with Blending UF membrane	--	--	--	--	--	--	--	2662000	Detailed Attached
	Revamping of Sewerage line	--	--	--	--	--	--	--	1117000	analysis Attached
									1588000	Detailed Attached
									Total B:-	8789002
	Add 1% Tree Plantation								Total A+B:-	35070002
									(+)	350700
	Add 5% PST								Total:-	35420702
										1771035
									Total:-	37191737
									Say Rs.	37192 Million


 Sub-Divisional Officer
 Buildings Sub-Division
 Talagang

TECHNICALLY VETTED
 For Rs. _____ (Million)
 For the estimate no. _____
 Buildings Sub-Division
 Talagang

36.911

 Executive Engineer
 Buildings Division
 Chakwal

REVISED ROUGH COST ESTIMATE FOR THE WORK "PROGRAMME FOR REVAMPING OF ALL TEHSIL HEAD QUARTER HOSPITAL IN PUNJAB (ONE AT THQ HOSPITAL DISTRICT CHAKWAL)" DP NO.792 FOR THE YEAR 2021-22.

ABSTRACT OF COST

S. No.	Description	Plinth / Area Qty	Unit	B.P	Plinth Beam	P.H	E.I	Total	Amount	Remarks
A	CLINICAL BUILDING									
1	Revamping of Main Building	--	--	--	--	--	--	--	26033000	Detailed Atteched
								TOTAL "A"	26033000	
B	ADDITIONAL PROVISIONS									
2	Provision of Street Light	20.00	Each	--	--	--	--	54000	1080000	Analysis Atteched
3	Provision of Glow Electric Sign Board 1x20x4 =80 3x4x3 =36 = 116 Sft	116.00	P.Sft	--	--	--	--	1683	195175	Analysis Atteched
4	Provision of Tuff Paver	--	--	--	--	--	--	--	1602000	Detailed Atteched
5	Provision of P.C.C Path 700x5=3500	3500.00	P.Sft	--	--	--	--	156	544827	Analysis Atteched
6	Re-Construction / Repair of Boundary Wall	--	--	--	--	--	--	--	2662000	Detailed Atteched
7	Provision of Reverse Osmosis Drinking water treatment filtration Plant with Blending UF membrane	--	--	--	--	--	--	--	1117000	analysis Atteched
8	Revamping of Sewerage line	--	--	--	--	--	--	--	1588000	Detailed Atteched
								Total B:-	8789002	
								Total A+B:-	34822002	
	Add 10% Price Variation							(+)	3482200	
								Total:-	38304202	
	Add 1% Tree Plantation							(+)	348220	
	Add 5% PST							(+)	1915210	
								Total:-	40567633	
								Say Rs.	40.568	Million

Sub Divisional Officer
Buildings Sub Division
Talagang

Executive Engineer
Buildings Division
Chakwal

vatted for Rs. 40.568 (M)

Suprintending Engineer
Building Circle No. 2
Rawalpindi

REVISED ROUGH COST ESTIMATE FOR THE WORK PROGRAMME FOR REVAMPING OF ALL TEHSIL HEAD QUARTER HOSPITAL IN PUNJAB (ONE AT THQ HOSPITAL DISTRICT CHAKWAL) DP NO.792 FOR THE YEAR 2021-22.

Administrative Approval

Secretary P&SH Department Lahore

order No. PO(D-II) 1-237/2021 dated: 09-11-2021 for Rs. 48.005 (M)

Revise Rough Cost Estimate for Rs. 40.568 (M)

COMPARITIVE STATEMENT

Sr. No.	Description of Item of Work	As per approved Estimate (A)				As per Revised Estimate										Difference		Reason for Revision
						Cost as per work already allotted (B)				Cost for work yet to be allotted (C)				Total (B+C)		Excess	Saving	
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Amount			
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19		
A	CLINICAL BUILDING																	
i	Revamping of Main Building				26033000				26033000	-	-	-	-		26033000	-	-	
	Total				26033000				26033000						26033000			
B	Additional Provisions																	
2	Provision of Street Light	20	Each	54000	1080000	20	Each	54000	1080000	-	-	-	-	20	1080000	-	-	
3	Provision of Glow Electric Sign Board	116	P.Sft	1683	195175	116	P.Sft	1683	195175	-	-	-	-	116	195175	-	-	
4	Provision of Tuff Paver				1602000				1602000	-	-	-	-		1602000	-	-	
5	Provision of P.C.C Path	3500	P.Sft	156	544827	3500	P.Sft	156	544827	-	-	-	-	3500	544827	-	-	
6	Re-Construction / Repair of Boundary Wall				2662000				2662000	-	-	-	-		2662000	-	-	
7	Provision of Reverse Osmosis Drinking water treatment filtration Plant with Blending UF membrane				1117000				1117000	-	-	-	-		1117000	-	-	

S	Revamping of Sewerage line				1588000				1588000				1588000				
	Total				34822002				34822002				34822002				
i	Add price variation	-	-	-	0	-	-	-	0	-	-	-	3482200	-	3482200	3482200	-
	Total				34822002				34822002				3482200		38304202	3482200	
i	Added 1% Tree Plantation Charges	-	-	-	348220	-	-	-	348220	-	-	-	-	-	348220	-	-
ii	Add 5% PRA	-	-	-	1741100	-	-	-	1741100	-	-	-	174110	-	1915210	174110	-
	Grand Total	-	-	-	36911322	-	-	-	36911322	-	-	-	3656310	-	40567633	3656310	-
	Say	-	-	-	36911000	-	-	-	36911000	-	-	-	3656000	-	40568000	3656000	-
	Or	-	-	-	36.911	-	-	-	36.911	-	-	-	3.656	-	40.568	3.656	-

Provision of 10% price variation has been made vide letter No.594/ AC (Tech)/ P&D/2022-23, dated: Lahore 9th September, 2022. This Price Variation is only for estimation purpose. However the payment will be made in accordance with clause 55 of the contract agreement.

Vetted for Rs 40.568 (M)

[Signature]
Sub Divisional Officer
 Buildings Sub Division
 Talagang

[Signature]
Executive Engineer
 Buildings Division
 Chakwal

[Signature]
Superintending Engineer
 Building Circle No. 2
 Rawalpindi

Detailed Estimate for the work Revamping of T110 Hospital Talagang

MRS: July 2021 To December 2021.

Description	No	Measurements			Qty	Rate Rs.	Amount Rs.
		L	B	H			

Scraping cement plaster from walls							
Front side Para Pit	1	179.625			1.750	2.4	
Back side	1	170.000			2.000	3.0	
Sides	2	140.000			2.000	5.60	
window shed	38	5.500			1.500	3.14	
under soft	5	7.000			10.000	3.50	
					Total	1808	319.00
							%SR 3767

Dismantling K.C.C 1:2:4							
Window shed	41	8.500	1.500		0.250	131	
	21	5.500	1.500		0.250	43	
	1	250.000	1.500		0.250	94	
					Total	268	13780.80
							%CFR 36898

Removing Door with chockstone							
wash room	1	20.000				20	
building	1	15.000				15	
					Total	35	331.65
							inch. 11608

Removing window sky light etc							
size 6'x8.5'	1	41.000				41	
size 4'x5.5'	1	41.000				41	
Size 2'x2'	1	40.000				40	
Size 4'x3'	1	1.000				1	
					Total	123	258.70
							inch. 31820

Dismantling plain cement concrete 1:2:4 in cement sand mortar							
Damaged portion of tiles	2	15.000	5.000		0.125	19	
	2	21.000	4.000		0.125	21	
	6	8.000	5.000		0.125	30	
	7	6.000	9.000		0.125	47	
					Total	117	3421.60
							%CFR 9843

Dismantling first class tile roofing							
Gallery	1	137.375	44.250			6879	
	1	20.000	5.500			110	
	1	86.500	48.250			4174	
Passage	1	24.000	5.500			112	
Beds Ward	1	181.750	55.500			16087	
Lavatory	2	20.000	11.900			140	
	3	6.000	5.500			99	
Lavatory	1	18.000	6.500			117	
Martory	1	21.750	18.750			638	
					Total	21668	114819.50

Cement Plaster 1:4 with flooring coat of 1/32" thick neat cement

Same Qty of Item No. 01

Cement Plaster 1:4 Same Qty of Item No. 2

204 116640 0177



reinforced cement concrete in roof slab
beams, columns lintels girders and other
structural members with nominal mix 1:2:4

Same Qty of Item No.2

column for louvers

54	12.000	0.750	0.750	268		
				368		
			Total	632	399.40	246830

P.C.C

labrication of mild steel reinforcing for
ement concrete including cutting bending,
tying in position, making joints and
fastening including cost of binding wire and
labour charges for binding of steel
reinforcement deformed bars

1	632	5.000	0.454	1435	19988.70	286879
---	-----	-------	-------	------	----------	--------

%kg

single layer of tiles 9" * 4.5" * 1.5" laid over 1"
earth & 1" mud plaster i.e 1:3 cement sand
grouting

Same qty of Item No.6

DD	Khura	48	2.000	2.000	(-)	192		
					Net	21473	5689.25	1221676

%sf

P.L P.C.C 1:2:4 complete in all respect

Same Qty of item No.5

Khurra

Gola

48	2.000	2.000	0.250	117		
2	137.375	0.333	0.170	48		
2	44.250	0.333	0.170	16		
2	86.500	0.333	0.170	5		
2	181.750	0.333	0.170	10		
2	55.500	0.333	0.170	21		
1	30.000	16.000	0.333	6		
			Total	160		
			Total	382	24538.80	93753

%Cft

P.L PREPOLISHED PORCELAIN TILE
"MASTER OR EQ" WITH DRY / WET /
VENIED APPLICATION, DWV SERIES
(LIGHT COLOR) CLASS SB, 24"X24" SIZE
LAID OVER A BED OF 3/4" THICK C/S
MORTAR 1:2, 1/2 FILLING JOINTS WITH
WHITE CEMENT MIXED WITH
MATCHING PIGMENT COMPLETE IN
ALL RESPECT AS APPROVED BY THE
ENGINEER INCHARGE (FOR FLOOR)

Office

2	16.00	14.00		448		
1	14.00	7.50		105		
1	15.00	8.00		120		
1	8.00	5.00		40		
1	8.00	14.00		112		
1	13.00	13.00		169		
1	13.00	8.00		104		
1	6.50	7.50		49		
1	19.00	11.50		210		
1	12.00	11.00		132		
1	7.00	7.00		84		
1	5.00	5.00		60		
1	15.00	15.00		180		
1	17.00	17.00		204		
2	17.00	17.00		408		
1	17.00	17.00		204		
1	17.00	17.00		204		

	7	6.000	9.000	378		
Damaged portion	3	8.000	10.000	240		
	2	12.000	8.000	192		
	2	9.000	11.000	198	276	993048
				Total	3598	1007510

P.Sft

P/L PREPOLISHED PORCELAIN TILE
 "MASTER OR EO" WITH DRY / WET /
 VENEILD APPLICATION, DWV SERIES
 (LIGHT COLOR) CLASS SB, 24"X24" SIZE
 LAID OVER A BED OF 3/4" THICK C/S
 MORTAR 1:2, 1/2 FILLING JOINTS WITH
 WHITE CEMENT MIXED WITH
 MATCHING PIGMENT COMPLETE IN
 ALL RESPECT AS APPROVED BY THE
 ENGINEER INCHARGE (DADO)

Walls	2	57.00	5.00	570		
	1	40.00	5.00	200		
	1	43.00	5.00	215		
	1	23.00	5.00	115		
	1	41.00	5.00	205		
	1	49.00	5.00	245		
	1	39.00	5.00	195		
	1	25.00	5.00	125		
	1	58.00	5.00	290		
	1	43.00	5.00	215		
	1	39.00	5.00	195		
	1	21.00	5.00	105		
	1	60.00	5.00	300		
	1	49.00	5.00	245		
	1	36.00	5.00	180		
	1	45.00	5.00	225		
	1	74.00	5.00	370		
Damaged portion	5	7.00	4.00	140		
	2	10.00	4.00	80	293	1234995
				Total	4215	1192415

P.Sft

P/L Non-Skidding Ceramic Tile size 12x12"
 laid in White Cement over a bed of 3/4" thick
 cement sand mortar 1:2 i/c filling of joints
 with matching pigment complete in all respect
 as approved by the Engineer in charge

	1	21.000	5.000	105		
	1	14.000	5.000	70		
	3	15.000	4.500	203		
				Total	378	95130

P.Sft

Providing and fixing all types of partly fixed
 and partly openable glazed anodised bronze
 colour aluminium doors, using delux section
 of M/s Al-Gop or Pakistan Cables, having
 chowki frame of size 40 x 100 mm (1 1/2" x
 4") and leaf frame of 60x40mm (2 1/2" x 1 1/2")
 wide sections including the cost of 1/2" (5 mm)
 thick imported tinted glass with aluminium
 triangular gola and rubber gasket to support
 the glass and leaf edging, using approved
 standard fittings, locks, 3" (75 mm) wide long
 handles etc., and hardware any required as
 approved by the engineer in-charge. 12 mm
 thick

Door	15	4	420			
	9	1	189			
Partition	3	7	420			

	8	8	12	768		
			Total	1797		
D D Door	9	3	7	189		
			No	1608	586.45	943.01
					P.S.R	

Providing and fitting all types of glazed aluminum windows of anodised bronze colour partly fixed and partly sliding using deluxe sections of approved manufacturer having frame size of 100 x 20 mm (4"x3/4") and leaf frame sections of 50 x 20 mm (2"x3/4"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge.

	41	6.000	8.500	2091		
	41	4.000	5.500	902		
	40	2.000	2.000	160		
	1	4.000	5.000	12		
			Total	3165	498.50	1,577.75
					P.R.R	

P.F.M.S Grill to windows using 1/2" X 1/2" SQ Bar 24" c/c Vertically in two parts with 2 Nos horizontal lknw for using sliding of windows 1" X 1" X 1/8" angle iron frame all around i/c painting 3 coats hold fast complete in all respect as approved by the Engineer incharge.

Same Qty of item No.15

				3165		
			Total	3165	350.00	1,107.750
					P.S.R	

P.F Reception counter for OPD comprising of brick masonry 4.50" thick 1:3 walls structure with RCC slab top 3.5' height with 3/4" thick repolished marble granite 30" wide laid over 4" C/S mortar 1:2 i/c lower cabinet door with lamination vin board 3/4" thick with Gola fixed on wooden frame 3"x1.5" all around the door i/c painting as per approved by the Engineer Incharge.

	5	12.000	3.500	210	1550	325500
					1740	363000
					P.S.R	

P.F 1 1/2" thick OAK wood Solid door i/c brass hinges brass towers bolt brass kick plate brass finger plate, complete in all respect as approved by the Engineer Incharge.

	20	3.000	6.500	390	2000	780000
					P.S.R	

Restoring on old surface two coat i/c painting

Front Ver: Coordinator

	2	137.375	7.000	1923		
	2x2	137.375	7.000	3848		

Waiting Hall+Plate form

	2	20.750	10.000	415		
	2x2	20.750	7.000	584		

Office

	1	16.000	14.000	224		
	1x2	16.000	10.500	630		

Store+Treat

	2	10.000	14.000	280		
	2x2	10.000	10.000	1008		

Mail Medical Officer

	1	12.000	10.000	168		
	1x2	12.000	10.000	168		

Exame

	2	5.625	10.000	112		
	2x2	5.625	10.000	112		

MO Office

	2x2	5.625	10.000	112		
--	-----	-------	--------	-----	--	--

dental Serjan	1	16.000	14.000	224
	1x2	16+14	10.500	630
Store	1	12.500	14.000	175
	1x2	12.5+14	10.500	557
Multy purpose room	1	16.000	14.000	224
	1x2	16+14	10.500	630
Deacon Stration	1	10.000	14.000	140
	1x2	10+14	10.500	504
LHV	1	12.000	14.000	168
	1x2	12+14	7.000	364
Waiting	1	15.750	14.000	221
	1x2	15.75+14	7.000	417
Female MO Office	1	12.000	14.000	168
	1x2	12+14	10.500	546
Toilet	1	5.625	5.625	32
	1x2	5.625+5.625	6.000	135
Exame	1	5.625	8.000	45
	1x2	5.625+8	6.000	164
Emergency Ward	1	16.000	14.000	224
	1x2	16+14	10.500	630
Waiting	1	13.000	14.000	182
	1x2	13+14	10.500	567
Dispencery	1	14.000	14.000	196
	1x2	14+14	10.500	588
Treat	1	8.000	11.000	88
	1x2	8+14	10.500	399
General Store	1	10.000	14.000	140
	1x2	10+14	10.500	504
Toilet	2	6.375	14.000	179
	2x2	6.375+14	6.000	489
Corridor	1	24.000	7.000	168
	1x2	24+7	7.000	434
	1	181.750	7.000	1272
	1x2	181.75+7	7.000	2643
10 Bed Ward	2	20.000	46.875	1375
	2x2	20+46.875	10.500	2309
18 Bed Ward	2	36.000	46.875	3375
	2x2	36+46.875	7.000	2321
2 Bed Ward	2	12.000	19.188	461
	2x2	12+19.188	10.500	655
Nersing Station	2	11.000	7.000	264
	2x2	11+12	10.500	504
Toilet	4	5.000	6.375	128
	4x2	5+6.375	6.000	546
Store	4	5.000	12.000	240
	4x2	5+12	10.500	1428
Linen + Pantry	2	9.000	19.188	345
	2x2	9+19.188	10.500	1184
MO Officer	2	10.000	16.000	320
	2x2	10+16	10.500	1092
Linen store	2	4.625	5.750	76
	2x2	4.625+5.750	10.500	520
Gallery	2	10.000	7.000	385
	2x2	10+7	7.000	481
	2	10.000	7.000	766
Lavatory	2	10.000	7.000	400
	2x2	10+7	10.500	1260
	2	10.000	7.000	126
	2x2	10+7	10.500	525



Murtury	1	10.000	9.900	90
	1x2	0.10	7.000	266
	1	11.750	8.750	103
	1x2	11.750	8.750	287
	1	12.000	9.500	114
	1x2	12.000	10.500	452
TOTAL				49358

D11				4979
same qty of item No.22			2.000	12.16
1/2 qty of item No.23	2472			
Total				6215
Net				42.143
				608.40
				35051
				%SR

Paintings Doors and Windows any type old surface two coat

DW2	7x2	7.000	8.500	833
D3	4x2	5.000	8.500	340
D4	11x2	4.500	8.500	842
D5	2x13	3.500	8.500	774
D6	2x13	3.000	8.500	663
D6A	2x8	3.000	7.000	336
D7	2x19	2.750	6.500	679
D7	2x8	2.500	6.500	266
Murtury D1	4x2	3.500	7.000	196
	1x2	3.500	8.000	56
TOTAL				4979
				1138.20
				59160
				%SR

Painting fan light sashes etc glazed or wire glazed old surface two coat

Grill	2x6	6.000	8.500	612
	2x25	4.250	8.500	1806
Murtury	2x2	1.500	3.000	18
	2x2	3.000	3.000	36
TOTAL				2472
				30.80
				18065
				%SR

P.L. STONE TILE "MASTER OR EQ" WITH DRY WET / VENIED APPLICATION. 8"X24" SIZE LAID OVER A BED OF 3/4" THICK C/S MORTAR 1:2. 1/2" FILLING JOINTS WITH CEMENT MIXED WITH MATCHING PIGMENT COMPLETE IN ALL RESPECT AS APPROVED BY THE ENGINEER INCHARGE (DADO)

Front	1	(71+49)	16.750	2010
Left Side	1	(30.5+21.75+76)	16.750	2148
	1	(20+57+49.5+57)	16.750	3073
	1	(21+86+28.75)	16.750	2324
	1	(14.5+19.5+14.5)	16.750	812
	1	(12+20.5+36.5)	16.750	1156
	1	(6+13)	16.750	402
Back Side	1	(21.5+18.5+6)	16.750	770
	1	(6+34+35)	16.750	1273
	1	(32+6+18.5)	16.750	946
	1	(40+6+35)	16.750	1374
Right Side	1	(20.5+6+34.5)	16.750	1022
	1	(14.5+19.5+14.5)	16.750	821
	1	(10+24+22.5)	16.750	2286
	1	(49.5+22.75+22.5)	16.750	1545
	1	(22.5+22.5+22.5)	16.750	750
Murtury front side			3000	175
Back Side			3000	343

Right Side	1	21.750	14.000	305		
Left Side	1	25.000	14.000	350		
Kitchen F/B	2	26.750	13.000	696		
Sides	2	22.750	13.000	592		
			Total	25371		
WI	7	6.000	7.000	294		
Oppning	2	8.000	8.500	136		
W	28	6.000	6.000	1008		
	4	4.000	8.000	128		
	5	4.250	8.000	170		
	4	4.000	5.000	80		
	5	4.000	6.000	120		
Murtury D1	1	3.500	8.000	28		
CW	2	1.500	3.000	9		
D2	2	3.500	7.000	49		
			Total	2022		
Net Total		25371 (-)	2022	23349	241 00	5627100
					P.Sft	

1/2" of Aluminum composi panel Complete in all respect as approved by the Engineer Incharge.

Enterece	1	1361.000	4.000	5444		
	2	20.000	10.000	400		
	2	6.000	10.000	120		
			Total	5964	875 00	5218500
					P.Sft	

1/2" Louvers of M.S pipe frame 3"x1-1/2' 16" W.G. i/c carriage charges and erection in position complete in all respect & as approved by the Engineer Incharge.

	27	4.250	4.500	516		
	8	6.000	1.500	216		
	3	7.000	4.400	92		
			Total	825	295 73	24391
					P.Sft	

Providing and laying conglomerate flooring (work) with top layer of 1/2" (13mm) thick wearing surface, consisting of one part of cement and 2 parts of stone chips passing 1/16" (6 mm) sieve, over bottom layer of cement concrete 1:3:6, including surface finishing and dividing in panels: 1 1/2" (40 mm) thick i/c rbbing

Plinth	1	1361.000	3.000	4083	723 90	295273
					%SP.	

1/2" Cast iron rain water down pipe fixed in position excluding hed and shoes i/c painting

dia	30		14	420	237.65	99813
					P.Rft	

1/2" shoes bends or of set for cast iron rain water down pipe i/c fixing and painting

	30			30	352.55	10586
					Each	

1/2" cast iron rain water down pipe hed fixed in place

	60			60	624.15	37449
					Each	

Supply and erection of fancy LED Pannell ht 2'x2' i/c LED Light & Driver 36 (W) Philips (Alpha LED Ultra Slim) or equivalent i/c fixing in false ceiling and electric connection complete in all respect as approved directed by the Engineer Incharge

	31			31	300.00	93000
Total	30.60			10000.00		

S.F. English W.C. Porta made imported one piece double seat cover full size with thumb complete set color B.F. forte or equivalent complete in all respect as approved by the Engineer. Each set

	10		10	15000.00	150000
					Each
Deduct cost of old Material			Total	-22241922	
Deduct cost of old condum unserviceable down				2,20,31,111/-	

10' x 8' w/ahed chowkath	1	70.000	70.00	7000.00	70000
					Each
10' x 8' w/ds Chowkath	1	15	15	1000	60000
					Each
Deduct cost of old condum unserviceable steel window					
10' x 8' x 8'	1	11.000	11.00	2700.00	50000
					Each
10' x 8' x 2'	1	11.000	11.00	5000.00	275000
					Each
10' x 2' x 2'	1	40.000	40.00	800.00	70000
					Each
10' x 2' x 2'	1	1.000	1.00	1000.00	1000
					Each

Deduct old tile 60"x4 5"x1 5" 60% useable

21665x350x60	6000/	272979
100x100	5500	
45495	%0No	

Deduct old tile bats 40% useable

21665x40x0.125	2000	20000/
100	800	21660/-
1083	%C/N	

Total	447807 7,22,830/-
Net	2,13,08,281/-

Each area Rates 2nd B-1 Annual Notified by the Chief Engineer, (North Zone), Punjab Buildings Department Lahore No. 1187/1120 D dt 09-07-21 for 2nd Bi-Annual 2021 Period 1st July 2021 to 31st November 2021.

Sanitization Portion	22500	22500	118.00	2,655,000
				P.S.R
Public Health Portion	22500	22500	92.00	2,070,000
				P.S.R

Total	26211000 2,60,33,281/-
Qty	26211000
	2,60,33,000/-

Sub Divisional Officer
Buildings Sub Division
Talagang

Executive Engineer
Buildings Division
Chakwal




ANALYSIS OF RATE

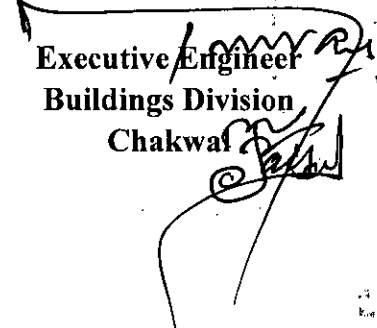
Supply and Installation of Street light single arm with 8 meter high octagonal pole (Factory made unit of Jamal Pipes) hot dip galvanized base 150mm and top dia 60mm thickness 350mm with arm length 500mm and base plate of 300x300x14mm thick with philips lamp Hrc 125 watt complete in all respect as approved and directed by the Engineer Incharge.

Unit of rate= Each

Based on MRS Bi annual 1st July 2021 to 31st December 2021 (District Chakwal)

S.No	Description	Nos	Length	Breadth	Depth	Qty	Rate	Unit	Amount
A	Material								
1	Cost of Street light pole comprising of M.S. sheet in octagonal shape 8 meter high single arm hot dip galvanized complete with philips lamp Hrc 125 watt Light, shade. etc	1				1			
	Total					1	33000	Each	33000
2	Cost of MS Bed Plate size 1.5'x1.5'x1/4"								
		1				1			
	1 No.@ 10.4 Kg/Each					10.4	20949.05	%Kg	2179
3	Excavation for pole								
		1	2	2	3	12			
	Total					12	8,078.40	%0Cft	97
4	Providing and laying PCC ratio 1:2:4								
		1	2	2	3	12			
	Total					12	24538.8	%Cft	2945
5	Cost of Electric Wire double core 7/036"								
		1	10			10			
	Total					10	171.25	P.Mtr	1713
6	Cost of Automatic Circuit Breaker i/c Plastic Board complete								
			L.S						750
	Total								40683
	Add 20% contractor Profit on item No.1&6.								6750
	Total								47433
B	Fixing Charges		L.S						5500
	Total								5500
	Add 20% contractor Profit.								1100
	Total								6600
	Total A+B								54033
	Rate Each								54000


 Sub Divisional Officer
 Buildings Sub Division
 Talagang

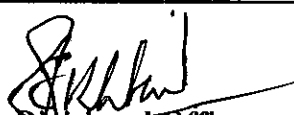

 Executive Engineer
 Buildings Division
 Chakwal


ANALYSIS OF RATE

P/F Glow Sign Board comprising of M.S square pipe frame 1.5"x1.5" 18 SWG, 1"x1" M.S square pipe with M.S Sheet 26 SWG with M.S pipe 3" dia vertical i/c angle iron bracket 1.5"x1.5"x3/16" and fixing best quality panaflex sheet i/c writing and i/c lighting arrangement and electric connection i/c carriage charges and erection in position complete in all respect & as approved by the Engineer Incharge.

Take an area 20'x4' having 80 Sft
Unit Rate P.Sft

Sr. No	Detail	Qty	Unit	Rate	Amount
A	MATERIAL				
1	Cost of M.S hallow pipe size 1.5"x1.5", 18 SWG				
	Top frame Horizontal 4x20	80			
		4x18	72		
		0.5 x18	9		
	Total	161			
	Add: 5% Wastage	8.05			
	Total	169.05	P.Rft	85	14369
2	Cost of M.S hallow pipe size 1"x1" 18 SWG				
		2x20	40		
	Total	40			
	Add: 5% Wastage	2			
	Total	42	P.Rft	60	2520
3	M.S pipe for post 3" (23.085) Page.21				
		2x20	40		
	Total	40			
	Add: 5% Wastage	2			
	Total	42	P.Rft	366	15372
4	Cost of imported M.S sheet 26 SWG of approved colour best quality (12.157 P.11)				
		20x4	80		
		2x24	48		
	Total	128			
	Add: 5% Wastage	6			
	Total	134			
		134x0.363=48.64 Kg	48.64		
	Total	48.64	P.Rft	115	5594
5	P/F M.S angle iron 1-1/4"x1-1/4"x3/16" (12.119 P9)				
		11x4	44		
		44x0.67=29.48 Kg	29.48	Kg	
	Total	29.48	Kg	140.27	4135
6	P/F Plastic Panaflex sheet i/c writing				
		20x4	80.00	Sft	
	Total	80.00	Sft	500	40000
7	Cost for Electric lights, cable, board etc				
		4.00	No.	1300	5200
8	Cost of blind rivets screws etc				
				L.S	2000
9	Cost of welding rods	8	P.Pkt	700	5600
10	Excavation				
		2x2x2x2	16	%0Cft	8078.40
11	Cement Concrete (1:2:4) 2x2x2x2	16	%Cft	24538.80	3926
12	Carriage charges			L.S	2000.00
13	Labour charges				
		1x20x4	80	P.Sft	12000
	Total				112845
	Add: 20% Contractor Profit on all iteme except item No.10,11 on Rs. 108790/-				
					21758
	Total				134603
	Rate P.Sft	134603	\	80	1683
				Say Rs. P.Sft	1683


Sub Divisional Officer
Buildings Sub Division
 Talagang


Executive Engineer
Buildings Division
 Chakwal 137

**Detail Estimate of Tuff Paver
(MRS July 2021 to December 2021.)**

S. No	Description	No	Measurements			Qty	Rate Rs.	Amount Rs.	
			L ft.	B ft.	H ft.				
1	Excavation in foundation of building bridges and other structures i/c dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead up to one chain and lift up to 5 feet. West	1	154.000	1.500	1.000	231			
		2	31.000	1.500	1.000	93			
		2	50.000	1.500	1.000	150			
						<u>Total</u>	474	8078.40	3829
								%oct	
2	P/L brick or stone ballast 1-1/2"x2' guage with 1:6:18.	1	154.000	1.500	0.250	58			
		2	31.000	1.500	0.250	23			
		2	50.000	1.500	0.250	38			
						<u>Total</u>	119	12009.90	14232
								%cft	
3	Pucca brick work 1:6 in Foundation and plinth	1	154.000	0.750	1.250	144			
		2	31.000	0.750	1.250	58			
		2	50.000	0.750	1.250	94			
						<u>Total</u>	296	22964.45	68032
								%cft	
4	P/L Tuff Pavers having 7000 psi crushing strenght of approved manufacture over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to requir slop complete in all respect. (50% grey / 50% colored 60mm thick F.S	1	190.000	40.000		7600			
	do-	1	200.000	25.000		5000			
	walkway	1	85.000	12.000		1020			
						<u>Total</u>	13620	109.80	1495476
								P. Sft	
5	P/L PCC 1:2:4 I/c placing compacting finishing and washing of stone	1	154.000	0.750	0.250	29			
		2	31.000	0.750	0.250	12			
		2	50.000	0.750	0.250	19			
						<u>Total</u>	59	24538.80	14539.24
								% Cft	
6	1/2" thick cement plaster 1:4 cement sand mortar upto 20' height	1	154.000	0.750	1.000	116			
		2	31.000	0.750	1.000	47			
		2	50.000	0.750	1.000	75			
						<u>Total</u>	237	2306.40	5466.168
								% Sft	
							Total		1601574
							Say		1602000

[Signature]
Sub Divisional Officer
Buildings Sub Division
Talagang

[Signature]
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Buildings Division
Chakwal

**Analysis of PCC walkway
(MRS July 2021 to December 2021)**


S. No	Description	No	Measurements			Qty	Rate Rs.	Amount Rs.
			L ft.	B ft.	H ft.			
1	Excavation in foundation of building bridges and other structures I/c dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead up to one chain and lift up to 5 feet. West	2	10.000	1.500	1.000	<u>30</u> 30	8078.40	242
							%oct	
2	Sand Filling Under Floor	1	10.000	8.500	0.250	21	2119	450
							%Cft	
3	P/L dry Rammed brick or stone ballast 1-1/2"x2' guage with 25% sand.	2	10.000	1.500	0.250	8		
		1	10.000	8.500	0.333	<u>28</u>		
					Total	36	5435.70	1946
							%cft	
4	Pucca brick work 1:6 cement sand mortar in Foundation and plinth Toe wall	2	10.000	1.125	0.250	6		
		2	10.000	0.750	1.000	<u>15</u>		
					Total	21	22964.45	4736
							%cft	
5	P/L 3" thick Topping (1:2:4) i/c surface finishing & dividing into	1	10.000	10.000		<u>100</u> 100	7729.90	7730
							% Sft	
6	1/2" thick cement plaster 1:4 cement sand mortar upto 20' height	2	10.000		1.000	20	2306.40	461
							% Sft	

Total 15566

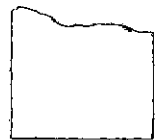
Rate per Sft = $\frac{15566}{100}$

155.66

Say 156
P.Sft


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11 1/2" thick plaster 1:4 Cement
sand mortar upto 20' height i/c
floating coat of neat cement 1/32"
thick

Same Qty of item No.2

3150 1311 41297
%Sft

12 Cement pointing 1:2 cement
sand mortar

1 550.000 7.000 3850
73 1.875 7.000 958
2 550.000 1.500 1650

Below DPC

Total 6458 2517.60 162590
%Sft

13 P/L Plain Cement Concrete 1:2:4

1 550.000 1.125 0.125 77 24538.80 18979
%Sft

14 Preparing surface and painting
with weather shield on new
surface i/c primary coat

same qty of item no.10

same qty of item no.11

same qty of item no.12

3275
3150
6458
Total 12883 3116.00 401442
%Sft

15 Preparing surface and painting
with weather shield on old surface

B/S

2 648.000 7.000 9072

F/S

2 664.000 7.000 9296

R/S

2 510.000 7.000 7140

L/S

2 564.000 7.000 7896

Total 33404
(-) 12883
Net 20521 1034.00 212185
%Sft

D/D Qty of item No.14

Total 2832800

Recovery of old material

i D/D cost of old brick 60%
useable

3547x60x1350

100x100

28731 5500 158021
%0 No

ii D/D cost of old brick bats 40%
useable


3547x40

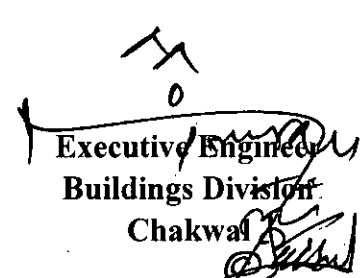
100

1418 900 12762
% Cft
Total 170783

G.Total 2662018

Say 2662000



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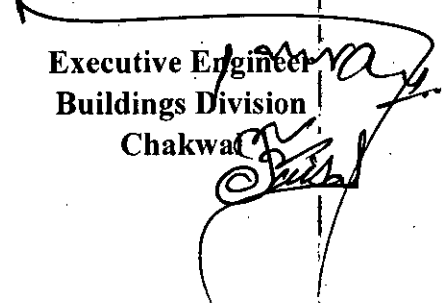

Executive Engineer
Buildings Division
Chakwal

ANALYSIS OF RATE

P/F Reverse Osmosis Drinking water Filtration Plant Capacity 500-600Ltr LPH with blending UF membran complete as approved and directed by the Engineer Incharge.

		Unit Rate Each				
S.No.	Description	Quantity		Rate per unit (Rs)		Amount
	Material.					
1	P/F Reverse Osmosis Drinking water Filtration Plant Capacity 500-600Ltr LPH with blending UF membran	1	No.	1074500	P.Job	1074500
					Total	1074500
	05% contractor's profit on Rs.850000/-					42500
	Total			Total Rs		1117000
				Say Rs		1117000


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7

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Chakwal



DM Water Treatment System

Deals: All Kinds of Commercial & Industrial Reverse Osmosis RO Water Treatment System Plants & Drinking Ultra Water Filtration Plants. Repairing Services & Maintenance, All RO Spare Parts available and General Order Suppliers

Ref. No. 9210-21

Date: 23-07-2021

To,
Executive Engineer Buildings
Division Chakwal

Quotation

Subject: Reverse Osmosis Drinking Water Treatment Filtration Plant With Blending UF Membrane

Sr. No	Description	Unit Price	Quantity	GST 17%	Sub Amount
01	Reverse Osmosis Water Treatment Filtration Plant (Technical Specification is attached herewith)	850,000	01 Unit	144,500	994,500.00
02	Carriage Transport Charges	80,000	01 Unit	Nil	80,000.00

Total Amount: Rs. 1074,500.00/

Terms and Conditions:

1. Payments Terms: 50% Advance 50% After installation.
2. Delivery: Within 2~3 week after received confirmed order PO.
3. Installation: Will be free by the Company.
4. R O Plant Warranty: One Year Parts against any manufacturing defect.
5. R O Plant Services: One year R O Service Will be free by the Company.
6. PPM Schedule: Monthly Service Visit Will be between One Visit every month.

Customer's Responsibilities

- ✓ Inlet Water connection.
- ✓ Any civil work required.
- ✓ Effluent drains from water plant.
- ✓ Electric supply.
- ✓ Space & drain etc.

Yours Truly,

(Hayat Khan)




Address: House # 2, St# 7, Main Road Ismail Town Harbansepura Lahore Cantt
Cell # 0333-4434103-0300-4607592 Email dmhayatkhan@gmail.com info@dmwater.net / www.dmwater.net


REVAMPING OF SEWERAGE SYSTEM
(MRS July 2021 to December 2021)

S/No	Description	No	Measurements			Qty	Rate Rs.	Amount Rs.
			L ft.	B ft.	H ft.			
1	Earthwork excavation in open cutting for sewers and manholes in all types of soil except shingle, gravel and rock from 0 ft to 7 ft depth.	1	250	4.500	6.000	<u>6750</u> 6750	6683.30 %ocft	45112
2	Cement concrete brick or stone ballast 1.5" to 2" gauge in foundation and plinth (1:4:8)	1	250	4.500	0.500	<u>563</u> 563	15212.70 %ocft	85571
3	Providing and laying R.C.C. pipe 15" dia 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 to correct alignment and grade, jointing with rubber ring,	1	250			250	686.25 P.Rft	171563
4	Filling, watering and ramming earth under floors with surplus earth from foundation, etc. Take 2/3rd of item no.1				2/3*6750	4500	3867.60 %o cft	17404
5	Construction of Main Hole 4'x4' (Detail Attached)	1	10			10	50000.00 Each	500000
6	Construction of Manhole 5' dia (Detail Attached)	1	10			10	76000.00 Each	760000
7	S/F cost iron MainHole Cover 12" dia with frame etc	20				20	422.70 Each	8454

Total 1588104

Say 1588000



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Talagang

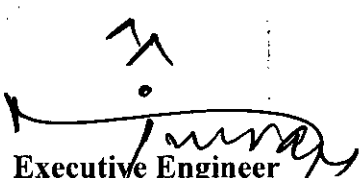

Executive Engineer
Buildings Division
Chakwal

ANALYSIS OF RATE FOR MAINHOLE. (4'x4'x6')

(MRS: 1st July 2021 to 31st December 2021)

S/No	Description	No	Measurements			Qty	Rate Rs.	Amount Rs.	
			L ft.	B ft.	H ft.				
1	Earthwork excavation in open cutting for sewers and manholes in all types of soil except shingle, gravel and rock from 0 ft to 7 ft depth.	1	6.000	6.000	6.000	216	6683.30 %ocft	1444	
2	Cement concrete brick or stone ballast 1.5" to 2" gauge in foundation and plinth (1:6:12))	1	6.000	6.000	0.500	18	13037.10 %cft	2347	
3	Pacca brick work in cement sand mortar 1:4 other than building up to 10 feet high	2	5.500	0.750	5.500	45			
		2	4.000	0.750	5.500	33			
						78	24758.40 %cft	19404	
4	Plain cement concrete ratio 1:2:4 I/c placing, compacting, finishing and curing complete.	1	4.000	4.000	0.250	4			
						4	24538.80 %cft	982	
5	Cement plaster 1:4 up to 20' height 1/2" thick					1x2(4+4)x5.25	84	2306.40 %sft	1937
6	Reinforced cement concrete in roof slab, beams, columns lintels girders and other structural members with nominal mix 1:2:4	1	5.500	5.500	0.500	15			
		22	1.833	1.833	0.333	1			
						14	390.40 P.cft	5514	
7	Fabrication of mild steel reinforcement for cement concrete including cutting bending, laying in position, making joints and fastening, including cost of binding wire and labour charges for binding of steel reinforcement deformed bars					14x6.50x0.454	42	19988.70 %kg	8332
8	P/F of 6" Thick RCC man hole cover 22" dia with T shaped C,I frame of 20" wiring 37.324 Kg Complete.						1.00	11435.15 Each	11435
							Total	49951	
							Say	50000	

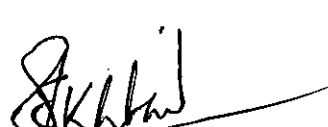

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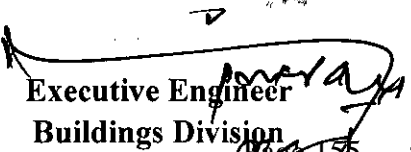

Executive Engineer
Buildings Division
Chakwal

**ANALYSIS OF RATE FOR CONSTRUCTION OF MANHOLE CHAMBER 5' DIA 13.549'
DEPTH FOR 18" DIA SEWER.**

(MRS: 1st July 2021 to 31st December 2021)

S/No	Item	Description	No	Measurements			Qty	Rate	Rs.	Amount Rs.
				L ft.	B ft.	H ft.				
1	i	Earthwork excavation in open cutting for sewers and manholes in all types of soil except shingle, gravel and rock from 0 ft to 7 ft depth.	1	3.142x9.25x9.25x0.25		7.000	470.47	6683.30	3144	
								%cft		
	ii	do-- 07ft to 15 ft depth	1	3.142x9.25x9.25x0.25		6.650	446.94	11245.20	5026	
								%cft		
2		Dry rammed brick or stone ballast 1-1/2" to 2"	1	3.142x9.25x9.25x0.25		1.000	67.21	5435.70	3653	
								%Cft		
3		Cement concrete brick or stone ballast 1.5" to 2" gauge in foundation and plinth (1:6:12)	1	3.142x8.25x8.25x0.25		0.670	36	13037.10	4669.889	
								%cft		
4		Pacca brick work in cement sand mortar 1:4 other than building up to 10 feet high								
				3.142x6.125x1.125x3.98			86.17			
				3.142x5.750x0.75x3.75			50.81			
				3.142x(5.75+2.58)/2x0.75x3.75			36.81			
						Total	173.79			
		D/D for pipe		2x3.142x2x2x1.125x0.25			11.05			
						Net	162.74	24758.40	40292	
								%cft		
5		Plain cement concrete ratio 1:2:4 l/c placing, compacting, finishing and curing complete.								
				3.142x5x5x0.25x2.42			47.523			
		D/D		3.142x2x2x0.25x0.50x5			7.860			
				1x5x2x1			10			
						Total	29.66			
		for man hole cover	3	2.580	0.750	0.500	3.04			
							32.70	24538.80	8025	
								%cft		
6		Cement plaster 1:4 up to 20' height 1/2" thick								
				3.142x7.25x3.98			90.660			
				3.142x6.5x3.75			76.590			
				3.142x(6.5+3.33)/2x3.75			57.910			
						Total	225.16			
		D/D for pipe		2x3.142x2.50x2.50x0.25			9.82			
						Net	215.34	2306.40	4967	
								%sft		
7		P/F of 6" Thick RCC man hole cover 22" dia with T shaped C,I frame of 20" wiring 37.324 Kg Complete.					1.00	11435.15	11435	
								Each		
8		Providing and fixing 1 1/4"x1 1/4"x3/16" (31x31x5 mm) angle iron step, in manhole chambers, including carriage and setting the same in work to correct lines and levels.	8				8	396.65	3173	
								Each		
								Total	76215	
								Say	76000	


Sub Divisional Officer
Buildings Sub Division
Talagang


Executive Engineer
Buildings Division
Chakwal

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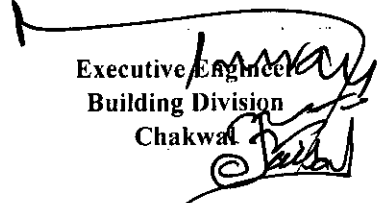
PART B
REVAMPING OF RESIDENCES

**REVISED ROUGH COST ESTIMATE FOR THE WORK "PROGRAMME FOR
REVAMPING OF ALL TEHSIL HEAD QUARTER HOSPITAL IN PUNJAB (ONE AT
THQ HOSPITAL DISTRICT CHAKWAL)" DP NO.792 FOR THE YEAR 2021-22.**

ABSTRACT OF RESIDENCES

S.No	Description	Amount Rs
1	Revamping of Residences 2450 Sft=2 Nos 2x5373000=10746000	10746000
2	Revamping of Residences 1650 Sft=4 Nos 4x4162000=16648000	16648000
3	Revamping of Residences 1250 Sft=2 Nos 2x3057000=6114000	6114000
4	Revamping of Residences 1000 Sft=4 Nos 4x2899000=11596000	11596000
5	Revamping of Residences 606 Sft=10 Nos 10x1411000=14110000	14110000
6	Revamping of Residences 404 Sft=12 Nos 12x885000=10620000	10620000
7	Revamping of Water supply System	7004000
8	Revamping of Sewerage System	4661000
9	Revamping of Boundary Wall	5299000
	Total	86798000




 Sub Divisional Officer
 Buildings Sub Division
 Talagang.



 Executive Engineer
 Building Division
 Chakwal


ROUGH COST ESTIMATE FOR THE WORK REVAMPING OF RESIDENCES IN THQ HOSPITAL TALAGANG.

Sr No.	Description of Item	Plinth Area	Unit	Rate P.Sft						Amount	Remarks
				B.P	Extra for Strip foundation	Extra for Frame Structure	E.I	P.H	S.G		
1	Revamping of Residences 2450 Sft=2 Nos 2x5373000=10746000									10,746,000	Detail Attached
2	Revamping of Residences 1650 Sft=4 Nos 4x4162000=16648000									16,648,000	Detail Attached
3	Revamping of Residences 1250 Sft=2 Nos 2x3057000=6114000									6,114,000	Detail Attached
4	Revamping of Residences 1000 Sft=4 Nos 4x2899000=11596000									11,596,000	Detail Attached
5	Revamping of Residences 606 Sft=10 Nos 10x1411000=14110000									14,110,000	Detail Attached
6	Revamping of Residences 404 Sft=12 Nos 12x885000=10620000									10,620,000	Detail Attached
7	Revamping of Water supply System									7,004,000	Detail Attached

8	Revamping of Sewerage System										4,661,000	Detail Attached
9	Revamping of Boundary Wall										5,299,000	Detail Attached
Total Rs											86,798,000	
Add 5% PRA											4,339,900	
G. Total Rs.											91,137,900	
Say Rs.											91,138,000	
Or											91.138	Million


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 Talagang


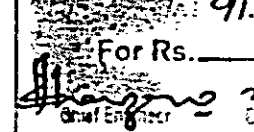
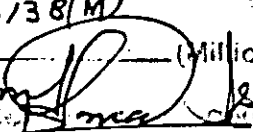
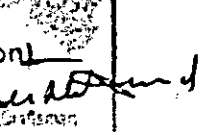

Executive Engineer
 Buildings Division
 Talagang


Superintending Engineer
 Building Circle No. 2
 Rawalpindi

TECHNICALLY VETTED

91.138/M

For Rs. _____ (Million)

Chief Engineer Chief Engineer Chief Engineer
 Punjab Buildings Dept. Punjab Buildings Dept. Punjab Buildings Dept.
 North Zone, Lahore North Zone, Lahore North Zone, Lahore

Detail for Revamping of Residences grade 18 - 19 at THQ Hospital Talagang. (2450 Sft)

MRS: July 2022 To December 2022.

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
1	Scraping cement plaster from walls (Page 37 item 48)							
	front side	1	54.500		19.000	1036		
	back side	1	82.500		19.000	1568		
	Right side / Left side	2	48.000		19.000	1824		
	Porch column	4	4.000		9.000	144		
	bed	2	11.500		11.000	253		
		2	14.000		11.000	308		
	bath	4	5.000		11.000	220		
		4	6.500		11.000	286		
	gallary	2	13.000		11.000	286		
		1	4.000		11.000	44		
	guest room	2	18.000		11.000	396		
		2	13.000		11.000	286		
	dinning	2	11.000		11.000	242		
		2	14.000		11.000	308		
	Kitchen	2	11.000		11.000	242		
		2	12.500		11.000	275		
	hall	2	22.000		11.000	484		
		2	12.500		11.000	275		
	bed	2	18.000		11.000	396		
		2	13.000		11.000	286		
	bed	2	14.500		11.000	319		
		2	12.000		11.000	264		
	store	2	8.000		11.000	176		
		2	7.000		11.000	154		
	bath	2	6.500		11.000	143		
		2	7.500		11.000	165		
	Bed	2	11.000		11.000	242		
		2	14.000		11.000	308		
		2	6.000		11.000	132		
	bath	2	5.000		11.000	110		
		2	6.000		11.000	132		
	courtyard wall	2	64.000		6.000	768		
	Gate pillar	2	9.000		7.000	126		
					Total	12197	423.30	51630
							%Sft	
2	Racking and washing joints of brick masonry (old work) Page77 item 21.							
	courtyard wall	2	64.000		6.000	768		
		2	97.000		6.000	1164		
					Total	1932	660.00	12751
							%Sft	
3	Dismantling first class tile roofing page 35 item 22-a							
		1	53.000	46.500		2465		
					Total	2465		
	deduction opening	1	18.750	14.125		265		
	khura	5	2.000	2.000		20		
					Total	285		
					Net	2180	1523.80	33214
							%Sft	
4	Removing door with chowkat page 36 item 32-a	17				17	438.00	7446
							Each	
5	Removing windows and skylights with chowkat page 36 item32-b	14				14	341.50	4781
							Each	

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
6	Cement plaster 1:4 with floating coat of 1/32" thick neat cement (Page 78 item 9 + item 13) Same Qty of Item No 01					12197	5077.50	619303
							%Sft	
7	Single layer of tiles 9" *4.5" *1.5" laid over 4" earth and 1" mud plaster with out bhoosa ,grouted with cement sand 1:3 on top of R.C.C roof slab, (without bituman and polythen) (page 61 item 5) same Qty of item No.3					2180	6850.65	149321
							%sft	
8	Cement pointing deep struck joints on walls up to 20' height with cement sand mortar ratio 1:2 (page 77 item 18-a) same Qty of item No.2					1932	3516.15	67932
							%sft	
9	P/L P.C.C 1:2:4 complete in all respect (Page 42 item 5-F)							
	Gola	2	53.000	0.333	0.167	6		
		2	46.500	0.333	0.167	5		
	Khura	5	2.000	2.000	0.250	5		
						Total	16	36858.90
							%Cft	5922
10	Preparing surface and painting with Emulsion paint old surface two coat i/c Scraping ordinary distempering / oil distemper or paint of walls. (page 96 item 31 + Page 38 item 49-b)							
	ceilling porch	1	14.000	11.000			154	
	gallary	1	21.000	5.000			105	
	bed	1	11.500	14.000			161	
	bath	2	5.000	6.500			65	
	gallary	1	13.000	4.000			52	
	guest room	1	18.000	13.000			234	
	dinning	1	11.000	14.000			154	
	kitchen	1	11.000	12.500			138	
	hall	1	22.000	12.500			275	
	bed	1	18.000	13.000			234	
	bed	1	14.500	12.000			174	
	store	1	8.000	7.000			56	
	bath	1	6.500	7.500			49	
	bed	1	11.000	14.000			154	
		1	6.000	6.000			36	
	bath	1	5.000	6.000			30	
						Total	2070	2796.55
							%Sft	57896
11	Preparing surface and painting with Emulsion paint New surface three coat (page 96 item 31)							
	bed	2	11.500		10.500	242		
		2	14.000		10.500	294		
	bath	4	5.000		4.000	80		
		4	6.500		4.000	104		
	gallary	2	13.000		10.500	273		
		1	4.000		10.500	42		
	guest room	2	18.000		10.500	378		
		2	13.000		10.500	273		
	dinning	2	11.000		10.500	231		
		2	14.000		10.500	294		
	Kitchen	2	11.000		8.000	176		
		2	12.500		8.000	200		
	hall	2	22.000		10.500	462		
		2	12.500		10.500	263		
	bed	2	18.000		10.500	378		
		2	13.000		10.500	273		
	bed	2	14.500		10.500	305		

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
		2	12.000		10.500	252		
	store	2	8.000		10.500	168		
		2	7.000		10.500	147		
	bath	2	6.500		4.000	52		
		2	7.500		4.000	60		
	Bed	2	11.000		10.500	231		
		2	14.000		10.500	294		
		2	6.000		10.500	126		
	bath	2	5.000		4.000	40		
		2	6.000		4.000	48		
					Total	5685		
	D/D D1	5	3.500		7.000	123		
	D2	1	4.000		8.500	34		
	D3	1	3.500		6.000	21		
	D4	1	3.000		7.000	21		
	D5	1	5.000		7.000	35		
	D6	6	2.500		7.000	105		
	W1	5	5.000		5.000	125		
	W2	1	9.000		5.000	45		
	W3	2	6.000		4.500	54		
	W4	1	4.000		5.000	20		
	CW	5	3.000		2.000	30		
					Total	613		
					Net	5072	2917.75	147988
							%Sft	

12 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive / bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed tiles 600mmx 600 mm (Page 73 item 42-a-ii)

	porch	1	14.000	11.000		154		
	gallary	1	21.000	5.000		105		
	bed	1	11.500	14.000		161		
	bath	2	5.000	6.500		65		
	gallary	1	13.000	4.000		52		
	guest room	1	18.000	13.000		234		
	dinning	1	11.000	14.000		154		
	kitchen	1	11.000	12.500		138		
	hall	1	22.000	12.500		275		
	bed	1	18.000	13.000		234		
	bed	1	14.500	12.000		174		
	store	1	8.000	7.000		56		
	bath	1	6.500	7.500		49		
	bed	1	11.000	14.000		154		
		1	6.000	6.000		36		
	bath	1	5.000	6.000		30		
	door cill D1	5	3.500	1.125		20		
	D2	1	4.000	1.125		5		
	D3	1	3.500	1.125		4		
	D4	1	3.000	1.125		3		
	D5	1	5.000	1.125		6		
	D6	6	2.500	1.125		17		
					Total	2124	340.50	723307
							P.Sft	

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			

13 Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting / dado of specified size, Color and Shade with adhesive / bond over 1/2" thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed Tile 600mm x600 mm (Page 73 item 43-a-ii)

bed	2	11.500		0.333	8		
	2	14.000		0.333	9		
gallary	2	13.000		0.333	9		
	1	4.000		0.333	1		
guest room	2	18.000		0.333	12		
	2	13.000		0.333	9		
dinning	2	11.000		0.333	7		
	2	14.000		0.333	9		
Kitchen	2	11.000		3.000	66		
	2	12.500		3.000	75		
hall	2	22.000		0.333	15		
	2	12.500		0.333	8		
bed	2	18.000		0.333	12		
	2	13.000		0.333	9		
bed	2	14.500		0.333	10		
	2	12.000		0.333	8		
store	2	8.000		0.333	5		
	2	7.000		0.333	5		
Bed	2	11.000		0.333	7		
	2	14.000		0.333	9		
	2	6.000		0.333	4		
				Total	297	340.50	101189
						P.Sft	

14 Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy / Matt / Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect sand as approved and directed by the Engineer Incharge. 12"x18", 12"x24", 10"x24", 8"x24", 12"x36" (page 70 item 24-a)

bath	2	5.000	6.500		65		
bath	1	6.500	7.500		49		
bath	1	5.000	6.000		30		
				Total	144	239.90	34486
						P.Sft	

15 Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy / Matt / Texture skirting / dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge. 12"x18", 12"x24", 10"x24", 8"x24", 12"x36" (page 70 item 25-a)

bath	4	5.000		7.000	140		
	4	6.500		7.000	182		
bath	2	6.500		7.000	91		
	2	7.500		7.000	105		
bath	2	5.000		7.000	70		
	2	6.000		7.000	84		
				Total	672		
D/D D1	4	2.500		7.000	70		
				Net	602	292.65	176175
						P.Sft	

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			

16 Providing and laying flooring with China Verona Marble having uniform texture (Spotless) of required size and specified thickness, with adhesive bond over 3/4" thick bedding of (1:2) cement sand mortar i/c the cost of matching sealer, cutting, grinding and chemical polishing complete in all respect as approved and directed by the Engineer Incharge. /4" thick (12"x24"/12"x36") (page 73 item 45-ii)

Kitchen	1	11.000	2.500	28
	1	12.500	2.500	31
Step	1	21.000	4.000	84
	2	4.000	4.000	32
Window cill W1	5	5.000	1.125	28
W2	1	9.000	1.125	10
W3	2	6.000	1.125	14
W4	1	4.000	1.125	5
CW	5	3.000	1.125	17

Total 248 368.70 91392
P.Sft

17 Providing and fixing mild steel chowkat of doors, windows, C.windows etc including holdfast, hinges etc complete made of M.S making and threading holes for angle iron 1-1/2"*1-1/2"*1/4" welded with M.S. flat 2"*1/4" (Page 83 item 15-a)

D1	5	3.500	7.000	123
D2	1	4.000	8.500	34
D3	1	3.500	6.000	21
D4	1	3.000	7.000	21
D5	1	5.000	7.000	35
D6	6	2.500	7.000	105

Total 339 402.85 136365
P.sft

18 P/F1-1/2" 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 woodin 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. (page 88 item 52)

D1	5	3.250	6.875	112
D2	1	3.750	6.875	26
D3	1	3.250	5.875	19
D4	1	2.750	6.875	19
D5	1	4.750	6.875	33
D6	6	2.250	6.875	93

Total 301 678.55 204222
P.Sft

19 Providing and fixing 1/2" (40 mm) thick deodar wood panelled or panelled and glazed, doors and windows, i/c grill etc. complete in all respects (excluding sliding bolt or lock) with:- (page 88 item 49 + page 209 item 58)

D2	1	4.000	1.500	6	2019.60	12118
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P.Sft

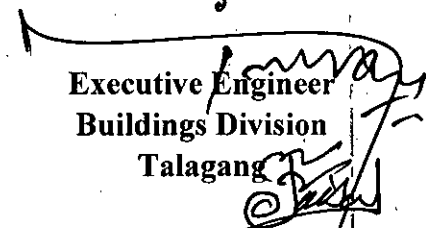
20 Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt,lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge Oak/Ash wood Door 1-1/2" thick (40 mm) (page 81 item 07-b-iii)

2 4.000 7.000 56 2032.05 113795
P.Sft

S/NO	Description	No	Measurements			Qty	Rate	Amount
			I.	II	III			
<p><i>Additional</i> P/F UPVC double-pressed-double-glazed windows best quality 21 complete in all respect as approved by the Engineer Incharge. (N.S) <i>of a. Sri. B. H. Raju</i></p>								
	W1	5	5.000			125		
	W2	1	9.000			45		
	W3	2	6.000			54		
	W4	1	4.000			20		
	CW	5	3.000			30		
						<u>Total</u>	<u>274</u>	
							<i>3271.50</i>	
							<i>7752.2</i>	
							<i>35272.2</i>	
							P.SR	
22	Making and fixing of steel grated Door with 1/16" thick sheeting, 1/2" angle iron frame 2"x2"x3/8" and 3/4" square bars 1" c/c with locking arrangement (page 204 item 31)	1	11.500			69	2372.20	163723
								P.SR
23	P/F 3/4" dia heavy duty sliding bolt of specified material 1/2 the cost of iron 12" (300 mm) long (Page 92 item 61-a(i))	9				9	470.00	4230
								Each
	ii do- 10" (250 mm) long	6				6	410.00	2460
								Each
24	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion 1/2 c grouting with sand in joints 1/2 finishing to require slope. complete in all respect. (50% Grey / 50% Coloured) 60 mm thick	1	30.000	10.000		300	154.90	46470
								P.SR
25	Providing and fixing automatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge. (Page 91 item 67)	2				2	2932.00	5864
								Each
26	Mosaic dado or skirting 3/8" thick with one part of grey cement and marble powder in the ratio of 3:1 and 2 parts of marble chips, laid over 1/2" thick cement plaster 1:3, complete with finishing (page 72 item 37)	1	60.500			4.000	242	
	plinth	1	89.000			4.000	356	
						<u>Total</u>	<u>598</u>	<u>16595.0</u>
								99238
								%ft
27	Praparing surface and Paintings with wheather shield paint on New surface Two coat 1/2 Primary coat (Page 98 item 32-a(b)+Page 38 item 49-b)	1	54.500			19.000	1036	
	front side	1	82.500			19.000	1568	
	back side	2	48.000			19.000	1824	
	Right side / Left side	4	4.000			9.000	144	
	Porch column	4	64.000			6.000	1536	
	courtyard wall	3	97.000			6.000	1746	
	Gate pillar	2	9.000			7.000	126	
						<u>Total</u>	<u>7979</u>	<u>5245.30</u>
								418522
								%ft
28	Providing and fixing wooden box type wardrobe 22" (550 mm) deep including 3/4" (20 mm) thick boxing and shelves, hanger rods, hard board back drawers, brass fittings, locking arrangements, handles, internal bolts, shoe rods, etc. including three coats of enamel paint:- Partial wood boxing and deodar wood shelves and leaves, etc. (Page 85 Item 26)	1	10.000			11.000	110	2070.55
								227761
								P.SR
29	Providing and fixing Vin board cabinet 3/4" thick with drawers 3" deep in Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges, screws etc., complete in all respects. 2' deep, with back (page 89 item 59-iv)	1	11.000			2.500	28	
		1	10.000			2.500	25	
						<u>Total</u>	<u>53</u>	<u>1243.55</u>
								65286
								P.SR
								<i>235 @ 525/45</i>
								<i>123480</i>
								<i>298-87E of PVC super conductor cable</i>
								<i>7/20/44 twin core</i>
								<i>1 x 235</i>
								<i>235 @ 525/45</i>
								<i>123480</i>

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
31	Add for Electric Installations					2450	222.00	543900
							P.Sft	
32	Add for Public Health					2450	117.00	286650
							P.Sft	
							Total A	5514055
Credit of old material								
i	1st class brick tiles 9"x4.5"x1.5" size useable 60%							
			2180x350x60					
			100x100			4578	7000	32046
							%Nos	
ii	old bricks and tiles bats 40%							
	Tiles 9"x4.5"x1.5" size		2180x40x0.125					
			100			109		
						Total	109	2180
							%Cft	
iii	solid flush doors un-serviceable with M.S Chowkat					16	2500.00	40000
							Each	
iv	Steel grated doors un-serviceable					1	7500.00	7500
							Each	
v	Steel window un-serviceable					9	3500.00	31500
							Each	
vii	Steel C-window un-serviceable					5	1500.00	7500
							Each	
viii	Un-serviceable sanitary items (L.S)							15000
ix	Un-serviceable Electric items (L.S)							5000
							Total B	140726
							Net A-B	5373329
							Say	5373000


 Sub Divisional Officer
 Buildings Sub Division
 Talagang


 Executive Engineer
 Buildings Division
 Talagang

Detail for Revamping of Residences at THQ Hospital Talagang. (1650 Sft)

MRS: July 2022 To December 2022.

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
1	Scraping cement plaster from walls (Page 37 item 48)							
	Front	1	17.000		31.000	527		
	back side	1	27.375		31.000	849		
	parapit	1	30.500		5.000	153		
	Tarrace	1	15.000		6.000	90		
	Ground floor bed	2	12.000		11.000	264		
		2	15.000		11.000	330		
	bed	2	12.000		11.000	264		
		2	24.000		11.000	528		
	Kitchen	2	12.000		11.000	264		
		2	8.000		11.000	176		
	gallary	1	9.000		11.000	99		
		2	4.000		11.000	88		
	First floor bed	4	12.000		11.000	528		
		4	15.500		11.000	682		
	bath	2	6.000		11.000	132		
		2	7.500		11.000	165		
	store	2	12.000		11.000	264		
		2	7.500		11.000	165		
	round area outer side	1	30.000		24.000	720		
	inner side	1	27.000		24.000	648		
	courtyard wall	2	31.000		6.000	372		
		1	75.000		6.000	450		
					Total	7757	423.30	32836
							%Sft	
2	Racking and washing joints of brick masonry (old work) Page77 item 21.							
	courtyard wall	1	30.500		24.000	732		
		1	75.000		6.000	450		
		2	31.000		6.000	372		
					Total	1554	660.00	10256
							%Sft	
3	Dismantling first class tile roofing page 35 item 22-a							
	khura	1	25.000	26.000		650		
					Total	650		
		2	2.000	2.000		8		
					Total	8		
					Net	642	1523.80	9783
							%Sft	
4	Removing door with chowkat page 36 item 32-a	14				14	438.00	6132
							Each	
5	Removing windows and skylights with chowkat page 36 item32-b	20				20	341.50	6830
							Each	
6	Cement plaster 1:4 with floating coat of 1/32" thick neat cement (Page 78 item 9 + item 13)							
	Same Qty of Item No 01					7757	5077.50	393868
							%Sft	
7	Single layer of tiles 9" *4.5" *1.5" laid over 4" earth and 1" mud plaster with out bhoosa ,grouted with cement sand 1:3 on top of R.C.C roof slab, (without bituman and polythen) (page 61 item 5)							
	same Qty of item No.3					642	6850.65	43981
							%sft	
8	Cement pointing deep struck joints on walls up to 20' height with cement sand mortar ratio 1:2 (page 77 item 18-a)							
	same Qty of item No.2					1554	3516.15	54641
							%sft	

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			

9 P/L P.C.C 1:2:4 complete in all respect (Page 42 item 5-F)

Gola	2	25.000	0.333	0.167	3		
	2	26.000	0.333	0.167	3		
Khura	2	2.000	2.000	0.250	2		
					Total	8	36858.90
							2828
							%Cft

10 Preparing surface and painting with Emulsion paint old surface two coat i/c Scraping ordinary distempering / oil distemper or paint of walls. (page 96 item 31 + Page 38 item 49-b)

ceilling bed	1	12.000	15.000		180		
	1	12.000	24.000		288		
kitchen	1	12.000	18.000		216		
gallary	1	9.000	5.000		45		
First floor bed	2	12.000	15.500		372		
bath	2	6.000	7.500		90		
store	1	12.000	7.500		90		
round area	1	11.000	7.500		83		
					Total	1364	2796.55
							38131
							%Sft

11 Preparing surface and painting with Emulsion paint New surface three coat (page 96 item 31)

Ground floor bed	2	12.000		10.500	252		
	2	15.000		10.500	315		
bed	2	12.000		10.500	252		
	2	24.000		10.500	504		
Kitchen	2	12.000		7.500	180		
	2	8.000		7.500	120		
gallary	1	9.000		10.500	95		
	2	4.000		10.500	84		
First floor bed	4	12.000		10.500	504		
	4	15.500		10.500	651		
bath	2	6.000		5.500	66		
	2	7.500		5.500	83		
store	2	12.000		10.500	252		
	2	7.500		10.500	158		
round area outer side	1	30.000		23.500	705		
inner side	1	27.000		23.500	635		
					Total	2957	
D/D D1	7	3.500		8.500	208		
D2	1	3.000		7.000	21		
D3	4	2.500		7.000	70		
W1	1	8.000		8.000	64		
W2	4	8.000		6.000	192		
W3	1	7.000		8.000	56		
W4	1	5.000		5.000	25		
CW	11	1.000		5.000	55		
	2	1.000		4.000	8		
					Total	699	
					Net	2257	2917.75
							65861
							%Sft

12 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive / bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed tiles 600mmx 600 mm (Page 73 item 42-a-ii)

bed	1	12.000	15.000		180		
	1	12.000	24.000		288		

S/No	Description	No	Measurements			Qty	Rate	Amount	
			L	B	H				
	kitchen	1	12.000	18.000		216			
	gallary	1	9.000	5.000		45			
	First floor bed	2	12.000	15.500		372			
	store	1	12.000	7.500		90			
	round area	1	11.000	7.500		83			
	door cill D1	7	3.500	1.125		28			
	D2	1	3.000	1.125		3			
	D3	4	2.500	1.125		11			
						Total	1316	340.50	447992

P.Sft

13 Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting / dado of specified size, Color and Shade with adhesive / bond over 1/2" thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed Tile 600mm x600 mm (Page 73 item 43-a-ii)

	Ground floor bed	2	12.000		0.333	8			
		2	15.000		0.333	10			
	bed	2	12.000		0.333	8			
		2	24.000		0.333	16			
	Kitchen	2	12.000		3.000	72			
		2	8.000		3.000	48			
	gallary	1	9.000		0.333	3			
		2	4.000		0.333	3			
	First floor bed	4	12.000		0.333	16			
		4	15.500		0.333	21			
	store	2	12.000		0.333	8			
		2	7.500		0.333	5			
	round area inner side	1	27.000		0.333	9			
						Total	226		

Deduction

	D1	7	3.500		0.333	8		
	D2	1	3.000		0.333	1		
	D3	4	2.500		0.333	3		
						Total	12	

Net 214 340.50 72778
P.Sft

14 Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy / Matt / Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect sand as approved and directed by the Engineer Incharge. 12"x18", 12"x24", 10"x24", 8"x24", 12"x36" (page 70 item 24-a)

	bath	2	6.000	7.500		90	239.90	21591
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P.Sft

15 Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy / Matt / Texture skirting / dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge. 12"x18", 12"x24", 10"x24", 8"x24", 12"x36" (page 70 item 25-a)

	bath	4	6.000		5.000	120		
		4	7.500		5.000	150		
						Total	270	

Net 245 292.65 71699
P.Sft

S/No	Description	No	Measurements			Qty	Rate	Amount	
			L	B	H				
16	Providing and laying flooring with China Verona Marble having uniform texture (Spotless) of required size and specified thickness, with adhesive bond over 3/4" thick bedding of (1:2) cement sand mortar i/c the cost of matching sealer, cutting, grinding and chemical polishing complete in all respect as approved and directed by the Engineer Incharge. 7/4" thick (12"x24"/12"x36") (page 73 item 45-ii)	2	4.000	4.000		32			
	Step	1	8.000	1.125		9			
	W1	4	8.000	1.125		36			
	W2	1	7.000	1.125		8			
	W3	1	5.000	1.125		6			
	W4	11	1.000	1.125		12			
	CW	2	1.000	1.125		2			
						Total	105	368.70	38760
									P.Sft

17	Providing and fixing mild steel chowkat of doors, windows, C.windows etc including holdfast, hinges etc complete made of M.S making and threading holes for angle iron 1-1/2"x1-1/2"x1/4" welded with M.S. flat 2"x1/4" (Page 83 item 15-a)	7	3.500			8.500	208		
	D1	1	3.000			7.000	21		
	D2	4	2.500			7.000	70		
	D3					Total	299	402.85	120553
									P.sft

18	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 woodin 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. (page 88 item 52)	7	3.250			6.875	156		
	D1	1	2.750			6.875	19		
	D2	4	2.250			6.875	62		
	D3					Total	237	678.55	160944
									P.Sft

19	Providing and fixing 1/2" (40 mm) thick deodar wood panelled or panelled and glazed, doors and windows, i/c grill etc. complete in all respects (excluding sliding bolt or lock) with:- (page 88 item 49 + page 209 item 58)	6	3.500			1.500	32	2019.60	63617
	D1								P.Sft

20	Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt, lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge Oak/Ash wood Door 1-1/2" thick (40 mm) (page 81 item 07-b-iii)	2	4.000			7.000	56	2032.05	113795
									P.Sft

21	<i>Aluminium</i> P/F UPVC double pressed double glazed windows best quality complete in all respect as approved by the Engineer incharge. (N.S)	1	8.000			8.000	64		
	W1	4	8.000			6.000	192		
	W2	1	7.000			8.000	56		
	W3	1	5.000			5.000	25		
	W4	11	1.000			5.000	55		
	CW	2	1.000			4.000	8		
						Total	400	3380.00	1512000

A. P/F PVC copper conductor cable
7/0.099 twin core

1 x 343

28-29/50
343 M
P.Sft
11318000
1802291

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
22	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. Double Leaf	1	4.000	6.000	24	1393.00	33432	
	Door					sft		
23	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of iron 12" (300 mm) long (Page 92 item 61-a(i))	7			7	470.00	3290	
						Each		
ii	do-- 10" (250 mm) long	5			5	410.00	2050	
						Each		
24	Providing and fixing automatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge. (Page 91 item 67)	2			2	2932.00	5864	
						Each		
25	Praparing surface and Paintings with wheather shield paint on New surface Two coat i/c Primary coat (Page 98 item 32-a(b)+Page 38 item 49-b)							
	Front	1	17.000	31.000	527			
	back side	1	27.375	31.000	849			
	parapit	1	30.500	5.000	153			
	Tarrace	1	15.000	6.000	90			
	courtyard wall	2	31.000	6.000	372			
		1	75.000	6.000	450			
	Same Qty of Item No.2				1554			
					Total 3994	5245.30	209504	
						%Sft		
26	Providing and fixing 2'-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia pipe railing of 18 SWG welded with vertical posts of 2" dia stainless steel round/ Squar pipe/ Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs , 3-Nos diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c staines steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge. (page 210 item 64)							
	Stair	1	9.000		9			
	Tarrace	1	15.000		15			
					Total 24	2361.45	56675	
						P.Rft		
27	Providing and fixing wooden box type wardrobe 22" (550 mm) deep including 3/4" (20 mm) thick boxing and shelves, hanger rods, hard board back drawers, brass fittings, locking arrangements, handles, internal bolts, shoe rods, etc. including three coats of enamel paint:- Partal wood boxing and deodar wood shelves and leaves, etc. (Page 85 Item26)	1	8.000	11.000	88	2070.55	182208	
						P.Sft		
28	Providing and fixing Vin board cabinet 3/4" thick with drawers 3" deep in 'Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges,screws etc., complete in all respects. 2' deep,with back (page 89 item 59-iv)							
		1	12.000	2.500	30			
		1	6.000	2.500	15			
					Total 45	1243.55	55960	
						P.Sft		
29	Add for Electric Installations				1650	222.00	366300	
						P.Sft		
30	Add for Public Health				1650	117.00	193050	
						P.Sft		
					Total A	4197208		
					Page	187		

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			

Credit of old material

i 1st class brick tiles 9"x4.5"x1.5" size useable 60%

<u>364x350x60</u>			
100x100	764	7000	5348
		%0Nos	

ii old bricks and tiles bats 40%
Tiles 9"x4.5"x1.5" size

<u>364x40x0.125</u>			
100	18		
Total	18	2000	360
		%Cft	

iii solid flush doors un-serviceable with M.S Chowkat

3	2500.00	7500
	Each	

iv Steel grated doors un-serviceable

2	3000.00	6000
	Each	

v Steel window un-serviceable

2	3500.00	7000
	Each	

vii Steel C-window un-serviceable

2	1500.00	3000
	Each	

viii Un-serviceable sanitary items (L.S)

4000


ix Un-serviceable Electric items (L.S)

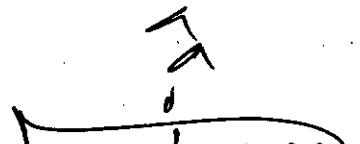
2000

Total B 35208

Net A-B 4162000

Say 4162000


Sub Divisional Officer
Buildings Sub Division
Talagang


Executive Engineer
Buildings Division
Talagang

Detail for Revamping of Residences at THQ Hospital Talagang. (1250 Sft)

MRS: July 2022 To December 2022.

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
1	Scraping cement plaster from walls (Page 37 item 48)							
	parapit	1	43.000		6.250	269		
		1	43.000		5.000	215		
	bed	2	14.000		11.000	308		
		2	12.000		11.000	264		
	bath	2	6.000		11.000	132		
		2	7.000		11.000	154		
	store	2	6.000		11.000	132		
		2	11.500		11.000	253		
	gallary	2	17.000		11.000	374		
		1	4.500		11.000	50		
	bed	2	16.000		11.000	352		
		2	17.000		11.000	374		
	Kitchen	2	10.000		11.000	220		
		2	8.000		11.000	176		
	hall	2	13.000		11.000	286		
		2	10.000		11.000	220		
	bed	2	12.000		11.000	264		
		2	14.000		11.000	308		
	bath	2	6.000		11.000	132		
		2	10.000		11.000	220		
	courtyard wall	2	23.000		6.000	276		
		1	43.000		6.000	258		
					Total	5236	423.30	22165
							%Sft	
2	Racking and washing joints of brick masonry (old work) Page 77 item 21.							
		2	43.000		12.000	1032		
		1	28.375		12.000	341		
	courtyard wall	1	23.000		6.000	138		
		1	43.000		6.000	258		
					Total	1769		
	D/D D1	2	4.500		8.500	77		
	W1	1	8.000		6.000	48		
	w2	2	6.000		6.000	72		
	cw	1	3.000		2.000	6		
					Total	203		
					Net	1566	660.00	10336
							%Sft	
3	Dismantling first class tile roofing page 35 item 22-a							
		1	27.875	44.625		1244		
					Total	1244		
	deduction opening	1	24.500	3.000		74		
	khura	3	2.000	2.000		12		
					Total	86		
					Net	1158	1523.80	17652
							%Sft	
4	Removing door with chowkat page 36 item 32-a	12				12	438.00	5256
							Each	
5	Removing windows and skylights with chowkat page 36 item 32b	7				7	341.50	2391
							Each	
6	Cement plaster 1:4 with floating coat of 1/32" thick neat cement (Page 78 item 9 + item 13)							
	Same Qty of Item No 01					5236	5077.50	265871
							%Sft	

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
7	Single layer of tiles 9" *4.5" *1.5" laid over 4" earth and 1" mud plaster with out bhoosa ,grouted with cement sand 1:3 on top of R.C.C roof slab, (without bituman and polythen) (page 61 item 5) same Qty of item No.3					1158	6850.65 %sft	79359
8	Cement pointing deep struck joints on walls up to 20' height with cement sand mortar ratio 1:2 (page 77 item 18-a) same Qty of item No.2					1566	3516.15 %sft	55063
9	P/L P.C.C 1:2:4 complete in all respect (Page 42 item 5-F)							
	Gola	2	27.875	0.333	0.167	3		
		2	44.625	0.333	0.167	5		
	Khura	3	2.000	2.000	0.250	3		
						Total	11	36858.90 %Cft
								4078
10	Preparing surface and painting with Emulsion paint old surface two coat i/c Scraping ordinary distempering / oil distemper or paint of walls. (page 96 item 31 + Page 38 item 49-b)							
	ceilling bed	1	14.000	12.000		168		
	gallary	1	17.000	4.500		77		
	bed	1	16.000	17.000		272		
	bath	1	6.000	7.000		42		
	store	1	6.000	11.500		69		
	Kitchen	1	10.000	8.000		80		
	hall	1	13.000	10.000		130		
	bed	1	12.000	14.000		168		
	bath	1	6.000	10.000		60		
						Total	1066	2796.55 %Sft
								29797
11	Preparing surface and painting with Emulsion paint New surface three coat (page 96 item 31)							
	bed	2	14.000		10.500	294		
		2	12.000		10.500	252		
	bath	2	6.000		4.000	48		
		2	7.000		4.000	56		
	store	2	6.000		10.500	126		
		2	11.500		10.500	242		
	gallary	2	17.000		10.500	357		
		1	4.500		10.500	47		
	bed	2	16.000		10.500	336		
		2	17.000		10.500	357		
	Kitchen	2	10.000		10.500	210		
		2	8.000		10.500	168		
	hall	2	13.000		10.500	273		
		2	10.000		10.500	210		
	bed	2	12.000		10.500	252		
		2	14.000		10.500	294		
	bath	2	6.000		4.000	48		
		2	10.000		4.000	80		
						Total	3650	
	D/D D1	2	4.500		8.500	77		
	D2	3	3.500		7.000	74		
	D3	3	3.000		7.000	63		
	D4	3	2.500		7.000	53		
	W1	1	8.000		6.000	48		
	W2	2	6.000		6.000	72		
	W3	1	4.000		6.000	24		
	W4	1	5.000		8.000	40		

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
	CW	2	3.000		2.000	12		
					Total	462		
					Net	3188	2917.75	93025
							%Sft	

12 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive / bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed tiles 600mmx 600 mm (Page 73 item 42-a-ii)

bed	1	14.000	12.000		168			
gallary	1	17.000	4.500		77			
bed	1	16.000	17.000		272			
store	1	6.000	11.500		69			
Kitchen	1	10.000	8.000		80			
hall	1	13.000	10.000		130			
bed	1	12.000	14.000		168			
door cill D1	2	4.500	1.125		10			
D2	3	3.500	1.125		12			
D3	3	3.000	1.125		10			
D4	3	2.500	1.125		8			
					Total	1004	340.50	341862
							P.Sft	

13 Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting / dado of specified size, Color and Shade with adhesive / bond over 1/2" thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed Tile 600mm x600 mm (Page 73 item 43-a-ii)

bed	2	14.000		0.333	9			
	2	12.000		0.333	8			
store	2	6.000		0.333	4			
	2	11.500		0.333	8			
gallary	2	17.000		0.333	11			
	1	4.500		0.333	1			
bed	2	16.000		0.333	11			
	2	17.000		0.333	11			
Kitchen	2	10.000		3.000	60			
	2	8.000		3.000	48			
hall	2	13.000		0.333	9			
	2	10.000		0.333	7			
bed	2	12.000		0.333	8			
	2	14.000		0.333	9			
					Total	204	340.50	69599
							P.Sft	

14 Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy / Matt / Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect sand as approved and directed by the Engineer Incharge. 12"x18", 12"x24", 10"x24", 8"x24", 12"x36" (page 70 item 24-a)

bath	1	6.000	7.000		42			
bath	1	6.000	10.000		60			
					Total	102	239.90	24470
							P.Sft	

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
15	Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy / Matt / Texture skirting / dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge. 12"x18", 12"x24", 10"x24", 8"x24", 12"x36" (page 70 item 25-a)							
	bath	2	6.000	7.000	84			
		2	7.000	7.000	98			
	bath	2	6.000	7.000	84			
		2	10.000	7.000	140			
				Total	406			
	D/D D1	2	2.500	7.000	35			
				Net	371	292.65	108573	
						P.Sft		
	16	Providing and laying flooring with China Verona Marble having uniform texture (Spotless) of required size and specified thickness, with adhesive bond over 3/4" thick bedding of (1:2) cement sand mortar i/c the cost of matching sealer, cutting, grinding and chemical polishing complete in all respect as approved and directed by the Engineer Incharge. /4" thick (12"x24"/12"x36") (page 73 item 45-ii)						
		Kitchen	1	10.000	2.500	25		
			1	6.000	2.500	15		
		Step	2	8.000	4.000	64		
		Window cill W1	1	8.000	1.125	9		
		W2	2	6.000	1.125	14		
W3		1	4.000	1.125	5			
W4		1	5.000	1.125	6			
CW		2	3.000	1.125	7			
				Total	143	368.70	52862	
						P.Sft		
17		Providing and fixing mild steel chowkat of doors, windows, C.windows etc including holdfast, hinges etc complete made of M.S making and threading holes for angle iron 1-1/2"*1-1/2"*1/4" welded with M.S. flat 2"*1/4" (Page 83 item 15-a)						
		D1	2	4.500	8.500	77		
		D2	3	3.500	7.000	74		
		D3	3	3.000	7.000	63		
	D4	3	2.500	7.000	53			
				Total	266	402.85	106957	
						P.sft		
	18	P/F1-1/2" 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 woodin 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. (page 88 item 52)						
		D1	2	4.250	6.875	58		
		D2	3	3.250	6.875	67		
		D3	3	2.750	5.875	48		
		D4	3	2.250	6.875	46		
					Total	220	678.55	149514
							P.Sft	
		19	Providing and fixing 1 1/2" (40 mm) thick deodar wood panelled or panelled and glazed, doors and windows, i/c grill etc. complete in all respects (excluding sliding bolt or lock) with:- (page 88 item 49 + page 209 item 58)					
D1			2	4.500	1.500	14	2019.60	27265
							P.Sft	



Description	No	Measurements			Qty	Rate	Amount
		I.	II	III			
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" beading 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 chowkata (frame), etc.) as approved and directed by the Engineer incharge Oak/Ash wood Door 1-1/2" thick (40 mm) (page 81 item 07-b-III)	2	4,500	7,000	63	2032.05	128919	
					P.80		
1 PF UPVC double pressed double glazed windows best quality complete in all respect as approved by the Engineer incharge. (N.S)							
W1	1	8,000	6,000	48			
W2	2	6,000	6,000	72			
W3	1	4,000	6,000	24			
W4	1	5,000	8,000	40			
CW	2	3,000	2,000	12			
			Total	196	3240.00	412730	
					P.80		
22 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. Double Leaf Door	1	4,000	6,000	24	1393.00	33432	
					sft		
23 P.F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of iron 12" (300 mm) long (Page 92 item 61-a(i))	8			8	470.00	3760	
					Each		
ii do- 10" (250 mm) long	3			3	410.00	1230	
					Each		
24 Providing and fixing automatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer incharge. (Page 91 item 67)	2			2	2932.00	5864	
					Each		
25 Mosaic dado or skirting 3/8" thick with one part of grey cement and marble powder in the ratio of 3:1 and 2 parts of marble chips, laid over 1/2" thick cement plaster 1:3, complete with finishing (page 72 item 37)							
plinth	1	43,000	5,000	215			
	1	43,000	4,000	172			
			Total	387	16595.00	64223	
					%sft		
26 Preparing surface and Paintings with weather shield paint on New surface Two coat i/c Primary coat (Page 98 item 32-a(b))+Page 38 item 49-b)							
parapit	1	43,000	6,250	269			
	1	43,000	5,000	215			
courtyard wall	2	23,000	6,000	276			
	1	43,000	6,000	258			
Same Qty of Item No.2				1566			
			Total	2584	5245.30	135525	
					%Sft		
27 Providing and fixing wooden box type wardrobe 22" (550 mm) deep including 3/4" (20 mm) thick boxing and shelves, hanger rods, hard board back drawers, brass fittings, locking arrangements, handles, internal bolts, shoe rods, etc. including three coats of enamel paint- Partial wood boxing and deodar wood shelves and leaves, etc. (Page 85 item 26)	1	8,000	11,000	88	2070.55	182208	
					P.Sft		

27-B P.F. pvc insulated copper conductor 17 168

168 @ 525/88298/145

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			

28 Providing and fixing Vin board cabinet 3/4" thick with drawers:
3" deep in Kitchen including termite proofing and polishing with
synthetic enamel as specified, with handles hinges, screws etc.,
complete in all respects. 2' deep, with back (page 89 item 59-iv)

1	10.000	2.500	25			
1	6.000	2.500	15			
		Total	40	1243.55		49742

29 Add for Electric Installations

1250	222.00	277500
------	--------	--------

30 Add for Public Health

1250	117.00	146250
------	--------	--------

Total A 3136728

Credit of old material

i 1st class brick tiles 9"x4.5"x1.5" size useable 60%

<u>1158x350x60</u>		
100x100	2432	7000
		%0Nos

ii old bricks and tiles bats 40%
Tiles 9"x4.5"x1.5" size

<u>1158x40x0.125</u>		
100	58	
	Total	2000
		%Cft

iii solid flush doors un-serviceable with M.S Chowkat

11	2500.00	27500
		Each

iv Steel grated doors un-serviceable

1	3000.00	3000
		Each

v Steel window un-serviceable

5	3500.00	17500
		Each

vii Steel C-window un-serviceable

2	1500.00	3000
		Each

viii Un-serviceable sanitary items (L.S)

8000


ix Un-serviceable Electric items (L.S)

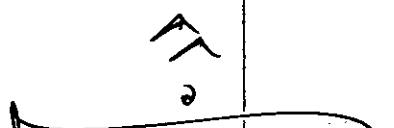
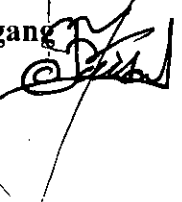
3000

Total B 80184

Net A-B 3056544

Say 3057000


Sub Divisional Officer
Buildings Sub Division
Talagang


Executive Engineer
Buildings Division
Talagang


Detail for Revamping of Residences at THQ Hospital Talagang. (1000 Sft)

MRS: July 2022 To December 2022.

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
1	Scraping cement plaster from walls (Page 37 item 48)							
	parapit	2	41.000		5.000	410		
	bed	2	12.000		11.000	264		
		2	16.000		11.000	352		
	bath	2	4.000		11.000	88		
		2	6.000		11.000	132		
	Kitchen	2	7.000		11.000	154		
		2	10.000		11.000	220		
	gallery	2	14.000		11.000	308		
		1	4.000		11.000	44		
	bed	4	10.000		11.000	440		
		4	14.000		11.000	616		
	bath	2	6.500		11.000	143		
		2	8.000		11.000	176		
	hall	2	20.000		11.000	440		
		2	6.000		11.000	132		
	courtyard wall	2	22.000		6.000	264		
		1	41.000		6.000	246		
					Total	4429	423.30	18748
							%Sft	
2	Racking and washing joints of brick masonry (old work) Page77 item 21.							
		2	41.000		12.000	984		
		1	22.375		12.000	269		
	courtyard wall	1	22.000		6.000	132		
		1	41.000		6.000	246		
					Total	1631		
	D/D D1	2	4.000		8.500	68		
	W1	3	6.000		6.000	108		
	grill	1	20.000		7.000	140		
	cw	3	3.000		2.000	18		
					Total	334		
					Net	1297	660.00	8557
							%Sft	
3	Dismantling first class tile roofing page 35 item 22-a							
		1	21.500	39.500		849		
					Total	849		
	khura	2	2.000	2.000		8		
					Total	8		
					Net	841	1523.80	12819
							%Sft	
4	Removing door with chowkat page 36 item 32-a							
		11				11	438.00	4818
							Each	
5	Removing windows and skylights with chowkat page 36 item 32b							
		7				7	341.50	2391
							Each	
6	Cement plaster 1:4 with floating coat of 1/32" thick neat cement (Page 78 item 9 + item 13)							
	Same Qty of Item No 01					4429	5077.50	224882
							%Sft	
7	Single layer of tiles 9" *4.5" *1.5" laid over 4" earth and 1" mud plaster with out bhoosa grouted with cement sand 1:3 on top of R.C.C roof slab (without bituman and polythen) (page 61 item 5)							
	same Qty of item No.3					841	6850.65	57631
							%Sft	

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
8	Cement pointing deep struck joints on walls up to 20' height with cement sand mortar ratio 1:2 (page 77 item 18-a) same Qty of item No.2					1297	3516.15 %sft	45587
9	P/L P.C.C 1:2:4 complete in all respect (Page 42 item 5-F)							
	Gola	2	21.500	0.333	0.167	2		
		2	39.500	0.333	0.167	4		
	Khura	2	2.000	2.000	0.250	2		
						Total	9	36858.90 %Cft
10	Preparing surface and painting with Emulsion paint old surface two coat i/c Scraping ordinary distempering / oil distemper or paint of walls. (page 96 item 31 + Page 38 item 49-b)							
	ceilling bed	1	12.000	16.000		192		
	gallary	1	14.000	4.000		56		
	bed	2	10.000	14.000		280		
	bath	1	6.500	8.000		52		
	hall	1	20.000	6.000		120		
	Kitchen	1	7.000	10.000		70		
	bath	1	4.000	6.000		24		
						Total	794	2796.55 %Sft
11	Preparing surface and painting with Emulsion paint New surface three coat (page 96 item 31)							
	bed	2	12.000		10.500	252		
		2	16.000		10.500	336		
	bath	2	4.000		4.000	32		
		2	6.000		4.000	48		
	Kitchen	2	7.000		8.000	112		
		2	10.000		8.000	160		
	gallary	2	14.000		10.500	294		
		1	4.000		10.500	42		
	bed	4	10.000		10.500	420		
		4	14.000		10.500	588		
	bath	2	6.500		4.000	52		
		2	8.000		4.000	64		
	hall	2	20.000		10.500	420		
		2	6.000		10.500	126		
						Total	2946	
	D/D D1	1	4.000		8.500	34		
	D2	4	3.500		7.000	98		
	D3	2	3.000		7.000	42		
	D4	2	2.500		7.000	35		
	grill	1	20.000		7.000	140		
	W1	3	6.000		6.000	108		
	W2	1	4.000		3.000	12		
	CW	3	3.000		2.000	18		
						Total	487	
						Net	2459	2917.75 %Sft
12	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive / bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed tiles 600mmx 600 mm (Page 73 item 42-a-ii)							
	bed	1	12.000	16.000		192		
	gallary	1	14.000	4.000		56		

S/No	Description	No	Measurements			Qty	Rate	Amount	
			L	B	H				
	bed	2	10.000	14.000		280			
	hall	1	20.000	6.000		120			
	Kitchen	1	7.000	10.000		70			
	door cill D1	1	4.000	1.125		5			
	D2	4	3.500	1.125		16			
	D3	2	3.000	1.125		7			
	D4	2	2.500	1.125		6			
						Total	751	340.50	255588
								P.Sft	

13 Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting / dado of specified size, Color and Shade with adhesive / bond over 1/2" thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed Tile 600mm x600 mm (Page 73 item 43-a-ii)

	bed	2	12.000		0.333	8		
		2	16.000		0.333	11		
	Kitchen	2	7.000		3.000	42		
		2	10.000		3.000	60		
	gallary	2	14.000		0.333	9		
		1	4.000		0.333	1		
	bed	4	10.000		0.333	13		
		4	14.000		0.333	19		
	hall	2	20.000		0.333	13		
		2	6.000		0.333	4		
					Total	181	340.50	61490
								P.Sft

14 Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy / Matt / Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect sand as approved and directed by the Engineer Incharge. 12"x18", 12"x24", 10"x24", 8"x24", 12"x36" (page 70 item 24-a)

	bath	1	6.500	8.000		52		
	bath	1	4.000	6.000		24		
					Total	76	239.90	18232
								P.Sft

15 Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy / Matt / Texture skirting / dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge. 12"x18", 12"x24", 10"x24", 8"x24", 12"x36" (page 70 item 25-a)

	bath	2	6.500		7.000	91		
		2	8.000		7.000	112		
	bath	2	4.000		7.000	56		
		2	6.000		7.000	84		
					Total	343		
	D/D D1	2	2.500		7.000	35		
					Net	308	292.65	90136
								P.Sft

16 Providing and laying flooring with China Verona Marble having uniform texture (Spotless) of required size and specified thickness, with adhesive bond over 3/4" thick bedding of (1:2) cement sand mortar i/c the cost of matching sealer, cutting, grinding and chemical polishing complete in all respect as approved and directed by the Engineer Incharge. 1/4" thick (12"x24"/12"x36") (page 73 item 45-ii)

	Kitchen	1	7.000	2.500		18		
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S.No	Description	No	Measurements			Qty	Rate	Amount	
			I.	II	III				
		1	8.000	2.500		20			
	Step	2	6.000	4.000		48			
	grill	1	20.000	1.125		23			
	window eill W1	3	6.000	1.125		20			
	W2	1	4.000	1.125		5			
	CW	3	3.000	1.125		10			
						Total	143	368.70	52678
								P.Sft	

17 Providing and fixing mild steel chowkat of doors, windows, windows etc including holdfast, hinges etc complete made of M.S making and threading holes for angle iron 1-1/2" x 1-1/2" x 1/4" welded with M.S. flat 2" x 1/4" (Page 83 item 15-a)

	D1	1	4.000		8.500	34		
	D2	4	3.500		7.000	98		
	D3	2	3.000		7.000	42		
					Total	174	402.85	70096
								P.sft

18 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 woodin style and rails under proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges and lacquer 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. (page 88 item 52)

	D1	1	3.750		6.875	26		
	D2	4	3.250		6.875	89		
	D3	2	2.750		6.875	38		
	D4	2	2.250		6.875	31		
					Total	184	678.55	124790
								P.Sft

19 Providing and fixing 1 1/2" (40 mm) thick deodar wood panelled or panelled and glazed, doors and windows, i/c grill etc. complete in all respects (excluding sliding bolt or lock) with:- (page 88 item 49 + page 209 item 58)

	D1	1	4.000		1.500	6	2019.60	12118
								P.Sft

20 Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt, lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge Oak/Ash wood Door 1-1/2" thick (40 mm) (page 81 item 07-h-iii)

		2	4.000		7.000	56	2032.05	113795
								P.Sft

21 P/F UPVC double pressed double glazed windows best quality complete in all respect as approved by the Engineer incharge. (N.S)

Aluminium

	grill	1	20.000		7.000	140		
	W1	3	6.000		6.000	108		
	W2	1	4.000		3.000	12		
	CW	3	3.000		2.000	18		
					Total	278	2829/50	941840
								P.Sft

22 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. Double Leaf


	Door	1	4.000		6.000	24	1393.00	33432
								P.Sft

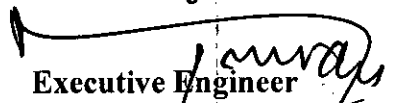
22A. P/F pvc insulated copper conductor
 cable 7/0.64 twin core
 1 x 238
 238 @ 525/45
 125239/-

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
23	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of iron 12" (300 mm) long (Page 92 item 61-a(i))	6				6	470.00	2820
							Each	
	ii do-- 10" (250 mm) long	3				3	410.00	1230
							Each	
24	Providing and fixing automatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge. (Page 91 item 67)	2				2	2932.00	5864
							Each	
25	Mosaic dado or skirting 3/8" thick with one part of grey cement and marble powder in the ratio of 3:1 and 2 parts of marble chips, laid over 1/2" thick cement plaster 1:3, complete with finishing (page 72 item 37)							
	plinth	2	41.000	4.500		369	16595.00	61236
							%sft	
26	Preparing surface and Paintings with weather shield paint on New surface Two coat i/c Primary coat (Page 98 item 32-a(b)+Page 38 item 49-b)							
	parapit	2	41.000	6.250		513		
	courtyard wall	2	22.000	6.000		264		
		1	41.000	6.000		246		
	Same Qty of Item No.2					<u>1297</u>		
						Total 2319	5245.30	121639
							%Sft	
27	Providing and fixing wooden box type wardrobe 22" (550 mm) deep including 3/4" (20 mm) thick boxing and shelves, hanger rods, hard board back drawers, brass fittings, locking arrangements, handles, internal bolts, shoe rods, etc. including three coats of enamel paint:- Partal wood boxing and deodar wood shelves and leaves, etc. (Page 85 Item 26)	1	8.000	11.000		88	2070.55	182208
							P.Sft	
28	Providing and fixing Vin board cabinet 3/4" thick with drawers 3" deep in Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges, screws etc., complete in all respects. 2' deep, with back (page 89 item 59-iv)	1	7.000	2.500		18		
		1	6.000	2.500		15		
						Total 33	1243.55	40415
							P.Sft	
29	Add for Electric Installations					1000	222.00	222000
							P.Sft	
30	Add for Public Health					1000	117.00	117000
							P.Sft	
							Total A	2971229
	Credit of old material							
i	1st class brick tiles 9"x4.5"x1.5" size useable 60%							
						<u>841x350x60</u>		
						100x100	1766	12362
							%0Nos	
ii	old bricks and tiles bats 40%							
	Tiles 9"x4.5"x1.5" size					<u>841x40x0.125</u>		
						100	42	
						Total	42	840
							%Cft	
iii	solid flush doors un-serviceable with M.S Chowkat					10	2500.00	25000
							Each	

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
iv	Steel grated doors un-serviceable					1	3000.00	3000
							Each	
v	Steel window un-serviceable					5	3500.00	17500
							Each	
vii	Steel C-window un-serviceable					2	1500.00	3000
							Each	
viii	Un-serviceable sanitary items (L.S)							8000
ix	Un-serviceable Electric items (L.S)							3000

Total B **72702**
Net A-B **2898527**
Say **2899000**


Sub Divisional Officer
Buildings Sub Division
Talagang


Executive Engineer
Buildings Division
Talagang

Detail for Revamping of Residences at THQ Hospital Talagang. (606 Sft)
MRS: July 2022 To December 2022.

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
1	Scraping cement plaster from walls (Page 37 item 48)							
	parapit	2	27.000		5.000	270		
	bed	2	12.000		11.000	264		
		2	12.000		11.000	264		
	bath	2	5.500		11.000	121		
		2	7.000		11.000	154		
	Kitchen	2	7.000		11.000	154		
		2	7.000		11.000	154		
	gallary	2	13.000		11.000	286		
		1	6.875		11.000	76		
	bed	2	14.000		11.000	308		
		2	10.000		11.000	220		
	courtyard wall	2	19.000		6.000	228		
		1	27.000		6.000	162		
					Total	2661	423.30	11262
							%Sft	
2	Racking and washing joints of brick masonry (old work) Page77 item 21.							
		1	19.000		12.000	228		
		2	27.000		12.000	648		
	courtyard wall	1	27.000		6.000	162		
		1	19.000		6.000	114		
					Total	1152		
	D/D D1	1	3.500		7.000	25		
	W1	2	4.000		6.000	48		
	w2	1	4.000		3.000	12		
	D2	1	2.500		7.000	18		
					Total	102		
					Net	1050	660.00	6930
							%Sft	
3	Dismantling first class tile roofing page 35 item 22-a							
		1	19.875	25.500		507		
					Total	507		
	khura	2	2.000	2.000		8		
					Total	8		
					Net	499	1523.80	7601
							%Sft	
4	Removing door with chowkat page 36 item 32-a	5				5	438.00	2190
							Each	
5	Removing windows and skylights with chowkat page 36 item 32b	5				5	341.50	1708
							Each	
6	Cement plaster 1:4 with floating coat of 1/32" thick neat cement (Page 78 item 9 + item 13)							
	Same Qty of Item No 01					2661	5077.50	135093
							%Sft	
7	Single layer of tiles 9" *4.5" *1.5" laid over 4" earth and 1" mud plaster with out bhoosa ,grouted with cement sand 1:3 on top of R.C.C roof slab, (without bituman and polythen) (page 61 item 5)							
	same Qty of item No.3					499	6850.65	34172
							%sft	
8	Cement pointing deep struck joints on walls up to 20' height with cement sand mortar ratio 1:2 (page 77 item 18-a)							
	same Qty of item No.2					1050	3516.15	36920
							%sft	
9	P/L P.C.C 1:2:4 complete in all respect (Page 42 item 5-F)							
	Gola	2	19.875	0.333	0.167	2		

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
		2	25.500	0.333	0.167	3		
	Khura	2	2.000	2.000	0.250	2		
						Total	7	36858.90
								2597
								%Cft
10	Preparing surface and painting with Emulsion paint old surface two coat i/c Scraping ordinary distempering / oil distemper or paint of walls. (page 96 item 31 + Page 38 item 49-b)							
	ceilling bed	1	12.000	12.000		144		
	gallary	1	13.000	6.875		89		
	bed	1	14.000	10.000		140		
	bath	1	5.500	7.000		39		
	Kitchen	1	7.000	7.000		49		
						Total	461	2796.55
								12889
								%Sft
11	Preparing surface and painting with Emulsion paint New surface three coat (page 96 item 31)							
	bed	2	12.000		11.000	264		
		2	12.000		11.000	264		
	bath	2	5.500		4.000	44		
		2	7.000		4.000	56		
	Kitchen	2	7.000		8.000	112		
		2	7.000		8.000	112		
	gallary	2	13.000		11.000	286		
		1	6.875		11.000	76		
	bed	2	14.000		11.000	308		
		2	10.000		11.000	220		
						Total	1742	
	D/D D1	2	3.500		7.000	49		
	D2	1	3.000		7.000	21		
	W1	2	4.000		6.000	48		
	W2	1	4.000		3.000	12		
	CW	2	3.000		2.000	12		
						Total	142	
						Net	1600	2917.75
								46673
								%Sft
12	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive / bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed tiles 600mmx 600 mm (Page 73 item 42-a-ii)							
	ceilling bed	1	12.000	12.000		144		
	gallary	1	13.000	6.875		89		
	bed	1	14.000	10.000		140		
	Kitchen	1	7.000	7.000		49		
	door cill D1	2	3.500	1.125		8		
	D2	1	3.000	1.125		3		
						Total	434	340.50
								147649
								P.Sft
13	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting / dado of specified size, Color and Shade with adhesive / bond over 1/2" thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed Tile 600mm x600 mm (Page 73 item 43-a-ii)							
	bed	2	12.000		0.333	8		
		2	12.000		0.333	8		
	bath	2	5.500		0.333	4		

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
		2	7.000		0.333	5		
	Kitchen	2	7.000		3.000	42		
		2	7.000		3.000	42		
	gallary	2	13.000		0.333	9		
		1	6.875		0.333	2		
	bed	2	14.000		0.333	9		
		2	10.000		0.333	7		
					Total	135	340.50	46049
							P.Sft	

14 Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy / Matt / Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect sand as approved and directed by the Engineer Incharge. 12"x18", 12"x24", 10"x24", 8"x24", 12"x36" (page 70 item 24-a)

bath	1	5.500	7.000		39	239.90	9236
							P.Sft

15 Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy / Matt / Texture skirting / dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge. 12"x18", 12"x24", 10"x24", 8"x24", 12"x36" (page 70 item 25-a)

bath	2	5.500		7.000	77		
	2	7.000		7.000	98		
				Total	175		
D/D D1	1	2.500		7.000	18		
				Net	158	292.65	46092
							P.Sft

16 Providing and laying flooring with China Verona Marble having uniform texture (Spotless) of required size and specified thickness, with adhesive bond over 3/4" thick bedding of (1:2) cement sand mortar i/c the cost of matching sealer, cutting, grinding and chemical polishing complete in all respect as approved and directed by the Engineer Incharge. 1/4" thick (12"x24"/12"x36") (page 73 item 45-ii)

Kitchen	1	7.000	2.500		18		
	1	5.000	2.500		13		
Step	2	6.000	4.000		48		
window cill W1	2	6.000	1.125		14		
W2	1	4.000	1.125		5		
CW	2	3.000	1.125		7		
				Total	103	368.70	37884
							P.Sft

17 Providing and fixing mild steel chowkat of doors, windows, C. windows etc including holdfast, hinges etc complete made of M.S making and threading holes for angle iron 1-1/2"*1-1/2"*1/4" welded with M.S. flat 2"*1/4" (Page 83 item 15-a)

D2	2	3.500		7.000	49		
D3	1	3.000		7.000	21		
				Total	70	402.85	28200
							P.sft

18 P/F1-1/2" 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 woodin 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. (page 88 item 52)

D1	2	3.250		6.875	45		
----	---	-------	--	-------	----	--	--

S/No	Description	No	Measurements			Qty	Rate	Amount
			I	II	III			
	D2	1	2.750		6.875	19		
					Total	64	678.55	43152
							P.Sft	

19 Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt, lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge Oak/Ash wood Door 1-1/2" thick (40 mm) (page 81 item 07-b-iii)

2	3.500	7.000	49	2032.05	99570
				P.Sft	

20 P/F UPVC double pressed double glazed windows best quality complete in all respect as approved by the Engineer incharge. (N.S)

Aluminium

W1

2	6.000	4.000	48
---	-------	-------	----

W2

1	4.000	3.000	12
---	-------	-------	----

CW

2	3.000	2.000	12
---	-------	-------	----

Total	72	3280.00	236160
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P.Sft

2829/50
203724/-

21 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. Double Leaf

Door

2	4.500	6.000	54
---	-------	-------	----

1	2.500	7.000	18
---	-------	-------	----

Total	72	1393.00	99600
-------	----	---------	-------

sft

22 P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of iron 12" (300 mm) long (Page 92 item 61-a(i))

2

2	470.00	940
---	--------	-----

Each

ii do-- 10" (250 mm) long

1

1	410.00	410
---	--------	-----

Each

23 Providing and fixing automatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge. (Page 91 item 67)

2

2	2932.00	5864
---	---------	------

Each

24 Mosaic dado or skirting 3/8" thick with one part of grey cement and marble powder in the ratio of 3:1 and 2 parts of marble chips, laid over 1/2" thick cement plaster 1:3, complete with finishing (page 72 item 37)

plinth

2	27.000	4.000	216
---	--------	-------	-----

16595.00	35845
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%sft

25 Preparing surface and Paintings with wheather shield paint on New surface Two coat i/c Primary coat (Page 98 item 32-a(b))+Page 38 item 49-b)

parapit

2	27.000	5.000	270
---	--------	-------	-----

courtyard wall

2	19.000	6.000	228
---	--------	-------	-----

1	27.000	6.000	162
---	--------	-------	-----

Same Qty of Item No.2

1050

Total	1710	5245.30	89695
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%Sft

26 Providing and fixing Vin board cabinet 3/4" thick with drawers 3" deep in Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges, screws etc., complete in all respects. 2' deep, with back (page 89 item 59-iv)

1 7.000

2.500	18	1243.55	21762
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P.Sft

606	222.00	134532
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P.Sft

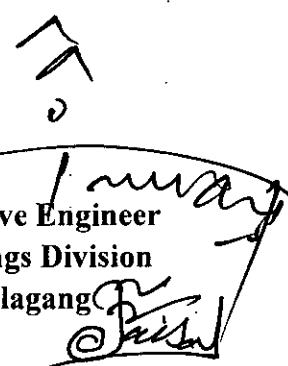
27 Add for Electric Installations

17-18 P/F PVC insulated copper conductor
10 62
Chk. 7/044 twin core

62 @ 525/45 = 32436/-

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
28	Add for Public Health					606	117.00	70902
							P.Sft	
							Total A	1451577
	Credit of old material							
i	1st class brick tiles 9"x4.5"x1.5" size useable 60%							
			499x350x60					
			100x100			1048	7000	7336
							%Nos	
ii	old bricks and tiles bats 40%							
	Tiles 9"x4.5"x1.5" size							
			499x40x0.125					
			100			25		
						Total	25	2000
							%Cft	500
iii	solid flush doors un-serviceable with M.S Chowkat					3	2500.00	7500
							Each	
iv	Steel grated doors un-serviceable					2	3000.00	6000
							Each	
v	Steel window un-serviceable					3	3500.00	10500
							Each	
vii	Steel C-window un-serviceable					2	1500.00	3000
							Each	
viii	Un-serviceable sanitary items (L.S)							4000
ix	Un-serviceable Electric items (L.S)							2000
							Total B	40836
							Net A-B	1410741
							Say	1411000


Sub Divisional Officer
Buildings Sub Division
Talagang


Executive Engineer
Buildings Division
Talagang

Detail for Revamping of Residences at THQ Hospital Talagang. (404 Sft)

MRS: July 2022 To December 2022.

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
1	Scraping cement plaster from walls (Page 37 item 48)							
	parapit	2	22.500		4.000	180		
	bed	2	9.000		10.500	189		
		2	11.000		10.500	231		
	bed	2	12.600		10.500	265		
		2	9.000		10.500	189		
	bath	2	4.000		10.500	84		
		2	5.000		10.500	105		
	bath	2	3.000		10.500	63		
		2	5.000		10.500	105		
	hall	2	9.000		10.500	189		
		2	6.000		10.500	126		
	courtyard wall	2	19.000		6.000	228		
		1	22.500		6.000	135		
					Total	2089	423.30	8841
							%Sft	
2	Racking and washing joints of brick masonry (old work) Page77 item 21.							
		1	19.000		12.000	228		
		2	22.500		12.000	540		
	courtyard wall	1	22.500		6.000	135		
		1	19.000		6.000	114		
					Total	1017		
	D/D D1	1	3.500		7.000	25		
	W1	2	3.500		4.000	28		
	D2	2	2.500		7.000	35		
					Total	88		
					Net	930	660.00	6135
							%Sft	
3	Dismantling first class tile roofing page 35 item 22-a							
		1	17.500	21.000		368		
					Total	368		
	khura	1	2.000	2.000		4		
					Total	4		
					Net	364	1523.80	5539
							%Sft	
4	Removing door with chowkat page 36 item 32-a	6				6	438.00	2628
							Each	
5	Removing windows and skylights with chowkat page 36 item32-b	4				4	341.50	1366
							Each	
6	Cement plaster 1:4 with floating coat of 1/32" thick neat cement (Page 78 item 9 + item 13)							
	Same Qty of Item No 01					2089	5077.50	106049
							%Sft	
7	Single layer of tiles 9" *4.5" *1.5" laid over 4" earth and 1" mud plaster with out bhoosa ,grouted with cement sand 1:3 on top of R.C.C roof slab, (without bituman and polythen) (page 61 item 5)							
	same Qty of item No.3					364	6850.65	24902
							%sft	
8	Cement pointing deep struck joints on walls up to 20' height with cement sand mortar ratio 1:2 (page 77 item 18-a)							
	same Qty of item No.2					930	3516.15	32683
							%sft	
9	P/L P.C.C 1:2:4 complete in all respect (Page 42 item 5-F)							
	Gola	2	17.500	0.333	0.167	2		
		2	21.000	0.333	0.167	2		

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
	Khura	1	2.000	2.000	0.250	1		
						Total	5	36858.90
								1947
								%Cft
10	Preparing surface and painting with Emulsion paint old surface two coat i/c Scraping ordinary distempering / oil distemper or paint of walls. (page 96 item 31 + Page 38 item 49-b)							
	ceilling bed	1	9.000	11.000		99		
		1	12.500	9.000		113		
	hall	1	9.000	6.000		54		
	bath	1	3.000	5.000		15		
		1	4.000	5.000		20		
						Total	301	2796.55
								8404
								%Sft
11	Preparing surface and painting with Emulsion paint New surface three coat (page 96 item 31)							
	bed	2	9.000		10.500	189		
		2	11.000		10.500	231		
	bed	2	12.600		10.500	265		
		2	9.000		10.500	189		
	bath	2	4.000		5.500	44		
		2	5.000		5.500	55		
	bath	2	3.000		5.500	33		
		2	5.000		5.500	55		
	hall	2	9.000		10.500	189		
		2	6.000		10.500	126		
						Total	1376	
	D/D D1	1	3.500		7.000	25		
	D2	2	3.000		7.000	42		
	W1	2	3.500		4.000	28		
	CW	2	3.000		2.000	12		
						Total	107	
						Net	1269	2917.75
								37029
								%Sft
12	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive / bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed tiles 600mmx 600 mm (Page 73 item 42-a-ii)							
	ceilling bed	1	9.000	11.000		99		
		1	12.500	9.000		113		
	hall	1	9.000	6.000		54		
	bath	1	3.000	5.000		15		
		1	4.000	5.000		20		
	door cill D1	1	3.500	1.125		4		
	D2	2	3.000	1.125		7		
						Total	311	340.50
								105959
								P.Sft
13	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting / dado of specified size, Color and Shade with adhesive / bond over 1/2" thick (1:2) cement plaster i/c the cost and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed Tile 600mm x600 mm (Page 73 item 43-a-ii)							
	bed	2	9.000		0.333	6		
		2	11.000		0.333	7		
	bed	2	12.600		0.333	8		
		2	9.000		0.333	6		

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
	hall	2	9.000		0.333	6		
		2	6.000		0.333	4		
					Total	38	340.50	12835
							P.Sft	
14	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy / Matt / Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect sand as approved and directed by the Engineer Incharge. 12"x18", 12"x24", 10"x24", 8"x24", 12"x36" (page 70 item 24-a)							
	bath	1	3.000	5.000		15		
		1	4.000	5.000		20		
					Total	35	239.90	8397
							P.Sft	
15	Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy / Matt / Texture skirting / dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge. 12"x18", 12"x24", 10"x24", 8"x24", 12"x36" (page 70 item 25-a)							
	bath	2	3.000		5.000	30		
		2	5.000		5.000	50		
		2	4.000		5.000	40		
		2	5.000		5.000	50		
					Total	170		
	D/D D1	2	2.500		5.000	25		
					Net	145	292.65	42434
							P.Sft	
16	Providing and laying flooring with China Verona Marble having uniform texture (Spotless) of required size and specified thickness, with adhesive bond over 3/4" thick bedding of (1:2) cement sand mortar i/c the cost of matching sealer, cutting, grinding and chemical polishing complete in all respect as approved and directed by the Engineer Incharge. /4" thick (12"x24"/12"x36") (page 73 item 45-ii)							
	Step	2	4.000	4.000		32		
	window cill W1	2	3.500	1.125		8		
	CW	2	3.000	1.125		7		
					Total	47	368.70	17191
							P.Sft	
17	Providing and fixing mild steel chowkat of doors, windows, C.windows etc including holdfast, hinges etc complete made of M.S making and threading holes for angle iron 1-1/2"*1-1/2"*1/4" welded with M.S. flat 2"*1/4" (Page 83 item 15-a)							
	D1	1	3.500		7.000	25		
	D2	2	3.000		7.000	42		
					Total	67	402.85	26790
							P.sft	
18	P/F1-1/2" 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 woodin 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. (page 88 item 52)							
	D1	1	3.250		6.875	22		
	D2	2	2.750		6.875	38		
					Total	60	678.55	40819
							P.Sft	

S.No	Description	No	Measurements			Qty	Rate	Amount
			I.	II	III			
19	P/F UPVC double pressed double glazed windows best quality complete in all respect as approved by the Engineer incharge.(N.S)							
	WI	2	3,500		4,000	28		
	CW	2	3,000		2,000	12	2829/50	
					Total	40	113180	
							18020/-	
							34 @ 525/45 = 18020/-	
20	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, lower bolt and painting 3-coats but excluding the cost of Chowkat complete in all respect as approved and directed by the Engineer incharge. Double Leaf	1	4,000		6,000	24		
	Door	2	2,500		7,000	35		
					Total	59	1393.00	
							82187 sft	
21	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of iron 12" (300 mm) long (Page 92 item 61-a(i))	1				1	470.00	
							470 Each	
	ii do- 10" (250 mm) long	2				2	410.00	
							820 Each	
22	Providing and fixing automatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer incharge. (Page 91 item 67)	1				1	2932.00	
							2932 Each	
23	Preparing surface and Paintings with wheather shield paint on New surface Two coat i/c Primary coat (Page 98 item 32-a(b))+Page 38 item 49-b)							
	parapit	2	22,500		4,000	180		
	courtyard wall	2	19,000		6,000	228		
		1	22,500		6,000	135		
						930		
	Same Qty of Item No.2				Total	1473	5245.30	
							77237 %Sft	
24	Add for Electric Installations					404	222.00	
							89688 P.Sft	
25	Add for Public Health					404	117.00	
							47268 P.Sft	
							Total A	
							921749	
	Credit of old material							
i	1st class brick tiles 9"x4.5"x1.5" size useable 60%							
					364x350x60			
					100x100	764	7000	
							5348 %0Nos	
ii	old bricks and tiles bats 40%							
	Tiles 9"x4.5"x1.5" size				364x40x0.125			
					100	18		
					Total	18	2000	
							360 %Cft	
iii	solid flush doors un-serviceable with M.S Chowkat					3	2500.00	
							7500 Each	
iv	Steel grated doors un-serviceable					2	3000.00	
							6000 Each	
v	Steel window un-serviceable					2	3500.00	
							7000 Each	


S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
vii	Steel C-window un-serviceable					2	1500.00	3000
							Each	
viii	Un-serviceable sanitary items (L.S)							4000
ix	Un-serviceable Electric items (L.S)							2000

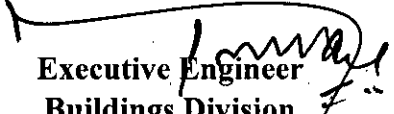
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Net A-B 886541

Say 885000


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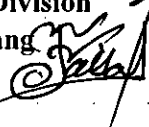

Sub Divisional Officer
Buildings Sub Division
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Executive Engineer
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**Detail of Revamping of Water Supply
ABSTRACT**

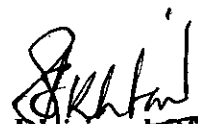
SR. No	Description	Amount
1	New Water Supply System	4495000
2	Revamping of Water Supply Line	2509000
	Total	7004000

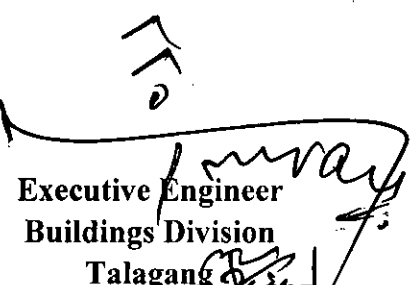

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**Detail of New Water Supply System
MRS: July 2022 To December 2022.**

S/No	Description	No	Measurements			Qty	Rate	Amount
			L	B	H			
1	Boring for tubewell in all types of soil except shingle and rock, from ground level to 100 ft. (30 m) depth, including sinking and withdrawing of casing pipe, complete:- 6" dia (page 146 item 1-d)	1	100.000	Rft		100.00	878.05	87805
							P.Rft	
ii	do 100' to 200' depth	1	100.000	Rft		100.00	1365.00	136500
							P.Rft	
iii	do 200' to 300' depth	1	150.000	Rft		150.00	1749.10	262365
							P.Rft	
2	Providing and installing P.V.C. blind pipe, B.S.S. Class 'B', in tubewell bore hole, including sockets and solvents and jointing with strainer, etc. complete. 5" i/d (page 150 item 16)	1	350.000	Rft		350.00	663.65	232278
							P.Rft	
3	P/F of submersible pump JD 1-1/2 KV (China Made) coupled with 2 H.P electric motor 2900 RPM i/c water proof cable triple core 110/76 and 7mm plastic coated steel rope for hanging up to required depth delivery through plastic pipe 1"dia i/c all accessories, fittings steel cover with locking arrangement, circuit breaker box ,volt meter, Ampere meter and carriage from market to site complete in all respect as approved / directed by the Engineer Incharge.	1				1.00	55000	55000
							Each	
4	Providing and hoisting vertical / horizontal types storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer i/c cost of making connection for inlet / outlet pipe, float valve i/c all cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge. (Page 133 item 51)	1	500			500	106.60	53300
							P.Gln	
5	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 specials and valves. medium quality (page 152 item 23-ii)							
i	1" dia	1	80.000	Rft		80.00	275.35	22028
							P.Rft	
ii	do-- 3/4" dia	1	80.000	Rft		80.00	194.30	15544
							P.Rft	
6	Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):- 7/0.91 mm (7/0.036" Twin)	1	20.000	Mtr		20.00	360.20	7204
							P.Mtr	
7	Supply and erection of Sahl wood board, 4.5 cm (1 3/4") thick. 20 x 25 cm (8"x10")					1.00	161.70	162
							Each	
8	Supply and erection of 3 pin 10/15 Amp. wall socket with shoe, open type.					1.00	223.30	223
							Each	
							Total	872409
	Add 3% Contingency						(+)	26172
							Total	898581
							Say	899000
	Cost of 03 No Water supply		899000	x	5.000			4495000
							Total	4495000



Sub Divisional Officer
Buildings Sub Division
Talagang

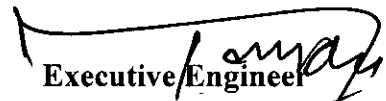

Executive Engineer
Buildings Division
Talagang

**REVAMPING OF WATER SUPPLY LINE
(MRS July 2022 to December 2022)**

S/No	Description	No	Measurements			Qty	Rate	Amount
			L ft.	B ft.	H ft.			
1	Excavation of trenches in all kinds of soil, except cutting rock, for watersupply pipelines upto 5 ft. (1.5 m) depth rock, for watersupply pipelines upto 5 ft. (1.5 m) depth leveling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects.	1	1500	2.500	5.000	18750	7622.75	142927
							%ocft	
2	Providing, laying, testing and commissioning of POLY PROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex / Popular / Beta or equivalent) with specified pressure rating PN (PRESSURE NOMINAL) and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal / External Diameters mentioned). PN-16 pipe (ix) (3") 110 mm	1	1500			1500	1167.65	1751475
							P.Rft	
ii	PN-16 pipe (iii)(1") 32 mm	1	700			700	106.9	74830
							P.Rft	
iii	PN-16 pipe (iv) (1-1/4") 40 mm	1	700			700	161.3	112910
							P.Rft	
3	Providing and hoisting vertical / horizontal types storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer i/c cost of making connection for inlet / outlet pipe, float valve i/c all cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge. (Page 133 item 51)	8	500			4000	106.60	426400
							P.Gln	
							Total	2508542

Say 2509000



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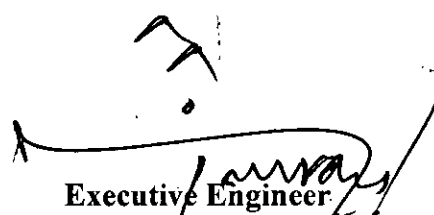

Executive Engineer
Buildings Division
Talagang

REVAMPING OF SEWERAGE SYSTEM

(MRS July 2022 to December 2022)

S/No	Description	No	Measurements			Qty	Rate	Amount
			L ft.	B ft.	H ft.			
1	Earthwork excavation in open cutting for sewers and manholes in all types of soil except shingle, gravel and rock from 0 ft to 7 ft depth.	1	1200	3.000	6.000	21600		
						Total 21600	11740.40	253593
							%cft	
2	Cement concrete brick or stone ballast 1.5" to 2" gauge in foundation and plinth (1:4:8)	1	1200	3.000	0.500	1800		
						Total 1800	24854.05	447373
							%cft	
3	Providing and laying R.C.C. pipe 12" dia 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 to correct alignment and grade, jointing with rubber ring.	1	1200					
						Total 1200	695.6	834720
							P.Rft	
4	Filling, watering and ramming earth under floors with surplus earth from foundation, etc. Take 2/3rd of item no.1		2/3*21600			14400	5090.45	73302
							%o cft	
5	Construction of Main Hole 4'x4' (Detail Attached)	1	30					
						Total 30	70000.00	2100000
							Each	
6	Construction of Manhole 5' dia (Detail Attached)	1	8					
						Total 8	119000.00	952000
							Each	
							Total	4660988
							Say	4661000



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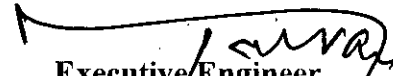

Executive Engineer
Buildings Division
Talagang

ANALYSIS OF RATE FOR MAINHOLE. (4'x4'x6')
(MRS: 1st July 2022 to 31st December 2022)

S/No	Description	No	Measurements			Qty	Rate	Amount
			L ft.	B ft.	H ft.			
1	Earthwork excavation in open cutting for sewers and manholes in all types of soil except shingle, gravel and rock from 0 ft to 7 ft depth.	1	6.000	6.000	6.000	216	11740.40 %cft	2536
2	Cement concrete brick or stone ballast 1.5" to 2" gauge in foundation and plinth (1:6:12))	1	6.000	6.000	0.500	18	21178.45 %cft	3812
3	Pacca brick work in cement sand mortar 1:4 other than building up to 10 feet high	2	5.500	0.750	5.500	45		
		2	4.000	0.750	5.500	33		
					<u>78</u>	32956.30 %cft	25830	
4	Plain cement concrete ratio 1:2:4 I/c placing, compacting, finishing and curing complete.	1	4.000	4.000	0.250	<u>4</u>		
					<u>4</u>	36858.90 %cft	1474	
5	Cement plaster 1:4 up to 20' height 1/2" thick		1x2(4+4)x5.25			84	3241.60 %sft	2723
6	Reinforced cement concrete in roof slab, beams, columns lintels girders and other structural members with nominal mix 1:2:4	1	5.500	5.500	0.500	<u>15</u>		
		22	1.833	1.833	0.333	<u>1</u>		
					<u>14</u>	537.50 P.cft	7592	
7	Fabrication of mild steel reinforcement for cement concrete including cutting bending, laying in position, making joints and fastening, including cost of binding wire and labour charges for binding of steel reinforcement deformed bars		14x6.50x0.454			42	31410.45 %kg	13093
8	P/F of 6" Thick RCC man hole cover 22" dia with T shaped C,I frame of 20" wiring 37.324 Kg Complete.					1.00	15088.25 Each	15088

Total 69612
Say **70000**

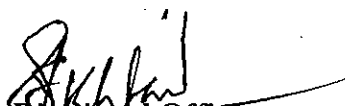

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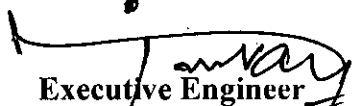

Executive Engineer
Buildings Division
Talagang

**ANALYSIS OF RATE FOR CONSTRUCTION OF MANHOLE CHAMBER 5' DIA 13.549' DEPTH
FOR 18" DIA SEWER.**

(MRS: 1st July 2022 to 31st December 2022)


S/No	Description	No	Measurements			Qty	Rate	Amount
			L ft.	B ft.	H ft.			
1	Earthwork excavation in open cutting for sewers and manholes in all types of soil except shingle, gravel and rock from 0 ft to 7 ft depth.	1	3.142x9.25x9.25x0.25		7.000	470.47	11740.40	5524
							%ocft	
ii	do-- 07ft to 15 ft depth	1	3.142x9.25x9.25x0.25		6.650	446.94	16886.55	7547
							%ocft	
2	Dry rammed brick or stone ballast 1-1/2" to 2"	1	3.142x9.25x9.25x0.25		1.000	67.21	9023.50	6065.
							%Cft	
3	Cement concrete brick or stone ballast 1.5" to 2" gauge in foundation and plinth (1:6:12)	1	3.142x8.25x8.25x0.25		0.670	36	21178.45	7586
							%cft	
4	Pacca brick work in cement sand mortar 1:4 other than building up to 10 feet high							
			3.142x6.125x1.125x3.98				86.17	
			3.142x5.750x0.75x3.75				50.81	
			3.142x(5.75+2.58)/2x0.75x3.75				36.81	
						Total	173.79	
	D/D for pipe		2x3.142x2x2x1.125x0.25				11.05	
						Net	162.74	32956.30
								53633
								%cft
5	Plain cement concrete ratio 1:2:4 l/c placing, compacting, finishing and curing complete.							
			3.142x5x5x0.25x2.42				47.523	
			D/D				7.860	
			1x5x2x1				10	
						Total	29.66	
	for man hole cover	3	2.580	0.750	0.500		3.04	
							32.70	36858.90
								12054
								%cft
6	Cement plaster 1:4 up to 20' height 1/2" thick							
			3.142x7.25x3.98				90.660	
			3.142x6.5x3.75				76.590	
			3.142x(6.5+3.33)/2x3.75				57.910	
						Total	225.16	
	D/D for pipe		2x3.142x2.50x2.50x0.25				9.82	
						Net	215.34	3241.60
								6980
								%sft
7	P/F of 6" Thick RCC man hole cover 22" dia with T shaped C,I frame of 20" wiring 37.324 Kg Complete.						1.00	15088.25
								15088
								Each
8	Providing and fixing 1 1/4"x1 1/4"x3/16" (31x31x5 mm) angle iron step, in manhole chambers, including carriage and setting the same in work to correct lines and levels.							
		8					590.85	4727
								Each
							Total	119204
							Say	119000

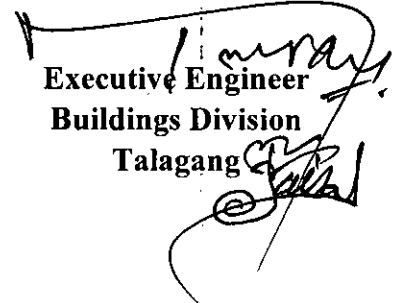

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**Detail of Revamping of Boundary alongwith Razor Wire
(MRS July 2022 to December 2022)**

Sr. No	Description	No	Measurements			Qty	Rate	Amount
			L ft.	B ft.	H ft.			
1	Pacca brick work cement sand mortar 1:5 other than building up to 10' hight	1	4126.0	0.750	2.000	6189		
		522	1.125	0.375	2.000	440		
					Total	6629	32001.10	2121493
							%Cft	
2	Cement pointing 1:2 cement sand mortar struc joint up to 20' hight.	1	4126.0		2.000	8252		
		522	1.875		2.000	1958		
					Total	10210	3516.15	358981
							%Sft	
3	1/2" thick cement plaster 1:4 cement sand mortar up to 20' hight	1	4126.0		2.000	8252		
					Total	8252		
		522	1.125		2.000	1175		
					Net	7078	3241.60	229424
							%Sft	
4	P/A Wetather shield paint 2 coats on new surface. Same Qty of Item No.4 Same Qty of Item No.5					10210 7078		
					Total	17287	5245.30	371236
							%Sft	
5	Providing and fixing anti climb high security galvanized razor cut wire having double sharp four U-shaped pointed 0.5 mm thick (22mmx15 mm barbs) spaced @ 33 mm c/c cladded over 2.5 mm dia high tensile Core wire making coil fencing of specified diameter @ 4" c/c fixed on 2'-3" high M/S angle iron post 1½"x1½"x3/16" embeded in base of PCC (1:2:4) (4"x4"x9") @ 4' apart i/c the cost of 2 No. bars 3/8" dia welded horizontally with angle iron posts, binding wire, painting of posts, etc. complete in all respects as pproved and directed by the Engineer incharge. 18" diameter	1	4126.0			4126	500.15	2063619
							P.Rft	
							Total	5144754
	Add 3% Contingency						(+)	154343
							Total	5299096
							Say	5299000


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

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

8. ANNUAL OPERATING COST (POST COMPLETION)

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

Grant Number:Government Buildings - (PC12042)
LO NO:LO21011481
A/C To be Credited:Account-I

PKR Million

Sr #	Object Code	2023-2024		2024-2025		2025-2026		2026-2027		2027-2028	
		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):N/A

Grant Number:Government Buildings - (PC12042)
LO NO:LO21011481
A/C To be Credited:Account-I

PKR Million

Sr #	Object Code	2023-2024		2024-2025		2025-2026		2026-2027		2027-2028	
		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

9. DEMAND AND SUPPLY ANALYSIS

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

10. FINANCIAL PLAN AND MODE OF FINANCING

10.1 FINANCIAL PLAN EQUITY INFORMATION

10.2 FINANCIAL PLAN DEBT INFORMATION

undefined

10.3 FINANCIAL PLAN GRANT INFORMATION

attached

10. Financial Plan and Mode of Financing

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

Revenue Side

(Rs.in
Million)

Year	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Funds Released	38.000	22.762	2.400	2.371	4.595	7.848	77.977
Utilization	19.614	22.699	2.344	2.164	4.501	1.185	52.902

Capital Side:

Year	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Funds Released	0	0	0	0	20.200	16.911	36.911
Utilization	0	0	0	0	20.200	0.000	20.200

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

10.4 WEIGHT COST OF CAPITAL INFORMATION

undefined

11. PROJECT BENEFITS AND ANALYSIS

11.1 PROJECT BENEFIT ANALYSIS INFORMATION

Social Benefits with Indicators

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

11.3.1 Social Impact:

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

Employment Generation (Director and Indirect)

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

11.2 ENVIRONMENTAL IMPACT ANALYSIS

Environmental Impact

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

11.3 PACT ANALYSIS

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11.4 ECONOMIC ANALYSIS

Impact of Delays on Project Cost and Viability

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

11.5 FINANCIAL ANALYSIS

Financial Benefits & Analysis

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

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

The Human Development Index of Pakistan (HDI) will improve

Infant Mortality Rate will decrease

Mother Mortality rate will be decreased

The international commitments of Pakistan will be accomplished

Health standard of public will

Better Health Facilities to mother and

Prompt and scientific facility for operation

Rehabilitation of disables and injured

Blindness in this area will be decreased and controlled

Better social and mental health to addict

Provision of better health facilities at doorsteps

Awareness and control for communicable

Survival of heart failure

Social indicators of Pakistan will improve

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

11.1.1 Financial Impact:

In the beginning, It is extremely difficult to put a money value on each life saved by taking/shifting a critically ill patient to the appropriate health facility for treatment. However, the exact amount spent shall be calculated against each patient shifted by analyzing data collected during operations.

11.2 Revenue Generation

Revenue will be generated from:

Indoor fee

Laboratory fees

Diagnostic facility fees

Dental fee

ECG fee

Private room charges

Ambulance charges

From other fees prescribed by Government

12. IMPLEMENTATION SCHEDULE

12.1 IMPLEMENTATION SCHEDULE/GANTT CHART

Implementation Schedule

Original Gestation period (From September, 2017 to June, 2019)

Extension in Gestation period for one year with no change in cost & Scope till June 2020.

1st Revised gestation period till June, 2021

2nd Revised gestation period till June, 2023.

3rd Revised gestation period till June, 2025

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12.4 M&E PLAN

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

12.5 RISK MITIGATION PLAN

attached

RISK REGISTER

Programme for Revamping of all THQ Hospitals in Punjab

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

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13. MANAGEMENT STRUCTURE AND MANPOWER REQUIREMENTS

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

14. ADDITIONAL PROJECTS / DECISIONS REQUIRED

NA

15. CERTIFICATE

Focal Person Name:Mr. Adeel Aslam

Designation:Project Director, PMU P&SHD

Email:

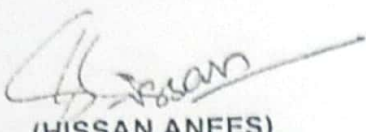
Tel. No.:

Fax No:

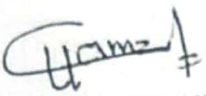
Address:31/E1, Shahrah-e-imam Hussain? Road? Block E 1 Gulberg III, Lahore, Punjab

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

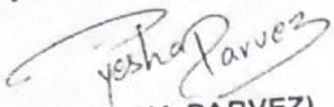
Prepared By:



(HISSAN ANEES)
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(042-99231206)
(Oct-2022)


(RIZWAN SHOUKAT)
PROCUREMENT SPECIALIST, (PMU),
PRIMARY & SECONDARY HEALTHCARE
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(Oct-2022)



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

Checked By:


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


(KHIZAR HAYAT)
PROJECT DIRECTOR (PMU),
PRIMARY & SECONDARY HEALTHCARE
DEPARTMENT, LAHORE
(042-99231206)
(Oct-2022)

Approved By:


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

17. RELATION WITH OTHER PROJECTS

Scheme ID	Scheme Name
	Revamping of THQ Hospital, Talagang District Chakwal

20. MARGINALISATION OF PC-1

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

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