



PC-1

Balance Work of Revamping of DHQ Hospital Kasur.

ORIGINAL APPROVED COST	PKR Million. 179.196/-
ORIGINAL APPROVED GESTATION	49 Months Till December 2025
APPROVAL FORUM	DDSC (DDSC)

1. NAME OF THE PROJECT

Balance Work of Revamping of DHQ Hospital Kasur.

2. LOCATION OF THE PROJECT

2.1. DISTRICT(S)

I. KASUR

2.2. TEHSIL(S)

I. KASUR

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 and C&W Department
	3.3 Operation & Maintenance	PMU for Revamping Program of Primary and Secondary Healthcare Department and District Government
	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: 5347
3	Total Allocation: 0.000
4	Comments: Provision of Rs.1300 M reflected at G.S. No.660 of ADP 2022-23 titled “Balance Work of Revamping of All DHQ & 15 THQ Hospitals in Punjab.

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 P&SHD had decided to launch massive revamping of 40 THQ & DHQ Hospitals in the current financial year 206-17. Program was launched to provide timely quality health care through 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, stopping overuse of some care and ending misuse of unneeded services. 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 Healthcare, Government of the Punjab is dedicated in making strenuous efforts for ensuring a better and effective Health Care system in the hospitals.

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.

The defining step in this direction was to recognize the importance of Health Care at Primary & Secondary Levels. In order to address the dilapidated condition of hospital infrastructure, scope of work, based on the followings was chalked out:

- Addition of human resource
- Rehabilitation and improvement of infrastructure
- Supply of missing biomedical and non-biomedical equipment;
- Introduction of IT-based solutions
- Outsourcing of allied services
- Standardization of hospital protocols.

5.1. Brief Description / Background

The District Head Quarters (DHQ) Hospitals are located at District headquarters level and serve a population of 1 to 3 million, depending upon the category of the hospital. The DHQ hospital provides promotive, preventive and curative care, advance diagnostics, inpatient services, advance specialist and referral services. DHQs provides referral care to the patients including those referred by the Basic Health Units, Rural Health Centers, Tehsil Head Quarter hospitals along with Lady Health Workers and other primary and secondary care facilities.

Similarly, Tehsil Head Quarter Hospitals are located at each Tehsil Headquarter and serve a population of 0.5 to 1.0 million. At present, the majority of THQ hospitals have 40 to 60 beds. The THQ hospital provides promotive, preventive and curative care, diagnostics, inpatients, referral services and also specialist care. THQ hospitals are also supposed to provide basic and comprehensive Emergency Obstetric and Newborn Care. THQ hospital provides referral care to patients, including those referred by the Rural Health Centers, Basic Health Units, Lady Health Workers and other primary care facilities.

Keeping in view the importance of primary and secondary health care, the department has decided to launch massive revamping of 40 DHQ & THQ Hospitals in the current financial year (25 DHQ's and 15 THQ's). In addition to this, as a part of special instructions, the department has also taken improvement of emergencies in 15 DHQ & THQ Hospitals.

Infrastructure improvement portfolio was undertaken in all DHQ & 15 THQ Hospitals through Infrastructure Development Authority Punjab (IDAP) with the following details:

(A) Repair/Renovation of Clinical Covered Area - Establishment / Up-gradation of Missing Facilities (Emergency, ICU, CCU, Burn Unit, Dialysis Unit, Physiotherapy, Dental Unit, CT Scan, Mortuary and Yellow Room) Complete Renovation of Existing internal infrastructure (Wards, OPD Rooms, Corridors, Operation Theaters and Diagnostic blocks) with state-of-the-art clinical friendly materials

B) External Development - Façade, External Pathways, Platforms, Sewerage and Water Supply System

C) External Electrification

- Dedicated Power Lines (Dual Supply and Express Lines)
- External wiring

(D) Establishment / Up-gradation of Missing Health Facilities:

- Emergency
- CT Scan
- Dialysis
- ICU
- CCU
- Physiotherapy
- Mortuary
- Dental Unit

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.

Civil work revamping of all DHQ & 15 THQ Hospitals was undertaken during the FY 2016-17 through Infrastructure Development Authority Punjab (IDAP). Details of revamping in DHQ is given below:

Total area of the DHQ Hospital Kasur:	109,161 SFT
Area completed :	100,113 SFT
Remaining Area:	9,048 SFT

Later on the IDAP informed that they will not be able to take the next revamping plan of DHQ/THQ Hospitals of Punjab on the grounds that it does not fall in the project role of IDAP specified in the 36th meeting of Principal Cabinet of IDAP held on 26-10-2020.

Accordingly, on the basis of RCE of IDAP and de-scope civil work received 25 sub-schemes of all DHQ and 15 THQ Hospitals have been approved from PDWP in its meeting held on 36-03-2021 and DDSC meeting held on 29-04-2021. Sub-schemes of all DHQ & 15 THQ Hospitals were concluded.

Now it has been decided to complete the balance civil work of revamping through C&W Department. Accordingly, the Rough Cost estimates of balance civil work

has been got prepared from the Punjab Buildings Department for preparation of instant PC-I.

5.2 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 three categories

5.4.1 External Development

5.4.2 Internal Development

5.4.3 Medical Infrastructure Development

5.4.4 Emergencies Development

5.3 External Development

5.3.1.1 External Platforms

In order to improve the communication between blocks, necessary interventions are taken to improve the existing metaled road network. Moreover, new internal metaled road is proposed to access the blocks of hospital.

5.3.1.2 Façade Improvement

In order to improve the aesthetics of hospital, façade uplift has been proposed in order to give the feel of modern architectural era.

5.3.1.3 Sewerage System

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 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.

5.3.2.1 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/stretchers 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.

5.3.2.2 Seamless flooring and Lead Lining

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

5.3.2.3 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.

5.3.2.4 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.

5.3.2.5 Fire and theft security

The security of hospital against fire and theft is another patient beneficial initiative in the revamping program. The provision of different types of fire extinguishers and installation of different types of CCTV cameras is also proposed in this program. The fire extinguishers are planned to place at those positions in the building where the fire event is most likely to occur and CCTV cameras are designed to install at those location where monitoring is essential from security point of view. These points also include the external areas of hospital like main gates etc.

5.3.3 Medical Infrastructure Development

Includes establishment of new facilities which are as follows:

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.

In the revamping program, following clinical facilities are being introduced in the DHQ Hospital:

I.C.U, C.C.U, Burn Unit, Dialysis Unit, C.T. Scan, Dental Unit, Physiotherapy Unit and Prisoners ward

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 ICU

District Headquarter Hospitals (DHQ) serve catchment populations of the whole districts (1-2 million) and provide a range of specialist care in addition to basic outpatient and inpatient services. They typically have about 100 to 300 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 DHQ 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 DHQ and 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.

5.3.3.2 CCU

Understanding these ground realities Primary and Secondary Healthcare Department, Government of the Punjab has decided to establish coronary care units (CCU) in DHQ 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.

5.3.3.3 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.

District Headquarter Hospitals (DHQ) & 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 cities or to costly private setups of dialysis. Primary and Secondary Healthcare Department has decided to establish & strengthening already existing 10 bedded dialysis at DHQ hospitals & 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.

5.3.3.4 BURN UNIT

To improve the quality of medical care rendered to burn patients, primary and secondary Healthcare Department has decided to establish burn units in DHQ hospital as a part of its Annual Development Plan. Effective management of Burn victims is a complicated and challenging intervention in a developing country like Pakistan. Absence of clinical standards, protocols, and guidelines for care of burn patients in health facilities is an important constraint. Primary and Secondary Healthcare Revamping programme (PSHRP) is the initiative by the Chief Minister of Punjab to improve the healthcare delivery system in the province Acquisition of licenses for all DHQ and 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.

Burns are among the most common types of trauma occurring in any society. Most burns are relatively small and consequently not life threatening, but large burns, even partial thickness ones, still pose a major threat when not treated properly. Even smaller burns may cause major morbidity, because the injury is very painful and may lead to disfiguring scar formatting, primarily hypertrophic scarring. The 4 bedded Burn Units will treat children and adults with thermal burns, chemical burns, electrical burns etc.

Primary and secondary healthcare department focusing on optimal management of patient with up to 30% burns in newly developed burn units and desired to establish a proper referral system for patients who have more than 30% burns. Primary and secondary healthcare department has directed its efforts towards development of an organized system for total care of the burn patient including development of medical protocol, training & retaining the qualified medical/nursing staff and coordination with specialized health & Medical education department.

5.4.1 EMERGENCY DAPARTMENT:

All THQS and DHQs are already providing emergency services to critical ill patients. As for 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.

5.4.2 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:

5.4.3 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:-

5.4.4 Addition of Portico and External Structures

The external structures like portico, ramp/stretchers way for entrance, podium and platform for wheel chairs are proposed in this program for facilitation of patients. Portico is a small structure constructed outside the covered area consisting of four or two columns carrying a slab or roof over it. This portico is constructed in this program outside the emergency department to provide a shade for the ambulance or any other vehicle carrying the patient. With presence of this portico, it will facilitate the patient to transfer it from ambulance to the department under a shade so that it provides resistance against the rain or other weathering effects.

Ramp/Stretchers way is an essential structure to be constructed outside the emergency department because almost all the patients coming towards the emergency block are on either wheel chairs or stretchers. It is impossible for a wheel chair or stretcher to cross the stairs in order to enter in the department. To cope up with this problem, ramp or stretchers way is proposed outside the emergency department to provide a smooth passage for the stretcher or wheel chair. Platform for wheel chairs is proposed in this program in order to provide a station for wheelchairs. The presence of this wheel chairs platform will ensure in time access to the wheel chairs when required. In order to give a feel of modern architecture and to uplift the existing shabby outlook of the department, interventions regarding façade improvement are taken in this program.

5.4.5 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

5.5 Introduction of IT-based solutions

This includes implementation of IT-based solutions for improving services delivery standards to ensure better service delivery to general public/patients. In this regard, a dedicated Project Management Unit (PMU) established comprises ICT wing with the scope of revamping exercise include but not be limited to provision of IT equipment & IT solutions.

Currently, Queue Management System (QMS) integration with Hospital Information Management System (HIMS) project was under execution by PITB for Phase-I DHQ/THQ 40 hospitals.

Number of software application has been developed, deployed and implemented in hospitals by using the IT manpower in hospitals by PMU ICT team that includes but not limited to:

- Invoice Management System
- MEPG mobile application & web portal for outsourced services monitoring system.
- Janitorial mobile application & web portal
- Surgery Tracking Application & web portal
- Patient Feedback Application & web portal
- Stock Management /Consumable Application
- Equipment Management Portal
- Hospital Management Information System for Phase-II hospitals
- Patient Referral System Portal

- MLC portal

5.6 MONITORING AND QUALITY ASSURANCE (PROCESS INTERVENTIONS)

During construction phase, “Construction Supervision” will be carried out by the Procuring Agency (Director Infrastructure) who will certify construction activity.

5.6.1 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 THQ and DHQ 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 DHQ hospital provides promotive, preventive, curative, advance diagnostics, inpatient services, advance specialist and referral services. All DHQ hospitals are supposed to provide basic and comprehensive EmONC. DHQH provides referral care to the patients including those referred by the Basic Health Units, Rural Health Centers, Tehsil Head Quarter hospitals along with Lady Health Workers and other primary care facilities. 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 Hospitals. 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 SWOT analysis and gap identification
8. Continuous strategy making and implementation with backup plan for secondary options.
9. Responsibility designation for clinical and non-clinical procedures and activities.
10. Effective utilization, calibration and maintenance of equipment with record maintenance and their audit
11. Establishment of plans, implementation, analysis of gaps with alternate planning regarding fire evacuation plan, hospital infectional control plan, hospital operational and strategic plans, disaster plan both internal (partial / complete) and external.

The PDSA cycle

1. Developing a plan to test the change (Plan),
2. Carrying out the test (Do),
3. Observing and learning from the consequences (Study), and
4. Determining what modifications should be made to the test (Act).

5. Monitoring effective load sharing of Human resource and equipment within hospitals.
6. Addition of new HR/ rationalization on requirement of MSDS indicator compliance for effective departmental organization and their planned trainings by MPDD, UHS ETC
7. Standard optimization of Standard operating procedures and methods for their effective adoption by hospital human resource.
8. We have also extended our MSDS implementation in 20 more departments such as dentistry, ICU, ccu, Dialysis, mortuary, burn unit, physiotherapy, orthopedics, medicine, nursing, paedes, ophthalmology, derma, TB, urology, patient transfer system, store and purchase, audit and accounts, procurement, planning etc. We are also in process of preparing manuals, SOPS, plans, universal forms, and universal registers with universal tracking system of record.
9. We have developed an application for continuous monitoring of MSDS compliance.

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

5.6.2 Supply of missing Biomedical and non-biomedical equipment

Procurement of Bio and non-biomedical equipment as per requirement of the hospital and available financial resources in all DHQ and 15 THQ Hospitals completed.

Impact of supply of missing Biomedical and non-biomedical equipment;

- With the addition of necessary biomedical equipment like CT Scan/X-Ray/Ultrasound and Color Doppler, Burn Unit equipment, ICU/CCU equipment, Ventilators, Medical Gas Pipeline System and Operation Theaters etc. hospital clinical staff and administration is able to provide better healthcare to the patients' way beyond the limits prior to revamping.
- Due to availability of this necessary biomedical equipment coupled with trained staff, the load on specialized healthcare hospitals has greatly reduced. The hustle and bustle of general public (especially rural) faced due to travelling towards far furlong specialized healthcare hospitals has reduced.
- Lifesaving biomedical equipment for instance Emergency Equipment, Operation theaters equipment has contributed in saving many lives due to availability of the said equipment and this contribution is still going on.
- Non availability of this equipment was enforcing the public for private and costly treatments, which was resulting into huge financial impact on public. The availability of these services at government rates has beneficial impact on public.
- The provision of non-biomedical equipment has facilitated the public, patients and staff largely e.g. Air Conditioners, Office Furniture, Benches, Ceiling fans and generators etc.
- The provision of non-biomedical equipment e.g. waste bin sets, bed sheets, blankets etc. has contributed towards overall hospital cleanliness which has reduced the disease hotspots of hospitals.

Biomedical Equipment Resource Center (BERC) has been working under PMU to record and maintain an updated elaborate and sophisticated asset inventory of biomedical equipment in DHQ and THQ Hospitals at provincial level, respond to repair calls by mobilizing the assigned repair personnel/vendors/firms and analyze the data to identify quality, repair track and life span (end-of-life) of equipment; quality of service of vendor/firm/party and quality of service of the service provider handling the equipment; and use the information to raise alerts in relevant departments for adequate action (procurement, condemnation, black-listing of vendor etc.)

5.7. Electronic Medical Record (EMR) and QMS

5.7.1 Queue Management System (QMS)

OPD in DHQ has enormous patient load, due to the only big public sector serving hospital in Districts and 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 DHQ is given as follows:

There are 35 counters at DHQ 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.

The same process described above for DHQ will be implemented for THQ but with lesser number of counters i.e. 25. 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.

5.7.2 Public Address System

Hospital Staff / Patients / Public Address System at Hospitals is a mandatory part of any hospitals facility following the international standards. The system is required to serve the multipurpose of announcing code blue (Critical Situation), making general announcement to attendants / Patients or to call patients or to transmit the fire tone under fire condition. The said system has been installed with 20 locations at hospitals with speakers and two announcement locations within the hospital. This will help in streamlining the operations of hospitals and for efficient and better service delivery and to better patient care.

5.7.3 CCTV System

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 being provided by an outsourced security company in relevant 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 40 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 40 public sector healthcare facilities.

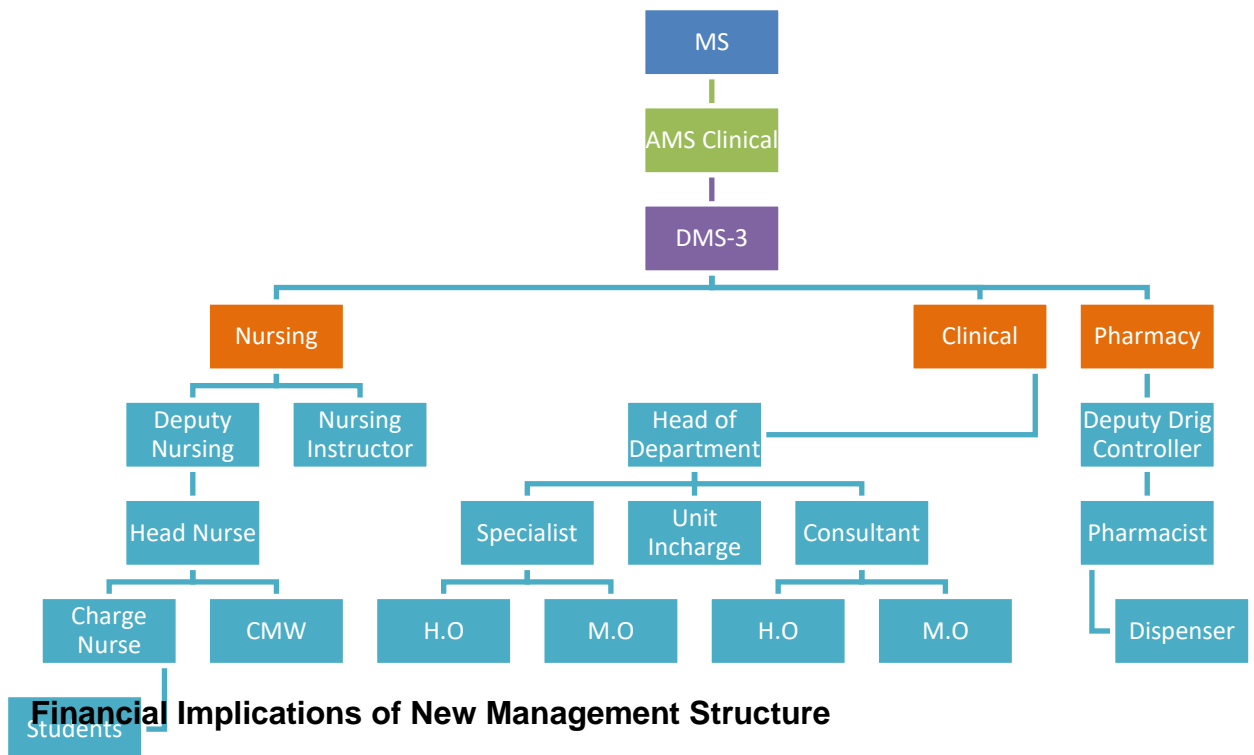
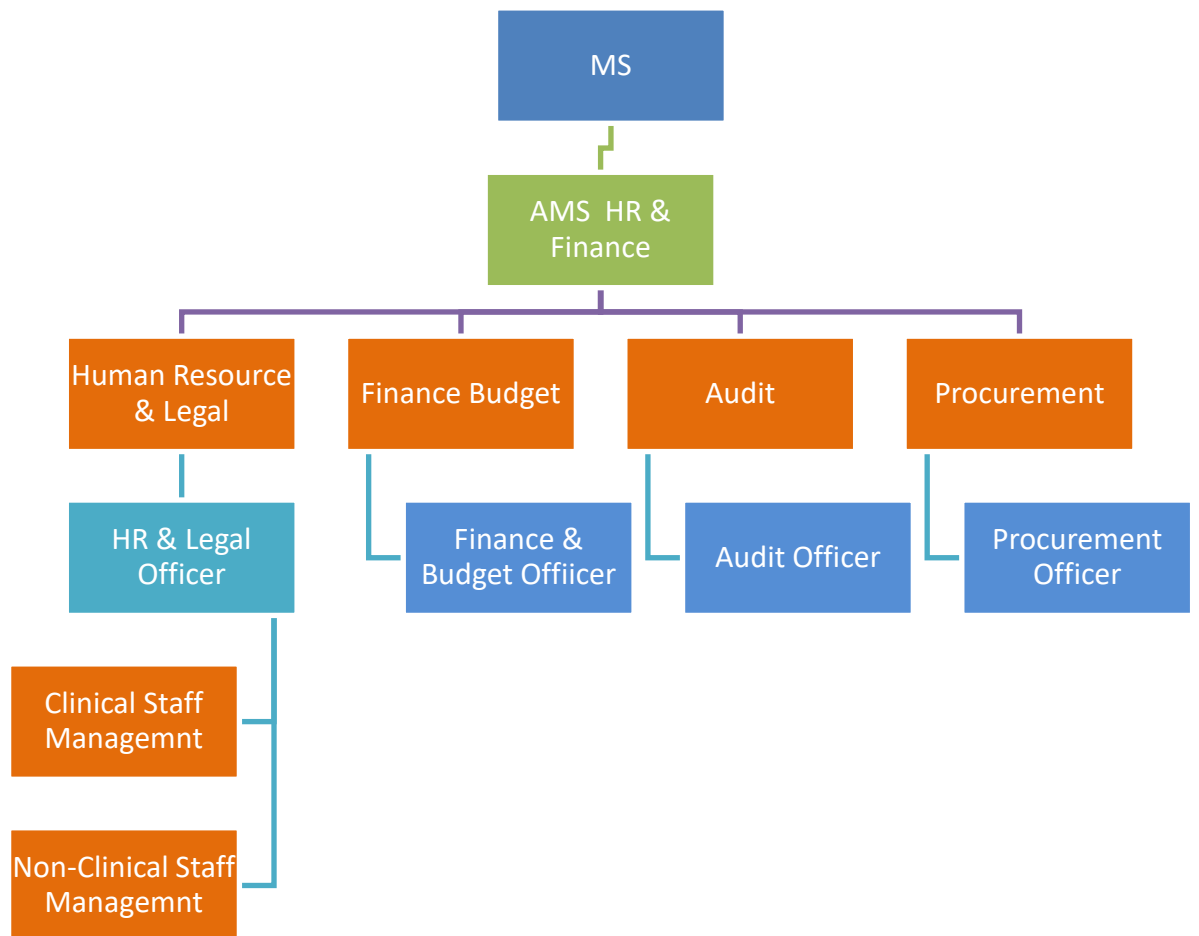
5.7.4 EMR and Networking

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.



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</u> <u>(PPS)</u>	<u>Revised Project Pay Scales</u> <u>(Permissible Range) (PKR)</u>	<u>Annual Increment</u> <u>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
AUDIT OFFICER	1	80,000	960,000	105,000	1,260,000
PROCUREMENT OFFICER	1	80,000	960,000	105,000	1,260,000
LOGISTICS OFFICER	1	80,000	960,000	105,000	1,260,000
BIOMEDICAL ENGINEER	1	80,000	960,000	105,000	1,260,000
QUALITY ASSURANCE OFFICER	1	80,000	960,000	105,000	1,260,000
DATA ENTRY OPERAOTOR (DEO)	4	35,000	1,680,000	44,000	2,112,000

ASSISTANT ADMIN OFFICER	4	50,000	2,400,000	70,000	3,360,000
	17	805,000	12,720,000	1,059,000	16,812,000

5.8.1 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

5.8.2.1 HR / Legal 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 H R/ Public Administration/ MBA / Management / Administration / LLB/ M.Com or equivalent from HEC recognized University
2. Minimum 1 year post degree relevant professional experience (Additional credit may be given for hospital administration/Public sector experience of similar nature)

5.8.2.2 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
7. & Finance/MS/P&SHD

Eligibility Criteria

1. Minimum qualification Masters' degree in Finance (MBA Finance)/ M.Com / CA Inter/ ACCA or equivalent from HEC recognized University or officer from treasury service / subordinate accounts service (Additional credit may be given to Chartered accountant / ACCA)
2. Minimum 1 year post degree experience of Finance, Accounts & Budget (Additional credit may be given for Public sector experience of similar nature)

5.8.2.3 Audit Officer

Shall be responsible for following functions:

1. Smooth conduct and completion of all types of audit in hospital
2. Pre-audit of all Payments
3. Liaison with external audit teams
4. Preparation of replies of audit paras, working paper for Department Accounts committee, Special Departmental accounts committee & Public Accounts committee meetings
5. Development of SOPs for finance, budget, procurement as per Government rules & regulations

6. Any other function assigned by AMS HR& Finance /MS/P&SHD

Eligibility Criteria

1. Minimum qualification Masters' degree in Finance/ MBA Finance / Chartered Accountant / ACCA / M.Com or equivalent from HEC recognized University.
2. Minimum 1 year post degree experience of audit (Additional credit may be given for Public sector experience of similar nature)

5.8.2.4 Procurement Officer

Shall be responsible for following functions:

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

Eligibility Criteria

1. Minimum qualification Masters' degree in Finance/ MBA Finance / BSc Engineering / Pharm D/ Economics / Statistic / M.Com or equivalent from HEC recognized University
2. 1 year post degree experience of procurement (Additional credit may be given for public sector experience of procurement)

5.8.2.5 ADMIN OFFICER AND ASSISTANT ADMIN OFFICER

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

1. Security
2. Transport
3. Parking
4. Janitorial
5. Canteen
6. External housekeeping
7. Electrical works

8. Internal housekeeping
9. Laundry
10. 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 (Admin Officer)

1. Minimum qualification Masters' degree in Economics/ Public Administration/ Finance/ MBA Finance / Administration / Statistic / Computer Science/M.Com / BSc Engineering/ Pharm D or equivalent from HEC recognized University
2. Minimum 1 year post degree relevant professional experience (Additional credit may be given for hospital administration/ Public sector administration of similar nature)

Eligibility Criteria (Assistant Admin Officer)

1. Minimum qualification Masters' degree in Social Sciences / Public Administration / MBA / ACMA / ACCA / Statistics/ Computer Science / M.Com / Pharm D or equivalent from HEC recognized University
2. Relevant professional experience will be preferred (Additional credit may be given for hospital administration/ Public sector administration of similar nature)

5.8.2.6 IT/STATISTICAL OFFICER

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

He shall be in liaison with PITB/HISDU for proper reflection of hospital record on PITB 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 / MCS / BSCS (Hons) / MSC Statistics/ MBA / M Com / BS Engineering or equivalent from HEC recognized University
2. 1 years post degree experience of IT / Data analysis (Additional credit may be given for similar assignment experience)

5.8.2.7 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 professional experience.

5.8.2.8 BIO-MEDICAL ENGINEER

He shall be responsible for all items of Bio-Medical and Non-Bio-Medical in the hospital.

Eligible Criteria

1. BSc Bio-Medical Engineering / BSc Electrical Engineering / BSc Electronics or equivalent from HEC recognized University.
2. Minimum 1 year post degree relevant experience. 2 year experience is preferable.

5.8.2.9 LOGISTICS OFFICER

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

Eligible Criteria

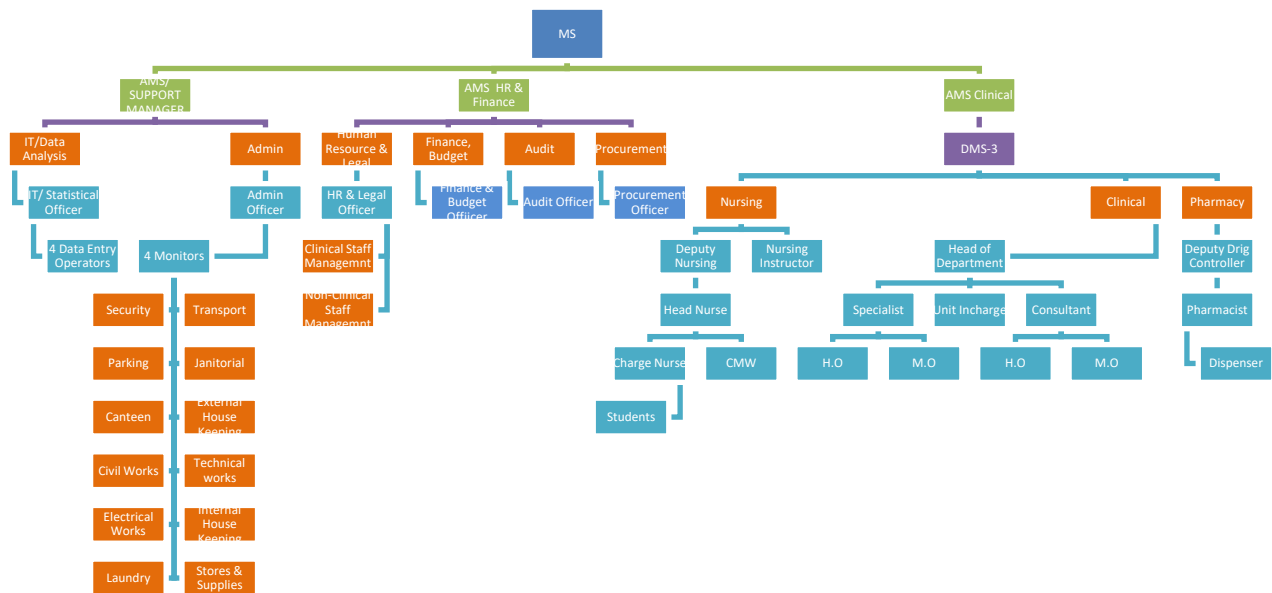
1. M.Sc. Supply Chain Management/ MBA or Equivalent.
2. One year experience in Supply Chain, logistics, fleet, warehousing and inventory management, clearing and forwarding.

5.8.2.10 Data Entry Operators (DEO)

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

Eligible Criteria

1. Minimum qualification BA / BSc / B.COM / BCS or equivalent from HEC recognized University. In case of BA / B.Com candidate must have six month computer course / Diploma.
2. Proficient in MS Word/ MS Excel/ MS Power point. Candidate must have typing speed of minimum 30 WPM. (additional credit may be given for additional relevant certified computer courses)
3. 1 years post degree relevant experience



Financial Implications of New Management Model

Name of Post	No. of Employees	Revised Pay package	
		Per Month Salary	Salary for One Year

ADMIN OFFICER	1	105,000	1,260,000
HUMAN RESOURCE OFFICER	1	105,000	1,260,000
IT/STATISTICAL OFFICER	1	105,000	1,260,000
FINANCE & BUDGET OFFICER	1	105,000	1,260,000
AUDIT OFFICER	1	105,000	1,260,000
PROCUREMENT OFFICER	1	105,000	1,260,000
LOGISTICS OFFICER	1	105,000	1,260,000
BIOMEDICAL ENGINEER	1	105,000	1,260,000
QUALITY ASSURANCE OFFICER	1	105,000	1,260,000
DATA ENTRY OPERATOR (DEO)	4	44,000	2,112,000
ASSISTANT ADMIN OFFICER	4	70,000	3,360,000
	17	1,059,000	16,812,000

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

Government of the Punjab decided to reform primary and secondary healthcare network into a robust, proficient and vibrant delivery system. It was a landmark initiative to revamp and rehabilitate DHQ /THQ Hospitals throughout the province. Revamping of DHQ and THQ Hospitals has been a flagship program of Primary and Secondary Healthcare Department. Scope of Revamping program includes six major components like (a) Addition of human resource, (b) Rehabilitation and improvement of infrastructure, (c) Supply of missing biomedical and non-biomedical equipment; (d) Introduction of IT-based solutions, (e) Outsourcing of allied services and (f) Standardization of hospital protocols. It was realized that a dedicated Project Management Unit (PMU) to be established to undertake this ambitious revamping program, which would steer all these components towards successful service delivery meeting the quality on priority basis.

5.9 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.

5.10 PATIENT MANAGEMENT PROTOCOL

5.10.1 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.

5.10.2 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.

5.10.3 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.

5.10.4 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.

5.10.5 PROJECT MONITORING COMMITTEE

A Project Monitoring Committee is hereby constituted as under to monitor the project regarding Revamping of Hospital.

- | | | |
|----|------------------------------|--------------------|
| 1. | DC Concerned | (Chairman) |
| 2. | DMO, Concerned | (Member) |
| 3. | Executive Engineer Buildings | (Member) |
| 4. | AC Concerned | (Member) |
| 5. | MS DHQ Hospital | (Secretary/Member) |

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

6. DESCRIPTION AND JUSTIFICATION OF PROJECT

6.1 JUSTIFICATION OF PROJECT

attached

6. DESCRIPTION, JUSTIFICATION AND TECHNICAL PARAMETERS

The scheme has been estimated on face of the factual basic requirements and if needed, alterations and has been quoted in this PC-I. The Population of District Kasur is more than 2.903 million. The area of the DHQ Hospital Kasur is 923006 SFT land.

6.1 DESCRIPTION AND JUSTIFICATION

Government of the Punjab has taken a special initiative for Revamping of DHQs and THQs hospitals all over the Punjab. The instant PC-I is meant for completion of Balance work of Revamping of the said Hospital. For this purpose a block allocation of Rs.1300 million has been earmarked in ADP at G.S.No 660 during 2022-23. Hence the PC-I is submitted.

Punjab has a unique burden of disease where on the one hand preventable diseases still take a heavy toll, on the other hand, diseases which were previously believed to have had been effectively curtailed, have re-emerged. This is particularly in view of the targets set under Sustainable Development Goals (SDGs) such as the end of epidemics such as aids, tuberculosis and malaria by the year 2030, and control over hepatitis, water-borne diseases and other communicable diseases while reduction to one-third of premature mortality due to non-communicable diseases through ensuring availability of effective prevention and treatment.

Primary Health sector in the province is not in a satisfactory condition at this point in time. In order to pay better attention to the primary and secondary health department, the Government of Punjab has created a new department. Government plans to launch a major program comprising several major projects and interventions in the primary health sector with a view to carry out a 360 overhaul of the health machinery. This program will be launched in 25 DHQ hospitals and 100 THQ hospitals of the province.

Civil work revamping of all DHQ & 15 THQ Hospitals was undertaken during the FY 2016-17 through Infrastructure Development Authority Punjab (IDAP). Later on the IDAP informed that they will not be able to take the next revamping plan of DHQ/THQ Hospitals of Punjab on the grounds that it does not fall in the project role of IDAP specified in the 36th meeting of Principal Cabinet of IDAP held on 06-10-2020. Accordingly, on the basis of revised RCE of IDAP and de-scope civil work for 25 sub-schemes of all DHQ and 15 THQ Hospitals have been approved from PDWP in its meeting held on 36-03-2021 and DDSC meeting held on 29-04-2021. Sub-schemes of all DHQ & 15 THQ Hospitals were concluded.

Thereafter it was decided to complete the balance civil work of revamping through C&W Department and a block scheme titled “Balance Work of Revamping of all DHQ/15 THQ Hospitals in Punjab” was included in ADP 2021-22. Accordingly, the Rough Cost estimates of balance civil work has been got prepared from the Punjab Buildings Department for preparation of PC-Is and were approved from the DDSC. There is no change in cost of civil work component in the revised scheme of the PC-I.

JUSTIFICATION FOR REVISION OF PC-I

1. In place of the clerical positions, the Department introduced a New Management Structure (NMS), in all District and Tehsil Headquarters Hospitals. The officers/officials recruited as a part of the NMS have a minimum of 16 years of education. Introduction of New Management Structures (NMS) across all secondary hospitals in the Punjab, has allowed for the overall efficiency of District and Tehsil Headquarters Hospitals. In each Tehsil Headquarter Hospital HR under MNS has been provided for smooth running of the health services. Pay Package for NMS Staff was never been revised since 2017-18, therefore it was decided to approach the P&D Department for revision of Pay package. The PDWP approved revised pay page in its meeting held on 08-02-2022 based on PPS approved in 60th PDWP meeting as under: -

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

Now the Planning & Development Board vide letter No.12(24)PO(COORD-II)P&D/2022 dated 14-07-2022 has informed that revised standard pay package

were discussed and approved by the 83rd PDWP meeting held on 28-06-2022 under the chairmanship of Chairman P&D Board for all ADP funded Project posts of Department /Organizations working in Government of the Punjab. Therefore, the revised Pay Package has been incorporated in the revised PC-I. Due this the revenue component meant only for salaries of NMS staff has been increased.

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 all DHQ /15 THQ Hospitals and hence PC-I has been proposed till 30- 06-2025.

6.1.2 DHQ/THQ Hospitals covered under the Project: The location map of the DHQ and THQ hospitals that will be taken up for rehabilitation in this program are

given

below



The names of the DHQ and THQ hospitals that will be taken up for completion of balance work of in this program are given below:

The names of the DHQ and THQ hospitals that will be taken up for completion of balance work of in this program are given below:

- 1 DHQ Hospital Attock
- 2 DHQ Hospital Bahawalnagar
- 3 DHQ Hospital Bhakhar
- 4 DHQ Hospital Chakwal
- 5 DHQ Hospital Chiniot
- 6 DHQ Hospital Hafizabad
- 7 DHQ Hospital Jhang
- 8 DHQ Hospital Jhelum
- 9 DHQ Hospital Kasur
- 10 DHQ Hospital Khanewal
- 11 DHQ Hospital Khushab
- 12 DHQ Hospital Layyah
- 13 DHQ Hospital Lodhran
- 14 DHQ Hospital MBD
- 15 DHQ Hospital Mianwali
- 16 DHQ Hospital Muzaffargarh
- 17 DHQ Hospital Nankana Sahib
- 18 DHQ Hospital Narowal
- 19 DHQ Hospital Okara
- 20 DHQ Hospital Okara South City
- 21 DHQ Hospital Pakpattan
- 22 DHQ Hospital Rajanpur
- 23 DHQ Hospital Sheikhupura
- 24 DHQ Hospital T T Singh
- 25 DHQ Hospital Vehari
- 26 THQ Hospital Ahmedpur East District Bhahawalpur
- 27 THQ Hospital Arifwala District Pakpattan
- 28 THQ Hospital Burewala District Vehari
- 29 THQ Hospital Chichawatni District Sahiwal
- 30 THQ Hospital Chistian District Bhahawalnagar
- 31 THQ Hospital Daska District Sialkot
- 32 THQ Hospital Esa Khel District Mianwali
- 33 THQ Hospital Gojra District Toba Tek Singh
- 34 THQ Hospital Hazro District Attock
- 35 THQ Hospital Kamokee District Gujranwala
- 36 THQ Hospital Kot Addu District Muzaffargarh
- 37 THQ Hospital Mian Channu District Khanewal
- 38 THQ Hospital Noorpur Thal District Khushab
- 39 THQ Hospital Shujabad District Multan
- 40 THQ Hospital Taunsa District Dera Ghazi Khan

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:LO21010531
A/C To be Credited:Assan Assignment

PKR Million

Sr #	Object Code	2021-2022		2022-2023		2023-2024		2024-2025		2025-2026	
		Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign
1	A05270-To Others	0.000	0.000	0.000	0.000	31.078	0.000	20.000	0.000	20.000	0.000
Total		0.000	0.000	0.000	0.000	31.078	0.000	20.000	0.000	20.000	0.000

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

Grant Number:Government Buildings - (PC12042)
LO NO:LO21010516
A/C To be Credited:Account-I

PKR Million

Sr #	Object Code	2021-2022		2022-2023		2023-2024		2024-2025		2025-2026	
		Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign	Local	Foreign
1	A12403-Other Buildings	0.000	0.000	0.000	0.000	58.118	0.000	50.000	0.000	0.000	0.000
Total		0.000	0.000	0.000	0.000	58.118	0.000	50.000	0.000	0.000	0.000

1. **Building:** Renovation of existing building will be required. In this regard an estimates has been prepared from the Punjab Buildings department (C&W Department) and attached with the PC-I.
2. **Human resource:** Human resource is required for implementation of project – Provision of salaries of staff of New Management Structure (NMS) working in the said hospital till the vacation of stay by the honorable Lahore High Court, Lahore and completion of conversion of these posts to non-development mode.

Abstract of Cost

Balance work of Revamping of DHQ Hospital Kasur

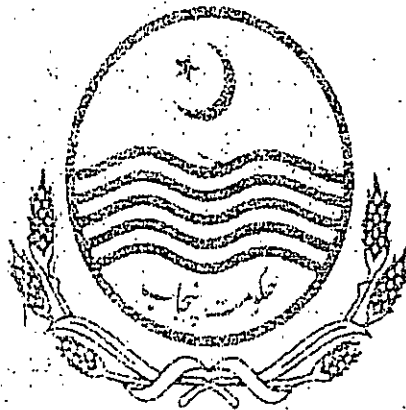
Scope of work	Original Cost			Amended Cost			1st Revised		
	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total
Capital component									
Internal Development	25.432	0.000	25.432	26.841	0.000	26.841	55.947	0.000	55.947
External Development	13.597	0.000	13.597	19.070	0.000	19.070	41.354	0.000	41.354
Water filtration plant	1.765	0.000	1.765	2.050	0.000	2.050	2.808	0.000	2.808
Total Capital Component	40.794	0.000	40.794	47.961	0.000	47.961	100.109	0.000	100.109
Revenue component									
Human resource (HR) plan	0.000	25.440	25.440	0.000	25.440	25.440	0.000	48.078	48.078
Electrical Component	0.000	0.000	0.000	0.000	0.000	0.000	0.000	23.000	23.000
Total Revenue component	0.000	25.440	25.440	0.000	25.440	25.440	0.000	71.078	71.078
Total	40.794	25.440	66.234	47.961	25.440	73.401	100.109	71.078	171.187
PST (5%)	2.040	0.000	2.040	2.398	0.000	2.398	5.005	0.000	5.005
Contingency (3%)	1.224	0.000	1.224	1.439	0.000	1.439	3.003	0.000	3.003
Grand Total	44.058	25.440	69.498	51.798	25.440	77.238	108.118	71.078	179.196

Human Resource Model of DHQ Hospital

	Original				1st Revised				
NAME OF POST	No. of Employees	Per Month Salary	Per Month Salary for all Person	Salary for Two Years	No. of Employees	Project Pay Scale	Per Month Salary	Per Month Salary for all Person	Salary for Two Years
ADMIN OFFICER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
RESOURCE/LEGAL OFFICER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
IT/STATISTICAL OFFICER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
FINANCE & BUDGET OFFICER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
AUDIT OFFICER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
PROCUREMENT OFFICER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
DATA ENTRY OPERATOR (DEO)	4	35,000	140,000	3,360,000	4	3	44,000	176,000	5,456,000
QUALITY ASSURANCE OFFICER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
BIO MEDICAL ENGINEER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
LOGISTICS OFFICER	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
ASSISTANT ADMIN OFFICER	4	50,000	200,000	4,800,000	4	5	70,000	280,000	8,680,000
Sub Total of HR Model	17		1,060,000	25,440,000	17		1,059,000	1,401,000	43,431,000
				25.440					43.431
Utilization of HR Component				4.647					
									48.078

Electricity							
		Original			1st Revised		
Sr. No	Item Description	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost
1	Generator 200-KVA	0	-	-	2	9,000,000	18,000,000
1	Express Line/ Extention of Load	0	-	-	1	5,000,000	5,000,000
		-	-	-	-	-	23,000,000.000
				-			23.00

EXECUTIVE ENGINEER



BUILDINGS DEPARTMENT KASUR

NAME OF WORK:

REVISED ROUGH COST ESTIMATE FOR
REVAMPING OF DISTRICT HEAD QUARTER
HOSPITAL, KASUR (ADP NO.660 FOR THE
YEAR 2022-23).

AMOUNT ~~RS. 834 (M)~~
~~6 = 767 (M)~~
~~103.121 (M)~~
~~104.905 (M)~~
RS. 71.549-M
1.00.109 (M)

1

ESTIMATE FRAMED BY: EXECUTIVE ENGINEER BUILDINGS
DIVISION KASUR.

Name of work: REVISED ROUGH COST ESTIMATE FOR
"REVAMPING OF DISTRICT HEAD QUARTER
HOSPITAL, KASUR (ADP NO.660 FOR THE
YEAR 2022-23)".

HISTORY

The Govt. of Punjab is very keen interested to provide the better health facilities for the citizen of the area.

The original scheme for above cited subject was Amended Administratively Approved for Rs.51.798-M (Capital Cost) by the Secretary Govt. of the Punjab, P&SD Department, Lahore vide No.PO(D-II)Revamping/P-I/2021(Vol-I), dated:21-01-2022 and the detailed estimate was technically sanctioned for Rs.48.994-M by the Superintending Engineer Buildings Circle No.2 Lahore letter No.170/D-SE-2, dated:22-01-2022 (Copy attached).

The work was allotted to M/S Bolt Construction (Pvt) Ltd Govt. Contractor for Rs.4,19,42,782/- vide No.E.E (B) Kasur letter No.5203/C dated:03-03-2022 (Copy attached). During the execution of work, the quantities of some items have been increased / decreased as per site requirement & Price Variation has also involved due to large variation of rates and as per notification of P&D Department vide letter No.594/AC/(Tech)/P&D/2022-23, dated:09-09-2022.

Therefore this revised rough cost estimate is re-framed amounting to ~~Rs.71.549-M~~ and submitted herewith for onward transmission to the competent authority for arranging Revised Administrative Approval please. 100.109(M)

SCOPE OF WORK

The following provision has been made in this estimate.

1. Revamping of Gaynae Block
2. Revamping of Cardiology Block
3. Construction of Ramp for Dialysis Unit
4. Construction of Ramp for Gaynae Block
5. Main Boundary Wall
6. Fiber Glass Shed
7. Security Room
8. Electric Installation
9. Public Health
10. External Road (Concrete)
11. External Sewerage System
12. External Water Supply
13. Water Filtration Plant
14. Add Price Variation 10%

SPECIFICATION.

The work will be carried out according to the latest Specifications of C&W Department.

CARRYING OUT OF WORK

Work will be carried out according to the latest Specifications C&W Department after issuance of Administrative Approval, Technical Sanction, release of funds, and after calling competitive tenders.

RATES


The estimate is prepared with MRS for 1st BI annual period (1st January to 30 June 2022). 56.835 M

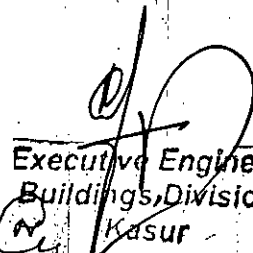
COST

The total cost of the work comes to Rs. ~~71.549-M~~ 71.467(M)

TIME LIMIT

It will take 18-Months to complete the work. 103.121(M)


Sub Divisional Officer
Buildings Sub Division
Kasur


Executive Engineer
Buildings Division
Kasur



dhqhospitalkasur75@gmail.com

Phone No. 049-9250096

OFFICE OF THE MEDICAL SUPERINTENDENT DISTRICT HEADQUARTER HOSPITAL
KASURNO. 17974 /MS

dated Kasur, the

26-07-22

To

The Chief Executive Officer
DHA, KasurSubject: REQUEST FOR EXECUTION OF WORK / RELEASE OF FUNDS FOR PENDING
WORK OF EXPRESS LINE AT DHQ HOSPITAL KASUR

With reference to the subject cited above, it is stated that DHQ hospital Kasur is a very critical and sensitive place. As per the emergency situation of the patients and standing instructions issued from health department time to time, non-availability of continuous electric supply is not tolerable and causes humiliation of hospital administration in front of hospital staff, media, human right activists and general public. Heavy load shedding is causing great inconvenience for hospital administration. Generators run in overload condition and if any generator gets down for repair situation becomes even worst.

Detail of items pending works for functionality of express line to DHQ hospital Kasur are as under:

Item No.	Description	Qty
1.	Supply, installation, Testing and Commissioning of 11 KV Wapda Grid End Panel	01
2.	Supply, installation, Testing and Commissioning of 11kV Change Over Panel (02 Nos. Vcb)	01
3.	Supply, installation, Testing and Commissioning of 11 KV Wapda Industrial Panel	01
4.	Supply, installation, Testing and Commissioning of 11 KV Wapda Transformer Protection Panel	01
5.	Supply, installation, Testing and Commissioning of 630 KVA Pole Mounted Transformer	02
6.	Supply, installation, Testing and Commissioning of 11KV TOD Meter (Digital)	01

It is therefore requested to complete the pending works / release funds for pending work of express line at DHQ Hospital Kasur best interest of public.

NO. 17975-78MEDICAL SUPERINTENDENT
DHQ HOSPITAL KASUR

dated

26-7-22

Copy is forwarded for information and further necessary action to:

1. The Secretary, P&SHD, Lahore
2. The Project Director, PMU, P&SHD, Lahore
3. The Director General Health Services Lahore
4. The Deputy Commissioner, Kasur

MEDICAL SUPERINTENDENT
DHQ HOSPITAL KASUR

REVISED ROUGH COST ESTIMATE FOR REVAMPING OF DISTRICT HEAD QUARTER HOSPITAL, KASUR (ADP NO.660 FOR THE YEAR 2022-23).

GENERAL ABSTRACT OF COST

Sr. No	Description	As per Approval				As per Work Allotted				As per Work Yet to be Allotted				Total Qty	Total Amount	Excess	Saving	Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Revamping of Gaynae Block	1	P.Job	7,351,800	7,351,800	1	P.Job	7,351,800	7,351,800	1	P.Job	-1,690,408	-1,690,408	1	19,94219 19,94219 5,661,392	23,70,000	1,690,408	As per site requirement
2	Revamping of Cardiology Block.	1	P.Job	3,527,900	3,527,900	1	P.Job	3,527,900	3,527,900	1	P.Job	-299,409	-299,409	1	3228516 3,228,491		299,409	--do--
3	Construction of Ramp for Dialysis Unit.	1	P.Job	3,155,700	3,155,700	1	P.Job	3,155,700	3,155,700	1	P.Job	4,808,089	4,808,089	1	7348853 7,969,789	4,808,089		As per design & Client requirement
4	Construction of Ramp for Gaynae Block	1	P.Job	6,905,100	6,905,100	1	P.Job	6,905,100	6,905,100	1	P.Job	12,165,833	12,165,833	1	17592065 19,070,933	12,165,833		--do--
5	Main Boundary Wall	1	P.Job	1,642,800	1,642,800	1	P.Job	1,642,800	1,642,800	1	P.Job	31,853	31,853	1	1,674,653 ✓	31,853		As per site requirement
6	Fiber Glass Shed	1	P.Job	1,593,800	1,593,800	1	P.Job	1,593,800	1,593,800	1	P.Job	555,900	555,900	1	2,149,700 ✓		-555,900	--do--
7	Security Room	1	P.Job	3,077,200	3,077,200	1	P.Job	3,077,200	3,077,200	1	P.Job	-1,351,314	-1,351,314	1	1,725,886 ✓		1,351,314	--do--
8	Electric Installation	1	P.Job	4,167,800	4,167,800	1	P.Job	4,167,800	4,167,800	1	P.Job	-597,371	-597,371	1	3590589 3,570,429 ✓		1677267 597,371	--do--
9	Public Health	1	P.Job	1,513,100	1,513,100	1	P.Job	1,513,100	1,513,100	1	P.Job	2,559,564	2,559,564	1	4,072,664 ✓	2,559,564		--do--
10	External Road (Concrete)	1	P.Job	3,766,800	3,766,800	1	P.Job	3,766,800	3,766,800	1	P.Job	2,203,076	2,203,076	1	5,969,876 ✓	2,203,076		--do--
11	External Sewerage System	1	P.Job	1,419,100	1,419,100	1	P.Job	1,419,100	1,419,100	1	P.Job	882,148	882,148	1	2,301,248	882,148		--do--
12	External Water Supply	1	P.Job	2,170,100	2,170,100	1	P.Job	2,170,100	2,170,100	1	P.Job	-207,442	-207,442	1	1,962,658		207,442	--do--
13	OHR 20000-Gallon Capacity	1	P.Job	5,400,000	5,400,000	1	P.Job	5,400,000	5,400,000	1	P.Job	-5,400,000	-5,400,000	1	0		5,400,000	

Sr. No	Description	As per Approval				As per Work Allotted				As per Work Yet to be Allotted				Total Qty	Total Amount	Excess	Saving	Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
14	Water Filtration Plant	1	P.Job	2,050,000	2,050,000	1	P.Job	2,050,000	2,050,000	1	P.Job	758,000	758,000	1	2,808,000	758,000	P-31	As per approved N.S rate
15	Reception Counter / Nursing Counter 02-Nos. @ 110000/- Each	1	P.Job	220,000	220,000	1	P.Job	220,000	220,000	1	P.Job	0	0	1	220,000	0	P-31	
16	HT Panels																	
17	Electric Room				47,961,200				47,961,200									
	Add 3% Contingency Charges				1,438,836				1,438,836									
	Add 5% PST				2,398,060				2,398,060									
	Add Price Variation 10% on RS. 47961200/-	1	P. 64		5,000,000				0									
	Add Warden charges																	
	G.Total				51,798,096				51,798,096									
	SAY Rs.				51,798,100				51,798,100									
	Or				51.798 (M)				51.798 (M)									

Sub Divisional Officer
Buildings Sub Division
Kasur

Executive Engineer
Buildings Division
Kasur

TECHNICALLY VETTED

For Rs. 100.109 (M) (Million)

Rupees Seventy one point four

Six Seven million only

Chief Engineer
Punjab Buildings Deptt.
Central Zone Lahore.

Deputy Director
Punjab Buildings Deptt.
Central Zone Lahore.

Chief Draftsman
Punjab Buildings Deptt.
Central Zone Lahore.

Superintending Engineer
Buildings Circle No.2
Lahore

REVISED ROUGH COST ESTIMATE FOR REVAMPING OF DISTRICT HEAD QUARTER HOSPITAL, KASUR (ADP NO.660 FOR THE YEAR 2022-23).

GENERAL ABSTRACT OF COST

Sr. No.	Description	As per Approval				As per Work Allotted				As per Work Yet to be Allotted				Total Qty	Total Amount	Excess	Saving	Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Revamping of Gynaec Block	1	P.Job	7,351,800	7,351,800	1	P.Job	7,351,800	7,351,800	1	P.Job	-1,461,300	-1,461,300	1	19,914,219		1,690,408	As per site requirement
2	Revamping of Cardiology Block	1	P.Job	3,527,900	3,527,900	1	P.Job	3,527,900	3,527,900	1	P.Job	-370,300	-370,300	1	3,228,516		299,409	--do--
3	Construction of Ramp for Dialysis Unit	1	P.Job	3,155,700	3,155,700	1	P.Job	3,155,700	3,155,700	1	P.Job	4,798,400	4,798,400	1	7,348,853	4,193,153		As per design & Client requirement
4	Construction of Ramp for Gynaec Block	1	P.Job	6,905,100	6,905,100	1	P.Job	6,905,100	6,905,100	1	P.Job	12,137,600	12,137,600	1	17,592,065	10,686,965		--do--
5	Main Boundary Wall	1	P.Job	1,642,800	1,642,800	1	P.Job	1,642,800	1,642,800	1	P.Job	647,600	647,600	1	1,674,653	31,853		As per site requirement
6	Fiber Glass Shed	1	P.Job	1,593,800	1,593,800	1	P.Job	1,593,800	1,593,800	1	P.Job	-212,600	-212,600	1	2,149,700		-555,900	--do--
7	Security Room	1	P.Job	3,077,200	3,077,200	1	P.Job	3,077,200	3,077,200	1	P.Job	-1,453,800	-1,453,800	1	1,725,886		1,351,314	--do--
8	Electric Installation	1	P.Job	4,167,800	4,167,800	1	P.Job	4,167,800	4,167,800	1	P.Job	-874,000	-874,000	1	3,570,429		597,371	--do--
9	Public Health	1	P.Job	1,513,100	1,513,100	1	P.Job	1,513,100	1,513,100	1	P.Job	2,618,700	2,618,700	1	4,072,664	2,559,564		--do--
10	External Road (Concrete)	1	P.Job	3,766,800	3,766,800	1	P.Job	3,766,800	3,766,800	1	P.Job	2,203,200	2,203,200	1	5,969,876	2,203,076		--do--
11	External Sewerage System	1	P.Job	1,419,100	1,419,100	1	P.Job	1,419,100	1,419,100	1	P.Job	883,000	883,000	1	2,301,248	882,148		--do--
12	External Water Supply	1	P.Job	2,170,100	2,170,100	1	P.Job	2,170,100	2,170,100	1	P.Job	-207,500	-207,500	1	1,962,600		207,500	--do--
13	OHR 20000-Gallon Capacity	1	P.Job	5,400,000	5,400,000	1	P.Job	5,400,000	5,400,000	1	P.Job	-5,400,000	-5,400,000	1	0		5,400,000	
14	Water Filtration Plant	1	P.Job	2,050,000	2,050,000	1	P.Job	2,050,000	2,050,000	1	P.Job	758,000	758,000	1	2,808,000	758,000		As per approved N.S rate
15	Reception Counter / Nursing Counter 02-Nos. @ 110000/- Each	1	P.Job	220,000	220,000	1	P.Job	220,000	220,000	1	P.Job	0	0	1	220,000	0	0	
16	HT panels												12,025,000		12,025,000	12,025,000		
17	Electric Room												1,500,000		1,500,000	1,500,000		
	TOTAL				47,961,200				47,961,200				88,063,767		88,063,709	34,839,759	8,990,102	
	Add 3% Contingency Charges				1,438,836				1,438,836				2,641,913		2,641,913	2,641,913		

Sr No	Description	As per Approval				As per Work Allotted				As per Work Yet to be Allotted				Total Qty	Total Amount	Excess	Saving	Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Add 5% PST				2,398,060				2,398,060				4,403,188		4,403,188	4,403,188		
	Add WAPDA Charges	1	P.Job		5,000,000				0				5,000,000		5,000,000	5,000,000		
	G.Total				51,798,096				51,798,096				100,108,868		100,108,810	48,311,000	8,990,102	
	SAY Rs.				51,798,100				51,798,100				100,108,900		100,108,800	48,311	8,990,100	
	Or				51,798 (M)				51,798 (M)				100,109 (M)		100,109 (M)	48,311 (M)	8,990 (M)	

Sub Divisional Officer
Buildings Sub Division
Kasur

Executive Engineer
Buildings Division
Kasur

REVISED ROUGH COST ESTIMATE FOR REVAMPING OF DISTRICT HEAD QUARTER HOSPITAL, KASUR (ADP NO.660 FOR THE YEAR 2022-23).

COMPARATIVE STATEMENT

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
2	3	4	5	6	7	8	5	10	11	12	5	14	15	16	17	18	19
REVAMPING OF GAYNAE BLOCK																	
Ground Floor																	
Dismantling encastic or glazed tile etc complete	1997	%Sft	1932.50	38583	1997	%Sft	1932.50	38583	1376	%Sft	1932.50	26591	3373 ✓	65174	26591	0	
Dismantling P.C.C 1:2:4 complete.	114	%Cft	9060.50	10346	114	%Cft	9060.50	10346	109	%Cft	9060.50	9876	223 ✓	20222	9876	0	
P/L P.C.C 1:2:4 complete i/c lead 210-Km	114	%Cft	35597.21	40648	114	%Cft	35597.21	40648	109	%Cft	35597.21	38801	223 ✓	79449	38801	0	
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 (400mmx400mm fully body glazed tile) (For Floor).	528	P-Sft	260.75	137778	528	P-Sft	260.75	137778	358	P-Sft	260.75	93349	886 ✓	231127	93349	0	
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 sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge (400mmx400mm fully body glazed tile) (For Dado).	1083	P-Sft	260.75	282392	1083	P-Sft	260.75	282392	134	P-Sft	260.75	34941	1217 ✓	317333	34941	0	
P/F M.S angle iron chowkat 1-1/2"x1-1/2"x1/4" welded with m.s flat 2"x1/4" etc complete	158	P-Sft	337.67	53183	158	P-Sft	337.67	53183	-123	P-Sft	337.67	-41533	35 ✓	11650	0	41533	
P/F 2'-6" x 7' delux U PVC super Q-Box door with U PVC door frame / threshold (Duroframe KB1) including latch lock as approved by the engineer incharge complete in all respect as per drawing and amnufacturer sample approved.	158	P-Sft	1250.00	197500	158	P-Sft	1250.00	197500	-123	P-Sft	850.00	-104550	35 ✓	92950	0	104550	
Providing and fixing all types of partly fixed and partly openable glazed anodised bronze colour aluminium doors, 2mm thick section, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 mm x 100 mm (1 1/2" x 4") and leaf frame of 60x40mm (2 1/2"x1 1/2") wide sections including the cost of 1/4" (5 mm) thick imported tinted glass with aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc., and hardware any required as approved by the engineer in-charge.	425	P-Sft	756.50	321134	425	P-Sft	756.50	321134	-236	P-Sft	756.50	-178534	189 ✓	142600	0	178534	
P/F iron sliding bolt 12" long	9	Each	399.75	3598	9	Each	399.75	3598	-9	Each	399.75	-3598	0 ✓	0	0	3598	
Emulsion paint one coat on old surface (Roof).	4379	%Sft	1010.75	44259	4379	%Sft	1010.75	44259	1837	%Sft	1010.75	18567	6216 ✓	62826	18567	0	
Emulsion paint on old surface.															0		
60% one coat	8866	%Sft	1010.75	89614	8866	%Sft	1010.75	89614	-1826	%Sft	1010.75	-18456	7040 ✓	71158	0	18456	
40% two coat after scraping	5911	%Sft	1388.95	82097	5911	%Sft	1388.95	82097	-1217	%Sft	1388.95	-16904	4694 ✓	65193	0	16904	
Removing door with chowkat	24	Each	362.35	8696	24	Each	362.35	8696	-10	Each	362.35	-3624	14 ✓	5073	0	3624	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
P/F imported anti static floor sheet poly floor colour chemical resistatn ESD ,silver /grey 2mm thick UK i/c griding /preparation of floor surface by laying epoxy proof i/c labour caping strip carriage as approved and directed bty the engineer incharge (floor work)	385	P-Sft	1100.00	423638	385	P-Sft	1100.00	423638	-385	P-Sft	1100.00	-423500	0	138	0	423500	
Dampa celing for OTS (imported) provision of harmetic asepsi alumelt in painted stainless steel for O.T ceiling imported .The false ceiling system provided the integration of all components of ceiling in to operation theater with ridge frame of galvanized steel profile for its perfect installation.etc as approved by enginer incharge.	385	P-Sft	625.00	240703	385	P-Sft	625.00	240703	-385	P-Sft	625.00	-240625	0	78	0	240625	
P/L Epoxy paint 3-coat as approved by by enginer incharge.	711	P-Sft	300.00	213225	711	P-Sft	300.00	213225	-711	P-Sft	300.00	-213300	0	-75	0	213300	
Dismantling cement concrete with brick aggregate.	0	0	0	0	0	0	0	0	370	%Cft	2471	9143	370	9143	9143	0	
P/L dry rammed brick ballast 1 1/2" to 2" gauge.	0	0	0	0	0	0	0	0	370	%Cft	5795	21441	370	21441	21441	0	
ProvidingandlayingsuperbqualityCeramic tile floorsof Masterbrandof specifiedsize,Glossy/Matt/Textureof approvedColorandShadeasper approveddesignwithadhesivebond,over3/4"thick(1:2)cementsandplasteri/c thecostofsealerforfinishingthejoints/cuttinggrindingcompleteinall respectsandasapprovedanddirected by the Engineer Incharge.10"x13" size	0	0	0	0	0	0	0	0	626	P Sft	180	112555	626	-112555	112555	0	
ProvidingandlayingsuperbqualityCeramic tilesdadoof Masterbrandof specifiedsize,Glossy/Matt/Textureskirting/dadoof approvedColorandShadewithadhesivebondover1/2"thick(1:2)cementplasteri/c thecostofsealerforfinishingthejoints/cuttinggrindingcompleteinall respectsasapprovedanddirectedbytheEngineerIncharge.10"x13" size dado / skirting	0	0	0	0	0	0	0	0	2525	P Sft	187	471544	2525	471544	471544	0	
Making and Fixing heavy duty aluminum glazed door partly fixed and partly openable consisting of 12MM thick imported glass with door hinged automatic machine i/c handle and other hardware complete in all respect as approved by the engineer incharge.	0	0	0	0	0	0	0	0	105	P Sft	1850 3241	194250 240305	105	194250 240305	194250 240305	0	
P/F 1 1/2" thick solid flush door shutter sterling or equivalent with commercial ply on both sides double pressed and deodar wood lipping 1 1/2"x3/8" around shutter i/c chromium plated fitting, iron hinges with aluminum kick plate 22SWG on both sides & finger plate complete in all respect.	0	0	0	0	0	0	0	0	31	P Sft	454	14066	31	14066	14066	0	
Painting to doors & windows 2-coat on old surface (Colour change).	0	0	0	0	0	0	0	0	1724	%Sft	1347	23215	1724	23215	23215	0	
Providingandlaying3/4"thickfullwidthPrepolishedMarbleslabforVanities/Shelves/WindowCills,havingUniformtexture(Spotless)withadhesivebondover3/4"thick(1:2)cementsandmortori/c thecost ofmatchingsealercompleteinall respectsasapproved and directed by the Engineer Incharge. China Verona	0	0	0	0	0	0	0	0	450	P Sft	369	166230	450	166230	166230	0	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
Providing and laying Prepolished Granite of specified thickness and shape of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortar bed, complete in all respects as approved and directed by the Engineer Incharge. 3/4" thick	0	0	0	0	0	0	0	0	216	P Sft	841	181753	216	181753	181753	0	
Pacca brick work 1:4 in cement sand mortar G/F	0	0	0	0	0	0	0	0	79	%Cft	27550	21764	79	21764	21764	0	
1/2" thick cement plaster 1:4	0	0	0	0	0	0	0	0	424	%Sft	2596	11006	424	11006	11006	0	
REVAMPING OF GAYNAE BLOCK																	
First Floor																	
Dismantling encastic or glazed tile etc complete	1391	%Sft	1932.50	26878	1391	%Sft	1932.50	26878	1985	%Sft	1932.50	38360	3376	65238	38360	0	
Dismantling P.C.C 1:2:4 complete.	100	%Cft	9060.50	9104	100	%Cft	9060.50	9104	108	%Cft	9060.50	9785	208	18889	9785	0	
P/L P.C.C 1:2:4 complete i/c lead 210-Km	100	%Cft	35597.21	35769	100	%Cft	35597.21	35769	108	%Cft	35597.21	38445	208	74214	38445	0	
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 respects as approved and directed by the Engineer Incharge (400mmx400mm fully body glazed tile) (For Floor).	221	P-Sft	260.75	57687	221	P-Sft	260.75	57687	779	P-Sft	260.75	203124	1000	260811	203124	0	
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 sand sealer for finishing the joints, cutting grinding complete in all respects as approved and directed by the Engineer Incharge (400mmx400mm fully body glazed tile) (For Dado).	587	P-Sft	260.75	153060	587	P-Sft	260.75	153060	989	P-Sft	260.75	257882	1576	410942	257882	0	(10)
P/F M.S angle iron chowkat 1-1/2"x1-1/2"x1/4" welded with m.s flat 2"x1/4" etc complete	88	P-Sft	337.67	29709	88	P-Sft	337.67	29709	-88	P-Sft	337.67	-29715	0	-6	0	29715	
P/F 2'-6" x 7' deluxe U PVC super Q-Box door with U PVC door frame / threshold (Duroframe KB1) including latch lock as approved by the engineer incharge complete in all respect as per drawing and amnufacturer sample approved.	88	P-Sft	1250.00	109375	88	P-Sft	1250.00	109375	-18	P-Sft	850.00	-15300	70	94075	0	15300	
Providing and fixing all types of partly fixed and partly openable glazed anodised bronze colour aluminium doors, 2mm thick section, using deluxe section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 mm x 100 mm (1 1/2" x 4") and leaf frame of 60x40mm (2 1/2"x1 1/2") wide sections including the cost of 1/4" (5 mm) thick imported tinted glass with aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc., and hardware any required as approved by the engineer in-charge.	532	P-Sft	756.50	402458	532	P-Sft	756.50	402458	-202	P-Sft	756.50	-152813	330	249645	0	152813	
P/F iron sliding bolt 12" long	5	Each	399.75	1999	5	Each	399.75	1999	-5	Each	399.75	-1999	0	0	0	1999	
Emulsion paint one coat on old surface (Roof).	4885	%Sft	1010.75	49380	4885	%Sft	1010.75	49380	1711	%Sft	1010.75	17294	6596	66674	17294	0	
Emulsion paint on old surface.																	
60% one coat	8939	%Sft	1010.75	90349	8939	%Sft	1010.75	90349	-211	%Sft	1010.75	-2133	8728	88216	0	2133	
40% two coat after scraping	5959	%Sft	1388.95	82770	5959	%Sft	1388.95	82770	-141	%Sft	1388.95	-1958	5818	80811	0	1958	
Removing door with chowkat	25	Each	362.35	9059	25	Each	362.35	9059	-9	Each	362.35	-3261	16	5798	0	3261	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
P/F imported anti static floor sheet poly floor colour chemical resistatn ESD ,silver /grey 2mm thick UK i/c griding /preparation of floor surface by laying epoxy proof i/c labour caping strip carriage as approved and directed bty the engineer incharge (floor work)	583	P-Sft	1100.00	640888	583	P-Sft	1100.00	640888	-583	P-Sft	1100.00	-641300	0	-412	0	641300	
Dampa celing for OTS (imported) provision of harmetic asepsi alumelt in painted stainless steel for O.T ceiling imported .The false ceiling system provided the integration of all components of ceiling in to operation theater with ridge frame of galvanized steel profile for its perfect installation.etc as approved by enginer incharge.	583	P-Sft	625.00	364141	583	P-Sft	625.00	364141	-583	P-Sft	625.00	-364375	0	-234	0	364375	
P/L Epoxy paint 3-coat as approved by by enginer incharge.	901	P-Sft	300.00	270225	901	P-Sft	300.00	270225	-901	P-Sft	300.00	-270300	0	-75	0	270300	
Dismantling cement concrete with brick aggregate.	0	0	0	0	0	0	0	0	415	%Cft	2471.05	10255	415	10255	10255	0	
P/L dry rammed brick ballast 1 1/2" to 2" gauge.	0	0	0	0	0	0	0	0	415	%Cft	5794.80	24048	415	24048	24048	0	
ProvidingandlayingsuperbqualityCeramtilefloorsofMasterbrandofspecifiedsize,Glossy/Matt/TextureofapprovedColorandShadeasper approveddesignwithadhesivebond,over3/4"thick(1:2)cementsandplasteri/cthecostofsealerforfinishingthejoints/cuttinggrindingcompl eteinallrespectsandasapprovedanddirected by the Engineer Incharge.10"x13" size	0	0	0	0	0	0	0	0	254	P Sft	179.80	45669	254	45669	45669	0	
ProvidingandlayingsuperbqualityCeramtilesdadoofMasterbrandofspecifiedsize,Glossy/Matt/Textureskirting/dadoofapprovedColorandShadewithadhesivebondover1/2"thick(1:2)cementplasteri/cthecostofsealerforfinishingthejoints/cuttinggrindingcompleteinallresp ectsasapprovedanddirectedbytheEngineerIncharge.10"x13" size dado / skirting	0	0	0	0	0	0	0	0	961	P Sft	186.75	179467	961	179467	179467	0	(11)
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. 1 1/2" deep without back	0	0	0	0	0	0	0	0	38	P Sft	907.35	34479	38	34479	34479	0	
Making and Fixing heavy duty aluminum glazed door partly fixed and partly openable consisting of 12MM thick imported glass with door hinged automatic machine i/c handle and other hardware complete in all respect as approved by the engineer incharge.	0	0	0	0	0	0	0	0	35	P Sft	3241.00 1850	113435 64750	35	113435 64750	443435 64750	0	
Painting to doors & windows 2-coat on old surface (Colour change).	0	0	0	0	0	0	0	0	1191	%Sft	1346.60	16038	1191	16038	16038	0	
Providingandlaying3/4"thickfullwidthPrepolishedMarbleslabforVanities/Shelves/Treads/WindowCills,havingUniformtexture(Spotles s)withadhesivebondover3/4"thick(1:2)cementsandmortori/cthecost ofmatchingsealercompleteinallrespectsasapproved and directed by the Engineer Incharge. China Verona	0	0	0	0	0	0	0	0	30	P Sft	369.40	11082	30	11082	11082	0	

ceiling and Antimicrobial treatment
in Gyare UT at First floor

1 Job

~~10,065,813~~ ~~11,704,565~~
10,065,813 10,065,813
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Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
Providing and laying Prepolished Granite of specified thickness and shape of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortar bed, complete in all respect as approved and directed by the Engineer Incharge. 3/4" thick	0	0	0	0	0	0	0	0	57	P Sft	841.45	47963	57	47963	47963	0	
Pacca brick work 1:4 in cement sand mortar F/F	0	0	0	0	0	0	0	0	11	%Cft	28650.65	3152	11	3152	3152	0	
1/2" thick cement plaster 1:4	0	0	0	0	0	0	0	0	66	%Sft	2595.85	1713	66	1713	1713	0	
REVAMPING OF GAYNAE BLOCK																	
2nd Floor																	
Dismantling encastic or glazed tile etc complete	1820	%Sft	1932.50	35164	1820	%Sft	1932.50	35164	180	%Sft	1932.50	3479	2000	38643	3479	0	
Dismantling P.C.C 1:2:4 complete.	67	%Cft	9060.50	6044	67	%Cft	9060.50	6044	22	%Cft	9060.50	1993	89	8037	1993	0	
P/L P.C.C 1:2:4 complete i/c lead 210-Km	67	%Cft	35597.21	23745	67	%Cft	35597.21	23745	22	%Cft	35597.21	7831	89	31576	7831	0	
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/c/c cost of sealer for finishing the joints/cutting grinding complete in all respect as approved and directed by the Engineer Incharge (400mmx400mm fully body glazed tile) (For Floor).	534	P-Sft	260.75	139143	534	P-Sft	260.75	139143	-534	P-Sft	260.75	-139241	0	-98	0	139241	
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/c/c cost of sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge (400mmx400mm fully body glazed tile) (For Dado).	1286	P-Sft	260.75	335325	1286	P-Sft	260.75	335325	-1286	P-Sft	260.75	-335325	0	1	0	335325	12
P/F M.S angle iron chowkat 1-1/2"x1-1/2"x1/4" welded with m.s flat 2"x1/4" etc complete	88	P-Sft	337.67	29709	88	P-Sft	337.67	29709	-88	P-Sft	337.67	-29715	0	-6	0	29715	
P/F 2'-6" x 7' deluxe U PVC super Q-Box door with U PVC door frame / threshold (Duroframe KB1) including latch lock as approved by the engineer incharge complete in all respect as per drawing and amnufacturer sample approved.	88	P-Sft	1250.00	109375	88	P-Sft	1250.00	109375	-18	P-Sft	850.00	-15300	70	94075	0	15300	
Providing and fixing all types of partly fixed and partly openable glazed anodised bronze colour aluminium doors, 2mm thick section, using deluxe section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 mm x 100 mm (1 1/2" x 4") and leaf frame of 60x40mm (2 1/2"x1 1/2") wide sections including the cost of 1/4" (5 mm) thick imported tinted glass with aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc., and hardware any required as approved by the engineer in-charge.	368	P-Sft	756.50	278014	368	P-Sft	756.50	278014	-242	P-Sft	756.50	-183073	126	94941	0	183073	
P/F iron sliding bolt 12" long	5	Each	399.75	1999	5	Each	399.75	1999	-5	Each	399.75	-1999	0	0	0	1999	
Emulsion paint one coat on old surface (Roof).	3981	%Sft	1010.75	40233	3981	%Sft	1010.75	40233	3175	%Sft	1010.75	32091	7156	72324	32091	0	
Emulsion paint on old surface.																	
60% one coat	7962	%Sft	1010.75	80473	7962	%Sft	1010.75	80473	766	%Sft	1010.75	7742	8728	88215	7742	0	
40% two coat after scraping	5308	%Sft	1388.95	73723	5308	%Sft	1388.95	73723	510	%Sft	1388.95	7084	5818	80807	7084	0	
Cement pointing flush on flooring 1:2 etc complete	5597	%Sft	2058.70	115225	5597	%Sft	2058.70	115225	3228	%Sft	2058.70	66455	8825	181680	66455	0	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
Installation of Fire Extinguisher / Smoke detector	17787	P-Sft	95.00	1689765	17787	P-Sft	95.00	1689765	-17787	P-Sft	95.00	-1689765	0	0	0	1689765	
Dismantling cement concrete with brick aggregate.	0	0	0	0	0	0	0	0	179	%Cft	2471	4423	179	4423	4423	0	
P/L dry rammed brick ballast 1 1/2" to 2" gauge.	0	0	0	0	0	0	0	0	179	%Cft	5795	10373	179	10373	10373	0	
Providing and laying superb quality Ceramic tile floor 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 / c the cost of sealer for finishing the joints / cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. 10"x13" size	0	0	0	0	0	0	0	0	555	P Sft	180	99789	555	99789	99789	0	
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 / c the cost of sealer for finishing the joints / cutting grinding complete in all respects as approved and directed by the Engineer Incharge. 10"x13" size	0	0	0	0	0	0	0	0	2011	P Sft	187	375554	2011	375554	375554	0	
dado / skirting	0	0	0	0	0	0	0	0	14	Each	362	5073	14	5073	5073	0	
Removing of door with chowkat	0	0	0	0	0	0	0	0	14	Each	362	5073	14	5073	5073	0	
Making and Fixing heavy duty aluminum glazed door partly fixed and partly openable consisting of 12MM thick imported glass with door hinged automatic machine i/c handle and other hardware complete in all respect as approved by the engineer incharge.	0	0	0	0	0	0	0	0	140	P Sft	1850 3241	259000 453740	140	259000 453740	259000 453740	0	(5)
Painting to doors & windows 2-coat on old surface (Colour change).	0	0	0	0	0	0	0	0	1139	%Sft	1347	15338	1139	15338	15338	0	
Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortar bed, complete in all respects as approved and directed by the Engineer Incharge. 3/4" thick	0	0	0	0	0	0	0	0	57	P Sft	841	47963	57	47963	47963	0	
			Total	7478265			Total	7478265			Total	1335928		1335928	0	1335928	
			D/d cost of old material	126500				126500				-35000		91500	0	35000	
			Total (A)	7351800			Total (A)	7351800			Total (A)	1300928		1300928	0	1300928	
REVAMPING OF CARDIOLOGY BLOCK (Ground Floor)																	
Dismantling encastic or glazed tile etc complete	1318	%Sft	1932.50	25470	1318	%Sft	1932.50	25470	56	%Sft	1932.50	1082	1374	26553	1082	0	
Dismantling P.C.C 1:2:4 complete.	42	%Cft	9060.50	3805	42	%Cft	9060.50	3805	31	%Cft	9060.50	2809	73	6614	2809	0	
P/L P.C.C 1:2:4 complete i/c lead 210-Km	42	%Cft	35597.21	14951	42	%Cft	35597.21	14951	31	%Cft	35597.21	11035	73	25986	11035	0	
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 / c the cost of sealer for finishing the joints / cutting grinding complete in all respect as approved and directed by the Engineer Incharge (400mmx400mm fully body glazed tile) (For Floor).	336	P-Sft	260.75	87482	336	P-Sft	260.75	87482	-336	P-Sft	260.75	-87612	0	-130	0	87612	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
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/cost of sealer for finishing the joints, cutting grinding complete in all respects as approved and directed by the Engineer Incharge (400mm x 400mm fully body glazed tile) (For Dado).	973	P-Sft	260.75	253710	973	P-Sft	260.75	253710	-973	P-Sft	260.75	-253710	0	0	0	253710	
P/F M.S angle iron chowkat 1-1/2"x1-1/2"x1/4" welded with m.s flat 2"x1/4" etc complete	175	P-Sft	337.60	59080	175	P-Sft	337.60	59080	-175	P-Sft	337.60	-59080	0	0	0	59080	
P/F 2'-6" x 7' delux U PVC super Q-Box door with U PVC door frame / threshold (Duroframe KB1) including latch lock as approved by the engineer incharge complete in all respect as per drawing and amnufacturer sample approved.	175	P-Sft	1250.00	218750	175	P-Sft	1250.00	218750	-122	P-Sft	850.00	-103700	53 ✓	115050	0	103700	
Providing and fixing all types of partly fixed and partly openable glazed anodised bronze colour aluminium doors, 2mm thick section, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 mm x 100 mm (1 1/2" x 4") and leaf frame of 60x40mm (2 1/2"x1 1/2") wide sections including the cost of 1/4" (5 mm) thick imported tinted glass with aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc., and hardware any required as approved by the engineer in-charge.	524	P-Sft	756.50	396406	524	P-Sft	756.50	396406	-377	P-Sft	756.50	-285201	147 ✓	111206	0	285201	(15)
P/F iron sliding bolt 12" long	10	Each	399.75	3998	10	Each	399.75	3998	-10	Each	399.75	-3998	0	0	0	3998	
Emulsion paint one coat on old surface (Roof).	5925	%Sft	1010.75	59886	5925	%Sft	1010.75	59886	1885	%Sft	1010.75	19053	7810 ✓	78939	19053	0	
Emulsion paint on old surface.																	
60% one coat	8193	%Sft	1010.75	82811	8193	%Sft	1010.75	82811	-1828	%Sft	1010.75	-18477	6365 ✓	64334	0	18477	
40% two coat after scraping	5462	%Sft	1388.95	75863	5462	%Sft	1388.95	75863	-1219	%Sft	1388.95	-16931	4243 ✓	58932	0	16931	
Removing door with chowkat	25	Each	362.35	9059	25	Each	362.35	9059	-19	Each	362.35	-6885	6	2174	0	6885	
Dismentling cement concrete with brick aggregate.	0	0	0	0	0	0	0	0	109	%Cft	2471.05	2693	109 ✓	2693	2693	0	
P/L dry rammed brick ballast 1 1/2" to 2" gauge.	0	0	0	0	0	0	0	0	109	%Cft	5794.80	6316	109 ✓	6316	6316	0	
Providing and laying superb quality Ceramic tile floor 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 and plaster/cost of sealer for finishing the joints/cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. 10"x13" size	0	0	0	0	0	0	0	0	453	P Sft	179.80	81449	453 ✓	81449	81449	0	
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/cost of sealer for finishing the joints/cutting grinding complete in all respects as approved and directed by the Engineer Incharge. 10"x13" size dado / skirting	0	0	0	0	0	0	0	0	1827	P Sft	186.75	341192	1827 ✓	341192	341192	0	
Removing of window with chowkat	0	0	0	0	0	0	0	0	3	Each	283.15	849	3	849 ✓	849	0	
Painting to doors & windows 2-coat on old surface (Colour change).	0	0	0	0	0	0	0	0	2201	%Sft	1346.60	29639	2201	29639 ✓	29639	0	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
P/F 1 1/2" thick solid flush door shutter sterling or equivalent with commercial ply on both sides double pressed and deodar wood lipping 1 1/2"x3/8" around shutter i/c chromium plated fitting, iron hinges with aluminum kick plate 22SWG on both sides & fi	0	0	0	0	0	0	0	0	35	P Sft	453.75	15881	35 /	15881	15881	0	
Providing and fitting all types of glazed aluminium 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.	0	0	0	0	0	0	0	0	72	P Sft	606.50	43668	72 /	43668	43668	0	
Providing and fixing Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour/ powdercoated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardware as approved and directed by the engineer incharge. complete in all respect.	0	0	0	0	0	0	0	0	36	P Sft	688.35	24781	36 /	24781	24781	0	15
P/L Chequered tile 12"x12" laid over 3/4" thick cement sand mortar etc complete in all respect.	0	0	0	0	0	0	0	0	3032	P Sft	190.60	577899	3032 /	577899	577899	0	
REVAMPING OF CARDIOLOGY BLOCK (First Floor)																	
Dismantling encastic or glazed tile etc complete	2160	%Sft	1932.50	41738	2160	%Sft	1932.50	41738	-402	%Sft	1932.50	-7769	1758 /	33969	0	7769	
Dismantling P.C.C 1:2:4 complete.	86	%Cft	9060.50	7824	86	%Cft	9060.50	7824	-27	%Cft	9060.50	-2446	59 /	5378	0	2446	
P/L P.C.C 1:2:4 complete i/c lead 210-Km	86	%Cft	35597.21	30739	86	%Cft	35597.21	30739	-27	%Cft	35597.21	-9611	59 /	21128	0	9611	
Providing and laying super quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge (400mmx400mm fully body glazed tile) (For Floor).	691	P-Sft	260.75	180129	691	P-Sft	260.75	180129	-691	P-Sft	260.75	-180178	0	-49	0	180178	
Providing and laying super 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 sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge (400mmx400mm fully body glazed tile) (For Dado).	1454	P-Sft	260.75	379131	1454	P-Sft	260.75	379131	-1454	P-Sft	260.75	-379131	0	0	0	379131	
P/F M.S angle iron chowkat 1-1/2"x1-1/2"x1/4" welded with m.s flat 2"x1/4" etc complete	70	P-Sft	337.60	23632	70	P-Sft	337.60	23632	-70	P-Sft	337.60	-23632	0	0	0	23632	
P/F 2'-6" x 7' deluxe U PVC super Q-Box door with U PVC door frame / threshold (Duroframe KB1) including latch lock as approved by the engineer incharge complete in all respect as per drawing and amnufacturer sample approved.	70	P-Sft	1250.00	87500	70	P-Sft	1250.00	87500	35	P-Sft	1250.00	43750	105 /	131250	43750	0	

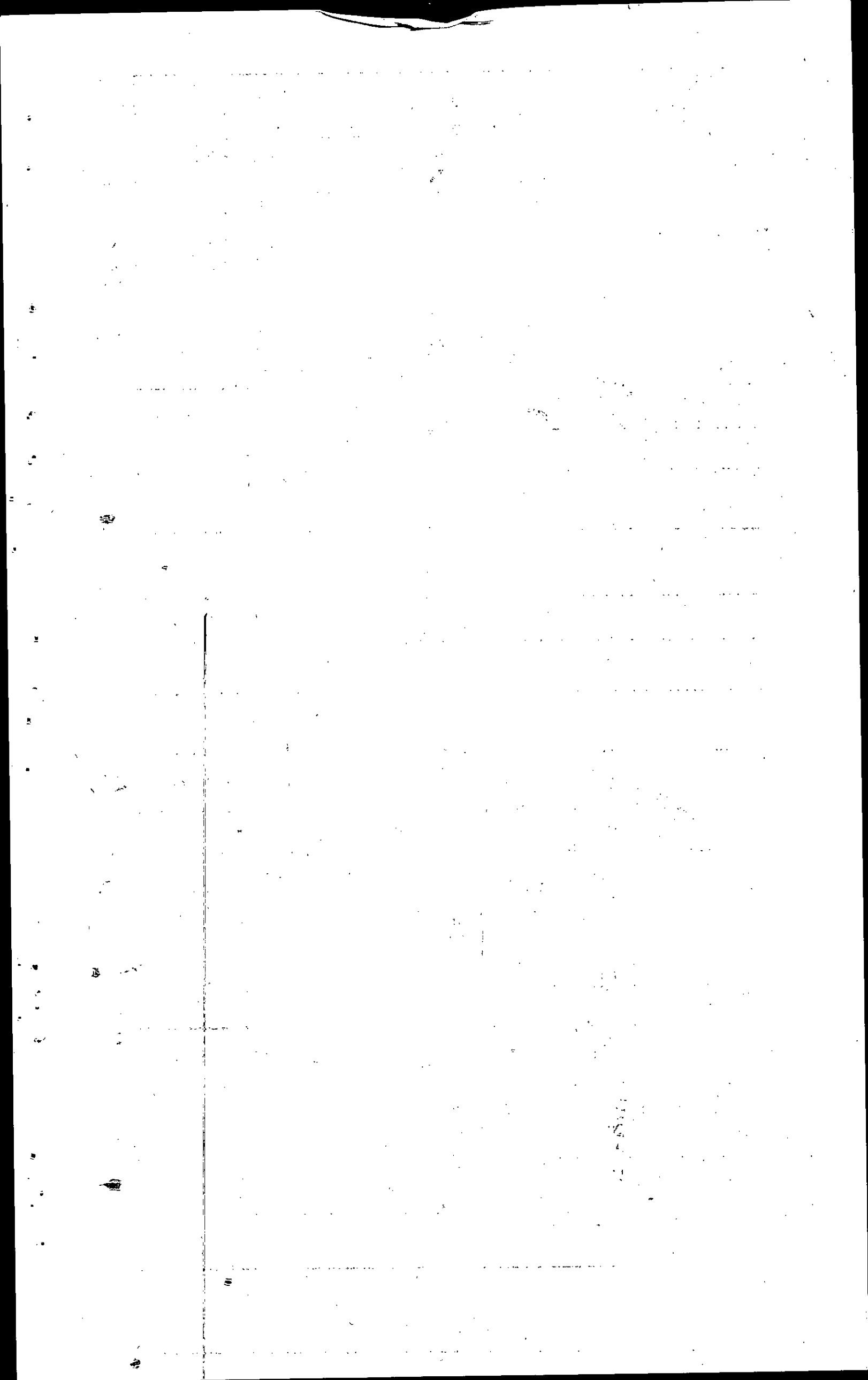
Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
Providing and fixing all types of partly fixed and partly openable glazed anodised bronze colour aluminium doors, 2mm thick section, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 mm x 100 mm (1½" x 4") and leaf frame of 60x40mm (2½"x1½") wide sections including the cost of ¼" (5 mm) thick imported tinted glass with aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc., and hardware any required as approved by the engineer in-charge.	322	P-Sft	756.50	243593	322	P-Sft	756.50	243593	-322	P-Sft	756.50	-243593	0	0	0	243593	
P/F iron sliding bolt 12" long	5	Each	399.75	1999	5	Each	399.75	1999	-5	Each	399.75	-1999	0	0	0	1999	
Emulsion paint one coat on old surface (Roof).	5015	%Sft	1010.75	50688	5015	%Sft	1010.75	50688	5384	%Sft	1010.75	54419	10399 ✓	105107	54419	0	
Emulsion paint on old surface.																	
60% one coat	3954	%Sft	1010.75	39965	3954	%Sft	1010.75	39965	8666	%Sft	1010.75	87592	12620 ✓	127557	87592	0	
40% two coat after scraping	2636	%Sft	1388.95	36613	2636	%Sft	1388.95	36613	5778	%Sft	1388.95	80254	8414 ✓	116866	80254	0	
Removing door with chowkat	16	Each	362.35	5798	16	Each	362.35	5798	-10	Each	362.35	-3624	6 ✓	2174	0	3624	
Installation of Fire Extinguisher / Smoke detector	12445	P-Sft	95.00	1182275	12445	P-Sft	95.00	1182275	-12445	P-Sft	95.00	-1182275	0	0	0	1182275	
Dismantling cement concrete with brick aggregate.	0	0	0	0	0	0	0	0	113	%Cft	2471.05	2792	113 ✓	2792	2792	0	
P/L dry rammed brick ballast 1 1/2" to 2" gauge.	0	0	0	0	0	0	0	0	113	%Cft	5794.80	6548	113 ✓	6548	6548	0	
Providing and laying superb quality Ceramic tile floor 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 and plaster / c the cost of sealer for finishing the joints / cutting grinding complete in all respects as approved and directed by the Engineer Incharge. 10"x13" size	0	0	0	0	0	0	0	0	353	P Sft	179.80	63469	353 ✓	63469	63469	0	16
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 / c the cost of sealer for finishing the joints / cutting grinding complete in all respects as approved and directed by the Engineer Incharge. 10"x13" size dado / skirting	0	0	0	0	0	0	0	0	1756	P Sft	186.75	327933	1756 ✓	327933	327933	0	
Painting to doors & windows 2-coat on old surface (Colour change).	0	0	0	0	0	0	0	0	2201	%Sft	1346.60	29639	2201 ✓	29639	29639	0	
Cement pointing flush on flooring 1:2 etc complete	0	0	0	0	0	0	0	0	5820	%Sft	2058.70	119816	5820 ✓	119816	119816	0	
P/L UPVC / PVC pipe 4" dia	0	0	0	0	0	0	0	0	208	P Rft	382.70	79602	208 ✓	79602	79602	0	
				3527900				3527900				-740695		2787205 ✓		P-3	
REVAMPING OF DIALYSIS UNIT (First Floor)																	
Dismantling encastic or glazed tile etc complete	0	0	0	0	0	0	0	0	1005	%Sft	1932.50	19422	1005 ✓	19422	19422	0	
Dismantling P.C.C 1:2:4 complete.	0	0	0	0	0	0	0	0	40	%Cft	9060.50	3624	40 ✓	3624	3624	0	
Dismantling cement concrete with brick aggregate.	0	0	0	0	0	0	0	0	80	%Cft	2471.05	1977	80 ✓	1977	1977	0	
P/L dry rammed brick ballast 1 1/2" to 2" gauge.	0	0	0	0	0	0	0	0	80	%Cft	5794.80	4636	80 ✓	4636	4636	0	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
P/L P.C.C 1:2:4 complete i/c lead 210-Km	0	0	0	0	0	0	0	0	40	%Cft	35597.21	14239	40	14239	14239	0	
Providing and laying superb quality Ceramic tile floor 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 and plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. 10"x13" size	0	0	0	0	0	0	0	0	241	P Sft	179.80	43332	241 /	43332	43332	0	
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. 10"x13" size	0	0	0	0	0	0	0	0	764	P Sft	186.75	142677	764 ✓	142677	142677	0	
Removing of door with chowkat.	0	0	0	0	0	0	0	0	4	Each	362.35	1449	4 /	1449	1449	0	
P/F 2'-6" x 7' deluxe U PVC super Q-Box door with U PVC door frame / threshold (Duroframe KB1) including latch lock as approved by the engineer incharge complete in all respect as per drawing and amnufacturer sample approved.	0	0	0	0	0	0	0	0	35	P Sft	850.00	29750	35 ✓	29750	29750	0	(7)
Emulsion paint one coat on old surface (Roof).	0	0	0	0	0	0	0	0	6987	%Sft	1010.75	70621	6987 ✓	70621	70621	0	
Emulsion paint on old surface. 60% one coat	0	0	0	0	0	0	0	0	5533	%Sft	1010.75	55925	5533 ✓	55925	55925	0	
Emulsion paint on old surface. 40% two coat after scraping	0	0	0	0	0	0	0	0	3689	%Sft	1388.95	51238	3689 ✓	51238	51238	0	
Painting to doors & windows 2-coat on old surface (Colour change).	0	0	0	0	0	0	0	0	1130	%Sft	1346.60	15217	1130 ✓	15217	15217	0	
P/F 1 1/2" thick solid flush door shutter sterling or equivalent with commercial ply on both sides double pressed and deodar wood lipping 1 1/2"x3/8" around shutter i/c chromium plated fitting, iron hinges with aluminum kick plate 22SWG on both sides & finger plate complete in all respect.	0	0	0	0	0	0	0	0	28	P Sft	453.75	12705	28 ✓	12705	12705	0	
			Total				Total				Total	466785	0	466785	0	-26	
			D/d cost of old material									25500	0	25500	0	-25500	
			Total (B)	0			Total (B)	0			Total (B)	441285	0	441285	0	-441285	
CONSTRUCTION OF RAMP FOR DIALYSIS UNIT																	
Excavation in Foundation of Building / Bridges and other Structures, including degbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain in ordinary soil	2200	%oCft	8727.85	19201	2200	%oCft	8727.85	19201	3632	%oCft	8727.85	31700	5832 ✓	50901	31700	0	
P/L plain Cement concrete ratio (1:4:8) etc complete	275	%Cft	29698.95	81672	275	%Cft	29698.95	81672	-58	%Cft	29698.95	-17225	217 ✓	64447	0	17225	
P/L R.C.C. in slab of rafts / strip foundation base slab of column and retaining walls etc complete in all respect type C (Nominal mix 1:2:4)	334	P-Cft	416.55	139128	334	P-Cft	416.55	139128	400	P-Cft	416.55	166620	734 ✓	305748	166620	0	
P/L R.C.C. in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position complete in all respect type B (Nominal mix 1:1 1/2:3)	120	P-Cft	573.95	68874	120	P-Cft	573.95	68874	373	P-Cft	573.95	214083	493 ✓	282957	214083	0	
-----do----- 1st Floor	322	P-Cft	604.85	194762	322	P-Cft	604.85	194762	-80	P-Cft	604.85	-48388	242 ✓	146374	0	48388	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
P/L R.C.C. in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position complete in all respect type B (Nominal mix 1:2:4)	506	P-Cft	538.06	272240	506	P-Cft	538.06	272240	118	P-Cft	538.06	63491	624 ✓	335731	63491	0	
do for 1st Floor	491	P-Cft	568.96	279340	491	P-Cft	568.96	279340	257	P-Cft	568.96	146223	748 ✓	425563	146223	0	
Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending, laying in position, making joints and fastenings, i/c cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) deformed bars (Grade 40)	6440	%Kgs	25919.30	1669083	6440	%Kgs	25919.30	1669083	5768	%Kgs	25919.30	1495025	12208 ✓	3164108	1495025	0	
Pacca brick work in cement sand mortar 1:6 G/Floor	373	%Cft	26382.95	98408	373	%Cft	26382.95	98408	991	%Cft	26382.95	261455	1364 ✓	359863	261455	0	
3/8" thick cement plaster 1:3 under soffit.	1095	%Sft	2958.90	32400	1095	%Sft	2958.90	32400	999	%Sft	2958.90	29559	2094 ✓	61959	29559	0	
1/2" thick cement plaster 1:4 upto 20' height.	553	%Sft	2595.85	14342	553	%Sft	2595.85	14342	3227	%Sft	2595.85	83768	3780 ✓	98110	83768	0	
P/L Plain cement concrete 1:2:4 using coarse sand and washed aggregate i/c placing compacting curing finishing complete in all respect.	69	%Cft	35597.21	24584	69	%Cft	35597.21	24584	-69	%Cft	35597.21	-24562	0	22	0	24562	(18)
P/L Chequered tile 12"x12" laid over 3/4" thick cement sand mortar etc complete in all respect.	553	P-Sft	208.00	114920	553	P-Sft	208.00	114920	254	P-Sft	190.60	48412	807 ✓	163332	48412	0	
P/F M.S flat 1/2"x1/8" grill i/c 3/4"x1/8" M.S flat frame in windows of approved design i/c painting three coats complete in all respect.	276	P-Sft	337.60	93262	276	P-Sft	337.60	93262	-276	P-Sft	337.60	-93178	0	84	0	93178	
Providing and Laying Single Layer of Tiles 9"x4.5"x1.5" laid over 4" Earth and 1" Mud Plaster without Bhoosa, Grouted with Cement Sand (1:3) on Top of RCC Roof Slab, Provided with 34 lbs. per 100 Sft Bitumen Coating Sand Blinded	553	%Sft	9672.15	53439	553	%Sft	9672.15	53439	405	%Sft	9672.15	39172	958 ✓	92611	39172	0	
Providing and fitting all types of glazed aluminium 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.	0	0	0	0	0	0	0	0	1117	P-Sft	606.50	677461	1117 ✓	677461	677461	0	
Providing and fixing Aluminium Flyscreen comprising of Fiber/Aluminium wire gauze (Malasian) fixed in aluminium frame of approved manufacturer brownze Colour/powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket of cost of hardware as approved and directed by the engineer in charge. complete in all respect.	0	0	0	0	0	0	0	0	559	P-Sft	688.35	384788	559 ✓	384788	384788	0	
Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge. 3/8" sq bar. 11C wire gauge	0	0	0	0	0	0	0	0	1117	P-Sft	647.50 +400 21048	723258	1117 ✓	1170616 723258	723258	0	
Distemping 3-coat to new surface.	0	0	0	0	0	0	0	0	4852	%Sft	1150.30	55813	4852 ✓	55813	55813	0	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
Providing and laying fair face Gutka cladding laid in (1:2) cement/red po ssomortar having 1/4" thick groove finish i/c cost of 8SWG wire in shape of 8 placed horizontally and vertically at 36" and 18" c/ respectively i/c cutting charges as per approved drawing excluding carriage charges com plete in all respect as approved and directed by the Engineer Incharge 2- 1/4" x 2-1/4" x 9"	0	0	0	0	0	0	0	0	3563	P Sft	160.15	570614	3563 ✓	570614	570614	0	
			Total (C)	3155657			Total (C)	3155657			Total (C)	4808089	0	7963745 7348053	4808089	0	P
CONSTRUCTION OF RAMP FOR GAYNAE BLOCK																	
Excavation in Foundation of Building / Bridges and other Structures, including degbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain in ordinary soil	4000	%Cft	8727.85	34911	4000	%Cft	8727.85	34911	3076	%Cft	8727.85	26847	7076 ✓	61758	26847	0	
P/L plain Cement concrete ratio (1:4:8) etc complete	500	%Cft	29698.95	148495	500	%Cft	29698.95	148495	19	%Cft	29698.95	5643	519 ✓	154138	5643	0	
P/L R.C.C. in slab of rafts / strip foundation base slab of column and retaining walls etc complete in all respect type C (Nominal mix 1:2:4)	608	P-Cft	416.56	253268	608	P-Cft	416.56	253268	1135	P-Cft	416.56	472796	1743 ✓	726064	472796	0	
P/L R.C.C. in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position complete in all respect type B (Nominal mix 1:1 1/2:3)	210	P-Cft	573.95	120530	210	P-Cft	573.95	120530	634	P-Cft	573.95	363884	844 ✓	484414	363884	0	(19)
'do' 1st Floor	598	P-Cft	604.50	361491	598	P-Cft	604.50	361491	133	P-Cft	604.50	80399	731 ✓	441890	80399	0	
'do' 2nd Floor	286	P-Cft	635.40	181724	286	P-Cft	635.40	181724	206	P-Cft	635.40	130892	492 ✓	312617	130892	0	
P/L R.C.C. in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position complete in all respect type B (Nominal mix 1:2:4)	700	P-Cft	538.06	376709	700	P-Cft	538.06	376709	404	P-Cft	538.06	217376	1104 ✓	594085	217376	0	
'do' for 1st Floor	685	P-Cft	568.96	389809	685	P-Cft	568.96	389809	314	P-Cft	568.96	178653	999 ✓	568462	178653	0	
'do' for 2nd Floor	685	P-Cft	599.86	410975	685	P-Cft	599.86	410975	500	P-Cft	599.86	299930	1185 ✓	710905	299930	0	
Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending, laying in position, making joints and fastenings, i/c cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) deformed bars (Grade 40)	13700	%Kgs	25919.30	3550919	13700	%Kgs	25919.30	3550919	19857	%Kgs	25919.30	5146795	33557 ✓	8697715	5146795	0	
Pacca brick work in cement sand mortar 1:6 G/Floor	552	%Cft	26382.55	145633	552	%Cft	26382.55	145633	-59	%Cft	26382.55	-15566	493 ✓	130067	0	15566	
3/8" thick cement plaster 1:3 under soffit.	2359	%Sft	2958.90	69793	2359	%Sft	2958.90	69793	1952	%Sft	2958.90	57758	4311 ✓	127551	57758	0	
1/2" thick cement plaster 1:4 upto 20' height.	1583	%Sft	2595.85	41079	1583	%Sft	2595.85	41079	3757	%Sft	2595.85	97526	5340 ✓	138605	97526	0	
P/L Plain cement concrete 1:2:4 using coarse sand and washed aggregate i/c placing compacting curing finishing complete in all respect.	198	%Cft	35597.21	70416	198	%Cft	35597.21	70416	-198	%Cft	35597.21	-70482	0 ✓	-66	0	70482	
P/L Chequered tile 12"x12" laid over 3/4" thick cement sand mortar etc complete in all respect.	1583	P-Sft	208.00	329160	1583	P-Sft	208.00	329160	862	P-Sft	190.60	164297	2445 ✓	493457	164297	0	
P/F M.S flat 1/2"x1/8" grill i/c 3/4"x1/8" M.S flat frame in windows of approved design i/c painting three coats complete in all respect.	791	P-Sft	337.60	267126	791	P-Sft	337.60	267126	-791	P-Sft	337.60	-267042	0 ✓	84	0	267042	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
Providing and Laying Single Layer of Tiles 9"x4.5"x1.5" laid over 4" Earth and 1" Mud Plaster without Bhoosa, Grouted with Cement Sand (1:3) on Top of RCC Roof Slab, Provided with 34 lbs. per 100 Sft Bitumen Coating Sand Blinded	1583	%Sft	9672.15	153062	1583	%Sft	9672.15	153062	-480	%Sft	9672.15	-46426	1103 ✓	106636	0	46426	
Pacca brick work in cement sand morar 1:6 1st Floor	0	0	0	0	0	0	0	0	368	%Cft	27483.85	101141	368 ✓	101141	101141	0	
Pacca brick work in cement sand morar 1:6 2nd Floor	0	0	0	0	0	0	0	0	868	%Cft	28861.90	250521	868 ✓	250521	250521	0	
Providing and fitting all types of glazed aluminium 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"x¼") and leaf frame sections of 50 x 20 mm (2"x¼"), 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.	0	0	0	0	0	0	0	0	2688	P Sft	606.50	1630272	2688 ✓	1630272	1630272	0	
Providing and fixing Aluminum Flyscreen comprising of Fiber/Aluminum wire gauge (Malasian) fixed in aluminum frame of approved manufacturer brown color/powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket/cost of Hardware as approved and directed by the engineer in charge. complete in all respect.	0	0	0	0	0	0	0	0	1344	P Sft	688.35	925142	1344 ✓	925142	925142	0	
Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge. 3/8" sq bar. <i>1/c wire gauge</i>	0	0	0	0	0	0	0	0	2688	P Sft	647.50 1048 +	1740480	2688 ✓	1740480 2817024	1740480	0	(20)
Distempring 3-coat to new surface.	0	0	0	0	0	0	0	0	6443	%Sft	1150.30	74114	6443 ✓	74114	74114	0	
Providing and laying fair face Gutka cladding laid in (1:2) cement/red po mortar having 1/4" thick groove finish i/c cost of 8 SWG wire in shape of 8 placed horizontally and vertically at 36" and 18" c/c respectively i/c cutting charges as per approved drawing excluding carriage charges complete in all respect as approved and directed by the Engineer Incharge 2-1/4" x 2-1/4" x 9"	0	0	0	0	0	0	0	0	3752	P Sft	160.15	600883	3752 ✓	600883	600883	0	
			Total (D)	6905100			Total (D)	6905101			Total (D)	12165833		19070934	12165833	0	P-3
MAIN BOUNDARY WALL																	
Dismantling brick work in cement or lime mortar.	670	%Cft	3500.65	23454	670	%Cft	3500.65	23454	331	%Cft	3500.65	11587	1001 ✓	35042	11587	0	
Excavation in Foundation of Building / Bridges and other Structures, including degbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain in ordinary soil	693	%Cft	8727.85	6048	693	%Cft	8727.85	6048	-201	%Cft	8727.85	-1754	492 ✓	4294	0	1754	
P/L dry rammed brick ballast 1.1/2" to 2" gauge	173	%Cft	5794.80	10025	173	%Cft	5794.80	10025	-50	%Cft	5794.80	-2897	123 ✓	7128	0	2897	
Pacca brick work 1:6 in cement sand mortar/other than building	682	%Cft	25480.20	173819	682	%Cft	25480.20	173819	-171	%Cft	25480.20	-43571	511 ✓	130248	0	43571	
P/L 1-1/2" thick DPC of 1:2:4 cement concrete with two coat bitumen.	130	%Sft	6967.30	9057	130	%Sft	6967.30	9057	-24	%Sft	6967.30	-1672	106 ✓	7385	0	1672	



Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
Pacca brick work 1:5 in cement sand mortar other than building	2881	%Cft	25980.95	748471	2881	%Cft	25980.95	748471	-983	%Cft	25980.95	-255393	1898 ✓	493078	0	255393	
Cement pointing deep stuck joint 1:2 i/c red oxide.	6730	%Sft	3390.15	228149	6730	%Sft	3390.15	228149	729	%Sft	3390.15	24714	7459 ✓	252863	24714	0	
P/L P.C.C. 1:2:4	302	%Cft	35597.21	107507	302	%Cft	35597.21	107507	-80	%Cft	35597.21	-28478	222 ✓	79029	0	28478	
Refixing of jangala	1001	P-Rft	210.00	210105	1001	P-Rft	210.00	210105	-537	P-Rft	440.00	-236280	464 ✓	-26175	0	236280	
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 clad 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" embedded 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 approved and directed by the Engineer incharge. 18" dia	217	P-Rft	471.00	101972	217	P-Rft	471.00	101972	329	P-Rft	287.40	94555	546 ✓	196527	94555	0	
Painting to guard bar / grating in opening 2-coat on old surface.	4002	%Sft	1490.30	59642	4002	%Sft	1490.30	59642	510	%Sft	1490.30	7601	4512 ✓	67242	7601	0	
P/L R.C.C. in slab of rafts / strip foundation base slab of column and retaining walls etc complete in all respect type C (Nominal mix 1:2:4)	0	0	0	0	0	0	0	0	46	P Cft	416.55	19161	46 ✓	19161	19161	0	
Fabrication of mild steel reinforcement cement i/c cutting bending laying complete (defomed bars)	0	0	0	0	0	0	0	0	266	%Kgs	25919.30	68945	266 ✓	68945	68945	0	
1/2" thick cement plaster 1:4	0	0	0	0	0	0	0	0	4680	%Sft	2595.85	121486	4680 ✓	121486	121486	0	
P/F steel fence on Boundary Wall comprising of M.S square bar (5/8"x5/8") at a part 5" C.C and 4' clear height and 6" embedded in P.C.C. punching in 2-Nos. Horizontally M.S flat 1 1/2"x3/16" and making with M.S flat 5/8"x1/8" in top & bottom i/c vertical pillar box size 1'x1' with 8-Nos. M.S square bars 5/8"x5/8" at a part 8'-5" C.C. 4' clear height and 1' embedded in P.C.C and painting 3 coats etc complete in all respect as approved by the engineer incharge (Including P.C.C).	0	0	0	0	0	0	0	0	150	P Rft	4642.00 2045	696300 306750	150 ✓	696300 306750	696300 306750	0	
			Total	1678249			Total	1678249			Total	421403 84753	0	2152552 1763002	474303	0	
			D/d cost of old material	35400				35400				52900	0	88300	52900	0	
			Total (E)	1642800			Total (E)	1642849			Total (E)	421403 31853	0	2064252 167422	421403	0	
CONSTRUCTION OF FIBER GLASS SHED																	

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Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
Supply and Erection of Car Parking Shed consisting of 3 mm thick fiber glass sheet roof (3-layers) fixed / riveted on moulded curved frame of M.S box pipe 1-1/2"x1-1/2"16-SWG supported on trusses of MS angle iron 1-1/2"x1-1/2"x3/16" all around duly supported on M.S sheet 6"x6"x1/4" welded on GI pipe post (Medium Quality) of specified diameter embedded in P.C:C (1:2:4) i/c the cost of excavation, cutting straightening assembling, bending as per design, welding / grinding of joints and painting three coats complete in all respect as approved and directed by the Engineer Incharge. (i) 4" dia GI Pipe Supports	1875	P-Sft	850.00	1593750	1875	P-Sft	850.00	1593750	654	P-Sft	850.00	555900	1875 2529	2149650 2149650	555900	0	
			Total (F)	1593750			Total (F)	1593750			Total (F)	555900		2149650	555900	0	P-3
SECURITY ROOM																	
Excavation in Foundation of Building / Bridges and other Structures, including degbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain in ordinary soil	1956	%oCft	8727.85	17074	1956	%oCft	8727.85	17074	-1000	%oCft	8727.85	-8728	956	8346	0	8728	22
P/L cement concrete brick or stone ballast 1.1/2" to 2" in gauge 1:6:18 in foundation	728	%Cft	14049.30	102279	728	%Cft	14049.30	102279	-431	%Cft	14049.30	-60552	297	41726	0	60552	
P/L dry brick ballast 1-1/2" to 2" gauge.	132	%Cft	5794.80	7649	132	%Cft	5794.80	7649	-90	%Cft	5794.80	-5215	42	2434	0	5215	
Pacca brick work (1:6) in cement sand mortar F&P.	1532	%Cft	24593.05	376749	1532	%Cft	24593.05	376749	-731	%Cft	24593.05	-179775	801	196973	0	179775	
P/L 1-1/2" thick DPC of 1:2:4 cement concrete with one coat bitumen & polythene sheet 500-gauge.	368	%Sft	6666.95	24546	368	%Sft	6666.95	24546	-206	%Sft	6666.95	-13734	162	10812	0	13734	
P/L Vertical DPC 1/2" thick cement plaster 1:3 i/c bitumen & polythene sheet 500-gauge.	192	%Sft	4488.20	8617	192	%Sft	4488.20	8617	-98	%Sft	4488.20	-4398	94	4219	0	4398	
Pacca brick work in Ground Floor (1:6) mortar.	2840	%Cft	26382.95	749276	2840	%Cft	26382.95	749276	-1773	%Cft	26382.95	-467770	1067	281506	0	467770	
P/L R.C.C. (1:2:4) in roof slab coloumn lintels beams etc complete (Using coarse sand), i/c lead 210KM	352	P-Cft	573.95	202030	352	P-Cft	573.95	202030	-137	P-Cft	573.95	-78631	215	123399	0	78631	
Fabrication of mild steel reinforcement cement i/c cutting bending laying complete (defomed bars)	1080	%Kgs	25919.30	279928	1080	%Kgs	25919.30	279928	-421	%Kgs	25919.30	-109120	659	170808	0	109120	
1/2" thick cement plaster 1:3 i/c bitumen & polythene sheet 500-gauge with biumen coat 10-LBS %Sft	184	%Sft	3410.40	6275	184	%Sft	3410.40	6275	-138	%Sft	3410.40	-4706	46	1569	0	4706	
3/8" thick cement plaster 1:3 under soffit.	576	%Sft	2958.90	17043	576	%Sft	2958.90	17043	-252	%Sft	2958.90	-7456	324	9587	0	7456	
1/2" thick cement plaster 1:4	2448	%Sft	2595.85	63546	2448	%Sft	2595.85	63546	-1343	%Sft	2595.85	-34862	1105	28684	0	34862	
Providing and Laying Single Layer of Tiles 9"x4.5"x1.5" laid over 4" Earth and 1" Mud Plaster without Bhoosa, Grouted with Cement Sand (1:3) on Top of RCC Roof Slab, Provided with 34 lbs. per 100 Sft Bitumen Coating Sand Blinded	636	%Sft	9672.15	61515	636	%Sft	9672.15	61515	121	%Sft	9672.15	11703	757	73218	11703	0	2165
P/L P.C.C 1:2:4 complete.	16	%Cft	35597.21	5696	16	%Cft	35597.21	5696	-12	%Cft	35597.21	-4272	4	1424	0	4272	2165
Khassi panna 12" outside width 12" (1:2) cement sand mortar ratio	56	P-Rft	145.10	8126	56	P-Rft	145.10	8126	-56	P-Rft	145.10	-8126	0	0	0	8126	2165
Filling earth under floor with surplus earth	1304	%oCft	4197.60	5474	1304	%oCft	4197.60	5474	-667	%oCft	4197.60	-2800	637	2674	0	2800	2165
Filling earth under floor excavated from outside lead upto 3-miles.	148	%oCft	13228.60	1963	148	%oCft	13228.60	1963	207	%oCft	13228.60	274	355	2237	274	0	2165
Sand Filling under floor	340	%Cft	2863.20	9735	340	%Cft	2863.20	9735	-178	%Cft	2863.20	-5096	162	4638	0	5096	2165

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
P/L dry brick ballast 1-1/2" to 2" gauge.	424	%Cft	5794.80	24570	424	%Cft	5794.80	24570	-262	%Cft	5794.80	-15182	162 ✓	9388	0	15182	
1 1/2" thick mosaic flooring, consisting of 1/2" mosaic topping of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips laid over 1" thick floor of 1:2:4 cement concrete i/c rubbing and polishing complete with finishing.	596	%Sft	15503.60	92401	596	%Sft	15503.60	92401	19	%Sft	15503.60	2946	615 ✓	95347	2946	0	
P/L 1 1/2" thick Conglomerate flooring 2-coat work laid over (1:3:6) concrete i/c rubbing & finishing.	796	%Sft	8209.85	65350	796	%Sft	8209.85	65350	-796	%Sft	8209.85	-65350	0	0	0	65350	
P/L marble strips 1-1/2" x 3/8" for dividing floor	836	P-Rft	15.85	13251	836	P-Rft	15.85	13251	-593	P-Rft	15.85	-9399	243 ✓	3852	0	9399	
1/2" thick mosaic dado / skirting rubbing & finishing	96	%Sft	15456.55	14838	96	%Sft	15456.55	14838	-59	%Sft	15456.55	-9119	37 ✓	5719	0	9119	
Providing and laying superb quality Ceramic tile floor of Master brand of specified size, Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer In charge. 10"x13" size	104	P-Sft	179.80	18699	104	P-Sft	179.80	18699	-78	P-Sft	179.80	-14024	26 ✓	4675	0	14024	
Providing and laying superb quality Ceramic tile 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 In charge. 10"x13" size	304	P-Sft	186.75	56772	304	P-Sft	186.75	56772	-228	P-Sft	186.75	-42579	76 ✓	14193	0	42579	
P/F M.S angle iron chowkat 1-1/2"x1-1/2"x1/4" welded with M.S flat 2"x1/4" complete.	208	P-Sft	337.60	70221	208	P-Sft	337.60	70221	-122	P-Sft	337.60	-41187	86 ✓	29034	0	41187	
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 in charge. ii) Double Leaf	164	P-Sft	1119.25	183557	164	P-Sft	1119.25	183557	-112	P-Sft	1119.25	-125356	52 ✓	58201	0	125356	
P/F M.S grill 3/4"x1/8" glazing complete	140	P-Sft	410.35	57449	140	P-Sft	410.35	57449	-87	P-Sft	410.35	-35700	53 ✓	21749	0	35700	
P/F steel window with openable glazed panel using beam 1-1/2"x1x5/8x1/8 Z: Sec 3/4x1x3/4x1/8 tee section 1x1x1/8 glass panes & wire gauge complete	116	P-Sft	805.10	93392	116	P-Sft	805.10	93392	-63	P-Sft	805.10	-50721	53 ✓	42670	0	50721	
P/F class room almirah shutter 1" thick deodar wood frame (3"x1") i/c painting	104	P-Sft	683.35	71068	104	P-Sft	683.35	71068	-78	P-Sft	683.35	-53301	26 ✓	17767	0	53301	
Distempering 3-coat to new surface.	2340	%Sft	1150.30	26917	2340	%Sft	1150.30	26917	-1384	%Sft	1150.30	-15920	956 ✓	10997	0	15920	
Cement pointing deep stuck joint 1:2 i/c red oxide.	2940	%Sft	3390.55	99682	2940	%Sft	3390.55	99682	-1724	%Sft	3390.55	-58453	1216 ✓	41229	0	58453	
P/F PVC rain water down pipe 4" dia (B-class)	0	0	0	0	0	0	0	0	14	P Rft	383	5358	14 ✓	5358	5358	0	
P/F PVC bend 4" dia	0	0	0	0	0	0	0	0	2	Each	470	941	2 ✓	941	941	0	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
P/L Pre-cast / Pre-stressed RCC roofing of approved firms comprising of members (Girders / Slabs) of required size i/c filling of V-joints with PCC 1:2:4 using fine aggregate & 1/2" thick cement plaster 1:3 over roof and flush cement pointing 1:2 under neath of roof complete in all respect to the satisfaction of the engineer incharge of work (Girders size 4"x9" & Slabs size 4 1/2"x1 1/2").	0	0	0	0	0	0	0	0	397	P Sft	402	159594	397 ✓	159594	159594	0	
E.I Work (Security Room)																	
S/E of PVC pipe for wiring recessed in walls, i/c inspection boxed, pull boxes, hooks, cutting jharries, and repairing surface etc complete with all specials. 3/4" dia	200	P-Rft	69.40	13880	200	P-Rft	69.40	13880	-16	P-Rft	69.40	-1110	184 ✓	12770	0	1110	
.....do..... 1" dia	120	P-Rft	80.45	9654	120	P-Rft	80.45	9654	-24	P-Rft	80.45	-1931	96 ✓	7723	0	1931	
S/E of single core PVC insulated copper conductor cables in prelaidd PVC pipe / M.S conduit /GI pipe / wooden strip batten / wooden casing an capping / G.I wire / trenches 3/0.29"	400	P-Rft	20.95	8380	400	P-Rft	20.95	8380	100 ✓	P-Rft	20.95	2095	500 ✓	10475	2095	0	
....do..... 7/0.029"	200	P-Rft	33.00	6600	200	P-Rft	33.00	6600	100	P-Rft	33.00	3300	300 ✓	9900	3300	0	
Supply and erection of M.S. sheet box of 16 SWG, 10 cm (4") deep, with 4.75 mm thick (3/16") bakelite sheet top, for recessed wiring, including making holes for regulators, switches, plugs, etc. 7"x4"	8	Each	311.25	2490	8	Each	311.25	2490	-8	Each	311.25	-2490	0	0	0	2490	
S/E of button holder bakelite	8	Each	45.35	363	8	Each	45.35	363	-4	Each	45.35	-181	4 ✓	181	0	181	
S/E LED bulb 12-watts (Philips made) complete in all respect as approved by the engineer incharge.	8	Each	328.00	2624	8	Each	328.00	2624	-8	Each	328.00	-2624	0	0	0	2624	
S/E of fan hook 3/8" dia	4	Each	57.15	229	4	Each	57.15	229	-2	Each	57.15	-114	2 ✓	114	0	114	
S/E of ceiling fan 56" sweep etc complete	4	Each	5000.00	20000	4	Each	5000.00	20000	-4	Each	5000.00	-20000	0 ✓	0	0	20000	
S/E of ceiling rose	0	0	0	0	0	0	0	0	2	Each	56	112	2 ✓	112	112	0	
R/O fency type bracket fan 18" having aesthetically designed plastic motor cover and steel body copper winding (GFC).	0	0	0	0	0	0	0	0	1	Each	3042	3042	1 ✓	3042	3042	0	
R/O LED bulb 12-watt etc complete	0	0	0	0	0	0	0	0	6	Each	426	2556	6 ✓	2556	2556	0	
S/E of power plug 10/15 amp etc complete	0	0	0	0	0	0	0	0	1	Each	495	495	1 ✓	495	495	0	
S/E of light plug 10/15 amp etc complete	0	0	0	0	0	0	0	0	1	Each	495	495	1 ✓	495	495	0	
S/E China plate 8+2 size i/c all necessary fittings complete in all respect (Opal / equivalent)	0	0	0	0	0	0	0	0	2	Each	2550	5100	2 ✓	5100	5100	0	
S/E China plate 2+2 size i/c all necessary fittings complete in all respect (Opal / equivalent)	0	0	0	0	0	0	0	0	2	Each	1400	2800	2 ✓	2800	2800	0	
P.H Work													0	0	0	0	
P/F glazed earthen ware water closet Orisa pattern (White)	4	Each	2174.75	8699	4	Each	2174.75	8699	-4	Each	2174.75	-8699	0	0	0	8699	
P/F P trap 4" dia galzed	8	Each	218.40	1747	8	Each	218.40	1747	-6	Each	218.40	-1310	2 ✓	437	0	1310	
P/F CP bib cock 1/2" dia	4	Each	466.20	1865	4	Each	466.20	1865	-3	Each	466.20	-1399	1 ✓	466	0	1399	
P/F Tee stop cock	4	Each	886.20	3545	4	Each	886.20	3545	-2	Each	886.20	-1772	2 ✓	1772	0	1772	
Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with 'B' Class working pressure pipe, in trenches, complete in all respects:-100mm	88	P-Rft	382.50	33660	88	P-Rft	382.50	33660	-43	P-Rft	382.50	-16448	45 ✓	17213	0	16448	
....do..... 50mm	60	P-Rft	177.15	10629	60	P-Rft	177.15	10629	-46	P-Rft	177.15	-8149	14 ✓	2480	0	8149	
P/F Looking glass 22"x16" 5mm thick.	4	Each	582.65	2331	4	Each	582.65	2331	-3	Each	582.65	-1748	1 ✓	583	0	1748	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
P/F Floor trap jali 6"x6"	4	Each	514.40	2058	4	Each	514.40	2058	-2	Each	514.40	-1029	2	1029	0	1029	
P/L PRRC pipe PN-20 for hot and cold water dadex / beta i/c maxing jharries in existing brick masonry and the cost of pipe (Fusion threaded) i/c cost of solution of same quality etc complete 25mm dia	80	P-Rft	53.55	4284	80	P-Rft	53.55	4284	5	P-Rft	53.55	268	85 ✓	4552	268	0	
do.....32mm dia	44	P-Rft	85.80	3775	44	P-Rft	85.80	3775	-24	P-Rft	85.80	-2059	20 ✓	1716	0	2059	
P/F glazed earthen ware W.C europen type (Porta made) i/c seat & seat cover etc complete in all respect as approved by the Engineer In-charge	0	0	0	0	0	0	0	0	1	Each	17200	17200	1 ✓	17200	17200	0	
P/F glazed earthen ware wash hand basin 22"x16" i/c bracket set waste pipe waste coupling etc (Colour i/c pedestal)	0	0	0	0	0	0	0	0	1	Each	3568	3568	1 ✓	3568	3568	0	
P/F Neck cock 1/2" dia / Pillar	0	0	0	0	0	0	0	0	1	Each	466	466	1 ✓	466	466	0	
P/F Double bib cock 1/2" dia Sonex made complete in all respect as approved by the Engineer In-charge	0	0	0	0	0	0	0	0	1	Each	5750	5750	1 ✓	5750	5750	0	
P/F PVC tee 4" dia	0	0	0	0	0	0	0	0	3	Each	1356	4067	3 ✓	4067	4067	0	
P/L PVC bend 4" dia	0	0	0	0	0	0	0	0	3	Each	470	1411	3 ✓	1411	1411	0	
P/F Plastic soap dish, plastic toilet paper holder, plastic towel rail & plastic shelf 24"x5"	0	0	0	0	0	0	0	0	1	Each	6600	6600	1 ✓	6600	6600	0	
Providing and fixing Muslim Shower with flexible pipe (Sonex made)complete in all respect as approved by the Engineer In-charge	0	0	0	0	0	0	0	0	1	Each	3950	3950	1 ✓	3950	3950	0	
Providing and fixing Plastic made low down Flushing cistern 13,63 litres (3-GLns) capacity i/c Bracket set Copper connection(Sonex Made) complete in all respect as approved by the Engineer In-charge	0	0	0	0	0	0	0	0	1	Each	6600	6600	1 ✓	6600	6600	0	
P/F handle valve 1" dia	0	0	0	0	0	0	0	0	1	Each	598	598	1 ✓	598	598	0	
			Total (G)	3077200			Total (G)	3077200			Total (G)	-1351314	0	1725886	-1351314	0	P-3
ELECTRIC INSTALLATION																	
S/E of PVC pipe for wiring recessed in walls, i/c inspection boxed, pull boxes, hooks, cutting jharries, and repairing surface etc complete with all specials.3/4" dia	1000	P Rft	69.40	69400	1000	P Rft	69.40	69400	-435	P Rft	69.40	-30189	565 ✓	39211	0	30189	
do.....1" dia	500	P Rft	80.45	40225	500	P Rft	80.45	40225	875	P Rft	80.45	70394	1375 ✓	110619	70394	0	
do.....2" dia	450	P Rft	157.45	70853	450	P Rft	157.45	70853	-450	P Rft	157.45	-70853	0	0	0	70853	
S/E of single core PVC insulated copper conductor cables in prelaid PVC pipe / M.S conduit /GI pipe / wooden strip batten / wooden casing an capping / G.I wire / trenches 3/0.29"	5500	P Rft	20.95	115225	5500	P Rft	20.95	115225	5250	P Rft	20.95	109988	5000 ✓ 10750	104750 225213	109988	0	
7/0.029"	4200	P Rft	33.00	138600	4200	P Rft	33.00	138600	4400	P Rft	33.00	145200	5000 ✓ 8600	205800 165000	145200	0	
7/0.036"	3000	P Rft	43.50	130500	3000	P Rft	43.50	130500	-1400	P Rft	43.50	-60900	1600 ✓	69600	0	60900	
7/0.044"	3500	P Rft	60.60	212100	3500	P Rft	60.60	212100	-2180	P Rft	60.60	-132108	4320 ✓	79992 ✓	0	132108	
7/0.064"	2800	P Rft	141.05	394940	2800	P Rft	141.05	394940	-2644	P Rft	141.05	-372936	156 ✓	22004 ✓	0	372936	
7/0.064" 4-core	2200	P Rft	656.95	1445290	2200	P Rft	656.95	1445290	-2200	P Rft	656.95	-1445290	0	0	0	1445290	
M.S sheet box of 18SWG on top 4"x4"	60	Each	224.75	13485	60	Each	224.75	13485	-60	Each	224.75	-13485	0	0	0	13485	
7"x4"	40	Each	311.25	12450	40	Each	311.25	12450	-40	Each	311.25	-12450	0	0	0	12450	
9"x4"	40	Each	399.85	15994	40	Each	399.85	15994	-40	Each	399.85	-15994	0	0	0	15994	
8"x10"	30	Each	576.40	17292	30	Each	576.40	17292	-30	Each	576.40	-17292	0	0	0	17292	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
10"x12"	20	Each	763.45	15269	20	Each	763.45	15269	-20	Each	763.45	-15269	0	0	0	15269	
S/E of ceiling rose	20	Each	55.90	1118	20	Each	55.90	1118	-20	Each	55.90	-1118	0	0	0	1118	
S/E of button holder	400	Each	45.35	18140	400	Each	45.35	18140	9	Each	45.35	408	409	18548	408	0	
S/E of switch piano type 5 amp	600	Each	60.70	36420	600	Each	60.70	36420	-600	Each	60.70	-36420	0	0	0	36420	
S/E of 3 pin 5 amp wall socket	250	Each	75.10	18775	250	Each	75.10	18775	-250	Each	75.10	-18775	0	0	0	18775	
S/E of 3 pin switch & plug combined 10/15 amp	30	Each	126.50	3795	30	Each	126.50	3795	-30	Each	126.50	-3795	0	0	0	3795	
S/E of 3 pin switch & plug combined 5/10 amp	30	Each	94.50	2835	30	Each	94.50	2835	-30	Each	94.50	-2835	0	0	0	2835	
S/E of energy saver 24-watts Philips made complete in all respect.	350	Each	350.00	122500	350	Each	350.00	122500	-350	Each	350.00	-122500	0	0	0	122500	
S/E of fan hook	20	Each	57.15	1143	20	Each	57.15	1143	-20	Each	57.15	-1143	0	0	0	1143	
P/F circuit bracker single phase 40-Amp	80	Each	866.40	69312	80	Each	866.40	69312	-80	Each	866.40	-69312	0	0	0	69312	
P/F circuit bracker double pole 40A 6KA	40	Each	2996.40	119856	40	Each	2996.40	119856	-40	Each	2996.40	-119856	0	0	0	119856	
S/E of fan dimmer bush hilife	60	Each	350.00	21000	60	Each	350.00	21000	152	Each	350.00	53200	212110	74200	53200	0	
✓ Rewinding of A.C ceiling fans capacitor type i/c cost of leather paper cotton type soldering etc i/c 1-No. capacitor 2.2UF and 2-Nos. of ball bearing 6201,6202 i/c erection etc complete	120	Each	2577.30	309276	120	Each	2577.30	309276	-8	Each	2577.30	-20618	60	154638	0	20618	✓
✓ S/E of fancy type gate light of approved design complete	6	Each	2500.00	15000	6	Each	2500.00	15000	-6	Each	2500.00	-15000	0	0	0	15000	
✓ S/E of SMD light 12-watts etc complete in all respect as approved by the engineer incharge.	450	Each	800.00	360000	450	Each	800.00	360000	450	Each	800.00	360000	450	360000	0	360000	
R/O fancy type bracket fan 18" having aesthetically designed plastic motor cover and steel body copper winding (GFC).	35	Each	3041.85	106465	35	Each	3041.85	106465	-35	Each	3041.85	-106465	0	0	0	106465	
Providing and fixing of LED flood light 100watts power (Philips made) etc complete in all respect as approved by the Engineer Incharge.	15	Each	5700.00	85500	15	Each	5700.00	85500	-15	Each	5700.00	-85500	0	0	0	85500	26
✓ P/F of SMD / LED flood light 100-watts power 1100-LM luminour flux IP-65 water proof rate low power & high brightness 50000 H 60 long life spam beam angle light decay less 5% in 10000 hires testing mae in PRC or equivalent complete in all respect as approved by the Engineer Incharge.	10	Each	18500.00	185000	10	Each	18500.00	185000	5	Each	21000.00	105000	15	290000	105000	0	
P/F of Branch Distribution Board consisting of 16-SWG M.S sheet box (48"x36"x6" size) with glass shutter duly powered coated paint locking arrangement complete in all respect as approved by the engineer incharge. INCOMING i) MCB 200-Amp TPN (25-KA) 1-No. (Hitachi) OUTGOING i) MCB 125-Amp (15-KA) 07-Nos. (Legrand Brand) i) MCB SP 6 to 20 Amp (6-KA) 18-Nos. (Legrand Brand) ii) Volt Meter 500 Volt 3-Nos. iii) Amp meter 500 Volt 1-No. iv) Selector switches 1-No. v) LED Neon lights 3-Nos. vi) Thimbles 9-Nos. vii) Bus bar 1 1/2"x1/8" (14" Long)	0	0	0	0	0	0	0	0	2	Each	208100.00	416200	2	416200	416200	0	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Neutral & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controls Complete in all respect as approved and (Box size 10"x14"x6") 0.486x5	0	0	0	0	0	0	0	0	2	Each	41912.65	101848	2	101848	101848	0	
Suppling, Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of Legrand france / GE USA / Schneider German / Terasaki Japan / Abb Switzerland in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge Double pole (6-63 Amp (10 KA)	0	0	0	0	0	0	0	0	5	Each	5126.40	25632	5	25632	25632	0	
Single pole (6-40 Amp (6 KA)) 20x5	0	0	0	0	0	0	0	0	50	Each	866.40	43320	50	43320	43320	0	
S/E of LED Bulb 12-watts (Philips or Equivalent) complete in all respect as approved by the engineer incharge.	0	0	0	0	0	0	0	0	325	Each	426.00	138450	325	138450	138450	0	
Supply & Errection of Power Plug 20Amp Combined with switch with porcelain base (Bush Hilife) etc complete in all respect as approved by engineer incharge.	0	0	0	0	0	0	0	0	117	Each	495.00	57915	60	29700	29700	0	
Supply & Errection of Light Plug 30/35 Amp Combined with switch with porcelain base (Bush Hilife) etc complete in all respect as approved by engineer incharge.	0	0	0	0	0	0	0	0	208	Each	495.00	102960	150	74250	74250	0	27
R/O China plate 8+2 size i/c all necessary fittings complete in all respect (Opal / equivalent)	0	0	0	0	0	0	0	0	61	Each	2550.00	155550	61	155550	155550	0	
R/O China plate 6+2 size i/c all necessary fittings complete in all respect (Opal / equivalent)	0	0	0	0	0	0	0	0	145	Each	2076.00	301020	145	301020	301020	0	
R/O China plate 4+2 size i/c all necessary fittings complete in all respect (Opal / equivalent)	0	0	0	0	0	0	0	0	78	Each	1836.00	143208	78	143208	143208	0	
R/O China plate 2+2 size i/c all necessary fittings complete in all respect (Opal / equivalent)	0	0	0	0	0	0	0	0	66	Each	1400.00	92400	66	92400	92400	0	
Supply and Errection of energy saver 100-Watt (Philips made or Equivalent) as per approved manufacturer etc complete as per Approved by the Engineer Incharge.	0	0	0	0	0	0	0	0	45	Each	2526.00	113670	45	113670	113670	0	
P/F Exhaust fan 18" sweep etc complete (Iron body) etc complete	0	0	0	0	0	0	0	0	7	Each	4500.00	31500	7	31500	31500	0	
L.T cable wire 40mm i/c non-armored	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PUBLIC HEALTH																	
P/F glazed earthen ware water closet (Coloured)	26	Each	2174.75	56544	26	Each	2174.75	56544	-26	Each	2174.75	-56544	0	0	0	56544	
P/F glazed earthen ware wash hand basin 22"x16" i/c bracket set waste pipe waste coupling etc (Colour i/c pedestal)	20	Each	3567.90	71358	20	Each	3567.90	71358	-20	Each	3567.90	-71358	0	0	0	71358	
P/F P trap 4" dia galzed	26	Each	218.40	5678	26	Each	218.40	5678	36	Each	218.40	7862	62	13541	7862	0	
P/F bib cock 1/2" dia	26	Each	466.20	12121	26	Each	466.20	12121	1	Each	466.20	466	27	12587	466	0	
P/F Neck cock 1/2" dia	30	Each	466.20	13986	30	Each	466.20	13986	-2	Each	466.20	-932	28	13054	0	932	
P/F Tee stop cock	30	Each	886.20	26586	30	Each	886.20	26586	55	Each	886.20	48741	85	75327	48741	0	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
P/F Double bib cock	26	Each	3000.00	78000	26	Each	3000.00	78000	-26	Each	3000.00	-78000	0	0	0	78000	
P/F PVC tee 4" dia	30	Each	1355.50	40665	30	Each	1355.50	40665	18	Each	1355.50	24399	48 ✓	65064	24399	0	
P/L PVC bend 4" dia	30	Each	470.35	14111	30	Each	470.35	14111	18	Each	470.35	8466	48 ✓	22577	8466	0	
P/F Looking glass 22"x16" 5mm thick.	30	Each	582.65	17480	30	Each	582.65	17480	1	Each	582.65	583	31 ✓	18062	583	0	
P/F Glazed earthen ware water closet european type excluding seat & cover colour	20	Each	7021.25	140425	20	Each	7021.25	140425	-20	Each	7021.25	-140425	0	0	0	140425	
P/F double cover & Seat only plastic	20	Each	391.20	7824	20	Each	391.20	7824	6	Each	391.20	2347	26 ✓	10171	2347	0	
P/F Plastic soap dish, plastic toilet paper holder, plastic towel rail & plastic shelf 24"x5"	35	Each	6600.00	231000	35	Each	6600.00	231000	7	Each	6600.00	46200	42 ✓	277200	46200	0	
P/F Hanle valve 1/2" dia	30	Each	350.00	10500	30	Each	350.00	10500	-24	Each	937.20	-22493	6 ✓	-11993	0	22493	
P/F Hanle valve 3/4" dia	25	Each	500.00	12500	25	Each	500.00	12500	-11	Each	1381.20	-15193	14 ✓	-2693	0	15193	
P/F Hanle valve 1" dia	20	Each	650.00	13000	20	Each	650.00	13000	3	Each	1621.20	4864	23 ✓	17864	4864	0	
P/F Floor trap	30	Each	514.40	15432	30	Each	514.40	15432	-30	Each	514.40	-15432	0	0	0	15432	
P/F Muslim shower standard size master or equlient complete in all respect.	15	Each	2016.60	30249	15	Each	2016.60	30249	-15	Each	2016.60	-30249	0	0	0	30249	
Providing fixing water supply PPRC pipe line PN20 (Dedex / Beta) in treenches with therat / fusion joint (Without) cost or special i/c cost of solution of same quality complete in all respect 40 mm (N.S)	950	P Rft	150.00	142500	950	P Rft	150.00	142500	-950	P Rft	150.00	-142500	0	0	0	142500	
P/F plastic made low down flushing cistern 3-gallon capacity i/c bracket set & rubber connection	26	Each	2379.90	61877	26	Each	2379.90	61877	-26	Each	2379.90	-61877	0	0	0	61877	
P/F G.I Pipe 1/2" dia	1050	P Rft	146.55	153878	1050	P Rft	146.55	153878	-1050	P Rft	146.55	-153878	0	0	0	153878	
P/F G.I Pipe 3/4" dia	850	P Rft	188.55	160268	850	P Rft	188.55	160268	-850	P Rft	188.55	-160268	0	0	0	160268	
P/F G.I Pipe 1" dia	700	P Rft	281.65	197155	700	P Rft	281.65	197155	-700	P Rft	281.65	-197155	0	0	0	197155	
P/F glazed earthen ware W.C europen type (Porta made) i/c seat & seat cover etc complete in all respect as approved by the Engineer In-charge	0	0	0	0	0	0	0	0	26	Each	17100.00	444600	26 ✓	444600	444600	0	
P/F Earthen ware Wash hand basin (Porta made) etc complete in all respect as approved by the Engineer In-charge	0	0	0	0	0	0	0	0	29	Each	9800.00	284200	29 ✓	284200	284200	0	
P/F Double bib cock 1/2" dia Sonex made complete in all respect as approved by the Engineer In-charge	0	0	0	0	0	0	0	0	47	Each	5750.00	270250	47 ✓	270250	270250	0	
P/F glazed earthen ware water closet european type (Porta made) i/c seat & seat cover etc complete in all respect as approved by the Engineer In-charge (Commode)	0	0	0	0	0	0	0	0	26	Each	27000.00	702000	26 ✓	702000	702000	0	
P/F Hanle valve 2" dia	0	0	0	0	0	0	0	0	10	Each	2497.20	24972	10 ✓	24972	24972	0	
P/F Floor trap jali	0	0	0	0	0	0	0	0	58	Each	514.40	29835	58	29835	29835	0	
Providng and fixing Muslim Shower with flexible pipe (Sonex made)complete in all respect as approved by the Engineer In-charge	0	0	0	0	0	0	0	0	41	Each	3950.00	161950	41 ✓	161950	161950	0	
Providing fixing water supply PPRC pipe line PN20 (Dedex / Beta) in treenches with therat / fusion joint (Without) cost or special i/c cost of solution of same quality complete in all respect 25 mm (N.S)	0	0	0	0	0	0	0	0	547	P Rft	53.55	29292	547 ✓	29292	29292	0	
---do--- 50mm	0	0	0	0	0	0	0	0	1501	P Rft	199.60	299600	1501 ✓	299600	299600	0	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
P/F Air pipe / Vent pipe 2" dia (PVC / UPVC)	0	0	0	0	0	0	0	0	118	P Rft	177.15	20904	118	20904	20904	0	
P/F reducer 4"x2"	0	0	0	0	0	0	0	0	8	Each	700.00	5600	8	5600	5600	0	
P/F PVC socket 4" dia	0	0	0	0	0	0	0	0	104	Each	286.65	29812	104	29812	29812	0	
P/F Vanity under counter basin i/c making holes with 02-Nos. glazed earthen ware sink with coupling pipe and sink mixture with china verona marble etc complete in all respect as approved by the engineer incharge.	0	0	0	0	0	0	0	0	12	Each	61700.00	740400	12	740400	740400	0	
P/F sink / basin mixture etc complete	0	0	0	0	0	0	0	0	27	Each	6481.55	175002	27	175002	175002	0	
P/F Elbow 90 degree 4" dia	0	0	0	0	0	0	0	0	63	Each	950.00	59850	63	59850	59850	0	
P/F Elbow 4" dia	0	0	0	0	0	0	0	0	22	Each	650.00	14300	22	14300	14300	0	
P/F side pillar cock	0	0	0	0	0	0	0	0	17	Each	1486.20	25265	17	25265	25265	0	
			Total (I)	1513136			Total (I)	1513136			Total (I)	2559564	0	4072699	2559564	0	P-3
EXTERNAL ROAD / WALK WAY																	
P/L Plain cement concrete 1:2:4 etc complete.	10582	%Cft	35597.21	3766754	10582	%Cft	35597.21	3766754	-1376	%Cft	35597.21	-489818	9206	3276936	0	489818	
Excavation in Foundation of Building / Bridges and other Structures, including degbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain in ordinary soil.	0	0	0	0	0	0	0	0	1473	%Cft	8727.85	12856	1473	12856	12856	0	25
P/L dry rammed brick ballast 1.1/2" to 2" gauge	0	0	0	0	0	0	0	0	368	%Cft	5794.80	21325	368	21325	21325	0	
Filling earth under floor excavated from outside lead upto 3-miles.	0	0	0	0	0	0	0	0	23237	%Cft	13228.60	307393	23237	307393	307393	0	
Sand Filling under floor	0	0	0	0	0	0	0	0	6886	%Cft	2863.20	197160	6886	197160	197160	0	
P/L dry rammed brick ballast 1.1/2" to 2" gauge	0	0	0	0	0	0	0	0	6901	%Cft	5794.80	399899	6901	399899	399899	0	
Pacca brick work 1:6 in cement sand mortar F&P.	0	0	0	0	0	0	0	0	3590	%Cft	24593.05	882890	3590	882890	882890	0	
P/L marble strips 1-1/2" x 3/8" for dividing floor	0	0	0	0	0	0	0	0	9756	P Rft	15.85	154633	9756	154633	154633	0	
Dismantling brick or flagged flooring etc complete.	0	0	0	0	0	0	0	0	12810	%Sft	700.15	89689	12810	89689	89689	0	
Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion / cgrouting with sand in joints i/c finishing to require slope, complete in all respect. (50% Grey / 50% Coloured) 60-MM 50% New tile	0	0	0	0	0	0	0	0	4433	P Sft	121.35	537945	4433	537945	537945	0	
Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion / cgrouting with sand in joints i/c finishing to require slope, complete in all respect. (50% Grey / 50% Coloured) 60-MM 50% only labour	0	0	0	0	0	0	0	0	4433	P Sft	20.10	89103	4433	89103	89103	0	
			Total (J)	3766754			Total (J)	3766754			Total (J)	2203076	0	5969830	2203076	-2203076	P-3
EXTERNAL SEWERAGE SYSTEM																	
Earth work excavation in open cutting for sewers and manholes	9240	%Cft	6904.35	63796	9240	%Cft	6904.35	63796	1651	%Cft	6904.35	11399	10891	75195	11399	0	
Sand Filling under floor	608	%Cft	2863.20	17394	608	%Cft	2863.20	17394	637	%Cft	2863.20	18225	1245	35619	18225	0	
P/L dry brick ballast 1-1/2" to 2" gauge.	608	%Cft	5794.80	35203	608	%Cft	5794.80	35203	637	%Cft	5794.80	36884	1245	72087	36884	0	
P/L Non RCC pipe 9" dia	130	P-Rft	163.25	21223	130	P-Rft	163.25	21223	-130	P-Rft	163.25	-21223	0	0	0	21223	
P/L RCC pipe 12" dia	1085	P-Rft	637.05	691199	1085	P-Rft	637.05	691199	12	P-Rft	637.05	7645	1097	698844	7645	0	
Rehandling of earth from one upto single throw khassi.	9240	%Cft	2059.20	19027	9240	%Cft	2059.20	19027	-2404	%Cft	2059.20	-4950	6836	14077	0	4950	
P/L cement concrete brick or stone ballast 1.1/2" to 2" in gauge 1:6:18 in foundation	325	%Cft	14049.90	45662	325	%Cft	14049.90	45662	-325	%Cft	14049.90	-45662	0	0	0	45662	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
Pacca brick work 1:4 in cement sand mortar other than building.	761	%Cft	26646.95	202650	761	%Cft	26646.95	202650	-35	%Cft	26646.95	-9459	726 ✓	193191	0	9459	
1/2" thick cement plaster 1:4 on walls.	975	%Sft	2595.85	25310	975	%Sft	2595.85	25310	1759	%Sft	2595.85	45661	2734 ✓	70971	45661	0	
P/L P.C.C 1:2:4 complete.	54	%Cft	35597.21	19222	54	%Cft	35597.21	19222	1524	%Cft	35597.21	542501	1578 ✓	561724	542501	0	
Extra for making and finishing benching floor work.	163	%Sft	2308.90	3752	163	%Sft	2308.90	3752	-163	%Sft	2308.90	-3776	0	-24	0	3776	
P/L R.C.C. 1:2:4 in raft slab etc (using coarse sand).	105	P-Cft	416.56	43767	105	P-Cft	416.56	43767	130	P-Cft	416.56	54181	235 ✓	97948	54181	0	
Fabrication of mild steel RCC i/c cutting bending- laying in position making joints and fastening cost of bending wire and labour charges.	321	%Kgs	25919.30	83201	321	%Kgs	25919.30	83201	398	%Kgs	25919.30	103159	719 ✓	186360	103159	0	
P/F of M.H cover 22" dia etc complete	26	Each	5679.55	147668	26	Each	5679.55	147668	14	Each	5679.55	79514	40 ✓	227182	79514	0	
Excavation in Foundation of Building / Bridges and other Structures, including degbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain in ordinary soil	0	0	0	0	0	0	0	0	542	%oCft	8727.85 x 2	4730	542 ✓	4730	4730	0	
Pacca brick work 1:6 in cement sand G/Floor.	0	0	0	0	0	0	0	0	240	%Cft	26382.95	63319	240 ✓	63319	63319	0	
			Total (K)	1419075			Total (K)	1419075			Total (K)	882148	0	2301222	882148	0	P-3
EXTERNAL WATER SUPPLY																	
Earth work excavation in open cutting for sewers and manholes	8400	%oCft	6904.35	57997	8400	%oCft	6904.35	57997	-7482	%oCft	6904.35	-51658	918 ✓	6338	0	51658	
P/L G.I pipe line (M.Q) 4" Dia	1120	P-Rft	1357.85	1520792	1120	P-Rft	1357.85	1520792	-980	P-Rft	1357.85	-1330693	140 ✓	190099	0	1330693	
.....do..... 3" dia	380	P-Rft	941.1	357618	380	P-Rft	941.1	357618	-214	P-Rft	941.10	-201395	166 ✓	156223	0	201395	
.....do..... 2" dia	130	P-Rft	573.3	74529	130	P-Rft	573.3	74529	-130	P-Rft	573.30	-74529	0	0	0	74529	
.....do..... 1" dia	210	P-Rft	281.65	59147	210	P-Rft	281.65	59147	-210	P-Rft	281.65	-59147	0	0	0	59147	
.....do..... 3/4" dia	100	P-Rft	188.55	18855	100	P-Rft	188.55	18855	-100	P-Rft	188.55	-18855	0	0	0	18855	
P/F handle valve 4" dia	5	Each	6000.00	30000	5	Each	6000.00	30000	-5	Each	6000.00	-30000	0	0	0	30000	
P/F no return valve 4" dia	2	Each	5000.00	10000	2	Each	5000.00	10000	-2	Each	5000.00	-10000	0	0	0	10000	
P/F Sluice valve 4" dia "B" Class	1	Each	14738.45	14738	1	Each	14738.45	14738	-1	Each	14738.45	-14738	0	0	0	14738	
P/F handle valve 3" dia	2	Each	4800.00	9600	2	Each	4800.00	9600	-2	Each	4800.00	-9600	0	0	0	9600	
.....do..... 2" dia	4	Each	4200.00	16800	4	Each	4200.00	16800	-4	Each	4200.00	-16800	0	0	0	16800	
P/F Gun metal / gate valve 3" dia	0	0	0	0	0	0	0	0	4	Each	20391.30	81565	4 ✓	81565	81565	0	
Providing and hoisting vertical / horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer/ cost of making connection for inlet/ outlet pipe, float valve/ call cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge	0	0	0	0	0	0	0	0	1000	P Gln	92.90	92900	1000 ✓	92900	92900	0	
P/F Ejector Pump of specified Suction and Delivery heads, coupled with Single Phase Seimen Electric Motor of required rating for water supply/ the cost of connection charges, necessary wire, PVC pipes etc complete in all respect as approved and directed by the Engineer Incharge. G II (1-1/4"x3/4") with 1 HP Electric Motor, 21-Mtr Suction and 21 M delivery head	0	0	0	0	0	0	0	0	3	Each	12274.20	36823	3 ✓	36823	36823	0	
P/F PVC / UPVC pipe 4" dia	0	0	0	0	0	0	0	0	2357	P Rft	382.70	902024	2357 ✓	902024	902024	0	
P/F PVC pipe 6" dia	0	0	0	0	0	0	0	0	340	P Rft	755.00	256700	340 ✓	256700	256700	0	
P/F PVC / UPVC pipe 4" dia D class (Parnala)	0	0	0	0	0	0	0	0	365	P Rft	657.43	239962	365 ✓	239962	239962	0	P-3
			Total (L)	2170100			Total (L)	2170075			Total (L)	-207442	0	1962633	0	207442	
OHR 20000-GALLON CAPACITY																	

Description	As per Amended Rough Cost / A.A				As per work allotted				As per work yet to be allotted				Total Qty (7+11)	Total Amount (10+14)	Excess	Saving	Remarks
	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount					
Designing, supplying, installation, testing and commissioning of Ultrafiltration plant by multinational company (AquaGuard or Equivalent) with Arsenic removal facility coupled with prefiltration, ultrafiltration membrane (European) and activated carbon filter of 2000 litre/ hour capacity including following equipment and accessories, as per approved drawings complete in all respect as approved by the engineer incharge. (As per following specifications)	20000	P-Gln	270.00	5400000	20000	P-Gln	270.00	5400000	-20000	P-Gln	270.00	-5400000	0	0	0	5400000	
			Total (M)	5400000			Total (M)	5400000			Total (M)	-5400000	0	0	0	5400000	
WATER FILTRATION PLANT																	
Water Filtration Plant	1	P-Job	2050000	2050000	1	P-Job	2050000	2050000	1	P-Job	758000.00	758000	1	2808000	-1292000	0	P-4
			Total (N)	2050000			Total (N)	2050000			Total (N)	758000	0	2808000	-1292000	0	
RECEPTION COUNTER / NURSING COUNTER																	
Reception Counter / Nursing Counter	2	Each	110000.00	220000	2	Each	110000.00	220000	-2	Each	110000.00	-220000	0	0	0	220000	P-4
HT Panels												12025000					
Electric Room												1500000					
Wop den charges												220000	0	0	0	220000	
Net Total (A+B+C+D+E+F+G+H+I+J+K+L+M+N+O)				47961282				47961282				14676252	0	62637534	14676252	0	
Add 3% Congtingency				1438836				1438838				440288	0	1864862	440288	0	
Add 5% PST				2398060				2398064				733813	0	3131877	733813	0	
Add Price Variation 10% on Rs.47961200/-				0				0				4796128	0	4796128	4796128	0	
G.Total				51798178				51798184				20646480	0	7144664	20646480	0	
Say				51798200				51798200				20646500	0	7144760	20646500	0	
Or(Million)				51.798				51.798				20.647	0	72.445	20.647		

~~19668676~~ (m)
~~52.107~~
 48.311(M)
~~71.467~~ (m)
~~106.905~~
 100.609(M)

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Revamping of Gaynae Block (Ground Floor)

1. Dismantling encastic or glazed tile etc complete

Toilet	1	x	7	x	9 7/8	69	Sft
	1	x	7	x	9 1/2	67	Sft
	1	x	9 1/2	x	13 3/8	127	Sft
	2	x	4 1/2	x	4 1/2	41	Sft
	1	x	5	x	5	25	Sft
	1	x	5	x	4	20	Sft
	1	x	9 7/8	x	8 7/8	88	Sft
	1	x	4	x	5 1/8	21	Sft
	1	x	5 1/2	x	5 1/8	28	Sft
	1	x	9 3/4	x	4 1/2	44	Sft
New bath	1	x	4	x	9 1/4	37	Sft
	1	x	4	x	10	40	Sft
	2	x	7	x	7	98	Sft
	2	x	9 7/8	x	7	138	Sft
	2	x	7	x	7	98	Sft
	2	x	9 1/2	x	7	133	Sft
	2	x	9 1/2	x	7	133	Sft
	2	x	13 3/8	x	7	187	Sft
2x2	4	x	4 1/2	x	7	126	Sft
2x2	4	x	4 1/2	x	7	126	Sft
	2	x	5	x	7	70	Sft
	2	x	5	x	7	70	Sft
	2	x	5	x	7	70	Sft
	2	x	4	x	7	56	Sft
	2	x	9 7/8	x	7	138	Sft
	2	x	8 7/8	x	7	124	Sft
	2	x	4	x	7	56	Sft
	2	x	5 1/8	x	7	72	Sft
	2	x	9 3/4	x	7	137	Sft
	2	x	4 1/2	x	7	63	Sft
Emergency ward	1	x	18 1/2	x	19 3/4	365	Sft
Labour room lobby	1	x	12 7/8	x	8 1/8	105	Sft
Satilization	1	x	10 3/8	x	11 1/4	117	Sft
Secrub	1	x	8 3/4	x	11 1/4	98	Sft
Gyn	1	x	9 1/2	x	19 3/4	188	Sft

Total 3373 Sft
@ Rs. 1932.50 %Sft 65191

2. Dismantling P.C.C 1:2:4 complete.

Toilet	1	x	7	x	9 7/8	x	1/8	9	Cft
	1	x	7	x	9 1/2	x	1/8	8	Cft
	1	x	9 1/2	x	13 3/8	x	1/8	16	Cft
	2	x	4 1/2	x	4 1/2	x	1/8	5	Cft
	1	x	5	x	5	x	1/8	3	Cft
	1	x	5	x	4	x	1/8	3	Cft
	1	x	9 7/8	x	8 7/8	x	1/8	11	Cft
	1	x	4	x	5 1/8	x	1/8	3	Cft
	1	x	5 1/2	x	5 1/8	x	1/8	4	Cft
	1	x	9 3/4	x	4 1/2	x	1/8	5	Cft
Labour room	1	x	19 1/2	x	19 3/4	x	1/8	48	Cft
Emergency ward	1	x	18 1/2	x	19 3/4	x	1/8	46	Cft
Labour room lobby	1	x	12 7/8	x	8 1/8	x	1/8	13	Cft
Satilization	1	x	10 3/8	x	11 1/4	x	1/8	15	Cft
Secrub	1	x	8 3/4	x	11 1/4	x	1/8	12	Cft
Gyn	1	x	9 1/2	x	19 3/4	x	1/8	23	Cft

Total 223 Cft
@ Rs. 9060.50 %Cft 20231

3 Dismantling cement concrete with brick aggregate.

Toilet	1	x	7	x	9 7/8	x	1/4	17	Cft
	1	x	7	x	9 1/2	x	1/4	17	Cft
	1	x	9 1/2	x	13 3/8	x	1/4	32	Cft
	2	x	4 1/2	x	4 1/2	x	1/4	10	Cft
	1	x	5	x	5	x	1/4	6	Cft
	1	x	5	x	4	x	1/4	5	Cft
	1	x	9 7/8	x	8 7/8	x	1/4	22	Cft
	1	x	4	x	5 1/8	x	1/4	5	Cft
	1	x	5 1/2	x	5 1/8	x	1/4	7	Cft
	1	x	9 3/4	x	4 1/2	x	1/4	11	Cft
New bath	1	x	4	x	9 1/4	x	1/4	9	Cft
	1	x	4	x	10	x	1/4	10	Cft
Emergency ward	1	x	18 1/2	x	19 3/4	x	1/4	91	Cft
Labour room lobby	1	x	12 7/8	x	8 1/8	x	1/4	26	Cft
Sanitization	1	x	10 3/8	x	11 1/4	x	1/4	29	Cft
Secrub	1	x	8 3/4	x	11 1/4	x	1/4	25	Cft
Gyn	1	x	9 1/2	x	19 3/4	x	1/4	47	Cft
Total								370	Cft

@ Rs. 2471.05 %Cft 9131

4 P/L dry rammed brick ballast 1 1/2" to 2" gauge.

Take Qty item No.3

@ Rs. 370 Cft 5794.80 %Cft 21414

5 P/L P.C.C 1:2:4 complete i/c lead 210-Km

Take Qty item No.2

@ Total Rs. 223 Cft 35597.21 %Cft 79483

6 Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. 10"x13" size

Toilet	1	x	7	x	9 7/8	69	Sft
	1	x	7	x	9 1/2	67	Sft
	1	x	9 1/2	x	13 3/8	127	Sft
	2	x	4 1/2	x	4 1/2	41	Sft
	1	x	5	x	5	25	Sft
	1	x	5	x	4	20	Sft
	1	x	9 7/8	x	8 7/8	88	Sft
	1	x	4	x	5 1/8	21	Sft
	1	x	5 1/2	x	5 1/8	28	Sft
	1	x	9 3/4	x	4 1/2	44	Sft
New bath	1	x	4	x	9 1/4	37	Sft
	1	x	4	x	10	40	Sft
D cill	11	x	2 1/2	x	3/4	21	Sft
Total						626	Sft

@ Rs. 179.80 P Sft 112558

7 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. 10"x13" size dado / skirting

2	x	7	x	8	112	Sft
2	x	9 7/8	x	8	158	Sft
2	x	7	x	8	112	Sft
2	x	9 1/2	x	8	152	Sft

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	2 x 9 1/2 x 8	152	Sft
	2 x 13 3/8 x 8	214	Sft
2x2	4 x 4 1/2 x 8	144	Sft
2x2	4 x 4 1/2 x 8	144	Sft
	2 x 5 x 8	80	Sft
	2 x 5 x 8	80	Sft
	2 x 5 x 8	80	Sft
	2 x 4 x 8	64	Sft
	2 x 9 7/8 x 8	158	Sft
	2 x 8 7/8 x 8	142	Sft
	2 x 4 x 8	64	Sft
	2 x 5 1/8 x 8	82	Sft
	2 x 9 3/4 x 8	156	Sft
New bath	2 x 4 1/2 x 8	72	Sft
	2 x 4 x 8	64	Sft
	2 x 9 1/4 x 8	148	Sft
	2 x 4 x 8	64	Sft
D jambs 11x2	22 x 3/4 x 7	160	Sft
		116	Sft
Deduction D1	11 x 2 1/2 x 7		
Net	2718 - 193		

Total 2718 Sft
193 Sft
Total 193 Sft
2525 Sft
Rs. 186.75 P Sft 471544

8 Providing and laying superb quality Porcelain glazed tiles floor in gof 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 (400mmx400mm fully body glazed tile) (For Floor).

Emergency ward	1 x 18 1/2 x 19 3/4	365	Sft
Labour room lobby	1 x 12 7/8 x 8 1/8	105	Sft
Satilization	1 x 10 3/8 x 11 1/4	117	Sft
Secrub	1 x 8 3/4 x 11 1/4	98	Sft
Gyn	1 x 9 1/2 x 19 3/4	188	Sft
D cill	5 x 3 1/2 x 3/4	13	Sft
		886	Sft

Total 886 Sft
Rs. 260.75 P Sft 230996

9 Providing and laying superb quality Porcelain glazed tiles floor in gof 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 (400mmx400mm fully body glazed tile) (For Floor).

Labour room lobby	2 x 12 7/8 x 4	103	Sft
	2 x 8 1/8 x 4	65	Sft
Satilization	2 x 10 3/8 x 4	83	Sft
	2 x 11 1/4 x 4	90	Sft
Secrub	2 x 10 3/8 x 4	83	Sft
	2 x 11 1/4 x 4	90	Sft
Labour room	2 x 19 1/2 x 3 1/2	137	Sft
	2 x 19 3/4 x 3 1/2	138	Sft
Store room	2 x 15 1/4 x 4	122	Sft
	2 x 9 1/4 x 4	74	Sft
Ramp coloumin	15 x 3 3/8 x 4	203	Sft
D jambs 5x2	10 x 3/4 x 4	30	Sft
		1217	Sft

Total 1217 Sft
Rs. 260.75 P Sft 317398

35

10 Removing of door with chowkat.

11+3

14 Nos.

@ Rs. 362.35 Each 5073

11 Provide and fix 2'-6" x 7'-0" Delux U-PVC Super Q-Box door with U-PVC Door Frame/Threshold (Duroframe KB1) including latch lock as approved by the Engineer Incharge complete in all respect as per drawing and manufacturer sample approved.

2 x 2 1/2 x 7

35 Sft

Total 35 Sft

@ Rs. 850.00 P Sft 29750

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

5 x 3 x 7
4 x 3 x 7

105 Sft
84 Sft

Total 189 Sft

@ Rs. 756.50 P Sft 142979

13 Making and Fixing heavy duty aluminum glazed door partly fixed and partly openable consisting of 12MM thick imported glass with door hinged automatic machine i/c handle and other hardware complete in all respect as approved by the engineer incharge.

Gaypac

3 x 5 x 7

105 Sft

Total 105 Sft

@ Rs. 3241.00 P Sft 340305

14 P/F M.S angle iron chowkat 1-1/2"x1-1/2"x1/4" welded with M.S flat 2"x1/4" complete.

2 x 2 1/2 x 7

35 Sft

Total 35 Sft

@ Rs. 337.60 P Sft 11816

15 P/F 1 1/2" thick solid flush door shutter sterling or equivalent with commercial ply on both sides double pressed and deodar wood lipping 1 1/2"x3/8" around shutter i/c chromium plated fitting, iron hinges with aluminum kick plate 22SWG on both sides & finger plate complete in all respect.

2 x 2 1/4 x 6 7/8

31 Sft

Total 31 Sft

@ Rs. 453.75 P Sft 14038

16 Emulsion paint one coat on old surface (Roof).

Room 1+2	2	x	20	x	20
Room 3+4	2	x	25	x	20
Wash 1+2	2	x	15	x	9
Wash 3+4	2	x	10	x	6
Room 5+6	2	x	15	x	20
Room 7+8	2	x	16	x	20
Kit	2	x	20	x	14
Corridor	1	x	9	x	110
	1	x	30	x	22
Stair	1	x	24	x	18
Flight	1	x	32	x	4 1/2

800 Sft
1000 Sft
270 Sft
120 Sft
600 Sft
640 Sft
560 Sft
990 Sft
660 Sft
432 Sft
144 Sft

Total 6216 Sft

@ Rs. 1010.75 %Sft 62828

17 Emulsion paint on old surface.

Room 1+2 2x4	8	x	20	x	7				
Room 3	2	x	25	x	7				
Room 4	2	x	20	x	7				
Wash 1	2	x	25	x	7				
Wash 2	2	x	20	x	7				
Wash 3	2	x	15	x	4				
Wash 4	2	x	9	x	4				
Room 5	2	x	15	x	4				
Room 6	2	x	10	x	4				
Room 7	2	x	6	x	4				
Room 8	2	x	10	x	4				
Kit 2x2	2	x	6	x	4				
2x2	2	x	15	x	7				
Corridor	2	x	20	x	7				
Stair	2	x	15	x	7				
Flight	2	x	20	x	7				
	2	x	16	x	7				
	2	x	20	x	7				
	2	x	16	x	7				
	2	x	20	x	7				
	4	x	20	x	7				
	4	x	14	x	7				
	2	x	9	x	7				
	2	x	110	x	7				
	4	x	32	x	7				
	2	x	38	x	22				
	2	x	16	x	11				
	2	x	28	x	18				
	1	x	20	x	9				
i 60% one coat									
ii 40% two coat after scraping									
18. Painting to doors & windows 2-coat on old surface (Colour change).									
Door 15x2	30	x	4	x	7				
W/R 6x2	12	x	2 3/4	x	7				
Window	25	x	4	x	6				
Ventilators	6	x	2 1/2	x	3 1/2				
19 Providing and laying 3/4" thick full width Prepolished Marbles for Vanities/Shelves/Treads/Window Cills, having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortar of the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge. China Verona									
Step	60	x	5	x	1 1/2				
20 Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortar bed, complete in all respects as approved and directed by the Engineer Incharge. 3/4" thick									
Lift									
Main Ent. step	1	x	9 3/4	x	7 1/2				
Deduction D	5	x	21 1/4	x	1 1/2				
	1	x	2 1/2	x	6 1/2				

			1120	Sft	
			350	Sft	
			280	Sft	
			350	Sft	
			280	Sft	
			120	Sft	
			72	Sft	
			120	Sft	
			72	Sft	
			80	Sft	
			48	Sft	
			80	Sft	
			48	Sft	
			210	Sft	
			280	Sft	
			210	Sft	
			280	Sft	
			224	Sft	
			280	Sft	
			224	Sft	
			280	Sft	
			560	Sft	
			392	Sft	
			126	Sft	
			1540	Sft	
			896	Sft	
			1672	Sft	
			352	Sft	
			1008	Sft	
			180	Sft	
Total			11734	Sft	
			7040	Sft	
Rs.			1010.75	%Sft	71161
			4694	Sft	
Rs.			1388.95	%Sft	65192
			840	Sft	
			231	Sft	
			600	Sft	
			53	Sft	
Total			1724	Sft	
Rs.			1346.60	%Sft	23209
			450	Sft	
Total			450	Sft	
Rs.			369.40	P Sft	166230
			73	Sft	
			159	Sft	
Total			233	Sft	
			16	Sft	
Net			216	Sft	
Rs.					Page 120

21 Pacca brick work 1:4 in cement sand mortar G/F

New bath

1 x 9 1/4 x 3/8 x 11
1 x 10 x 3/8 x 11

38 Cft
41 Cft
79 Cft

Total Rs. 27549.75 %Cft 21876

22 1/2" thick cement plaster 1:4

2 x 9 1/4 x 11
2 x 10 x 11

204 Sft
220 Sft

Total Rs. 424 Sft
2595.85 %Sft 10993

Total Rs. 2389937
Say Rs. 2389900

@
T. S. Pandey

Sub Divisional Officer
Buildings Sub Division
Kasur

Revamping of Gaynae Block (1st Floor)

1 Dismantling encastic or glazed tile etc complete

W/R

Walls

Operation theater F/F

Dr room F/F

Sterilized room F/F

Vanity room F/F

Deduction D

1 x 5	x 10 3/8		
1 x 5	x 9	52	Sft
1 x 19 3/4	x 4	45	Sft
1 x 9 7/8	x 7 1/8	79	Sft
2 x 5	x 7	70	Sft
2 x 10 3/8	x 7	70	Sft
2 x 5	x 7	145	Sft
2 x 9	x 7	70	Sft
2 x 19 3/4	x 7	126	Sft
2 x 4	x 7	277	Sft
2 x 9 7/8	x 7	56	Sft
2 x 7 1/8	x 7	138	Sft
1 x 29 3/4	x 19 3/4	100	Sft
1 x 19 3/4	x 9 3/4	588	Sft
1 x 9 7/8	x 12 1/4	193	Sft
1 x 11	x 9	121	Sft
2 x 29 3/4	x 5	99	Sft
2 x 19 3/4	x 5	298	Sft
2 x 19 3/4	x 5	198	Sft
2 x 9 3/4	x 5	198	Sft
2 x 9 7/8	x 5	98	Sft
2 x 12 1/4	x 5	99	Sft
2 x 11	x 5	123	Sft
2 x 9	x 5	110	Sft
		90	Sft
4 x 2 1/4	x 7	Total	3439 Sft

Total

3439 Sft

Net

Rs.

3376 Sft

1932.50

%Sft

65248

2 Dismantling P.C.C 1:2:4 complete.

W/R

Operation theater F/F

Dr room F/F

Sterilized room F/F

Vanity room F/F

1 x 5	x 10 3/8	x 1/6
1 x 5	x 9	x 1/6
1 x 19 3/4	x 4	x 1/6
1 x 9 7/8	x 7 1/8	x 1/6
1 x 29 3/4	x 19 3/4	x 1/6
1 x 19 3/4	x 9 3/4	x 1/6
1 x 9 7/8	x 12 1/4	x 1/6
1 x 11	x 9	x 1/6

@

Total

Rs.

208 Sft

9060.50

%Sft

18821

3 Dismantling cement concrete with brick aggregate.

W/R

Operation theater F/F

Dr room F/F

Sterilized room F/F

Vanity room F/F

1 x 5	x 10 3/8	x 1/3
1 x 5	x 9	x 1/3
1 x 19 3/4	x 4	x 1/3
1 x 9 7/8	x 7 1/8	x 1/3
1 x 29 3/4	x 19 3/4	x 1/3
1 x 19 3/4	x 9 3/4	x 1/3
1 x 9 7/8	x 12 1/4	x 1/3
1 x 11	x 9	x 1/3

@

Total

Rs.

415 Cft

2471.05

%Cft

10256

4 P/L dry rammed brick ballast 1 1/2" to 2" gauge.

Take Qty item No.3

5 P/L P.C.C 1:2:4 complete i/c lead 210-Km

Take Qty item No.2

@

@

@

Total

Rs.

208 Cft

35597.21

%Cft

739424

- 6 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 / c the cost of sealer for finishing the joints / c cutting grinding complete in all respects as approved and directed by the Engineer Incharge. 10"x13" size

W/R	1	x	5	x	10 3/8	52	Sft
	1	x	5	x	9	45	Sft
	1	x	19 3/4	x	4	79	Sft
	1	x	9 7/8	x	7 1/8	70	Sft
D cill	4	x	2 1/2	x	3/4	8	Sft
Total						254	Sft
@ Rs.						179.80	P Sft 45621

- 7 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 / c the cost of sealer for finishing the joints / c cutting grinding complete in all respects as approved and directed by the Engineer Incharge. 10"x13" size

Walls	2	x	5	x	7	70	Sft
	2	x	10 3/8	x	7	145	Sft
	2	x	5	x	7	70	Sft
	2	x	9	x	7	126	Sft
	2	x	19 3/4	x	7	277	Sft
	2	x	4	x	7	56	Sft
	2	x	9 7/8	x	7	138	Sft
	2	x	7 1/8	x	7	100	Sft
D jamb 4x2	8	x	3/4	x	7	42	Sft
Total						1024	Sft
Net						63	Sft
@ Rs.						186.75	P Sft 179420

- 8 Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4" thick (1:3) cement plaster / c the cost of sealer for finishing the joints / c cutting grinding complete in all respect as approved and directed by the Engineer Incharge (400mmx400mm fully body glazed tile) (For Floor).

Operation theater F/F	1	x	29 3/4	x	19 3/4	588	Sft
Dr room F/F	1	x	19 3/4	x	9 3/4	193	Sft
Sterilized room F/F	1	x	9 7/8	x	12 1/4	121	Sft
Vanity room F/F	1	x	11	x	9	99	Sft
Total						1000	Sft
@ Rs.						260.75	P Sft 260774

- 9 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 / c the cost of sealer for finishing the joints / c cutting grinding complete in all respect as approved and directed by the Engineer Incharge (400mmx400mm fully body glazed tile) (For Floor).

Operation theater F/F	2	x	29 3/4	x	7	417	Sft
	2	x	19 3/4	x	7	277	Sft
Dr room F/F	2	x	19 3/4	x	7	277	Sft
	2	x	9 3/4	x	7	137	Sft
Sterilized room F/F	2	x	9 7/8	x	7	138	Sft
	2	x	12 1/4	x	7	172	Sft
Vanity room F/F	2	x	11	x	4	88	Sft

2 x 9 x 4

40

10 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. 1 1/2" deep without back

Operation theater: F/F

1 x 15 x 2 1/2

Total Rs. 72 Sft 1576 Sft 260.75 P Sft 410877

11 Pacca brick work 1:4 in cement sand mortar F/F

Kit cabin

6 x 2 x 3/8 x 2 1/2

Total Rs. 38 Sft 38 Sft 907.35 P Sft 34026

12 1/2" thick cement plaster 1:4

Kit cabin 6x2

12 x 2 x 2 1/2

6 x 3/8 x 2 1/2

Total Rs. 11 Cft 11 Cft 28650.65 %Cft 3223

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

Kit cab

1 x 12 x 2
1 x 3 x 2

Total Rs. 60 Sft 6 Sft 66 Sft 2595.85 %Sft 1704

14 Emulsion paint one coat on old surface (Roof).

Room 1+2	2	x	20	x	20
Room 3+4	2	x	25	x	20
Wash room 1+2	2	x	15	x	9
Wash room 3+4	2	x	10	x	6
Rooms 6	2	x	15	x	20
Room 7+8	2	x	16	x	20
Kit	2	x	20	x	14
Corridor	1	x	9	x	110
Stair	1	x	32	x	28
Front	1	x	28	x	18
	1	x	48	x	4 1/2

Total Rs. 24 Sft 6 Sft 30 Sft 369.40 P Sft 11082

15 Emulsion paint on old surface.

Room 1+2 2x4	8	x	20	x	7
Room 3+4	2	x	25	x	7
	2	x	20	x	7
Room 4	2	x	25	x	7
	2	x	20	x	7
W/R 1	2	x	15	x	4
	2	x	9	x	4
W/R 2	2	x	15	x	4
	2	x	9	x	4
W/R 3	2	x	10	x	4
	2	x	6	x	4
W/R 4	2	x	10	x	4
	2	x	6	x	4
Room 5	2	x	15	x	7

Total Rs. 6596 Sft 1010.75 %Sft 66669

41

Room 6	2	x	20	x	7	280	Sft	
	2	x	15	x	7	210	Sft	
Room 7	2	x	20	x	7	280	Sft	
	2	x	16	x	7	224	Sft	
Room 8	2	x	20	x	7	280	Sft	
	2	x	16	x	7	224	Sft	
Kit	2	x	20	x	7	280	Sft	
	4	x	20	x	7	560	Sft	
Corridor	4	x	14	x	7	392	Sft	
	2	x	9	x	7	126	Sft	
	2	x	110	x	7	1540	Sft	
	4	x	32	x	7	896	Sft	
Stair	4	x	28	x	7	784	Sft	
	2	x	38	x	22	1672	Sft	
Flight	2	x	28	x	20	1120	Sft	
	2	x	48	x	18	1728	Sft	
	2	x	20	x	18	720	Sft	
i 60% one coat	14546	x	60%	Total	14546	Sft		
ii 40% two coat after scraping	14546	x	40%	@ Rs.	8728	Sft		
					1010.75	%Sft	88214	
16 Removing of door with chowkat.				@ Rs.	5818	Sft		
4+1+11	16	Nos.			1388.95	%Sft	80815	
17 P/F 2'-6" x 7' delux U PVC super Q-Box door with U PVC door frame / threshold (Duroframe KB1) including latch lock as approved by the engineer incharge complete in all respect as per drawing and amnufacturer sample approved.				@ Rs.	362.35	Each	5798	
	4	x	2 1/2	x	7	70	Sft	
				Total	70	Sft		
18 Providing and fixing all types of partly fixed and partly openable glazed anodised bronze colour aluminium doors, 2mm thick section, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 mm x 100 mm (1 1/2" x 4") and leaf frame of 60x40mm (2 1/2"x1 1/2") wide sections including the cost of 1/4" (5 mm) thick imported tinted glass with aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc., and hardware any required as approved by the engineer in-charge.				@ Rs.	850.00	P Sft	59500	
OT	2	x	5	x	7	70	Sft	
	2	x	5	x	8 1/2	85	Sft	
Ward	2	x	5	x	7	70	Sft	
	5	x	3	x	7	105	Sft	
				Total	330	Sft		
19 Making and Fixing heavy duty aluminum glazed door partly fixed and partly openable consisting of 12MM thick imported glass with door hinged automatic machine i/c handle and other hardware complete in all respect as approved by the engineer incharge.				@ Rs.	756.50	P Sft	249645	
	1	x	5	x	7	35	Sft	
				Total	35	Sft		
				@ Rs.	3241.00	P Sft	113435	

42

20 Painting to doors & windows 2-coat on old surface (Colour change).

Door 8x2	16	x	3 1/2	x	7	392	Sft
W/R 3x2	6	x	2 1/2	x	7	105	Sft
Window	26	x	4	x	6	624	Sft
Ventilators	8	x	2 1/2	x	3 1/2	70	Sft


Total 1191 Sft
Rs. 1346.60 %Sft 16038

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

Lift	1	x	9 3/4	x	7 1/2	73	Sft
Deduction D	1	x	2 1/2	x	6 1/2	16	Sft

Net 57 Sft
Rs. 841.45 P Sft 47857

Total Rs. 1867015
Say Rs. 1867000


Sub Divisional Officer
Buildings Sub Division
Kasur

Supply and installation of Clip-in tile of specified thickness non-porous Aluminium false ceiling of specified size fitted with 'Clip-in' suspension system hanged on Concealed T/Shiplap edge/runners @ 600 mmX600 mm grid, Edge Trims fasten on wall with plug and screw @ 500 mm c/c i/c cutting charges of tiles to required size, suspension rods and joints sealed with silicon if required of DAMPA/Demark as approved and directed by the Engineer Incharge.	Room ① 29'9" x 19'
(b) Bevelled edges & flange 21.5 mm	Room ② 20'6" x 29'9"
(iii) 600 mmX 600 mm	
Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) of specified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer Incharge.	Room ① 29'9" x 19' =
	Room ② 20'6" x 29'9" =
Supply and installation premium graded/scratch-resistant Hygienic anti-microbial Pvc wall cladding of specified thickness duly thermoplastic welded conforming to (ISO:22196) and pasted over 12mm thick gypsum board with adhesive/solvent fixed over 14-SWG G.I Channael of size 3.5"X 2"X3.5" duly screwed on wall i/c the cost of hardwares as approved and directed by the Engineer In-charge	Room ① = 2x 29'9" x 12 = 714
(b) 2.5mm thick	Room ② = 2x 20'6" x 12 = 492

Qty Rate
565.25 800
609.875 800
Amount = 940,100

565.25 1700
609.875 1700
Amount = 1997713

Room ① = 2x 29'9" x 12 = 714
Room ② = 2x 20'6" x 12 = 492
Room ② = 2x 29'9" x 12 = 714
Total wall Antimicrobial = 2376 at 3000
Amount = 7128000

Total Amount = 10,065,813

43

Revamping of Gaynae Block (2nd Floor)

1 Dismantling encastic or glazed tile etc complete									
W/R	2	x	9 3/8	x	4 1/2			84	Sft
	4	x	4 1/2	x	5			90	Sft
Lav	2	x	9 1/4	x	4 1/2			83	Sft
Walls 2x2	2	x	9 3/8	x	14 7/8			279	Sft
2x2	4	x	9 3/8	x	5			188	Sft
4x2	4	x	4 1/2	x	5			90	Sft
4x2	8	x	4 1/2	x	5			180	Sft
2x2	8	x	5	x	5			200	Sft
2x2	4	x	9 1/4	x	5			185	Sft
Lav 2x2	4	x	4 1/2	x	5			90	Sft
2x2	4	x	9 3/8	x	5			188	Sft
Nursing counter	4	x	14 7/8	x	5			298	Sft
	1	x	8	x	4			32	Sft
	1	x	10	x	4			40	Sft
Jams 10x2	1	x	6	x	4			24	Sft
	20	x	3/4	x	5			75	Sft
Deduction D	10	x	2 1/2	x	5				
Net	2125				125				
							Total	2125	Sft
								125	Sft
							Total	125	Sft
								2000	Sft
							Rs.	1932.50	%Sft 38650
2 Dismantling P.C.C 1:2:4 complete.									
W/R	2	x	9 3/8	x	4 1/2	x	1/6	14	Cft
	4	x	4 1/2	x	5	x	1/6	15	Cft
Lav	2	x	9 1/4	x	4 1/2	x	1/6	14	Cft
	2	x	9 3/8	x	14 7/8	x	1/6	46	Cft
							Total	89	Cft
							Rs.	9060.50	%Cft 8102
3 Dismantling cement concrete with brick aggregate.									
W/R	2	x	9 3/8	x	4 1/2	x	1/3	28	Cft
	4	x	4 1/2	x	5	x	1/3	30	Cft
Lav	2	x	9 1/4	x	4 1/2	x	1/3	28	Cft
	2	x	9 3/8	x	14 7/8	x	1/3	93	Cft
							Total	179	Cft
							Rs.	2471.05	%Cft 4415
4 P/L dry rammed brick ballast 1 1/2" to 2" gauge.									
Take Qty item No.3									
5 P/L P.C.C 1:2:4 complete i/c lead 210-Km									
Take Qty item No.2									
							Rs.	5794.80	%Cft 10353
							Total	89	Cft
							Rs.	35597.21	%Cft 31832
6 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) cements and plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. 10"x13" size									
W/R	2	x	9 3/8	x	4 1/2			84	Sft
	4	x	4 1/2	x	5			90	Sft
Lav	2	x	9 1/4	x	4 1/2			83	Sft
D cill	2	x	9 3/8	x	14 7/8			279	Sft
	10	x	2 1/2	x	3/4			19	Sft
							Total	555	Sft
							Rs.	179.80	P Sft 99840

44

Total	2186	Sft	
	175	Sft	
Total	175	Sft	
	2011	Sft	
Rs.	186.75	P Sft	375554
Rs.	362.35	Each	5073

@	Rs.	186.75	Sft	375554
@	Rs.	362.35	Each	5073

14 Nos.

@ Rs. 362.35 Each 5073

$$4 \times 5 \times 7$$

	140	Sft	
Total	140	Sft	
(a) Rs.	3241.00	P Sft	453740

Total	7156	Sft	
Rs.	1010.75	%Sft	72329

Rs.	1010.75	%Sft	72329
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Room 5	2	x	15	x	7	210	Sft	
	2	x	20	x	7	280	Sft	
Room 6	2	x	15	x	7	210	Sft	
	2	x	20	x	7	280	Sft	
Room 7	2	x	16	x	7	224	Sft	
	2	x	20	x	7	280	Sft	
Room 8	2	x	16	x	7	224	Sft	
	2	x	20	x	7	280	Sft	
Kit	4	x	20	x	7	560	Sft	
	4	x	14	x	7	392	Sft	
Corridor	2	x	9	x	7	126	Sft	
	2	x	110	x	7	1540	Sft	
	4	x	32	x	7	896	Sft	
	4	x	28	x	7	784	Sft	
Stair	2	x	38	x	22	1672	Sft	
	2	x	28	x	20	1120	Sft	
Flight	2	x	48	x	18	1728	Sft	
	2	x	20	x	18	720	Sft	
						Total	14546	Sft
i 60% one coat	14546	x	60%				8728	Sft
ii 40% two coat after scraping	14546	x	40%			Rs.	1010.75	%Sft 88214
							5818	Sft
						Rs.	1388.95	%Sft 80815
12 Painting to doors & windows 2-coat on old surface (Colour change).								
Door 6x2	12	x	3 1/2	x	7	294	Sft	
W/R 6x2	12	x	2 1/2	x	7	210	Sft	
Window	25	x	4	x	6	600	Sft	
Ventilators	4	x	2 1/2	x	3 1/2	35	Sft	
						Total	1139	Sft
						Rs.	1346.60	%Sft 15338
13 Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bon dover 3/4" thick (1:2) cements and mortar bed, complete in all respects as approved and directed by the Engineer Incharge. 3/4" thick								
Lift	1	x	9 3/4	x	7 1/2	73	Sft	
Deduction D	1	x	2 1/2	x	6 1/2	16	Sft	
						Net	57	Sft
						Rs.	841.45	P Sft 47857
14 Cement pointing flush on flooring 1:2 etc complete								
Gyne block 2nd Floor	1	x	145	x	59	8555	Sft	
	1	x	15	x	18	270	Sft	
						Total	8825	Sft
						Rs.	2058.70	%Sft 181680
15. Providing and fixing all types of partly fixed and partly openable glazed anodised bronze colour aluminium doors, 2mm thick section, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 mm x 100 mm (1 1/2" x 4") and leaf frame of 60x40mm (2 1/2" x 1 1/2") wide sections including the cost of 1/4" (5 mm) thick imported tinted 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.								
	6	x	3	x	7	126	Sft	
						Total	126	Sft
						Rs.	756.50	P Sft 95319



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Y16

P/F 2'-6" x 7' delux U PVC super Q-Box door with U PVC door frame / threshold (Duroframe KBI) including latch lock as approved by the engineer incharge complete in all respect as per drawing and amnufacturer sample approved.

4 x 2 1/2 x 7

@	Total	70	Sft	
	Rs.	70	Sft	
		850.00	P Sft	59500
	Total Rs.			1668611
	Say Rs.			1668600

 Sub Divisional Officer
Buildings Sub Division
Kasur 

47

COST OF OLD MATERIAL (Gaynae)

1	Doors	10	Nos.	@	2000.00 Each	20000
2	Doors (Baths)	10	Nos.	@	1500.00 Each	15000
	2+4+4					
Total						35000

COST OF OLD MATERIAL (Cardiology)

1	Doors	3	Nos.	@	2000.00 Each	6000
2	Doors (Baths)	9	Nos.	@	1500.00 Each	13500
	6+3					
3	Window (Unserviceable)	3	Nos.	@	2000.00 Each	6000
Total						25500

G. Subramani



Sub Divisional Officer
Buildings Sub Division
Kasur

48

REVAMPING OF CARDIOLOGY BLOCK IN D.H.Q HOSPITAL, KASUR.

GENERAL ABSTRACT OF COST

Sr. No.	Discription		Amount
1	Revamping of Cardiology G/Floor	Rs.	1,543,200
2	Revamping of Cardiology 1st Floor	Rs.	1,173,000
3	Revamping of Dialysis Unit 1st Floor	Rs.	466,900
	Total	Rs.	3,183,100
	D/d Cost of Old material	Rs.	25,500
	Net Total	Rs.	3,157,600


Sub Divisional Officer
Buildings Sub Division
Kasur 

Revamping of Cardiology Block (Ground Floor)

1 Dismantling encastic or glazed tile etc complete

Floor wash room

1 x 4 7/8 x 4 7/8

24 Sft

1 x 7 3/4 x 4

31 Sft

1 x 6 x 4 3/4

29 Sft

1 x 8 1/2 x 4 3/4

40 Sft

1 x 6 1/4 x 5

31 Sft

1 x 16 x 12

192 Sft

1 x 3 1/2 x 5

18 Sft

Walls

2 x 6 x 6

72 Sft

2 x 4 7/8 x 4

39 Sft

2 x 4 7/8 x 4

39 Sft

2 x 7 3/4 x 4

62 Sft

2 x 4 x 4

32 Sft

2 x 6 x 4

48 Sft

2 x 4 3/4 x 4

38 Sft

2 x 8 1/2 x 4

68 Sft

2 x 4 3/4 x 4

38 Sft

2 x 6 1/4 x 4

50 Sft

2 x 5 x 4

40 Sft

2 x 16 x 4

128 Sft

2 x 12 x 4

96 Sft

2 x 3 1/2 x 4

28 Sft

2 x 5 x 4

40 Sft

2x2

4 x 6 x 4

96 Sft

2x2

4 x 6 x 4

96 Sft

Total 1374 Sft

@ Rs. 1932.50 %Sft 26560

2 Dismantling P.C.C 1:2:4 complete.

Floor wash room

1 x 4 7/8 x 4 7/8 x 1/6

4 Cft

1 x 7 3/4 x 4 x 1/6

5 Cft

1 x 6 x 4 3/4 x 1/6

5 Cft

1 x 8 1/2 x 4 3/4 x 1/6

7 Cft

1 x 6 1/4 x 5 x 1/6

5 Cft

1 x 16 x 12 x 1/6

32 Cft

1 x 3 1/2 x 5 x 1/6

3 Cft

2 x 6 x 6 x 1/6

12 Cft

Total 73 Cft

@ Rs. 9060.50 %Cft 6590

3 Dismantling cement concrete with brick aggregate.

Floor wash room

1 x 4 7/8 x 4 7/8 x 1/4

6 Cft

1 x 7 3/4 x 4 x 1/4

8 Cft

1 x 6 x 4 3/4 x 1/4

7 Cft

1 x 8 1/2 x 4 3/4 x 1/4

10 Cft

1 x 6 1/4 x 5 x 1/4

8 Cft

1 x 16 x 12 x 1/4

48 Cft

1 x 3 1/2 x 5 x 1/4

4 Cft

2 x 6 x 6 x 1/4

18 Cft

Total 109 Cft

@ Rs. 2471.05 %Cft 2696

4 P/L dry rammed brick ballast 1 1/2" to 2" gauge.

Take Qty item No.3

@ Rs. 109 Cft

5 P/L P.C.C 1:2:4 complete i/c lead 210-Km

Take Qty item No.2

@ Rs. 5794.80 %Cft 6322

Total 73 Cft

@ Rs. 35597.21 %Cft 25890

6 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 / or the cost of sealer for finishing the joints / or cutting grinding complete in all respects as approved and directed by the Engineer Incharge. 10"x13" size

Floor wash room	1 x 4 7/8	x 4 7/8	24	Sft
	1 x 7 3/4	x 4	31	Sft
	1 x 6	x 4 3/4	29	Sft
	1 x 8 1/2	x 4 3/4	40	Sft
	1 x 6 1/4	x 5	31	Sft
	1 x 16	x 12	192	Sft
	1 x 3 1/2	x 5	18	Sft
	2 x 6	x 6	72	Sft
D sill	9 x 2 1/2	x 3/4	17	Sft

Total 453 Sft
 @ Rs. 179.80 P Sft 81497

7 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 / or the cost of sealer for finishing the joints / or cutting grinding complete in all respects as approved and directed by the Engineer Incharge. 10"x13" size

Walls	2 x 4 7/8	x 8	78	Sft
	2 x 4 7/8	x 8	78	Sft
	2 x 7 3/4	x 8	124	Sft
	2 x 4	x 8	64	Sft
	2 x 6	x 8	96	Sft
	2 x 4 3/4	x 8	76	Sft
	2 x 8 1/2	x 8	136	Sft
	2 x 4 3/4	x 8	76	Sft
	2 x 6 1/4	x 8	100	Sft
	2 x 5	x 8	80	Sft
	2 x 16	x 8	256	Sft
	2 x 12	x 8	192	Sft
	2 x 3 1/2	x 8	56	Sft
	2 x 5	x 8	80	Sft
2x2	4 x 6	x 8	192	Sft
2x2	4 x 6	x 8	192	Sft
9x2	18 x 3/4	x 8	108	Sft
Deduction D	9 x 2 1/2	x 7	158	Sft

Total 1984 Sft
 Net 1827 Sft
 @ Rs. 186.75 P Sft 341099

8 Removing of door with chowkat.

6 Nos. @ Rs. 362.35 Each 2174

9 Removing of window with chowkat.

3 Nos. @ Rs. 283.15 Each 849

10 Providing and fixing all types of partly fixed and partly openable glazed anodised bronze colour aluminium doors, 2mm thick section, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 mm x 100 mm (1½" x 4") and leaf frame of 60x40mm (2½"x1½") wide sections including the cost of ¼" (5 mm) thick imported tinted glass with aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc., and hardware any required as approved by the engineer in-charge.

Main Ward.D	1	x	9	x	8 1/2
Ent D	2	x	5	x	7

	77	Sft	
	70	Sft	
Total	147	Sft	
@ Rs.	756.50	P Sft	110827

11 P/F 1 1/2" thick solid flush door shutter sterling or equivalent with commercial ply on both sides double pressed and deodar wood lipping 1 1/2"x3/8" around shutter i/c chromium plated fitting, iron hinges with aluminum kick plate 22SWG on both sides & finger plate complete in all respect.

1	x	5	x	7
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	35	Sft	
Total	35	Sft	
@ Rs.	453.75	P Sft	15881

12 P/F 2'-6" x7' delux U PVC super Q-Box door with U PVC door frame / threshold (Duroframe KB1) including latch lock as approved by the engineer incharge complete in all respect as per drawing and amnufacturer sample approved.

3	x	2 1/2	x	7
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	53	Sft	
Total	53	Sft	
@ Rs.	850.00	P Sft	44625

13 Providing and fitting all types of glazed aluminium windows of anodised bronze colour partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 100 x 20 mm (4"x¾") and leaf frame sections of 50 x 20 mm (2"x¾"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge.

3	x	6	x	4
---	---	---	---	---

	72	Sft	
Total	72	Sft	
@ Rs.	606.50	P Sft	43668

ii Providing and fixing Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour/ powdercoated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardware as approved and directed by the engineer incharge. complete in all respect.

3	x	3	x	4
---	---	---	---	---

	36	Sft	
Total	36	Sft	
@ Rs.	688.35	P Sft	24781

14 Emulsion paint one coat on old surface (Roof).

Room	1	x	12 7/8	x	12 1/2
Wash room.	1	x	4 7/8	x	4 7/8
Room	1	x	14	x	7
Room	1	x	12 1/2	x	12 1/2

161	Sft	
24	Sft	
98	Sft	
156	Sft	Page 150

Scrub	1	x	9 1/4	x	6 1/2	60	Sft
WC	4	x	5	x	3 1/2	70	Sft
Lobby	1	x	3 5/8	x	21 1/2	78	Sft
WC	1	x	5 3/8	x	8	43	Sft
D cill	8	x	2 1/2	x	3/4	15	Sft
Total						353	Sft

@ Rs. 179.80 P Sft 63481

7. 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 / the cost of sealer for finishing the joints / cutting grinding complete in all respects as approved and directed by the Engineer in charge. 10"x13" size

Walls Toilet 2x2	4	x	6	x	8	192	Sft
2x2	4	x	7 1/4	x	8	232	Sft
Scrub	2	x	9 1/4	x	8	148	Sft
	1	x	6 1/2	x	8	52	Sft
WC 4x2	8	x	5	x	8	320	Sft
4x2	8	x	3 1/2	x	8	224	Sft
Lobby	2	x	3 5/8	x	8	58	Sft
	2	x	21 1/2	x	8	344	Sft
WC	2	x	5 3/8	x	8	86	Sft
	2	x	8	x	8	128	Sft
D jamb 8x2	16	x	3/4	x	8	96	Sft
Total						1880	Sft
Deduction D1	1	x	2 1/2	x	7	18	Sft
D2	1	x	2 1/2	x	7	18	Sft
D3	1	x	2 1/2	x	7	18	Sft
D4	4	x	2 1/2	x	7	70	Sft
Total						124	Sft
Net	1880				124	1756	Sft

@ Rs. 186.75 P Sft 327933

8 Removing of door with chowkat.

2+4 6 Nos.

@ Rs. 362.35 Each 2174

9 P/F 2'-6" x 7' delux U PVC super Q-Box door with U PVC door frame / threshold (Duroframe KB1) including latch lock as approved by the engineer in charge complete in all respect as per drawing and amnufacturer sample approved.

6	x	2 1/2	x	7	105	Sft
Total					105	Sft


@ Rs. 1250.00 P Sft 131250

10 Emulsion paint one coat on old surface (Roof).

Ward 1	1	x	48	x	30	1440	Sft
Room 2	1	x	20	x	15	300	Sft
Room 3	1	x	20	x	18	360	Sft
Room 4	1	x	15	x	12	180	Sft
W/R 1	1	x	21	x	9 1/4	194	Sft
W/R 2	2	x	9 1/2	x	7 1/2	143	Sft
W/R 3	1	x	9 3/4	x	6	59	Sft
Ward 2	1	x	48	x	30	1440	Sft
Room	2	x	20	x	18	720	Sft
	1	x	28	x	20	560	Sft
Corridor	1	x	85	x	8	680	Sft
	2	x	22	x	18	792	Sft
Ramp	1	x	240	x	8	1920	Sft
Stair	1	x	48	x	18	864	Sft
	1	x	34	x	22	748	Sft
Total						10399	Sft

@ Rs. 1010.75 %Sft 105110

11 Emulsion paint on old surface.									
Ward 1	2	x	48	x	7	672	Sft		
Room 2	2	x	30	x	7	420	Sft		
	2	x	20	x	7	280	Sft		
Room 3	2	x	15	x	7	210	Sft		
	2	x	20	x	7	280	Sft		
Room 4	2	x	18	x	7	252	Sft		
	2	x	15	x	7	210	Sft		
W/R 1	2	x	12	x	7	168	Sft		
	2	x	21	x	4	168	Sft		
W/R 2 2x2	2	x	9 1/4	x	4	74	Sft		
2x2	4	x	9 1/2	x	4	152	Sft		
W/R 3	4	x	7 1/2	x	4	120	Sft		
	2	x	9 3/4	x	4	78	Sft		
Ward 2	2	x	6	x	4	48	Sft		
	2	x	48	x	7	672	Sft		
Room	2	x	30	x	7	420	Sft		
	4	x	20	x	7	560	Sft		
	4	x	18	x	7	504	Sft		
	2	x	28	x	7	392	Sft		
Corridor	2	x	20	x	7	280	Sft		
	2	x	85	x	7	1190	Sft		
	2	x	8	x	7	112	Sft		
	2	x	22	x	7	308	Sft		
Ramp	2	x	18	x	7	252	Sft		
	2	x	240	x	18	8640	Sft		
Stair	2	x	45	x	24	2160	Sft		
	2	x	48	x	11	1056	Sft		
	2	x	26	x	11	572	Sft		
	2	x	34	x	7	476	Sft		
	2	x	22	x	7	308	Sft		
i 60% one coat	21034	x	60%			Total	21034	Sft	
							12620	Sft	
ii 40% two coat after scraping	21034	x	40%			@ Rs.	1010.75	%Sft	127561
							8414	Sft	
						@ Rs.	1388.95	%Sft	116861
12 Painting to doors & windows 2-coat on old surface (Colour change).									
Door 9x2	18	x	4	x	7	504	Sft		
3x2	6	x	5	x	7	210	Sft		
Stair	2	x	5	x	7 1/2	75	Sft		
W/R 6x2	12	x	2 3/4	x	7	231	Sft		
Window	10	x	4	x	4	160	Sft		
	8	x	6	x	4	192	Sft		
Vantilaters	10	x	2 1/2	x	3 1/2	88	Sft		
Window Ramp	12	x	9 1/2	x	6 1/2	741	Sft		
						Total	2201	Sft	
						@ Rs.	1346.60	%Sft	29632
13 Cement pointing flush on flooring 1:2 etc complete									
	1	x	65	x	39	2535	Sft		
	1	x	45	x	48	2160	Sft		
Ramp	1	x	125	x	9	1125	Sft		
						Total	5820	Sft	
						@ Rs.	2058.70	%Sft	119816
14 P/L UPVC / PVC pipe 4" dia									
Parnala	5	x	26			130	Rft		
	6	x	13			78	Rft		
						Total	208	Rft	
						@ Rs.	382.70	P Rft	79602
						Total Rs.			1172976
						Say Rs.			1173000


 Sub Divisional Officer
 Buildings Sub Division
 Kasur

Revamping of Dialysis Unit (1st Floor)

1 Dismantling encastic or glazed tile etc complete

W/R 1	1 x	9 1/2	x	7 1/2	71	Sft
	2 x	9 1/2	x	7	133	Sft
	2 x	7 1/2	x	7	105	Sft
W/R 2	2 x	5 1/2	x	6	66	Sft
	1 x	10 3/8	x	10	104	Sft
Wall	4 x	5 1/2	x	7	154	Sft
	4 x	6	x	7	168	Sft
	2 x	10 3/8	x	7	145	Sft
	2 x	10	x	7	140	Sft

Total 1086 Sft

Deduction D1 1 x 2 1/2 x 7 18 Sft

D2 4 x 2 1/4 x 7 63 Sft

Total 81 Sft

Net 1086 - 81 1005 Sft

@ **Rs.** 1932.50 %Sft 19422

2 Dismantling P.C.C 1:2:4 complete.

W/R 1	1 x	9 1/2	x	7 1/2	x	1/6	12	Cft
W/R 2	1 x	10 3/8	x	10	x	1/6	17	Cft
	2 x	5 1/2	x	6	x	1/6	11	Cft

Total 40 Cft

@ **Rs.** 9060.50 %Cft 3639

3 Dismantling cement concrete with brick aggregate.

W/R 1	1 x	9 1/2	x	7 1/2	x	1/3	24	Cft
W/R 2	1 x	10 3/8	x	10	x	1/3	35	Cft
	2 x	5 1/2	x	6	x	1/3	22	Cft

Total 80 Cft

@ **Rs.** 2471.05 %Cft 1983

4 P/L dry rammed brick ballast 1 1/2" to 2" gauge.

Take Qty item No.3

@ **Rs.** 80 Cft

5 P/L P.C.C 1:2:4 complete i/c lead 210-Km

Take Qty item No.2

@ **Rs.** 5794.80 %Cft 4651

Total 40 Cft

@ **Rs.** 35597.21 %Cft 14298

6 Providing and laying superb quality Ceramic tile floor of Master brand of specified size, Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1:2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge. 10"x13" size

W/R 1	1 x	9 1/2	x	7 1/2	71	Sft
W/R 2	1 x	10 3/8	x	10	104	Sft
	2 x	5 1/2	x	6	66	Sft

Total 241 Sft



@ **Rs.** 179.80 P Sft 43332

7 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. 10"x13" size

W/R 1	2 x	9 1/2	x	7	133	Sft
	2 x	7 1/2	x	7	105	Sft
W/R 2	4 x	5 1/2	x	7	154	Sft
	4 x	6	x	7	168	Sft
	2 x	10 3/8	x	7	145	Sft

	2	x	10	x	7		140	Sft	
						Total	845	Sft	
Deduction D1	1	x	2 1/2	x	7		18	Sft	
D2	4	x	2 1/4	x	7		63	Sft	
						Total	81	Sft	
	Net		845	-	81		764	Sft	
8 Removing of door with chowkat.						@	Rs.	186.75	P Sft 142677
	4 Nos.					@	Rs.	362.35	Each 1449
9 P/F 2'-6" x 7' delux U PVC super Q-Box door with U PVC door frame / threshold (Duroframe KB1) including latch lock as approved by the engineer incharge complete in all respect as per drawing and amnufacturer sample approved.									
	2	x	2 1/2	x	7		35	Sft	
						Total	35	Sft	
						@	Rs.	850.00	P Sft 29750
10 Emulsion paint one coat on old surface (Roof).									
Ward I	1	x	72	x	40		2880	Sft	
Room 2	1	x	28	x	25		700	Sft	
Room 3	2	x	20	x	18		720	Sft	
Room 7	1	x	25	x	20		500	Sft	
W/R 1	1	x	9 1/2	x	7 1/2		71	Sft	
W/R 2	1	x	10 3/8	x	10		104	Sft	
	2	x	5 1/2	x	6		66	Sft	
Room	1	x	12	x	10		120	Sft	
Corridor	1	x	96	x	9 1/2		912	Sft	
	1	x	22	x	11		242	Sft	
Stair	1	x	28	x	18		504	Sft	
	1	x	42	x	4		168	Sft	
						Total	6987	Sft	
						@	Rs.	1010.75	%Sft 70621
11 Emulsion paint on old surface.									
Ward I	2	x	72	x	7		1008	Sft	
	2	x	40	x	7		560	Sft	
Room 2	2	x	28	x	7		392	Sft	
	2	x	25	x	7		350	Sft	
Room 3	4	x	20	x	7		560	Sft	
	4	x	18	x	7		504	Sft	
Room 4	2	x	25	x	7		350	Sft	
	2	x	20	x	7		280	Sft	
W/R 1	2	x	9 1/2	x	4		76	Sft	
	2	x	7 1/2	x	4		60	Sft	
W/R 2	2	x	10 3/8	x	4		83	Sft	
	2	x	10	x	4		80	Sft	
	4	x	5 1/2	x	4		88	Sft	
	4	x	6	x	4		96	Sft	
Room	2	x	12	x	7		168	Sft	
	2	x	10	x	7		140	Sft	
Corridor	2	x	96	x	7		1344	Sft	
	2	x	9 1/2	x	7		133	Sft	
	2	x	22	x	7		308	Sft	
	2	x	11	x	7		154	Sft	
Stair	2	x	28	x	18		1008	Sft	
	2	x	18	x	14		504	Sft	
	2	x	28	x	11		616	Sft	
	2	x	18	x	8		288	Sft	

	1	x	48	x	1 1/2		72	Sft	
						Total	9222	Sft	
I	60% one coat		9222	x	60%		5533	Sft	
						@	Rs. 1010.75	%Sft	55927
II	40% two coat after scraping		9222	x	40%		3689	Sft	
						@	Rs. 1388.95	%Sft	51236
12	Painting to doors & windows 2-coat on old surface (Colour change).								
	Door 10x2	20	x	4	x	7	560	Sft	
	W/R 4x2	8	x	2 3/4	x	7	154	Sft	
	Window	14	x	6	x	4	336	Sft	
		3	x	5	x	3	45	Sft	
	Ventilators	4	x	2 1/2	x	3 1/2	35	Sft	
						Total	1130	Sft	
						@	Rs. 1346.60	%Sft	15217
13	P/F 1 1/2" thick solid flush door shutter sterling or equivalent with commercial ply on both sides double pressed and deodar wood lipping 1 1/2"x3/8" around shutter i/c chromium plated fitting, iron hinges with aluminum kick plate 22SWG on both sides & finger plate complete in all respect.								
		1	x	4	x	7	28	Sft	
						Total	28	Sft	
						@	Rs. 453.75	P Sft	12705
							Total Rs.	466906	
							Say Rs.	466900	


Sub Divisional Officer
Buildings Sub Division
Kasur 

CONSTRUCTION OF RAMP FOR DALYSIS UNIT

1. Excavation in Foundation of Building / Bridges and other Structures, including degbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain in ordinary soil									
Dalysis	1	x	72	x	18	x	4 1/2		
								5832	Cft
								Total	
								Rs.	5832
									5090
2. P/L plain Cement concrete ratio (1:4:8) etc complete									
F1	2	x	18	x	4 1/2	x	1/3		
F2	5	x	18	x	5 1/2	x	1/3		
								53	Cft
								163	Cft
								Total	
								Rs.	217
									64391
3. P/L R.C.C. in slab of rafts / strip foundation base slab of column and retaining walls etc complete in all respect type C (Nominal mix 1:2:4)									
Dalysis F1	2	x	17 1/2	x	4	x	3/4		
F2 (.75+4)/2	2	x	17 1/2	x	2 3/8	x	1/4		
F2	5	x	17 1/2	x	5	x	1 1/4		
F2 5x2	10	x	17 1/2	x	1 1/2	x	1/8		
Plinth Beam	2	x	14 1/2	x	1	x	1		
								105	Cft
								21	Cft
								547	Cft
								33	Cft
								29	Cft
								Total	
								Rs.	734
									39594
4. P/L R.C.C. in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position complete in all respect type B (Nominal mix 1:1 1/2:3)									
Dalysis	15	x	2	x	3/4	x	6		
Dalysis	4	x	3/4	x	2	x	5		
Col	19	x	3/4	x	2	x	11 1/2		
								135	Cft
								30	Cft
								328	Cft
								Total	
								Rs.	493
									29261
ii ---do--- 1st Floor									
F/F	14	x	2	x	3/4	x	11 1/2		
								242	Cft
								Total	
								Rs.	242
									14607
5. P/L R.C.C. in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position complete in all respect type B (Nominal mix 1:2:4)									
RB1	2	x	31 1/2	x	3/4	x	1 1/3		
RB2	2	x	12 3/4	x	3/4	x	1 1/3		
RB3	2	x	52 1/4	x	3/4	x	1 1/3		
RB4	2	x	12 3/4	x	3/4	x	1 1/3		
RB5	2	x	6	x	3/4	x	1 1/3		
RB5	2	x	26 1/3	x	3/4	x	1 1/3		
1st Landing	1	x	10 1/4	x	16	x	5/12		
	1	x	25 1/2	x	6	x	5/12		
2nd landing	1	x	12 3/4	x	5 1/2	x	5/12		
2nd Soffit	1	x	51 1/4	x	6	x	5/12		
3rd landing	1	x	18 3/4	x	6	x	5/12		
Tie beam	1	x	7 1/2	x	3/4	x	1		
								63	Cft
								25	Cft
								104	Cft
								25	Cft
								12	Cft
								53	Cft
								68	Cft
								64	Cft
								29	Cft
								128	Cft
								47	Cft
								6	Cft
								Total	
								Rs.	624
									33595
ii ---do--- for 1st Floor									
RTB 1	1	x	31 1/2	x	3/4	x	1		
	1	x	12 3/4	x	3/4	x	1		
	1	x	56 1/4	x	3/4	x	1		
								24	Cft
								10	Cft
								42	Cft

CONSTRUCTION OF RAMP FOR GAYNAE BLOCK

1 Excavation in Foundation of Building / Bridges and other Structures, including degbelling , dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain in ordinary soil									
Gaynae	1	x	85	x	18 1/2	x	4 1/2	7076	Cft
								Total	7076
								Rs.	8727.85
									%Cft 61760
2 P/L plain Cement concrete ratio (1:4:8) etc complete									
Gaynae	1	x	85	x	18 1/2	x	1/3	519	Cft
								Total	519
								Rs.	29698.95
									%Cft 154115
3 P/L R.C.C. in slab of rafts / strip foundation base slab of column and retaining walls etc complete in all respect type C (Nominal mix 1:2:4)									
Gaynae	2	x	18 1/4	x	5	x	3/4	137	Cft
F1 2x2	4	x	18 1/4	x	2	x	1/8	18	Cft
F2	3	x	70	x	5 1/2	x	3/4	866	Cft
Base 3x2	6	x	70	x	2	x	1/8	105	Cft
Footing beam FB1	2	x	18 1/4	x	1 1/4	x	2	91	Cft
FB1	3	x	70	x	1 1/4	x	2	525	Cft
								Total	1743
								Rs.	416.56
									P Cft 725908
4 P/L R.C.C. in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position complete in all respect type B (Nominal mix 1:1 1/2:3)									
Gaynae	25	x	2	x	1 1/8	x	5	281	Cft
Col	25	x	2	x	1 1/8	x	10	563	Cft
								Total	844
								Rs.	573.95
									P Cft 484270
ii ---do--- 1st Floor									
	25	x	2	x	1 1/8	x	13	731	Cft
								Total	731
								Rs.	604.50
									P Cft 442041
iii ---do--- 2nd Floor									
	19	x	2	x	1 1/8	x	11 1/2	492	Cft
								Total	492
								Rs.	635.40
									P Cft 312375
5 P/L R.C.C. in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position complete in all respect type B (Nominal mix 1:2:4)									
RB 4	1	x	8 1/4	x	1	x	1 1/2	12	Cft
RB 1	2	x	41 1/4	x	1 1/8	x	1 1/3	123	Cft
RB 2	2	x	14 1/4	x	1 1/8	x	1 1/3	43	Cft
RB 1	2	x	71 3/4	x	1 1/8	x	1 1/3	215	Cft
RB 3	2	x	14 1/4	x	1 1/8	x	1 1/3	43	Cft
RB 1	2	x	43 1/4	x	1 1/8	x	1 1/3	129	Cft
Link beam	2	x	10	x	1 1/8	x	1 1/3	30	Cft
								Total	595
1st landing									
	2	x	11 3/4	x	6	x	5/12	59	Cft
	1	x	29 3/4	x	6	x	5/12	74	Cft
	1	x	77 3/4	x	6	x	5/12	194	Cft
	1	x	49 1/4	x	6	x	5/12	123	Cft
	1	x	11 3/4	x	12	x	5/12	59	Cft
								Total	509
								Rs.	538.06
									P Cft 594011

ii ---do--- for 1st Floor

RB1	2	x	29 3/4	x	1 1/8	x	1 1/3	89	Cft
RB2	2	x	14 1/4	x	1 1/8	x	1 1/3	43	Cft
RB1	2	x	71 3/4	x	1 1/8	x	1 1/3	215	Cft
RB3	2	x	14 1/4	x	1 1/8	x	1 1/3	43	Cft
RB1	2	x	43 1/4	x	1 1/8	x	1 1/3	129	Cft
Link beam	2	x	10	x	1 1/8	x	1 1/3	30	Cft
Slab	1	x	29 3/4	x	6	x	5/12	74	Cft
	1	x	77 3/4	x	6	x	5/12	194	Cft
Link	1	x	49 1/4	x	6	x	5/12	123	Cft
	1	x	11 3/4	x	12	x	5/12	59	Cft
Total			548	+	451			451	Cft
								999	Cft

iii ---do--- for 2nd Floor

Tie beam B1	1	x	29 3/4	x	1 1/8	x	1	33	Cft
	1	x	14 1/4	x	1 1/8	x	1	16	Cft
	1	x	77 3/4	x	1 1/8	x	1	87	Cft
	1	x	14 1/4	x	1 1/8	x	1	16	Cft
	1	x	18	x	1 1/8	x	1	20	Cft
Roof beam B2	2	x	10	x	1 1/8	x	1 1/3	30	Cft
B3	2	x	77 3/4	x	1 1/8	x	1 1/4	219	Cft
B4	2	x	14 1/4	x	1 1/8	x	1 1/2	48	Cft
	4	x	14 1/4	x	1	x	1 1/3	76	Cft
Roof Link	1	x	80 3/4	x	17 1/4	x	5/12	580	Cft
	1	x	11 3/4	x	12	x	5/12	59	Cft
Total			546	+	639			1185	Cft
								1185	Cft

6 Fabrication of mild steel reinforcement for cement concrete i/c cutting, bending, laying in position, making joints and fastenings, i/c cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) deformed bars (Grade 40)

Take Qty item No.3	1743	x	12.00	x	0.454	9496	Kg
Take Qty item No.4i,ii,iii (844+731+492)	2067	x	12.00	x	0.454	11261	Kg
Take Qty item No.5i,ii,iii (595+548)	1143	x	12.00	x	0.454	6227	Kg
Take Qty item No.5i,ii,iii (509+451+1185)	2145	x	6.75	x	0.454	6573	Kg
Total						33557	Kg

7 Pacca brick work in cement sand morar 1:6 G/Floor

	1	x	6	x	3/4	x	11	50	Cft
	1	x	9 1/4	x	3/4	x	4	28	Cft
	1	x	8 3/4	x	3/4	x	2 1/2	16	Cft
	5	x	8 3/4	x	3/4	x	4	131	Cft
	4	x	4 3/4	x	3/4	x	4	57	Cft
	2	x	10 1/4	x	3/4	x	4	62	Cft
	1	x	8 3/4	x	3/4	x	8	53	Cft
	1	x	9 1/4	x	3/4	x	7	49	Cft
	1	x	8	x	3/4	x	5	30	Cft
	1	x	8 1/4	x	3/4	x	3	19	Cft
Total								493	Cft

ii Pacca brick work in cement sand morar 1:6 1st Floor

	1	x	8 3/4	x	3/4	x	3	20	Cft
	5	x	8 3/4	x	3/4	x	4	131	Cft

	4	x	4 3/4	x	3/4	x	4	57	Cft	
	1	x	10 1/4	x	3/4	x	4	31	Cft	
	1	x	8 3/4	x	3/4	x	8	53	Cft	
	1	x	9 1/4	x	3/4	x	5	35	Cft	
	1	x	8	x	3/4	x	4	24	Cft	
	1	x	8 1/4	x	3/4	x	3	19	Cft	
								Total	368	Cft
								Rs.	27483.85	%Cft
iii	Pacca brick work in cement sand morar 1:6 2nd Floor									101261
	4	x	8 3/4	x	3/4	x	4	105	Cft	
	4	x	4 3/4	x	3/4	x	4	57	Cft	
	2	x	10 1/4	x	3/4	x	4	62	Cft	
	1	x	47 1/4	x	3/4	x	5	177	Cft	
	1	x	9 1/4	x	3/4	x	4	28	Cft	
	1	x	8	x	3/4	x	4	24	Cft	
	1	x	8 1/4	x	3/4	x	4	25	Cft	
	1	x	8	x	3/4	x	4	24	Cft	
	1	x	8	x	3/4	x	4	24	Cft	
	1	x	8 1/4	x	3/4	x	4	25	Cft	
	1	x	8	x	3/4	x	4	24	Cft	
	2	x	10	x	3/4	x	4	60	Cft	
	2	x	5	x	3/4	x	4	30	Cft	
Parapit	2	x	77 3/4	x	3/4	x	1 1/2	175	Cft	
	2	x	12 3/4	x	3/4	x	1 1/2	29	Cft	
								Total	868	Cft
								Rs.	28861.90	%Cft
8	3/8" thick cement plaster 1:3 under soffit.									250395
G/Floor 1st landing	2	x	11 3/4	x	8 1/4			194	Sft	
	1	x	29 3/4	x	8 1/4			245	Sft	
	1	x	77 3/4	x	8 1/4			641	Sft	
	1	x	49 1/4	x	8 1/4			406	Sft	
1st Floor Slab	1	x	11 3/4	x	12			141	Sft	
	1	x	29 3/4	x	8 1/4			245	Sft	
	1	x	77 3/4	x	8 1/4			641	Sft	
	1	x	49 1/4	x	8 1/4			406	Sft	
Link	1	x	11 3/4	x	12			141	Sft	
Roof	1	x	77 3/4	x	14 1/4			1108	Sft	
Link	1	x	11 3/4	x	12			141	Sft	
								Total	4311	Sft
								Rs.	2958.90	%Sft
9	1/2" thick cement plaster 1:4 upto 20' height.									127564
	1	x	6	x	11			66	Sft	
	1	x	9 1/4	x	4			37	Sft	
	1	x	8 3/4	x	2 1/2			22	Sft	
	5	x	8 3/4	x	4			175	Sft	
	4	x	4 3/4	x	4			76	Sft	
	2	x	10 1/4	x	4			82	Sft	
	1	x	8 3/4	x	8			70	Sft	
	1	x	9 1/4	x	7			65	Sft	
	1	x	8	x	5			40	Sft	
	1	x	8 1/4	x	3			25	Sft	
	1	x	9 1/4	x	4			37	Sft	
	2	x	8	x	4			64	Sft	
	2	x	8 1/4	x	4			66	Sft	
	2	x	8	x	4			64	Sft	
	1	x	8 3/4	x	3			26	Sft	
	5	x	8 3/4	x	4			175	Sft	
	4	x	4 3/4	x	4			76	Sft	

	1	x	10 1/4	x	4	41	Sft
	1	x	8 3/4	x	8	70	Sft
	1	x	9 1/4	x	5	46	Sft
	1	x	8	x	4	32	Sft
	1	x	8 1/4	x	3	25	Sft
	1	x	9 1/4	x	4	37	Sft
	1	x	8	x	4	32	Sft
	1	x	8 1/4	x	4	33	Sft
	1	x	8	x	4	32	Sft
	4	x	8 3/4	x	4	140	Sft
	4	x	4 3/4	x	4	76	Sft
	2	x	10 1/4	x	4	82	Sft
	1	x	47 1/4	x	5	236	Sft
	1	x	9 1/4	x	4	37	Sft
	1	x	8	x	4	32	Sft
	1	x	8 1/4	x	4	33	Sft
	1	x	8	x	4	32	Sft
	1	x	8	x	4	32	Sft
	1	x	8 1/4	x	4	33	Sft
	1	x	8	x	4	32	Sft
	2	x	10	x	4	80	Sft
	2	x	5	x	4	40	Sft
Parapit	2	x	77 3/4	x	1 1/2	233	Sft
	2	x	12 3/4	x	1 1/2	38	Sft
						Total	2670
Both side			2670	x	2	5340	Sft

@ Rs. 2595.85 %Sft 138618

10 P/L Chequered tile 12"x12" laid over 3/4" thick cement sand mortar etc complete in all respect.

G/Floor 1st landing	2	x	11 3/4	x	6	141	Sft
	1	x	29 3/4	x	6	179	Sft
	1	x	77 3/4	x	6	467	Sft
	1	x	49 1/4	x	6	296	Sft
	1	x	11 3/4	x	12	141	Sft
1st Floor Slab.	1	x	29 3/4	x	6	179	Sft
	1	x	77 3/4	x	6	467	Sft
	1	x	49 1/4	x	6	296	Sft
Link	1	x	11 3/4	x	12	141	Sft
Link	1	x	11 3/4	x	12	141	Sft

@ Total Rs. 2445 Sft 190.60 P Sft 466017

11 Providing and fitting all types of glazed aluminium 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.

	4	x	8 3/4	x	7	245	Sft
	4	x	4 3/4	x	7	133	Sft
	2	x	10 1/4	x	7	144	Sft
	1	x	9 1/4	x	7	65	Sft
	2	x	8	x	7	112	Sft
	2	x	8 1/4	x	7	116	Sft
	2	x	8	x	7	112	Sft
	4	x	8 3/4	x	7	245	Sft
	4	x	4 3/4	x	7	133	Sft

1	x	10 1/4	x	7	72	Sft
1	x	8	x	4 1/4	34	Sft
1	x	8 1/4	x	3 1/4	27	Sft
1	x	8	x	2	16	Sft
1	x	8	x	7	56	Sft
1	x	8 1/4	x	7	58	Sft
1	x	8	x	7	56	Sft
4	x	8 3/4	x	7	245	Sft
4	x	4 3/4	x	7	133	Sft
2	x	10 1/4	x	7	144	Sft
1	x	9 1/4	x	7	65	Sft
1	x	8	x	7	56	Sft
1	x	8 1/4	x	7	58	Sft
1	x	8	x	7	56	Sft
1	x	8	x	7	56	Sft
1	x	8 1/4	x	7	58	Sft
1	x	8	x	7	56	Sft
2	x	10	x	7	140	Sft

@ Total Rs. 2688 Sft P Sft 163015

- ii Providing and fixing Aluminum Flyscreen comprising of Fiber/Aluminum wire gauge (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour/powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket and cost of Hardware as approved and directed by the engineer in charge. complete in all respect.

Take Qty item No.11 (i) 2688 / 2

@ Total Rs. 1344 Sft P Sft 925078

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

Take Qty item No.11 (i)

@ Total Rs. 2688 Sft P Sft 174035

- 12 Providing and Laying Single Layer of Tiles 9"x4.5"x1.5" laid over 4" Earth and 1" Mud Plaster without Bhoosa, Grouted with Cement Sand (1:3) on Top of RCC Roof Slab, Provided with 34 lbs. per 100 Sft Bitumen Coating Sand Blinded

1	x	76 1/4	x	12 3/4	972	Sft
1	x	12 3/4	x	10 1/4	131	Sft

@ Total Rs. 1103 Sft P Sft 10667

- 13 Distempring 3-coat to new surface.

1	x	76 1/4	x	12 3/4	972	Sft
1	x	12 3/4	x	10 1/4	131	Sft

@ Total Rs. 1103 Sft P Sft 10667


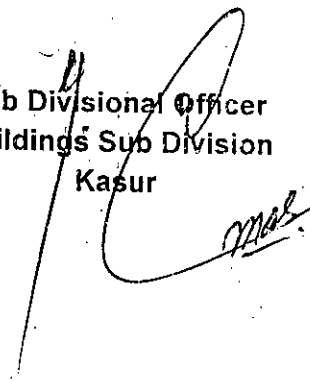
1	x	6	x	11	66	Sft
1	x	9 1/4	x	4	37	Sft
1	x	8 3/4	x	2 1/2	22	Sft
5	x	8 3/4	x	4	175	Sft
4	x	4 3/4	x	4	76	Sft
2	x	10 1/4	x	4	82	Sft

	1	x	8 3/4	x	8	70	Sft	
	1	x	9 1/4	x	7	65	Sft	
	1	x	8	x	5	40	Sft	
	1	x	8 1/4	x	3	25	Sft	
	1	x	9 1/4	x	4	37	Sft	
	2	x	8	x	4	64	Sft	
	2	x	8 1/4	x	4	66	Sft	
	2	x	8	x	4	64	Sft	
	1	x	8 3/4	x	3	26	Sft	
	5	x	8 3/4	x	4	175	Sft	
	4	x	4 3/4	x	4	76	Sft	
	1	x	10 1/4	x	4	41	Sft	
	1	x	8 3/4	x	8	70	Sft	
	1	x	9 1/4	x	5	46	Sft	
	1	x	8	x	4	32	Sft	
	1	x	8 1/4	x	3	25	Sft	
	1	x	9 1/4	x	4	37	Sft	
	1	x	8	x	4	32	Sft	
	1	x	8 1/4	x	4	33	Sft	
	1	x	8	x	4	32	Sft	
	4	x	8 3/4	x	4	140	Sft	
	4	x	4 3/4	x	4	76	Sft	
	2	x	10 1/4	x	4	82	Sft	
	1	x	47 1/4	x	5	236	Sft	
	1	x	9 1/4	x	4	37	Sft	
	1	x	8	x	4	32	Sft	
	1	x	8 1/4	x	4	33	Sft	
	1	x	8	x	4	32	Sft	
	1	x	8	x	4	32	Sft	
	1	x	8 1/4	x	4	33	Sft	
	1	x	8	x	4	32	Sft	
	2	x	10	x	4	80	Sft	
	2	x	5	x	4	40	Sft	
Parapit	2	x	77 3/4	x	1 1/2	233	Sft	
	2	x	12 3/4	x	1 1/2	38	Sft	
Both side			2670	x	2	1103		
						(2)		
						Total	2670	Sft
							6443	Sft
						Rs.	1150.30	%Sft
								74114
Providing and laying fair face Gutka cladding laid in (1:2) cement/re dpos mortar having 1/4" thick groove finish i/c cost of 8 SWG wire in shape of 8 placed horizontally and vertically at 36" and 18" c/c resp ectively i/c cutting charges as per approved drawing excluding carri age charges complete in all respects as approved and directed by the E ngineer Incharge 2-1/4" x 2-1/4" x 9"								
	2	x	77 3/4	x	35	5443	Sft	
	2	x	14 1/4	x	35	998	Sft	
						Total	6440	Sft
Deduction Window	4	x	8 3/4	x	7	245	Sft	
	4	x	4 3/4	x	7	133	Sft	
	2	x	10 1/4	x	7	144	Sft	
	1	x	9 1/4	x	7	65	Sft	
	2	x	8	x	7	112	Sft	
	2	x	8 1/4	x	7	116	Sft	
	2	x	8	x	7	112	Sft	
	4	x	8 3/4	x	7	245	Sft	
	4	x	4 3/4	x	7	133	Sft	
	1	x	10 1/4	x	7	72	Sft	
	1	x	8	x	4 1/4	34	Sft	
	1	x	8 1/4	x	3 1/4	27	Sft	

1	x	8	x	2
1	x	8	x	7
1	x	8 1/4	x	7
1	x	8	x	7
4	x	8 3/4	x	7
4	x	4 3/4	x	7
2	x	10 1/4	x	7
1	x	9 1/4	x	7
1	x	8	x	7
1	x	8 1/4	x	7
1	x	8	x	7
1	x	8	x	7
1	x	8 1/4	x	7
1	x	8	x	7
2	x	10	x	7
Net		6440	-	2683

	16	Sft
	56	Sft
	58	Sft
	56	Sft
	245	Sft
	133	Sft
	144	Sft
	65	Sft
	56	Sft
	58	Sft
	56	Sft
	56	Sft
	58	Sft
	56	Sft
	140	Sft
Total	2688	Sft
	3752	Sft
@ Rs.	160.15	P Sft
		600883

Total Rs. 19042727
Say Rs. 19042700


Sub Divisional Officer
Buildings Sub Division
Kasur


8. P/L P.C.C. 1:2:4 i/c lead 210-KM.

New B/Wall	1	x	82	x	3/4	x	1/8	8	Cft
	12	x	1 1/8	x	3/8	x	1/8	1	Cft
Missing	1	x	12	x	3/4	x	1/8	1	Cft
Raising	1	x	464 1/4	x	3/8	x	1/2	87	Cft
Pillar	99	x	1 1/8	x	1 1/8	x	1	125	Cft
Total								222	Cft

@ **Total Rs. 35597.21 %Cft 78951**

9 P/F steel fence on Boundary Wall comprising of M.S square bar (5/8"x5/8") at a part 5" C.C and 4' clear height and 6" embended in P.C.C. punching in 2-Nos. Horizontally M.S flat 1 1/2"x3/16" and making with M.S flat 5/8"x1/8" in top & bottom i/c vertical pillar box size 1'x1' with 8-Nos. M.S square bars 5/8"x5/8" at a part 8'-5" C.C. 4' clear height and 1' embended in P.C.C and painting 3-coats etc complete in all respect as approved by the engineer incharge (Including P.C.C) (Re-Fixing / labour rate only).

1	x	464	464	Rft
Total			464	Rft

@ **Total Rs. 440.00 P Rft 204160**

10 P/L R.C.C. in slab of rafts / strip foundation base slab of coloumn and retaining walls etc complete in all respect type C (Nominal mix 1:2:4)

Beam	1	x	82	x	1 1/8	x	1/2	46	Cft
Total								46	Cft

@ **Total Rs. 416.55 P Cft 19161**

11 Fabrication of mild steel reinforcement cement i/c cutting bending laying complete (defomed bars)

Take Qty item No.10	46	12.75	x	0.454	266	Kg
Total					266	Kg

@ **Total Rs. 25919.30 %Kg 68945**

12 P/F of security non corrosive razor wire 18" dia spiral type (12-SWG spiral wire and 26-SWG lapping blade) 3" pitch fixed with angle iron post 1 1/2"x1 1/2"x3/16" in "Y" shaped, (2'-6"+10 1/2"+10 1/2") 6'-7" apart, welded with 1-No. deformed bar 1/2" dia placed in horizontally i/c PCC post (1:2:4) 9" embedded in wall and painting 3-coats complete in all respect as approved by the engineer incharge.

B/S	1	x	464	464	Rft
	1	x	82	82	Rft
Total				546	Rft

@ **Total Rs. 287.40 P Rft 156920**

13 1/2" thick cement plaster 1:4

B/S	1	x	82	x	5	410	Sft
Side wall	26	x	10	x	1/3	86	Sft
Top side jangla	2	x	562	x	3 1/2	3934	Sft
Coloumn	50	x	2	x	2 1/2	250	Sft
Total						4680	Sft

@ **Total Rs. 2595.85 %Sft 121481**

14. P/F steel fence on Boundary Wall comprising of M.S square bar (5/8"x5/8") at a part 5" C.C and 4' clear height and 6" embended in P.C.C. punching in 2-Nos. Horizontally M.S flat 1 1/2"x3/16" and making with M.S flat 5/8"x1/8" in top & bottom i/c vertical pillar box size 1'x1' with 8-Nos. M.S square bars 5/8"x5/8" at a part 8'-5" C.C. 4' clear height and 1' embended in P.C.C and painting 3-coats etc complete in all respect as approved by the engineer incharge (Including P.C.C).

120+30

1 x 150

	150	Rft	
Total	150	Rft	
@ Rs.	4642.00	P Rft	696300

15. Painting to guard bar / grating in opening 2-coat on old surface.

2 x 564 x 4

	4512	Sft	
Total	4512	Sft	
@ Rs.	1490.40	%Sft	67247

D/d Cost of Old Material

Total Rs.	2343262
(-)	52900
Ner Rs.	2290362
Say Rs.	2290400

DEDUCTION COST OF OLD MATERIAL

i Old Bricks

1001 $\frac{1350}{100} \times \frac{50}{100}$

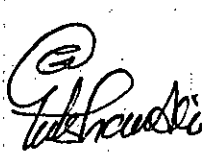
Total	=	6757 Nos.	
@		6757 Nos.	
		5500.00 %oNos	37164

ii Bats

1001 $\frac{50}{100}$

Total	=	501 Cft	
@		501 Cft	
		3150.00 %Cft	15782

Total	52945
Say R.	52900


 Sub Divisional Officer
 Buildings Sub Division
 Kasur



Construction of Fiber Glass Shed

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

Main Gate	1	x	41	x	57
Water Filtration plant	1	x	16	x	12

	2337	Sft
	192	Sft
Total	2529	Sft
@ Rs.	546.15	P Sft 1381213

Total Rs. 1381213
Say Rs. 1381200

 Sub Divisional Officer
 Buildings Sub Division
 Kasur 

CONSTRUCTION OF GUARD ROOM

- 1 Excavation in Foundation of Building / Bridges and other Structures, including degbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain in ordinary soil

H/W	2	x	30 1/8	x	4	x	2	482	Cft
V/W	2	x	9 1/8	x	4	x	2	146	Cft
Bath	1	x	10 3/4	x	4	x	2	86	Cft
	2	x	4 3/4	x	4	x	2	76	Cft
Toe wall	1	x	40 3/4	x	1 1/2	x	1	61	Cft
F/S	1	x	34	x	1 1/2	x	1	51	Cft
VW	2	x	18	x	1 1/2	x	1	54	Cft
Total								956	Cft

@ **Rs. 8727.85 %oCft 8345**

- 2 P/L cement concrete brick or stone ballast 1 1/2" to 2" in gauge 1:6:18 in foundation

H/W	2	x	30 1/8	x	4	x	3/4	181	Cft
V/W	2	x	9 1/8	x	4	x	3/4	55	Cft
Bath	1	x	10 3/4	x	4	x	3/4	32	Cft
	2	x	4 3/4	x	4	x	3/4	29	Cft
Total								297	Cft

@ **Rs. 14049.30 %Cft 4172**

- 3 P/L dry brick ballast 1-1/2" to 2" gauge.

Toe wall	1	x	40 3/4	x	1 1/2	x	1/4	15	Cft
F/S	1	x	34	x	1 1/2	x	1/4	13	Cft
VW	2	x	18	x	1 1/2	x	1/4	14	Cft
Total								42	Cft

@ **Rs. 5794.80 %Cft 2434**

- 4 Pacca brick work (1:6) in cement sand mortar F&P.

H/W	2	x	29 1/8	x	3	x	1/4	44	Cft
	2	x	28 3/4	x	2 5/8	x	1/4	38	Cft
	2	x	28 3/8	x	2 1/4	x	1/4	32	Cft
	2	x	28	x	1 7/8	x	1/4	26	Cft
	2	x	27 5/8	x	1 1/2	x	1/4	21	Cft
	2	x	27 1/4	x	1 1/8	x	3 1/4	199	Cft
V/W	2	x	10 1/8	x	3	x	1/4	15	Cft
	2	x	10 1/2	x	2 5/8	x	1/4	14	Cft
	2	x	10 7/8	x	2 1/4	x	1/4	12	Cft
	2	x	11 1/4	x	1 7/8	x	1/4	11	Cft
	2	x	11 5/8	x	1 1/2	x	1/4	9	Cft
	2	x	12	x	1 1/8	x	3 1/4	88	Cft
Bath H/W	1	x	9 3/4	x	3	x	1/4	7	Cft
	1	x	9 3/8	x	2 5/8	x	1/4	6	Cft
	1	x	9	x	2 1/4	x	1/4	5	Cft
	1	x	8 5/8	x	1 7/8	x	1/4	4	Cft
	1	x	8 1/4	x	1 1/2	x	1/4	3	Cft
	1	x	7 7/8	x	1 1/8	x	1/4	2	Cft
	1	x	7 1/2	x	3/4	x	3	17	Cft
V/W	2	x	4 3/4	x	3	x	1/4	7	Cft
	2	x	4 3/4	x	2 5/8	x	1/4	6	Cft
	2	x	4 3/4	x	2 1/4	x	1/4	5	Cft
	2	x	4 3/4	x	1 7/8	x	1/4	4	Cft
	2	x	4 3/4	x	1 1/2	x	1/4	4	Cft


W	2	x	5 1/2	x	1 1/8	x	3/4	9	Cft		
CW	1	x	4	x	1 1/8	x	1/2	2	Cft		
Net	1273	-	206								
8i P/L R.C.C. (1:2:4) in roof slab coloumn lintels beams etc complete (Using coarse sand). i/c lead 210KM											
Lintel D	2	x	5 1/2	x	1 1/8	x	3/4	9	Cft		
D	1	x	4	x	3/4	x	3/4	2	Cft		
W	3	x	5 1/2	x	1 1/8	x	3/4	14	Cft		
W shade	3	x	5 1/2	x	1 1/2	x	1/4	6	Cft		
Cw	1	x	4	x	1 1/8	x	1/2	2	Cft		
CW shade	1	x	4	x	1 1/2	x	1/4	2	Cft		
W/R	1	x	6 3/4	x	5 1/2	x	5/12	16	Cft		
Roof	1	x	27 1/4	x	14 1/4	x	5/12	163	Cft		
Total								215	Cft		
@											
Rs.								573.95	P Cft	12320	
9 Fabrication of mild steel reinforcement cement i/c cutting bending laying complete (defomed bars)											
Take Qty item No.8	215	6.75	x	0.454				659	Kg		
Total								659	Kg		
@											
Rs.								25919.30	%Kg	17071	
10 1/2" thick cement plaster 1:3 i/c bitumen & polythene sheet 500-gauge with biumen coat 10-LBS %Sft											
H/W	2	x	13 1/2	x	3/4			20	Sft		
	1	x	4	x	3/4			3	Sft		
V/W	2	x	12	x	3/4			18	Sft		
	1	x	6 3/4	x	3/4			5	Sft		
Total								46	Sft		
@											
Rs.								3410.40	%Sft	1561	
11 3/8" thick cement plaster 1:3 under soffit.											
Room	1	x	25	x	12			300	Sft		
W/R	1	x	6	x	4			24	Sft		
Total								324	Sft		
@											
Rs.								2958.90	%Sft	9581	
12 1/2" thick cement plaster 1:4											
Parapit	1	x	32 1/2	x	2 1/4			73	Sft		
	1	x	25 3/4	x	2 1/4			58	Sft		
	2	x	12 3/4	x	2 1/4			57	Sft		
Room	2	x	25	x	10 1/2			525	Sft		
	2	x	12	x	10 1/2			252	Sft		
W/R	2	x	6	x	7			84	Sft		
	2	x	4	x	7			56	Sft		
Total								1105	Sft		
@											
Rs.								2595.85	%Sft	2868	
13 Providing and Laying Single Layer of Tiles 9"x4.5"x1.5" laid over 4" Earth and 1" Mud Plaster without Bhoosa, Grouted with Cement Sand (1:3) on Top of RCC Roof Slab, Provided with 34 lbs. per 100 Sft Bitumen Coating Sand Blinded											
Room	1	x	26 1/2	x	12 3/4			338	Sft		
W/R	1	x	6 3/4	x	4			27	Sft		
Generator room	1	x	22	x	18			396	Sft		
Total								761	Sft		

35 P/L Pre-cast / Pre-stressed RCC roofing of approved firms comprising of members (Girders / Slabs) of required size i/c filling of V-joints with PCC 1:2:4 using fine aggregate & 1/2" thick cement plaster 1:3 over roof and flush cement pointing 1:2 under neath of roof complete in all respect to the satisfaction of the engineer incharge of work (Girders size 4"x9" & Slabs size 4 1/2'x1 1/2').

1 x 22 x 18


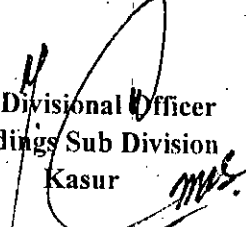
	396	Sft	
Total	397	Sft	
@ Rs.	402.00	P Sft	15959

Total Rs. 1487128
Say Rs. 1487100


Sub Divisional Officer
Buildings Sub Division
Kasur


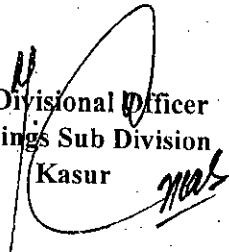
ELECTRIC INSTALLATION

Sr: No.	Description of Item	Qty		Rate	Amount
1	S/E of PVC pipe for wiring recessed in walls, i/c inspection boxed, pull boxes, hooks, cutting jharries, and repairing surface etc complete with all specials.				
i	3/4" dia	184	P Rft	69.40	12770
ii	1" dia	96	P Rft	80.45	7723
2	S/E of single core PVC insulated copper conductor cables in prelaid PVC pipe / M.S conduit / GI pipe / wooden strip batten / wooden casing an capping / G.I wire / trenches 3/0.29"	500	P Rft	20.95	10475
ii	7/0.029"	300	P Rft	33.00	9900
3	S/E of ceiling rose ✓	2	Each	55.90	112
4	S/E of button holder	4	Each	45.35	181
5	S/E of fan hook 3/8" dia	2	Each	57.15	114
6	R/O fency type bracket fan 18" having aesthhetically designed plastic motor cover and steel body copper winding (GFC).	1	Each	3041.85	3042
7	R/O LED bulb 12-watt etc complete	6	Each	425.00	2,556
8	S/E of power plug 10/15 amp etc complete	1	Each	495.00	495
9	S/E of light plug 10/15 amp etc complete	1	Each	495.00	495
10	S/E China plate 8+2 size i/c all necessary fittings complete in all respect (Opal / equivalent)	2	Each	2550.00	5100
iv	S/E China plate 2+2 size i/c all necessary fittings complete in all respect (Opal / equivalent)	2	Each	1400.00	2800
				Total	55763
				Say	55800

 Sub Divisional Officer
Buildings Sub Division
Kasur 

PUBLIC HEALTH

Sr: No.	Description of Item	Qty		Rate	Amount
1	P/F glazed earthen ware W.C europen type (Porta made) i/c seat & seat cover etc complete in all respect as approved by the Engineer In-charge	1	Each	17200.00	17200
2	P/F glazed earthen ware wash hand basin 22"x16" i/c bracket set waste pipe waste coupling etc (Colour i/c pedestal)	1	Each	3567.90	3568
3	P/F P trap 4" dia galzed	2	Each	218.40	437
4	P/F bib cock 1/2" dia	1	Each	466.20	466
5	P/F Neck cock 1/2" dia / Pillar	1	Each	466.20	466
6	P/F Tee stop cock	2	Each	886.20	1772
7	P/F Double bib cock 1/2" dia Sonex made complete in all respect as approved by the Engineer In-charge	1	Each	5750.00	5750
8	P/F PVC tee 4" dia	3	Each	1355.50	4067
9	P/L PVC bend 4" dia	3	Each	470.35	1411
10	P/F Looking glass 22"x16" 5mm thick	1	Each	582.65	583
11	P/F Plastic soap dish, plastic toilet paper holder, plastic towel rail & plastic shelf 24"x5"	1	Each	6600.00	6600
12	P/F Floor trap jali	2	Each	514.40	1029
13	Providng and fixing Muslim Shower with flexible pipe (Sonex made)complete in all respect as approved by the Engineer In-charge	1	Each	3950.00	3950
14	Providing fixing water supply PPRC pipe line PN20 (Dedex / Beta) in treenches with therat / fusion joint (Without) cost or special i/c cost of solution of same quality complete in all respect 25 mm (N.S)	85	P Rft	53.55	4552
ii	---do--- 32mm	20	P Rft	85.80	1716
15	P/F PVC pipe 4" dia B Class	45	P Rft	382.70	17222
16	P/F PVC pipe 2" dia D class	14	P Rft	177.15	2480
17	Providng and fixing Plastic made low down Flushing cistern 13.63 litres (3-GLns) capacity i/c Bracket set Copper connection(Sonex Made) complete in all respect as approved by the Engineer In-charge	1	Each	6600.00	6600
18	P/F handle valve 1" dia	1	Each	597.75	598
				Total	80466
				Say	80500



 Sub Divisional Officer
 Buildings Sub Division
 Kasur

ELECTRIC INSTALLATION

Sr. No.	Description of Item	Qty		Rate	Amount
1	S/E of PVC pipe for wiring recessed in walls, i/c inspection boxed, pull boxes, hooks, cutting jharries, and repairing surface etc complete with all specials.				
i	3/4" dia	565	P Rft	69.40	39211
ii	1" dia	1375	P Rft	80.45	110619
2	S/E of single core PVC insulated copper conductor cables in prelaid PVC pipe / M.S conduit / GI pipe / wooden strip batten / wooden casing an capping / G.I wire / trenches 3/0.29"	5000 10750	P Rft	20.95	104750 225213
ii	7/0.029"	5000 8600	P Rft	33.00	165000 283800
iii	7/0.036"	1600	P Rft	43.50	69600
iv	7/0.044"	1320	P Rft	60.60	79992
	7/0.064"	156	P Rft	141.05	22004
3	S/E of button holder	409	Each	45.35	18548
4	S/E of fan dimmer bush hilife	212 110	Each	350.00	74200 38500
5	Rewinding of A.C ceiling fans capacitor type i/c cost of leather paper cotton type soldering etc i/c 1-No. capacitor 2.2UF and 2-Nos. of ball bearing 6201,6202 i/c erection etc complete	112 60	Each	2577.30	288658 154638
6	P/E of Branch Distribution Board consisting of 16-SWG M.S sheet box (48"x36"x6" size) with glass shutter duly powered coated paint, locking arrangement complete in all respect as approved by the engineer incharge. INCOMING i) MCB 200-Amp TPN (25-KA) 1-No. (Hitachi) OUTGOING i) MCB 125-Amp.(15-KA) 07-Nos. (Legrand Brand) i) MCB SP 6 to 20 Amp (6-KA) 18-Nos. (Legrand Brand) ii) Volt Meter 500 Volt 3-Nos. iii) Amp meter 500 Volt 1-No. iv) Selector switches 1-No. v) LED Neon lights 3-Nos. vi) Thimbles 9-Nos. vii) Bus bar 1 1/2"x1/8" (14" Long)	2	Each	208100.00	416200
7	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controles Complete in all respect as approved and (Box size 10"x14"x6") 0.486x5	2.430	P Cft	41912.65	101848
8	Suppling, Installation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of Legrand france / GE USA / Schneider German / Terasaki Japan / Abb Switzerland in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge Double pole(6-63 Amp (10 KA)	5	Each	5126.40	25632
9	Single pole(6-40 Amp (6 KA)) 20x5	50 100	Each	866.40	43320 86640
10	Providing and fixing of LED flood light 100watts power (Philips made) etc complete in all respect as approved by the Engineer Incharge.	15	Each	21000.00	315000

Supply and erection of street light with poles.

Quotation for MV Switchgear.

M/s. The Executive Engineer (C&W).

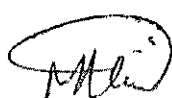
Ref: D/FM/464723/14352 Dated 19-12-22

03 11KV INDUSTRIAL PANEL**01 SET.**

Sr.#	Description of each Component	Make	Quantity
01	630A TP 11KV Vacuum Circuit Breaker (VCB) 17.5KV 25KA ➤ BIL 95KV, Draw Out Type (DOT), Closing Coil 110VDC, Trip Coil 110VDC, Motor Mechanism (MOM) 230VAC. Complete in all aspect.	Hyundai/Faraday Elec./Eqv.	01 No.
02	Electronics IDMT/S/C, O/C, E/F Relay	Schneider/Eqv.	01 No.
03	11kV Current Transformers ***/5A For Protection	Metelx/Fico	03 Nos.
04	11kV Current Transformers ***/5A For Metering	Metelx/Fico	03 Nos.
05	Voltage Transformer 11Kv/110V	Metelx/Fico	03 Nos.
06	Ampere Meter	Lumel/Frer/Entes/	01 No.
07	Ampere Selector Switch 4-position.	GGT/MERZ/Breter	01 No.
08	Volt Meter 96x96 0-15KV	Lumel/Frer/Entes/	01 No.
09	Volt Selector Switch 4-position.	GGT/MERZ/Breter	01 No.
10	Push Button 25MM For VCB	Schneider/Himel/Eqv.	02 Nos.
11	Indication Lamp 25MM 110VAC/110VDC	Schneider/Himel/Eqv.	04 Nos.
12	6A Control MCB TP 6KA,	ABB/GE/Eqv.	01 No.
13	6A Control MCB DP 6KA,	ABB/GE/Eqv.	02 Nos.
14	Auxiliary Contact 2NO+2NC	ABB/GE/Eqv.	01 No.
15	Auxiliary Contact 2NO+2NC	ABB/GE/Eqv.	01 No.
16	Capacitor Trip Unit	E-Lab	01 No.
17	Surge Arrester 5 to 15Kv	Chint/Eqv.	03 Nos.
18	11kv Insulator for Fitting Arrangement Bus Bar	Jeorjordan/Eqv.	01 Job.
19	Control & CTs Terminal Block	Kelmsion/wiland	01 Set.
20	Copper Bus Bar Arrangement as per WAPDA SPEC		01 Job.
21	Heat Shrink Salve for Copper Bus Bar as per WAPDA Spec		01 Job.
22	Fiber & Backled Sheet as per WAPDA Spec		01 Job.
23	Provision of installation of kWh/kVARH Meter		01 Job

04 11KV TRANSFORMER PROTECTION PANEL**01-SET.**

Sr.	Description of Component	Make	Quantity
01	11KV VCB 17.5KV 25KA complete	Hyundai/Faraday Elec./Eqv.	01 No.
02	Electronics IDMT/S/C, O/C, E/F Relay/ Test Block	Schneider/Eqv.	01 No.
03	11KV Current Transformer 400/200/5A for Protection	Metelx/Fico	03 Nos.
04	11KV Current Transformer 50/5A for Metering	Metelx/Fico	03 Nos.
05	Ampere Meter 0-***/5	Lumel/Frer/Entes/	01 No.
06	Ampere Selector Switch	GGT/MERZ/Breter	01 No.
07	Volt Meter 0-15KV	Lumel/Frer/Entes/	01 No.
08	Volt Selector Switch	GGT/MERZ/Breter	01 No.
09	Push Button For VCB	Schneider/Himel/Eqv.	02 Nos.
10	Indication Lights 25MM 110VAC/110VDC	Schneider/Himel/Eqv.	04 Nos.
11	6A Control MCB TP 6KA	ABB/GE/Eqv.	01 No.
12	6A Control MCB DP 6KA	ABB/GE/Eqv.	02 Nos.
13	Auxiliary Contact 2NO+2NC	ABB/GE/Eqv.	02 Nos.
14	Capacitor Trip Unit	E-Lab	01 No.
15	11KV Insulator for Fitting Arrangement Bus Bar	Jeorjordan	09 Sets.
16	Control & CTs Terminal Block	Kelmsion/wiland	01 Set.
17	10/12SWG Powder Painted Cubicle. Size 7'2"X3'X6' Each 126Cft	PEMPAK	01 No.
18	630A Electrolyte Copper Bus Bar for Main & Link as per WAPDA standard 3x1x0x6mm	PEMPAK	01 Job.
19	1-1/2" Fiber glass insulator for bus bar mounting	PEMPAK	04 Nos.
20	Wiring, Wiring Cables, Thimbles, Sleeves, Cable Tray and other wiring accessories.	PEMPAK	01 Job.



Engr. M. Ali Anwar
Asst. Manager Marketing
0345-400-9982



Engr. Ahmad Fawad
Manager Marketing
0345-400-9981

PERFECT ELEKTRO MEK PAKISTAN (PVT.) LIMITED

PEMPAK

Plot No 4, Adj. ATS Lane, Kacha Industrial Estate,
4-Km Kahna Kacha Road, Lahore - Pakistan.
UAN: +92-42-111-736725 (111-PEMPAK)
Ph: +92-42-3597-8060-63
E-mail: info@pempak.com http://www.pempak.com

Ref.: D/FM/464723/14352
Jamadi Ul Awal 24, 1444AH.
December 19, 2022

The Executive Engineer (C&W)
Building Department
Kasur-Pakistan.

Subject:
Project:

QUOTATION FOR MEDIUM VOLTAGE SWITCHGEAR. (HT Panels)
Revamping Of DHQ Hospital Kasur

Dear Sir,

Thank you very much for your subject inquiry. We have gone through your requirement and are pleased to submit our most competitive and comprehensive offer accordingly as under.

- This Covering Letter.
- Schedule of Prices.
- Schedule of Specifications.

The summary of our offer is as under:

Sr.	Description	Amount
01	Medium Voltage Switchgear: <i>(Complete in all aspect as per your Requirements).</i>	
	Total Amount of Offer (Excluding GST):	Pak Rs. 12,025,000.00
	17% Add-GST:	Pak Rs. 2,044,250.00
	Net Amount of Offer (Including GST):	Pak Rs. 14,069,250.00
	Pak Rupees: Fourteen Million Sixty-Nine Thousand Two Hundred and Fifty Only.	12,025,000.00

Twelve Million Twenty Five Thousand Only.

This offer is based on the following Terms and conditions:

- ❖ The prices Ex-works duly Packed for inland transportation.
- ❖ Payment will be 50% advance, balance after final inspection to your entire satisfaction against delivery at our floor.
- ❖ The completion period will be 12-14 weeks after the technically and financially confirmed order
- ❖ The equipment will be under complete Guarantee/Warranty for the period of one year.
- ❖ The prices are valid for 30 days afterwards subject to the reconfirmation.
- ❖ The components offered are subject to the availability otherwise approved equivalent.
- ❖ The standard and latest amended Force Majeure clause will be fully applicable throughout the contract.
- ❖ The offer is based on the present duties/Taxes structure. Any change will be charged at actual.

It may be your interest that the equipment being offered is with total quality control features for trouble free and long-life field performance equipped with field tested components backed by the quality of commitment, the real essence of PEMPAK.

We are confident that the offer will meet your requirement and your valued order will be placed on us. Please feel free to contact us for any further information on the subject. We will be pleased to come up to your convenience.

Thanking you in Anticipation.

Perfectly yours,

Engr. M. Ali Anwar
Asst. Manager Marketing
0345-400-9982

Engr. Ahmad Fawad
Manager Marketing
0345-400-9981

PERFECTION WITH CONVENIENCE

Page: 1/1
 Quotation for M.V Switchgear.
 The Executive Engineer (C&W)
 Ref: D/FM/464723/14352 Dated 19-12-22

SCHEDULE OF PRICES FOR MEDIUM VOLTAGE SWITCHGEAR.

Project: Revamping Of DHQ Hospital Kasur

PRICES:

Sr.	Description of Equipment	Quantity	Rate	Amount
M.V SWITCHGEAR (Complete in all aspect as per your Requirements).				
01	11KV GRID END PANEL	01 Set.	2,650,000.00	2,650,000.00
02	11KV CHANGE OVER PANEL	01 Set.	4,650,000.00	4,650,000.00
03	11KV INDUSTRIAL PANEL	01 Set.	2,450,000.00	2,450,000.00
04	11KV TRANSFORMER PROTECTION PAEL	01 Set.	2,275,000.00	2,275,000.00
Total Amount of Offer All items (Excluding GST):			Pak Rs.	12,025,000.00
Total Amount of Offer All Equipment (Excluding GST):			Pak Rs.	12,025,000.00

Notes:

- The quoted prices are with given specifications of components. Any change in make, brand, specifications or origin will affect the prices.
- All components will be genuine and brand new purchased from the sole agent in Pakistan.
- The Scope of work is limited to Ex-works delivery only duly packed for inland Transportation.



Engr. M. Ali Anwar
 Asst. Manager Marketing
 0345-400-9982



Engr. Ahmad Fawad
 Manager Marketing
 0345-400-9981

SCHEDULE OF SPECIFICATION FOR MEDIUM VOLTAGE SWITCHGEAR

HT (MV) SUB-STATION EQUIPMENT: PEMPAK make, 12/14 SWG mild steel sheet fabricated, free standing, floor mounting, indoor type suitable for 11kV 3-phase, 50Hz system, Powder painted complete in all respect including Electrolytic hard drawn Copper bus bars, Shutters, internal wiring and cable termination arrangement etc with following standards:

01 11KV GRID END PANEL.

01-SET.

Sr.#	Description of each Component	Make	Quantity
01	11KV VCB 630A 17.5KV 25KA complete.	Hyundai/Faraday Elec./Eqv.	01 No.
02	Electronics IDMT/S/C, O/C, E/F Relay	Schneider/Eqv.	01 No.
03	11kV Current Transformers 400/200/5A For Protection	Metelx/Fico	03 Nos.
04	11kV Current Transformers 50/5A For Metering	Metelx/Fico	03 Nos.
05	Voltage Transformer 11Kv/110V	Metelx/Fico	03 Nos.
06	Ampere Meter 0-100/400A	Lumel/Frer/Entes/	01 No.
07	Ampere Selector Switch 4-position.	GGT/MERZ/Breter	01 No.
08	Volt Meter 96x96 0-15Kv	Lumel/Frer/Entes/	01 No.
09	Volt Selector Switch 4-position.	GGT/MERZ/Breter	01 No.
10	Digital KWH Meter with MDI+KVRH 3-PHASE	Blue Star/Eqv.	01 No.
11	Push Button 25MM For VCB	Schneider/Himel/Eqv.	02 Nos.
12	Indication Lamp 25MM 110VAC/110VDC	Schneider/Himel/Eqv.	04 Nos.
13	6A Control MCB TP 6KA,	ABB/GE/Eqv.	01 No.
14	6A Control MCB DP 6KA,	ABB/GE/Eqv.	04 Nos.
15	Auxiliary Contact 2NO+2NC	ABB/GE/Eqv.	01 No.
16	Auxiliary Contact 2NO+2NC	ABB/GE/Eqv.	01 No.
17	DC Supervision Relay	E-Lab	01 No.
18	Surge Arrester 5 to 15Kv	Chint/Eqv.	03 Nos.
19	11kv Insulator for Fitting Arrangement Bus Bar	Jeorjordan/Eqv.	01 Job.
20	Control & CTs Terminal Block	Kelmsion/wiland	01 Set.
21	Copper Bus Bar Arrangement as per WAPDA Spec: P44:96		01 Set.
22	Heat Shrink Salve for Copper Bus Bar as per WAPDA Spec: P44:96		01 Set.
23	Fiber & Backled Sheet as per WAPDA Spec: P44:96		01 Set.

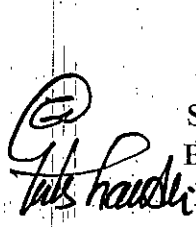
02 11KV HT CHANGEOVER PANEL

01 SET.

Sr.#	Description of each Component	Make	Quantity
01	630A TP 11KV Vacuum Circuit Breaker (VCB) 17.5KV 25KA > BIL 95KV, Draw Out Type (DOT), Closing Coil 110VDC, Trip Coil 110VDC, Motor Mechanism (MOM) 230VAC. Complete in all aspect.	Hyundai/Faraday Elec./Eqv.	02 Nos.
02	Electronics IDMT/S/C, O/C, E/F Relay	Schneider/Eqv.	02 Nos.
03	11kV Current Transformers **/5A For (Metering & Protection)	Metelx/Fico	06 Nos.
04	Voltage Transformer 11KV/110V	Metelx/Fico	06 Nos.
05	Ampere Meter 96*96MM	Lumel/Frer/Entes/	02 Nos.
06	Ampere Selector Switch 4-position.	GGT/MERZ/Breter	02 Nos.
07	Volt Meter 96*96MM	Lumel/Frer/Entes/	02 Nos.
08	Volt Selector Switch 4-position.	GGT/MERZ/Breter	02 Nos.
09	Push Button 25MM For VCB	Schneider/Himel/Eqv.	04 Nos.
10	Indication Lamp 25MM 110VAC/110VDC	Schneider/Himel/Eqv.	10 Nos.
11	6A Control MCB TP 6KA,	ABB/GE/Eqv.	02 Nos.
12	6A Control MCB DP 6KA,	ABB/GE/Eqv.	02 Nos.
13	Auxiliary Contact 2NO+2NC	ABB/GE/Eqv.	02 Nos.
14	Capacitor Trip Unit	E-Lab	01 No.
15	11kV Insulator for Fitting Arrangement Bus Bar	Jeorjordan/Eqv.	02 Sets.
16	Digital KWH Meter with MDI+KVRH 3-Phase	Blue Star/Eqv.	02 Nos.
17	ATS Module	E-Lab	01 No.
18	Auto/Manual Selector Switch	GGT Italy	01 No.
19	Control & CTs Terminal Block	Klemsan/Weiland	02 Sets.
20	Cable Gland Arrangement	PEMPAK	02 Sets.
21	Heat Shrink Sleeve for Copper Bus Bar as per Rating.		02 Sets.

Sr. No.	Description of Item	Qty		Rate	Amount
11	S/E of LED Bulb 12-watts (Philips or Equivalent) complete in all respect as approved by the engineer incharge.	325 100	Each	426.00	92600 42600
12	Supply & Errection of Power Plug 20Amp Combined with switch with porcelain base (Bush Hilife) etc complete in all respect as approved by engineer incharge.	117 60	Each	495.00	57915 29700
13	Supply & Errection of Light Plug 30/35 Amp Combined with switch with porcelain base (Bush Hilife) etc complete in all respect as approved by engineer incharge.	208 150	Each	495.00	102960 74250
14	R/O China plate 8+2 size i/c all necessary fittings complete in all respect (Opal / equivalent)	61	Each	2550.00	155550
ii	R/O China plate 6+2 size i/c all necessary fittings complete in all respect (Opal / equivalent)	143 100	Each	2076.00	301020 207600
iii	R/O China plate 4+2 size i/c all necessary fittings complete in all respect (Opal / equivalent)	78 40	Each	1836.00	143208 73440
iv	R/O China plate 2+2 size i/c all necessary fittings complete in all respect (Opal / equivalent)	66 40	Each	1400.00	92400 56000
15	Supply and Errection of energy saver 100-Watt (Philips made or Equivalent) as per approved manufacturer etc complete as per Approved by the Engineer Incharge.	45 30	Each	2526.00	113670 75780
16	P/F Exhaust fan 18" sweep etc complete (Iron body) etc complete	7	Each	4500.00	31500
17	Sup. LT cable 400wom 4/c 600/110valls non-armoured	45	Each	1465	65925
				Total	3293837
				Say Rs.	3293800


Total :- 2490533


 Sub Divisional Officer
 Buildings Sub Division
 Kasur

PUBLIC HEALTH

Sr: No.	Description of Item	Qty		Rate	Amount
1	P/F glazed earthen ware W.C europen type (Porta made) i/c seat & seat cover etc complete in all respect as approved by the Engineer In-charge	26	Each	17100.00	444600
2	P/F Earthen ware Wash hand basin (Porta made) etc complete in all respect as approved by the Engineer In-charge	29	Each	9800.00	284200
3	P/F P trap 4" dia galzed	62	Each	218.40	13541
4	P/F bib cock 1/2" dia	27	Each	466.20	12587
5	P/F Neck cock 1/2" dia	28	Each	466.20	13054
6	P/F Tee stop cock	85	Each	886.20	75327
7	P/F Double bib cock 1/2" dia Sonex made complete in all respect as approved by the Engineer In-charge	47	Each	5750.00	270250
8	P/F PVC tee 4" dia	48	Each	1355.50	65064
9	P/L PVC bend 4" dia	48	Each	470.35	22577
10	P/F Looking glass 22"x16" 5mm thick.	31	Each	582.65	18062
11	P/F glazed earthen ware water closet european type (Porta made) i/c seat & seat cover etc complete in all respect as approved by the Engineer In-charge (Commode)	26	Each	27000.00	702000
12	P/F double cover & Seat only plastic	26	Each	391.20	10171
13	P/F Plastic soap dish, plastic toilet paper holder, plastic towal rail & plastic shelf 24"x5"	42	Each	6600.00	277200
14	P/F Hanle valve 1/2" dia	6	Each	937.20	5623
ii	P/F Hanle valve 3/4" dia	14	Each	1381.20	19337
iii	P/F Hanle valve 1" dia	23	Each	1621.20	37288
iv	P/F Hanle valve 2" dia	10	Each	2497.20	24972
15	P/F Floor trap jali	58	Each	514.40	29835
16	Providng and fixing Muslim Shower with flexible pipe (Sonex made)complete in all respect as approved by the Engineer In-charge	41	Each	3950.00	161950
17	Providing fixing water supply PPRC pipe line PN20 (Dedex / Beta) in treenches with therat / fusion joint (Without) cost or special i/c cost of solution of same quality complete in all respect 25 mm (N.S)	547	P Rft	53.55	29292
ii	---do--- 50mm	1501	P Rft	199.60	299600
ii	---do--- 32mm	922	P Rft	85.80	79108
18	Providng and fixing Plastic made low down Flushing cistern 13.63 litres (3-GLns) capacity i/c Bracket set Copper connection(Sonex Made) complete in all respect as approved by the Engineer In-charge	25	Each	6600.00	165000
19	P/F Air pipe / Vent pipe 2" dia (PVC / UPVC)	118	P Rft	177.15	20904
20	P/F reducer 4"x2"	8	Each	700.00	5600
21	P/F PVC socket 4" dia	104	Each	286.65	29812
22	P/F Vanity under counter basin i/c making holes with 02-Nos. glazed earthen ware sink with coupling pipe and sink mixture with china verona marble etc complete in all respect as approved by the engineer incharge.	12	Each	61700.00	740400
23	P/F sink / basin mixture etc complete	27	Each	6481.55	175002

Sr: No.	Description of Item	Qty		Rate	Amount
24	P/F Elbow 90 degree 4" dia	63	Each	950.00	59850
25	P/F Elbow 4" dia	22	Each	650.00	14300
26	P/F side pillar cock	17	Each	1486.20	25265
				Total	4131769
				Say Rs.	4131800


Sub Divisional Officer
Buildings Sub Division
Kasur

EXTERNAL ROAD / WALK WAY

1 Excavation in Foundation of Building / Bridges and other Structures, including degbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain in ordinary soil.

New room to incicator	2	x	104 1/4	x	1 1/2	x	1	313	Cft
	2	x	144	x	1 1/2	x	1	432	Cft
	2	x	69 1/2	x	1 1/2	x	1	209	Cft
Ramp	2	x	18	x	1 1/2	x	1	54	Cft
Filt Plant 100+55	2	x	155	x	1 1/2	x	1	465	Cft
								1473	Cft
								8727.85	%oCf 128

Total Rs. 8727.85 %oCf 128

2 P/L dry rammed brick ballast 1 1/2" to 2" gauge

New room to incicator	2	x	104 1/4	x	1 1/2	x	1/4	78	Cft
	2	x	144	x	1 1/2	x	1/4	108	Cft
	2	x	69 1/2	x	1 1/2	x	1/4	52	Cft
Ramp	2	x	18	x	1 1/2	x	1/4	14	Cft
Filt Plant 100+55	2	x	155	x	1 1/2	x	1/4	116	Cft
								368	Cft
								5794.80	%Cft 213

Total Rs. 5794.80 %Cft 213

3 Filling earth under floor excavated from outside lead upto 3- miles.

Colony to Gyne Ramp 1	1	x	14 3/4	x	16 5/8	x	3/4	184	Cft
Ramp 2	1	x	15 3/4	x	9 1/8	x	3/4	108	Cft
Ramp 3	1	x	27 1/4	x	9 3/4	x	1/2	133	Cft
Ramp 4	1	x	18 1/2	x	11 1/4	x	3/4	156	Cft
Out Exter	1	x	27 1/2	x	9 1/2	x	1	261	Cft
Gyne to TV ramp front	1	x	27 1/4	x	14	x	1	382	Cft
Plinth End exter	1	x	46	x	7 1/4	x	1/2	500	Cft
New room to in	1	x	104 1/4	x	16 1/2	x	1/2	2580	Cft
	1	x	144	x	10 1/4	x	1/2	2214	Cft
	1	x	69 1/2	x	10 5/8	x	1/4	923	Cft
Ramp	1	x	18	x	17 1/4	x	1/2	466	Cft
Ramp Lawn	1	x	24	x	5 1/4	x	1	126	Cft
Chld ward to Gass Cli	1	x	155	x	10 1/4	x	2 1/2	3972	Cft
Ramp	1	x	25	x	18	x	2	900	Cft
Canteen B/S to F Plant	1	x	80	x	10	x	1	800	Cft
	1	x	52	x	22	x	1 1/4	1430	Cft
	1	x	25	x	15	x	1 1/4	469	Cft
	1	x	7	x	15	x	1 1/4	131	Cft
Medical Store path way	1	x	120	x	8	x	1	960	Cft
	1	x	25	x	30	x	1	750	Cft
Road 7	1	x	60	x	11 1/2	x	1 1/2	1035	Cft
	1	x	55	x	45	x	1	2475	Cft
Road 8	1	x	108	x	12	x	1 1/4	1620	Cft
New room	1	x	28	x	14	x	1	392	Cft
Plinth	1	x	22	x	2	x	2 1/2	110	Cft
	1	x	32	x	2	x	2 1/2	160	Cft
								23237	Cft
								13228.60	%oCf 3073

Total Rs. 13228.60 %oCf 3073

4 Sand Filling under floor

	1	x	22	x	14 3/4	x	1/3	107	Cft
--	---	---	----	---	--------	---	-----	-----	-----

	1	x	14 7/8	x	16 5/8	x	1/3	82	Cft
	1	x	15 7/8	x	9 1/8	x	1/3	48	Cft
	1	x	27 1/3	x	9 7/8	x	1/3	89	Cft
	1	x	18 1/2	x	11 1/3	x	1/3	69	Cft
	1	x	27 1/2	x	9 3/8	x	1/3	85	Cft
	1	x	16 5/8	x	10 5/8	x	1/3	58	Cft
	1	x	239	x	10 1/4	x	1/3	808	Cft
	1	x	77 1/3	x	17 7/8	x	1/3	456	Cft
	1	x	40 1/4	x	9 1/2	x	1/3	126	Cft
	1	x	5	x	3 1/2	x	1/3	6	Cft
	1	x	17 1/4	x	15 1/2	x	1/3	88	Cft
	1	x	9	x	9 5/8	x	1/3	29	Cft
	1	x	14 1/2	x	4 1/4	x	1/3	20	Cft
	1	x	6	x	2	x	1/3	4	Cft
	1	x	27 1/3	x	14	x	1/2	191	Cft
	1	x	46	x	7 3/8	x	1/3	113	Cft
	1	x	104 1/4	x	16 1/2	x	1/2	860	Cft
	1	x	144	x	10 1/4	x	1/2	738	Cft
	1	x	69 1/2	x	10 5/8	x	1/2	369	Cft
	1	x	155	x	10 1/4	x	1/3	524	Cft
	1	x	25	x	18	x	1/3	149	Cft
	1	x	80	x	10	x	1/3	264	Cft
Road 7	1	x	60	x	11 1/2	x	1/3	228	Cft
	1	x	55	x	45	x	1/3	817	Cft
Road 8	1	x	108	x	12	x	1/3	428	Cft
New room	1	x	28	x	14	x	1/3	129	Cft

Total Rs. 6886 Cft 2863.20 %Cft 1971

5. P/L dry rammed brick ballast 1.1/2" to 2" gauge

Ramp 1	1	x	22	x	14 3/4	x	1/2	162	Cft
Colony to Gyne Ramp 1	1	x	14 3/4	x	16 5/8	x	3/8	92	Cft
Ramp 2	1	x	15 3/4	x	9 1/8	x	1/4	36	Cft
Ramp 3	1	x	27 1/4	x	9 3/4	x	3/8	100	Cft
Ramp 4	1	x	18 1/2	x	11 1/4	x	1/2	104	Cft
Out Exter	1	x	27 1/2	x	9 1/2	x	1/4	65	Cft
Al-H	1	x	16 1/2	x	10 1/2	x	3/8	65	Cft
New room to in	1	x	104 1/4	x	15	x	1/2	782	Cft
	1	x	144	x	8 3/4	x	1/2	630	Cft
	1	x	69 1/2	x	9 1/8	x	1/2	317	Cft
Ramp	1	x	18	x	17 1/4	x	1/2	155	Cft
Ramp Lawn	1	x	24	x	5 1/4	x	1/2	63	Cft
W. filt plant	1	x	18	x	12	x	1/3	72	Cft
Child ward to Gass Cli	1	x	155	x	8 3/4	x	1/3	448	Cft
Ramp	1	x	25	x	18	x	3/8	169	Cft
Canteen B/S to F Plant	1	x	80	x	8 1/2	x	3/8	255	Cft
	1	x	52	x	20 1/2	x	1/4	267	Cft
	1	x	25	x	15	x	1/4	94	Cft
	1	x	7	x	15	x	1/4	26	Cft
Medical Store path way	1	x	120	x	6 1/2	x	3/8	293	Cft
	1	x	25	x	30	x	3/8	281	Cft
Road 7	1	x	60	x	11 1/2	x	1/2	345	Cft
	1	x	55	x	45	x	1/2	1238	Cft
Road 8	1	x	108	x	12	x	1/2	648	Cft

New room	1	x	28	x	14	x	1/2		196	Cft	
								Total	6901	Cft	
							@	Rs.	5794.80	%Cft	3998
6 Pacca brick work 1:6 in cement sand mortar F&P.											
Road 1 5x100+27 colony to Gyne	2	x	527	x	3/4	x	3/4		593	Cft	
Ramp A 12	2	x	22	x	3/4	x	3/8		12	Cft	
Ramp 1	2	x	14 3/4	x	3/4	x	3/8		8	Cft	
Ramp 2	2	x	15 3/4	x	3/4	x	1/2		12	Cft	
Ramp 3	2	x	27 1/4	x	3/4	x	3/4		31	Cft	
Ramp 4	2	x	18 1/2	x	3/4	x	3/4		21	Cft	
Out exton	2	x	27 1/2	x	3/4	x	3/8		15	Cft	
Ramp A 11	2	x	16 1/2	x	3/4	x	3/8		9	Cft	
Gayne to TV	2	x	239	x	3/4	x	3/4		269	Cft	
	2	x	70 1/4	x	3/4	x	3/8		40	Cft	
	2	x	40 1/4	x	3/4	x	1/2		30	Cft	
	2	x	5	x	3/4	x	1/2		4	Cft	
	2	x	17 1/4	x	3/4	x	1/2		13	Cft	
	2	x	9	x	3/4	x	1/2		7	Cft	
	2	x	14 1/2	x	3/4	x	1		22	Cft	
	2	x	6	x	3/4	x	3/8		3	Cft	
	2	x	27 1/4	x	3/4	x	1/2		20	Cft	
	2	x	46	x	3/4	x	1/2		35	Cft	
Ent exten H/C	2	x	104 1/4	x	3/4	x	1 1/2		235	Cft	
	2	x	144	x	3/4	x	1 1/2		324	Cft	
	2	x	69 1/2	x	3/4	x	1 1/2		156	Cft	
	2	x	18	x	3/4	x	1 1/2		41	Cft	
	1	x	24	x	3/4	x	2		36	Cft	
	2	x	4	x	3/4	x	4		24	Cft	
	2	x	155	x	3/4	x	3		698	Cft	
	2	x	30	x	3/4	x	2 1/2		113	Cft	
	2	x	80	x	3/4	x	1 1/4		150	Cft	
	2	x	52	x	3/4	x	1 1/2		117	Cft	
	2	x	35	x	3/4	x	1 1/4		66	Cft	
	2	x	15	x	3/4	x	1		23	Cft	
Medical Store pathway	2	x	120	x	3/4	x	1		180	Cft	
	2	x	25	x	3/4	x	1 1/4		47	Cft	
	2	x	30	x	3/4	x	1		45	Cft	
Road 3 P house	2	x	108	x	3/4	x	1		162	Cft	
New Room	2	x	14	x	3/4	x	1 1/2		32	Cft	
								Total	3590	Cft	
							@	Rs.	24593.05	%Cft	8828
7 P/L marble strips 1-1/2" x 3/8" for dividing floor											
Gayne to Colony	1	x	527						527	Rft	
	88	x	10 1/4						902	Rft	
Ramp	6	x	15						90	Rft	
	12	x	15						180	Rft	
Gay to TV	1	x	310						310	Rft	
	53	x	10 1/4						543	Rft	
Ramp	4	x	25						100	Rft	
	30	x	15						450	Rft	
Incicator room	2	x	108						216	Rft	
	20	x	16						320	Rft	
	2	x	220						440	Rft	

Oxygen clider to store

1	x	18	x	17 1/4	x	1/4	78	Cft
1	x	24	x	5 1/4	x	1/4	32	Cft
1	x	18	x	12	x	1/3	71	Cft
1	x	155	x	10 1/4	x	1/3	524	Cft
1	x	25	x	18	x	1/4	113	Cft
1	x	80	x	10	x	1/3	264	Cft
1	x	52	x	22	x	1/3	378	Cft
1	x	25	x	15	x	1/3	124	Cft
1	x	7	x	15	x	1/3	35	Cft
1	x	120	x	8	x	1/3	317	Cft
1	x	25	x	30	x	1/3	248	Cft
1	x	27 1/3	x	14	x	1/3	126	Cft
1	x	60	x	11 1/2	x	1/3	228	Cft
1	x	55	x	45	x	1/3	817	Cft
1	x	108	x	12	x	1/3	428	Cft
1	x	16	x	12	x	1/3	63	Cft
1	x	28	x	14	x	1/3	129	Cft
1	x	90	x	3	x	1/3	89	Cft
2	x	15	x	2 1/2	x	1/3	25	Cft

Total Rs. 9206 Cft
@ Rs. 35597.21 %Cft 32770

9 Dismantling brick or flagged flooring etc complete.

1	x	45	x	55	2475	Sft
1	x	160	x	3	480	Sft
1	x	100	x	3	300	Sft
1	x	110	x	9	990	Sft
1	x	150	x	35	5250	Sft
1	x	255	x	13	3315	Sft

Total Rs. 12810 Sft
@ Rs. 700.15 %Sft 8968

10 Providing and laying Tuffpavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grout with sand in joints i/c finishing to require slope. complete in all respect. (50% Grey / 50% Coloured)

60-MM

Gayne ramp	1	x	100	x	3	300	Sft
Front Dialysis	1	x	150	x	35	5250	Sft
Front parking	1	x	255	x	13	3315	Sft

Total Rs. 8865 Sft
Rs. 4433 Sft


i 50% New tile 8865 x 50% 20.1

@ Rs. 121.35 P Sft 5379

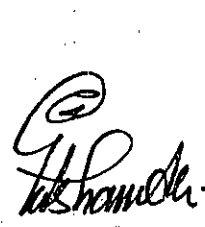
ii 50% only labour 8865 x 50% 60.1

@ Rs. 20.10 P Sft 8910

Total Rs. 5969972
Say Rs. 5970000


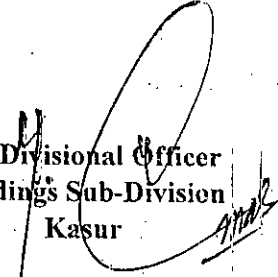

Sub Division Officer
Buildings Sub Division
Kasur

Ramp	5 x 19 x 3/4 x 4	285	Cft	
		Total	726	Cft
		@ Rs.	26646.95	%Cft 193557
7 1/2" thick cement plaster 1:4 on walls.				
	15 x 11 x 4	660	Sft	
	8 x 11 x 3 1/2	308	Sft	
	5 x 19 x 5 1/2	523	Sft	
8x2	16 x 3 1/2 x 5 1/2	308	Sft	
8x2	16 x 3 1/2 x 5 1/2	308	Sft	
6x2	12 x 2 x 3 1/2	84	Sft	
6x2	12 x 2 x 3 1/2	84	Sft	
	4 x 3 1/2 x 2 x 4 1/2	126	Sft	
	4 x 3 1/2 x 2 x 4 1/2	126	Sft	
		Total	2527	Sft
		@ Rs.	2595.85	%Sft 65584
8 P/L P.C.C 1:2:4 complete.				
	1 x 100 x 2 x 3/4	150	Cft	
	1 x 170 x 2 x 7/8	298	Cft	
	1 x 159 x 2 1/2 x 1	398	Cft	
Dailysis side	1 x 95 x 3 x 1/2	143	Cft	
M.H	8 x 5 x 5 x 1/2	100	Cft	
Gayne	1 x 165 x 2 1/2 x 1/2	206	Cft	
M.H	6 x 3 1/2 x 3 1/2 x 1/2	37	Cft	
B/S Gayne	1 x 50 x 3 x 1/2	75	Cft	
Gaynae	1 x 78 x 3 x 1/2	117	Cft	
M.H	4 x 4 1/2 x 4 1/2 x 1/2	41	Cft	
		Total	1563	Cft
		@ Rs.	35597.21	%Cft 556384
9 P/L R.C.C. 1:2:4 in raft slab etc (using coarse sand).				
	15 x 4 x 3 1/2 x 1/2	105	Cft	
	8 x 4 x 3 1/2 x 1/2	56	Cft	
	5 x 4 x 4 x 1/2	40	Cft	
		Total	201	Cft
		@ Rs.	416.56	P Cft 83729
Fabrication of mild steel RCC i/c cutting bending laying in position making joints and fastening cost of bending wire and labour charges.				
Take Qty item No.09	201 6.75 x 0.454	615	Kg	
		Total	615	Kg
		@ Rs.	25919.30	%Kg 159513
11 P/F of M.H cover 22" dia etc complete				
12+10+8+4+6		40	Nos.	
		@ Rs.	5679.55	Each 227182
12 Construction of Burial Pit				
Detail attached				
			L.S	122800
		Total Rs.		2302098
		Say Rs.		2302100


 Sub Divisional Officer
 Buildings Sub-Division
 Kasur

EXTERNAL WATER SUPPLY

Earth work excavation in open cutting for sewers and manholes									
	1	x	140	x	1 1/2	x	2	420	Cft
	1	x	166	x	1 1/2	x	2	498	Cft
								Total	918
								Rs.	6904.35
									%oCft
									6338
2	P/L G.I pipe line (M.Q)								
	4" dia	1	x	140				140	Rft
								Total	140
								Rs.	1357.85
									P Rft
									19009
	3" dia	1	x	166				166	Rft
								Total	166
								Rs.	941.10
									P Rft
									15622
3	P/F Gun metal / gate valve 3" dia								
		4		Nos.				Total	20391.30
								Rs.	Each
									81565
Providing and hoisting vertical / horizontal type storage tank of required capacity made of rotationally molded from (HDPE), double ply polyethelene of approved manufacturer / cost of making connection for inlet / outlet pipe, float valve / call cost of specials & labour complete in all respect as approved and directed by the Engineer Incharge									
			1000	Gln				Total	92.90
								Rs.	P Gln
									9290
P/F Ejector Pump of specified Suction and Delivery heads, coupled with Single Phase Seimen Electric Motor of required rating for water supply / the cost of connection charges, necessary wire, PVC pipes etc complete in all respect as approved and directed by the Engineer Incharge. G-II (1-1/4"x3/4") with 1 HP Electric Motor, 21-Mtr Suction and 21 M delivery head									
			3	Nos.				Total	12274.20
								Rs.	Each
									3682
6	P/F PVC / UPVC pipe 4" dia		2357	Rft				Total	382.70
								Rs.	P Rft
									90202
7	P/F PVC pipe 6" dia		340	Rft				Total	755.00
								Rs.	P Rft
									25670
8	P/F PVC / UPVC pipe 4" dia D class (Parnala)		365	Rft				Total	657.40
								Rs.	P Rft
									23995
								Total Rs.	1962582
								Say Rs.	1962600





 Sub Divisional Officer
 Buildings Sub-Division
 Kasur

Water Filtration Plant

Designing, supplying, installation, testing and commissioning of Ultrafiltration plant by multinational company. (AquaGuard or Equivalent) with Arsenic removal facility coupled with prefiltration, ultrafiltration membrane (European) and activated carbon filter of 2000 litre/ hour capacity including following equipment and accessories, as per approved drawings complete in all respect as approved by the engineer incharge. (As per following specifications)

@	Rs.	1	Job
		2808000	P Job 2808000

Total Rs.	2808000
Say Rs.	2808000


Sub Divisional Officer
Buildings Sub Division
Kasur 

AMENDED ROUGH COST ESTIMATE FOR REVAMPING OF DISTRICT HEADQUARTER HOSPITAL, KASUR

COMPARATIVE STATEMENT

Sr. No	Description of item of Work	Qty	As per Original Rough Cost Estimate / A.A			As per Amended Rough Cost Estimate				Variation		REMARKS
			Unit	Rate	Amount	Qty	Unit	Rate	Amount	Excess	Saving	
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Revamping of Gaynac Block	1	P Job	7227600	7227600	1	P Job	7351800	7351800	124200	0	The estimate is prepared on the basis of Plinth Area / MRS Rates for 1st B-T Annual Period 1st January to 30 June 2022.
2	Revamping of Cardiology Block	1	P Job	3056500	3056500	1	P Job	3527900	3527900	471400	0	
3	Construction of Ramp for Dialysis Unit	1	P Job	2508900	2508900	1	P Job	3155700	3155700	646800	0	
4	Construction of Ramp for Gaynac Block	1	P Job	5536600	5536600	1	P Job	6905100	6905100	1368500	0	
5	Main Boundary Wall	1	P Job	1440100	1440100	1	P Job	1642800	1642800	202700	0	
6	Fiber Glass Shed	1	P Job	1546900	1546900	1	P Job	1593800	1593800	46900	0	
7	Security Room	1	P Job	2545400	2545400	1	P Job	3077200	3077200	531800	0	
8	Electric Installation	1	P Job	2683600	2683600	1	P Job	4167800	4167800	1484200	0	
9	Public Health	1	P Job	1003500	1003500	1	P Job	1513100	1513100	509600	0	
10	External Road (Concrete)	1	P Job	2646900	2646900	1	P Job	3766800	3766800	1119900	0	
11	External Sewerage System	1	P Job	1207300	1207300	1	P Job	1419100	1419100	211300	0	
12	External Water Supply	1	P Job	1755400	1755400	1	P Job	2170100	2170100	414700	0	
13	OHR 20000-Gallon Capacity	1	P Job	5000000	5000000	1	P Job	5400000	5400000	400000	0	

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Sl. No.	Description of item of Work	Qty.	As per Original/Rough Cost Estimate			As per Amended/Rough Cost Estimate				Variation		REMARKS
			Unit	Rate	Amount	Qty.	Unit	Rate	Amount	Excess	Saving	
14	Water Filtration Plant	1	P Job	1765000	1765000	1	P Job	2050000	2050000	285000	0	
15	Reception Counter/-Nursing Counter	1	P Job	151000	151000	1	P Job	220000	220000	69000	0	
	Total				40075200				47961200	7886000	0	
	Add 3% Contingencies				1202256				1438836	236580	0	
	Add 5% PST				2003760				2598000	594300	0	
	G. TOTAL				43281216				51798096	8516880	0	
	SAY				43281200				51798100	8516900	0	
	OR				43.281-M				51.798-M	8.517-M		

Sub Engineer

Sub Division Officer
Buildings Sub Division
Kasur

EXECUTIVE ENGINEER
BUILDINGS DIVISION
KASUR

Superintending Engineer
Buildings Circle No. 2
LAHORE.

As per A/A = 44.058 (M)
As per P/A = 51.798 (M)
Difference = 8.517 (M)
OR = 19.68

TECHNICALLY VETTED

For Rs 51.798 (Million)

Chief Engineer
Punjab Buildings Deptt.
Central Zone, Lahore.

Design Officer
Punjab Buildings Deptt.
Central Zone, Lahore.

Chief Draftsman
Punjab Buildings Deptt.
Central Zone, Lahore.

To,

The Executive Engineer,
Buildings Division,
KASUR.

No: 706/D-SE-2

Dated 03/10/2022

Subject: -

APPROVAL OF NON-STANDARDIZED RATES FOR THE WORK.

BALANCE WORK OF REVAMPING OF ALL DHQ / 15-THQ HOSPITALS IN PUNJAB
(BALANCE WORK OF REVAMPING OF DISTRICT HEAD QUARTER HOSPITAL KASUR).

Reference: - Your Letter No.7255/D, dated 01.10.2022.

As recommended by you vide letter under reference the following Non-Standardized Rates of "M/S. BOLT CONTRACTOR (PVT) Ltd." Government Contractor are hereby approved for rates and unit noted against each subject to observance of strict due all codal formalities and financial regularities: -

Sr. No.	Name of Item	Rate (Rupees)	Unit
1.	P/L Pre-cast / Pre-stressed RCC roofing of approved firms comprising of members (Girders / Slabs) of required size i/c filling of V-joints with PCC 1:2:4 using fine aggregate, ½" thick cement plaster 1:3 over roof and flush cement pointing 1:2 under neath for finishing joints of slabs complete in all respect to the satisfaction of the Engineer Incharge of work (Girders size 4"x9" & Slabs size 4 1/2'x1 1/2').	Rs.402/-	P Sft
2.	Making and Fixing heavy duty aluminum door partly open able partly fixed using approved champion coulour profiles, having chowkat frame 100x45mm, leave frame 54x46mm / 51x44mm glazing gola 15x17mm, all section 2mm thickness, using aluminum kik plate double ply (D-61) in bottom panel and 12mm thick imported glass for glazing i/c door hinged, door automatic machine i/c handle and other hardware complete in all respect as approved by the engineer incharge.	Rs.3241/-	P Sft
3.	Making and fixing steel fence on Boundary Wall 4' clear height and 6" embedded, fence comprising of M.S square bar 5/8"x5/8" vertical at apart 5" center to center, Bars punching in 2-Nos. Horizontally M.S flat 1 1/2"x3/16" from top and bottom after making holes, and making / providing vertical piller with 8-nos same squire bars & flat iron at 7.5-ft apart i/c 5/8"x1/8" M.S flat iron designing piller 1-ft embedded in P.C.C. Ratio (1:2:4), painting 3-coats, labour charges, cutting, welding assembling i/c scaffolding for hosting on wall etc complete in all respect as approved by the engineer incharge.	Rs.4642/-	P Rft
4.	Re-fixing of Jangla 4' clear height with Piller at 7.5-ft apart, 1-ft embedded in P.C.C. ration (1:2:4) i/c cost of welding, grinding and scaffolding, painting 3-coats etc complete in all respect as approved by the engineer incharge.	Rs.440/-	P Rft
5.	Providing and fixing Deluxe U-PVC Super Q-Box door with U-PVC Door Frame/Threshold (Duroframe KB1) including latch lock as approved by the Engineer Incharge complete in all respect as per drawing and manufacturer sample approved.	Rs..850/-	P Sft

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BALANCE WORK OF REVAMPING OF ALL DHQ / 15-THQ HOSPITALS IN PUNJAB (BALANCE WORK OF REVAMPING OF DISTRICT HEAD QUARTER HOSPITAL KASUR).			
Sr. No.	Name of Item	Rate (Rupees)	Unit
6.	Supplying, installation, testing and commissioning of Ultra Filtration plant (Water Purification System), having filtration capacity upto 2000 liters/hour locally prepared / designed (M/S Unison Network, Water Treatment Company or equivalent approved) assembling with International Brands equipments including following accessories as per manufactures designed specifications:-		
i.	<u>FEED PUMP-1 No</u> Low presser feed pump, stainless steel, Heavy duty and corrosion resistant with heavy heavy-duty Industrial	Brand - Green Foss Make Country - Germany Material- Stainless Steel Model - CRN-8-4 Max: Pressure- 80psi	
ii.	<u>MULTI-MEDIA FILTER-1 No</u> A FRP vessel contained silica sand, anthracite it removes the slit, dust rust and invisible suspended particles and other chemical substances from raw water.	<u>FILTER</u> Size - 16"x65" Brand - Painter Make Country - USA <u>MEDIA</u> In Multimedia Filters Gravel Media - 120kg Brand - Taiwan Silica / Brown Sand - 140kg Brand - Pakistan <u>VALVES</u> On Multimedia Filters Back wash 2" dia 3-way valve Brand- ROHS Make- Taiwan	
iii.	<u>ACTIVATED CARBON FILTER-1 No</u> A FRP vessel containing granular activated Carbon.	<u>FILTER</u> Size - 16"x65" Brand - Painter Make Country - USA <u>MEDIA</u> In Multimedia Filters Carbon Media - 50kg Brand - EZ Make Country - USA <u>VALVES</u> On Multimedia Filters Back wash 2" dia 3-way valve Brand- ROHS Make- Taiwan	
iv.	<u>ARSENIC FILTER - 1No</u> A FRP vessel containing arsenic removal media, it removes the arsenic suspended particles and other substances from raw water.	<u>FILTER</u> Size - 16"x65" Brand - Painter Make Country - USA <u>MEDIA</u> In Multimedia Filters Arsenic Media - 70kg Brand - Thailand <u>VALVES</u> On Multimedia Filters Back wash 2" dia 3-way valve Brand- ROHS Make- Taiwan	

BALANCE WORK OF REVAMPING OF ALL DHQ / TS-THQ HOSPITALS IN PUNJAB (BALANCE WORK OF REVAMPING OF DISTRICT HEAD QUARTER HOSPITAL KASUR).

105

v.	CARTRIDGE ASSEMBLY - 2No A assembly of cartridge of 5 micron used, fungus and invisible as pre-filtration removes sand, silt, dust, fungus and invisible suspended particles upto 5-micron according to internal standards and W.H.O (World Health Organization)	CARTRIDGE ASSEMBLY Model - BBJ-20-5m Brand - C.CK Make Country - Taiwan FILTER IN CARTRIDGE Model - PPY-5Micron Size - 20" Filtration Precision - 5 Micron Brand - Aqua Guard Make Country - Taiwan		
vi.	CARTRIDGE ASSEMBLY - 2No A assembly of cartridge of 1 micron used, fungus and invisible as pre-filtration removes sand, silt, dust, fungus and invisible suspended particles upto 1-micron according to internal standards and W.H.O (World Health Organization)	CARTRIDGE ASSEMBLY Model - BB-20-5m Brand - C.CK Make Country - Taiwan FILTER IN CARTRIDGE Model - PPY-5Micron Size - 20" Filtration Precision - 1 Micron Brand - Aqua Guard Make Country - Taiwan		
vii.	FRAME - 1-job Assembling / Manufacturing Stainless Steel frame for hosting, placing for complete Filtration Plant.	Material - S5 steel Size - As per site requirements.		
viii.	UF - MEMBRANE Ultra-filtration Home spring uses thousands of hollow fiber membrane standards. Each membrane strand contains billion of microscopic pores. Water pressure pushes water through these pores towards the hollow center of temperance, while blocking out contaminants larger than 0.02-microns such as bacteria, parasites and viruses. Filters water then flow through each fiber and distributed to each household fixture. Unwanted particles and micro-organisms are flushed out during the automatic cleaning cycle.	SPECIFICATIONS Peak flow Rate - 11gpm Service flow Rate - 4.5gpm Flush Volume - 12 gal Efficiency - 95% Bacteria Removal - 99.99999% Virus Removal - 99.999% Cyst Removal - 99.95% Filtration Size - 0.02 Microns Voltage - 120/230 Size - 8"x40" Brand - ERA Make Country - Taiwan		
ix.	PLUMBING WORK Plumbing work complete Filtration System with U-PVC pipe 1.5" dia i/c fittings	U-PVC Brand - ERA Make Country - Taiwan		
x.	STORAGE TANKS - 2No PE Storage water tanks, one for raw water and second for Filtered water.	Brand - Aqua Guard Make Country - Pakistan		
	i/c the cost of civil work / PCC foundation as per site / design for manufacturer requirements, all type of delivery charges, tax's (The Contractor shell submit the Certificate of Warranty for Manufacturer) and after sale service complete in all respect and entire satisfaction by the Engineer Incharge.		2808000/-	P.Job

BALANCE WORK OF REVAMPING OF ALL DHQ / 15-THQ HOSPITALS IN PUNJAB (BALANCE WORK OF REVAMPING OF DISTRICT HEAD QUARTER HOSPITAL KASUR).

Sr. No.	Name of Item	Rate (Rupees)	Unit
7.	Supply, Installation, testing and commissioning of Main Distribution Board consisting of 16-SWG M.S sheet box size 48"x36"x6" with opening able glass shutter duly powered coated paint and, locking arrangement, i/c cost of 3-No Volt meters, 1-No ampere meter, 3-No LED Neon light of different colours (R+Y+G), 1-No ampere selector switch, internal wiring complete with following Breakers as per requirement, as approved and entire satisfaction by the Engineer Incharge. <u>INCOMING</u> i) MCCB 200-Amp TPN (25-KA) 1-No. (Hitachi) <u>OUTGOING</u> i) MCCB 125-Amp TPN (15-KA) 07-Nos. (Legrand Brand) ii) MCB 5P 6 to 20 Amp (6-KA) 18-Nos. (Legrand Brand) iii) Bus bar 1 1/2"x1/8" (14" Long)	Rs. 208100/-	Each
8.	Supply and erection of switch plate 8+2 size (Ultra Series, Opal / or equivalent approved) i/c cost of switch / socket 10/15 ampere and PVC back box recessed type, labour for making masonry hole / finishing, fitting complete and entire satisfaction by the Engineer Incharge.	Rs. 2550/-	Each
9.	Supply and erection of switch plate 6+2 size (Ultra Series, Opal / or equivalent approved) i/c cost of switch / socket 10/15 ampere and PVC back box recessed type, labour for making masonry hole / finishing, fitting complete and entire satisfaction by the Engineer Incharge.	Rs. 2076/-	Each
10.	Supply and erection of switch plate 4+2 size (Ultra Series, Opal / or equivalent approved) i/c cost of switch / socket 10/15 ampere and PVC back box recessed type, labour for making masonry hole / finishing, fitting complete and entire satisfaction by the Engineer Incharge.	Rs. 1836/-	Each
11.	Supply and erection of switch plate 2+2 size (Ultra Series, Opal / or equivalent approved) i/c cost of switch / socket 10/15 ampere and PVC back box recessed type, labour for making masonry hole / finishing, fitting complete and entire satisfaction by the Engineer Incharge.	Rs. 1400/-	Each
12.	Supply and erection of LED Bulb 12-watts (Philips or equivalent) complete in all respect as approved by the engineer incharge.	Rs. 426/-	Each
13.	Supply and erection of LED flood light 100 watts, Aluminum die-cast body, Tempered glass, Safety class I, IP65 [Dust penetration-protected, jet-proof], luminous flux (system flux) 11000 lm, Input Voltage 220-240 (Philips PSU 100W or equivalent made) etc complete in all respect as approved by the Engineer Incharge.	Rs. 21000/-	Each
14.	Supply and erection of Power Plug 30 Amp Combined with switch with porcelain base (Bush Hilife or equivalent) complete in all respect as approved by engineer incharge.	Rs. 495/-	Each
15.	Supply and erection of Light Plug 20/25 Amp Combined with switch with porcelain base (Bush Hilife or equivalent) etc complete in all respect as approved by engineer incharge.	Rs. 495/-	Each
16.	Supply and erection of energy saver 100-Watt (Philips made or equivalent) as per approved manufacturer etc complete as per Approved by the Engineer Incharge.	Rs. 2526/-	Each
17.	Providing and fixing C.P Muslim Shower with one meter metal flexible pipe (Sonex or equivalent made) complete in all respect as approved by the Engineer In-charge	Rs. 3950/-	Each


BALANCE WORK OF REVAMPING OF ALL DHQ / 15-THQ HOSPITALS IN PUNJAB (BALANCE WORK OF REVAMPING OF DISTRICT HEAD QUARTER HOSPITAL KASUR).

Sr. No.	Name of Item	Rate (Rupees)	Unit
18.	Providing and fixing glazed porcelain Ceramic water closet (W.C) squatter type (Orisa pattern), combined with foot rest (Porta or equivalent made) complete in all respect as approved by the Engineer In-charge	Rs. 17100/-	Each
19.	Providing and fixing glazed earthen ware water closet European type (Commode) coupled with flushing cistern 3.63 gallon capacity (Porta or equivalent made) i/c seat & seat cover, copper connection etc complete in all respect as approved by the Engineer In-charge	Rs. 27000/-	Each
20.	Providing and fixing Plastic made low down Flushing cistern 13,63 litres (3-GLns) capacity i/c Bracket set Copper connection(Sonex Made) complete in all respect as approved by the Engineer In-charge	Rs. 6600/-	Each
21.	Providing and fixing Double bib cock 1/2" dia (Sonex or equivalent) complete in all respect as approved by the Engineer In-charge	Rs. 5750/-	Each
22.	Providing and fixing Earthen ware Wash hand basin (Porta made) etc complete in all respect as approved by the Engineer In-charge	Rs. 9800/-	Each
23.	Providing and fixing Vanity Counter 7-ft x 2-ft size, making masonry work, top RCC slab with china Verona marble, Vanity counter basin and making holes with 02-Nos in marble slab, waste coupling, pipe, basin mixture liver type, Tee Cock etc complete in all respect as approved by the engineer incharge.	Rs. 61700/-	Each

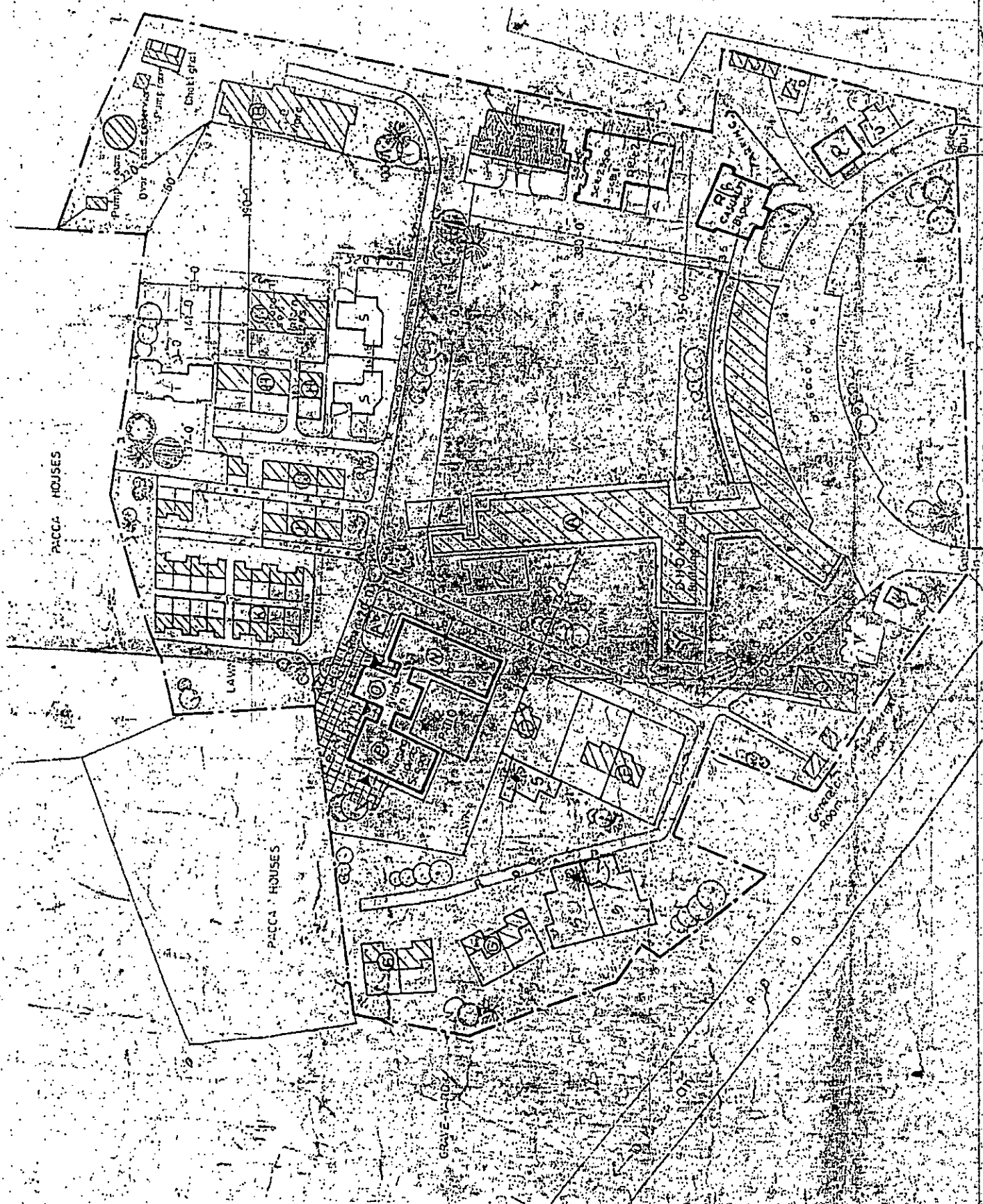
THE APPROVAL OF N.S RATES IS SUBJECT TO THE FOLLOWING CONDITIONS;

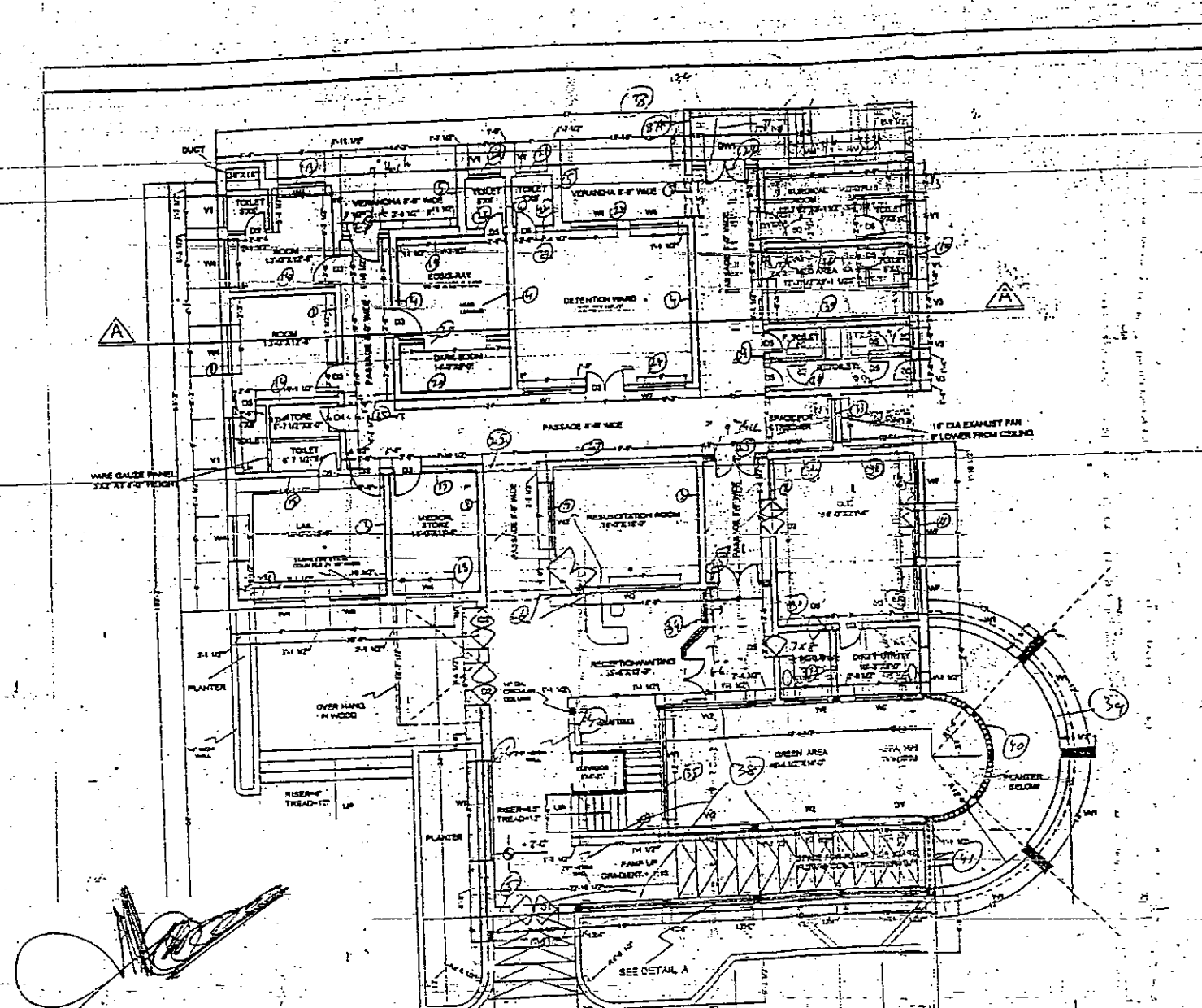
1. The approval of Items Rates is for this particular work and precedence of the same should not be made for other works of similar nature.
2. The above Non Standardized Items approved under Clause 41 of Contract Agreement. The responsibility for provision in revised approval / revised technical sanctioned estimate shall rest upon the Engineer Incharge.
3. The approval of above mentioned Non-Standardized items and their respective rates is subject to their provision in the estimate technically sanctioned by the competent authority.
4. There should be no excess over the permissible limit on the sanctioned estimate / Administrative Approval.
5. Executive Engineer should personally inspect / verify the above items with respect to actual physical execution of items at site prior to release of payment subject to provision in the technical sanction.
6. Approval of rates and analysis is only for the items detailed above. The responsibility for genuineness of requirement and necessity rest upon the Executive Engineer. The responsibility for financial implications if any like non-provision in Administrative approval / Technical Sanctioned estimate will also rest upon the Executive engineer making the payment.
7. In case of any reduction in the above Non-Standardized rates by the Finance Department due to reasons whatsoever, the recovery shall be affected from the contractor accordingly.
8. Market rate for the MRS, 1st BI-ANNUAL PERIOD 2022 have been applied according to basic rates of contract agreement other than the prevailing quotations.
9. The amount of these N.S rates should be restricted to Rs.5505749/- (Rupees Fifty Five Lac Five Thousand Seven Hundred Forty Nine Three Lac Fifty Six Thousand Eight Hundred Eleven Only). For any increase in quantity and amount the Executive Engineer will be responsible for consequence.
10. Payment of N.S item to be made after Technical sanction of the estimate.
11. In case specifications of approved Non standardized item is not followed the rates of the item should be reduced / adjusted accordingly.
12. It should be ensured that item should be as per approved specifications during execution of work.

DA/NII


SUPERINTENDING ENGINEER
Buildings Circle No.2
LAHORE

... ..





SCHEDULE OF DOOR & WINDOWS		
ITEM	SIZE	DESCRIPTION
D-1	6'-0" x 8'-0"	WOODEN FLUSH DOOR WITH GREY MAT FORBICA CLAPPED ON BOTH SIDES
D-2	5'-0" x 8'-0"	
D-3	3'-6" x 8'-0"	
D-4	3'-0" x 8'-0"	
D-5	2'-6" x 8'-0"	
D-6	2'-3" x 8'-0"	
DW-1	6'-0" x 8'-0"	ALUMINUM GLAZED SLIDING WINDOW WITH TINTED GLASS
W-1	12'-0" x 6'-6"	
W-2	10'-0" x 6'-6"	
W-3	8'-0" x 6'-6"	
W-4	8'-0" x 5'-0"	
W-5	4'-0" x 6'-6"	
W-6	4'-0" x 6'-6"	
W-7	6'-0" x 4'-0"	FIXED GLAZED ALUMINUM WINDOW
V-1	8'-0" x 2'-6"	
V-2	4'-0" x 2'-6"	
V-3	2'-6" x 2'-6"	

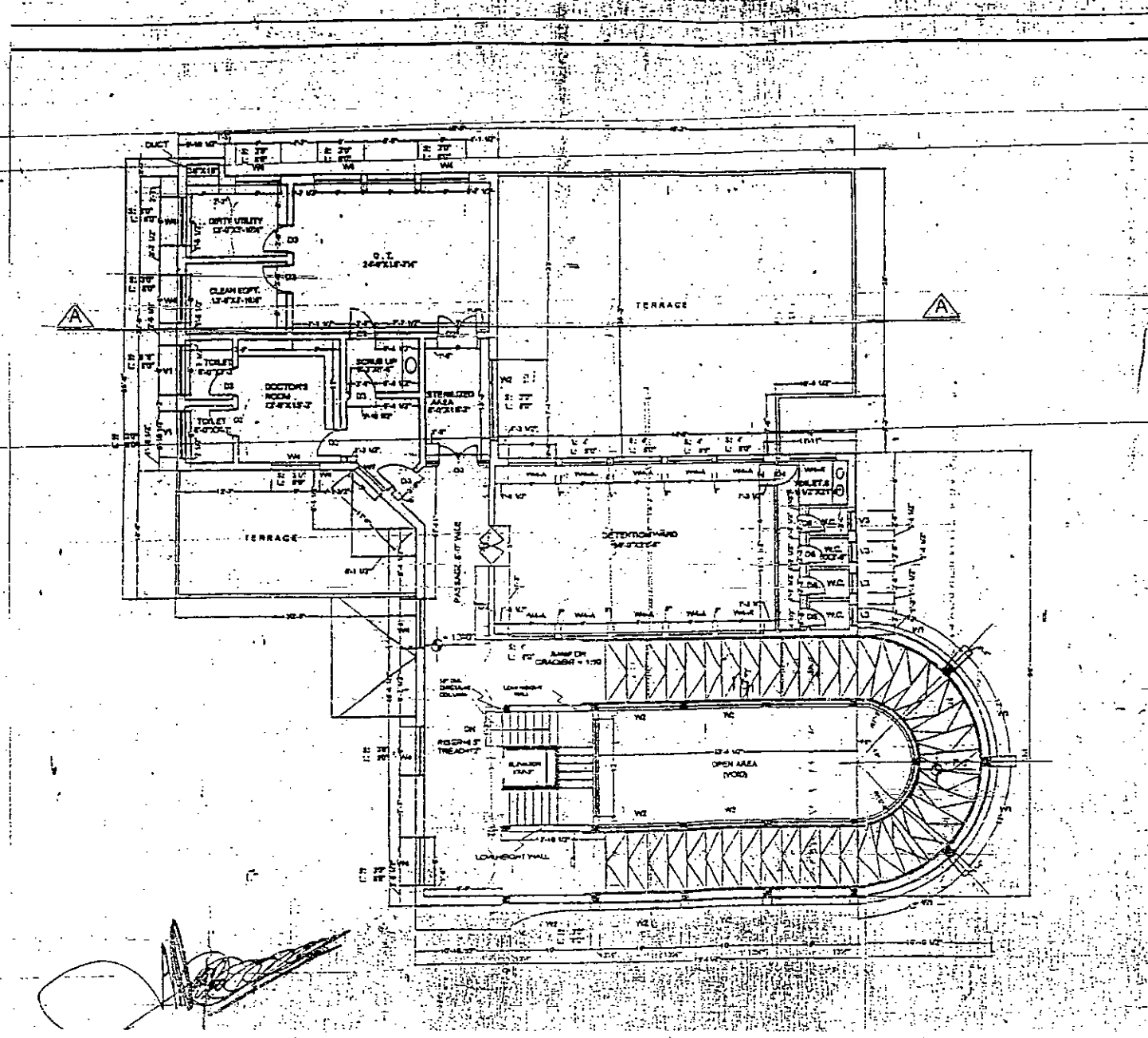
AREA STATEMENT
 GROUND FLOOR = 7,350 SFT.
 FIRST FLOOR = 50.95 SFT.
 SECOND FLOOR = 570 SFT.
 TOTAL AREA = 13,015 SFT.

PROJECT: CARDIOLOGY WARD
 AT T.H.Q. HOSPITAL
 ARIFWALA (PAKPATAN)

TITLE: GROUND FLOOR PLAN

SCHEME NO.	SUB-SCHE. NO.	DRAWING NO.	DATE
350	1	2	1/9/50

1/32" = 1'0" SCALE	
ARCHITECTURAL ASSISTANT	USMAN BIN MUNIR COMPUTER DEVELOPER
MUNEER-UL-HAQ COMPUTER DEVELOPER	SALEEM-UR-REHMAN DIRECTOR ARCHITECT
ZAHID JAWAD RAJA DIRECTOR ARCHITECT	ZAHRA ASHRAF CHIEF ARCHITECT



SCHEDULE OF DOOR & WINDOWS

ITEM	SIZE	DESCRIPTION
D-1	6'-0" x 7'-0"	WOODEN FLUSH DOOR WITH GREY MAT FORMICA CLADD ON BOTH SIDES
D-2	5'-0" x 7'-0"	
D-3	3'-6" x 7'-0"	
D-4	3'-0" x 7'-0"	
D-5	2'-6" x 7'-0"	
D-6	2'-3" x 7'-0"	
DW-1	6'-0" x 8'-0"	ALUMINUM GLAZED SLIDING WINDOW WITH TINTED GLASS
W-1	12'-0" x 6'-6"	
W-2	10'-0" x 6'-6"	
W-3	8'-0" x 6'-6"	
W-4	6'-0" x 5'-0"	
W-5A	6'-0" x 4'-0"	
W-5	4'-0" x 6'-6"	
W-6	4'-0" x 6'-6"	
W-7	6'-0" x 4'-0"	FIXED GLAZED ALUMINUM WINDOW
V-1	8'-0" x 2'-8"	
V-2	4'-0" x 2'-8"	
V-3	2'-6" x 2'-8"	

AREA STATEMENT

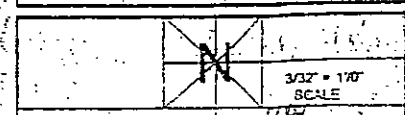
GROUND FLOOR = 7,350 SFT
 FIRST FLOOR = 50,95 SFT
 SECOND FLOOR = 570 SFT
 TOTAL AREA = 13,015 SFT

PROJECT:

CARDIOLOGY WARD
 AT T.H.Q. HOSPITAL
 ARIFWALA (PAKRATAN)

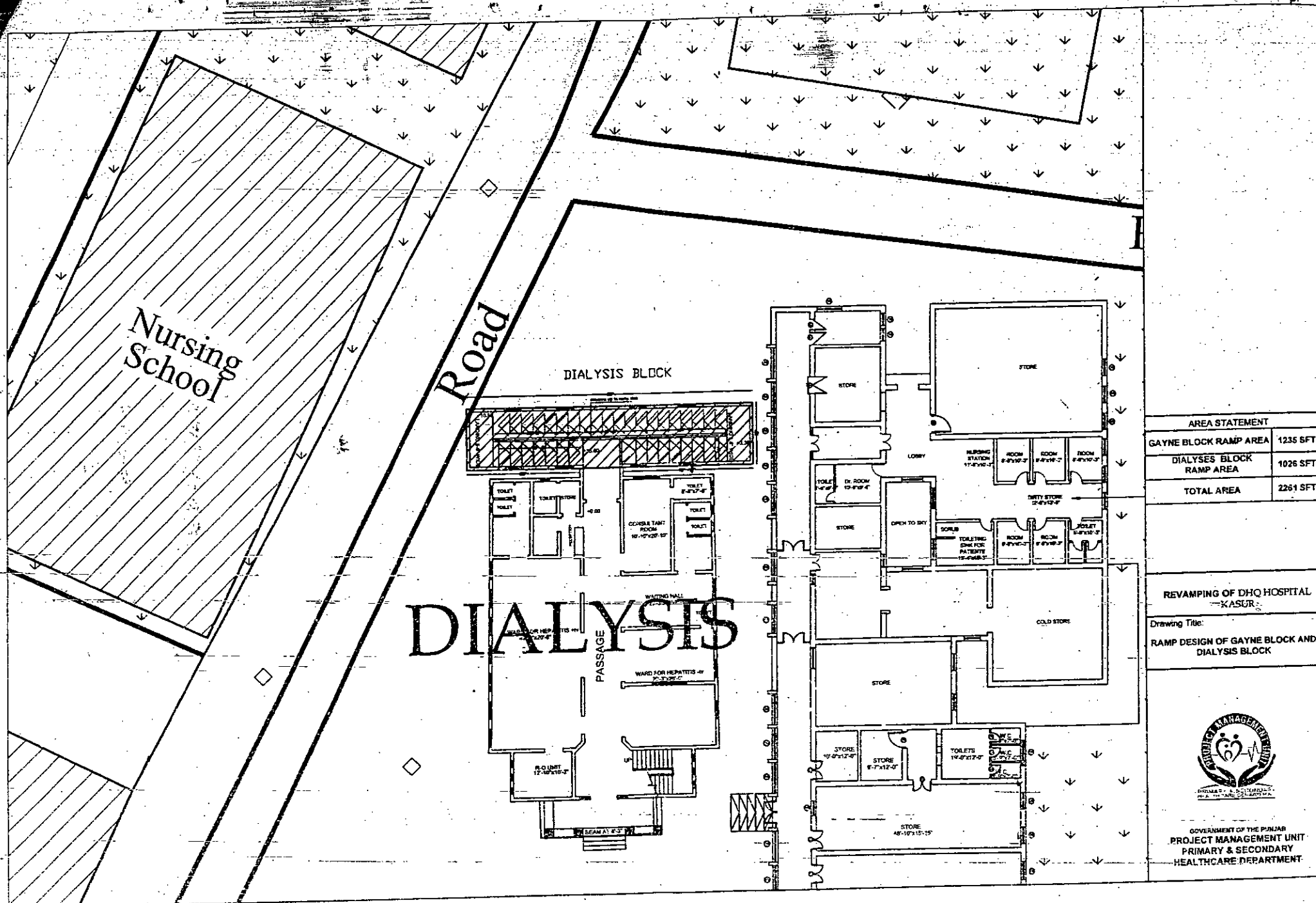
TITLE FIRST FLOOR PLAN

SCHEME NO.	SUB-SCHE. NO.	DRAWING NO.	DATE
235	1	3	21-9-05



ARCHITECTURAL ASSISTANT	USMAN BIN MUNIR COMPUTER DEVELOPER
MUNEES-UL-HAQ COMPUTER DEVELOPER	SALEEM-UR-REHMAN DIRECTOR ARCHITECT
ZAHID JAVAJD RAJA DIRECTOR ARCHITECT	ZAHRA ASHRAF CHIEF ARCHITECT

ARCHITECTURE DEPARTMENT
 OFFICE OF THE CHIEF ARCHITECT



8. ANNUAL OPERATING AND MAINTENANCE COST AFTER COMPLETION OF THE PROJECT

The Annual operating and maintenance cost after completion of the Project is Rs.15.000 million. The same may be borne by the District Health Authority of the concern District 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:LO21010516
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:LO21010516
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

No modern health facilities and scientific diagnostics are presently available in this Hospital. This initiative of revamping Hospital covers all departments and components of healthcare including Medical, Surgical, psychiatric, Cardiac, ENT, Ophthalmic and Pediatrician components. Moreover, women health components i.e. Gynea 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 Primary and Secondary Healthcare Department, the Government of Punjab.

Revenue Side:

(Rs.in Million)

	FY 2021-22	FY 2022-23
Funds Released	2.040	11.010
Utilization	1.580	1.492

Capital Side:

	FY 2021-22	FY 2022-23
Funds Released	36.058	15.740
Utilization	36.058	0.000

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.

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 gazetted and non-gazetted 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, the 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:

Laboratory fees

Diagnostic facility fees

X-Ray fee

Dental fee

ECG fee

Private room charges

Parking fee

Medico Legal Fee

Medical Certificate of New Government Employees

12. IMPLEMENTATION SCHEDULE

12.1 IMPLEMENTATION SCHEDULE/GANTT CHART

IMPLEMENTATION SCHEDULE

Starting date: 01-07-2021

Expected Completion date: 30-06-2025

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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
Balance Work of
Revamping of all
DHQ / 15 THQ
Hospitals in Punjab

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

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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:

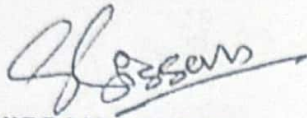
Tel. No.:

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 "Balance work of Revamping of DHO Kasur (1st Revised)" has been prepared on the basis of instruction provided by the Planning Commission for the preparation of PC-I for Social Sector projects.

Prepared By:

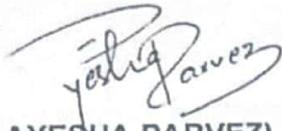


(HISSAN ANEES)
DIRECTOR PLANNING & HR, PMU,
PRIMARY & SECONDARY HEALTHCARE
DEPARTMENT, LAHORE
(042-99231206)
(Oct-2022)

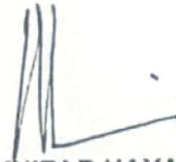


(HAMZA NASEEM)
PROJECT MANAGER CIVIL, PMU,
PRIMARY & SECONDARY HEALTHCARE
DEPARTMENT, LAHORE
(042-99231206)
(Oct-2022)

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
	Balance Work of Revamping of DHQ Hospital Kasur.

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	
Incursion/Participation			
1	was female representation ensured in planning and adp formulization?	NO	
2a	was stakeholder consultation held during adp formulization and/or pc-idevelopment?	NO	

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