

PC-1

Balance Work of Revamping of DHQ Hospital Narowal

ORIGINAL APPROVED COST	PKR Million. 142.304/-
ORIGINAL APPROVED GESTATION	42 Months Till June 2025
APPROVAL FORUM	DDSC (DDSC)

1. NAME OF THE PROJECT

Balance Work of Revamping of DHQ Hospital Narowal

2. LOCATION OF THE PROJECT

- 2.1. DISTRICT(S)
 - I. NAROWAL
- 2.2. TEHSIL(S)
- I. NAROWAL

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 FEDRAL 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	Proposed Allocation:0.000
3	GS No:5378
4	Total Allocation:0.000
5	Funds Diverted:0.000
6	Balance Funds:0.000
7	Comments: The scheme will be financed out of block scheme included in ADP 2022-23 at G.S. No. 660 with an allocation of Rs.1300 million

5. PROJECT OBJECTIVES

attached

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

The Government of Punjab is making strenuous efforts for a better and effective Health Care system. The Defining step in this direction was to recognize the importance of Health Care at Primary & Secondary Levels. As a first step towards better health care at primary and secondary level, the department under the guidance of 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 / Upgradation 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 stateof-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 Narowal:	88,347 SFT
Area completed:	50,010 SFT
Area Descoped:	38,337 SFT
External Development and Electrification:	Not Executed

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 subschemes 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. Subschemes 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 <u>improve the existing metaled road network</u>. 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 <u>express line or dual electrical supply</u> in all hospitals under revamping. Despite these two facilities based, on the current and proposed electrical load of hospital <u>new transformers were proposed</u> to step down the voltage to desired level and complete generator backup system was designed and <u>generators along with automatic transfer switches</u> 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 <u>pole lights</u> to lighten up the pathways and <u>garden lights</u> 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/stretcher ways where needed. Moreover, in order to further improve the communication between various floors of hospitals improvement of stair cases with hand rail or guard rails is proposed.

5.3.2.2 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 groves 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 <u>ICU</u>

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 <u>intensive treatment medicine</u>. Intensive care units cater to patients with <u>severe and life-threatening</u> illnesses and injuries, which require constant, close monitoring and support from specialized equipment and medications in order to ensure <u>normal bodily functions</u>. Intensive care units are staffed by highly trained <u>doctors</u> and <u>nurses</u> 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 <u>ARDS</u>, <u>trauma</u>, <u>multiple organ failure</u> and <u>sepsis</u>. Patients may be transferred directly to an intensive care unit from an <u>emergency department</u> 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 <u>CCU</u>

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 cites 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 preexisting 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/stretcher way for entrance, podium and platform for wheel chairs are proposed in this program for facilitation of patients. Portico is a small structure constructed outsides the covered area consisting of four or two columns carrying a slab or roof over it. This portico is constructed in this program outsides 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/Stretcher way is an essential structure to constructed outsides the emergency department because almost all the patients coming towards the emergency block are on either wheel chairs of stretcher. 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 stretcher way is proposed outsides 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 specialities 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 uninterruptable 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 inflectional control plan, hospital operational and strategic plans, disaster plan both internal (partial / complete) and external.

The PDSA cycle

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

- 5. Monitoring effective load sharing of Human resource and equipment within hospitals.
- 6. Addition of new HR/ rationalization on requirement of MSDS indicator compliance for effective departmental organization and their planned trainings by MPDD, UHS ETC
- 7. Standard optimization of Standard operating procedures and methods for their effective adoption by hospital human resource.
- 8. We have also extended our MSDS implementation in 20 more departments such as dentistry, ICU, ccu, Dialysis, mortuary, burn unit, physiotherapy, orthopedics, medicine, nursing, paeds, 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 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.

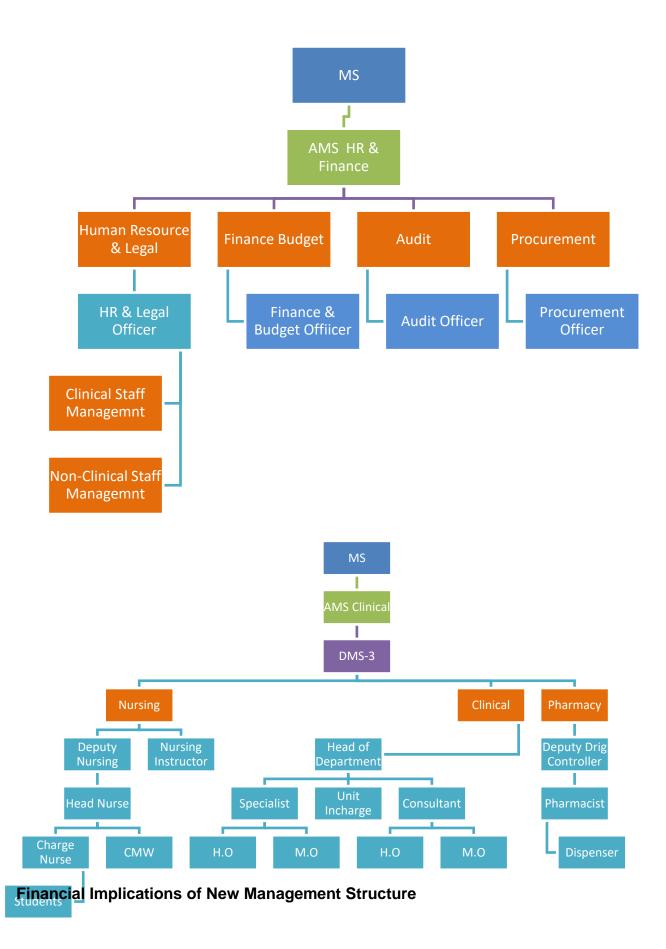
5.7.4 EMR and Networking

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> (PPS)	<u>Revised Project Pay Scales</u> (Permissible Range) (PKR)	<u>Annual Increment</u> <u>Up to % age</u>
PPS-1	28,000 44,800	10
PPS-2	35,00056,000	10
PPS-3	43,750 70,000	10
PPS-4	52,500 84,000	10
PPS-5	70,000112000	10
PPS-6	105,000 172,200	8
PPS-7	157,500258,300	8
PPS-8	218,750358,750	8
PPS-9	306,250502,250	8
PPS-10	437,500700,000	5
PPS-11	612,500 980,000	5
PPS-12	875,0001,400,000	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	
Name of Fost		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 <u>NON CLINICAL HR INTERVENTIONS (HUMAN RESOURCE (HR) PLAN</u> <u>MANAGEMENT STRUCTURE)</u>

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

Eigibility Criteria

- Minimum qualification Masters' degree in HR / 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

Eigibility Criteria

- 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)
 - 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

Eigibility 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

Eigibility Criteria

- 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)

- 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
- 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)

- 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

- 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

 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

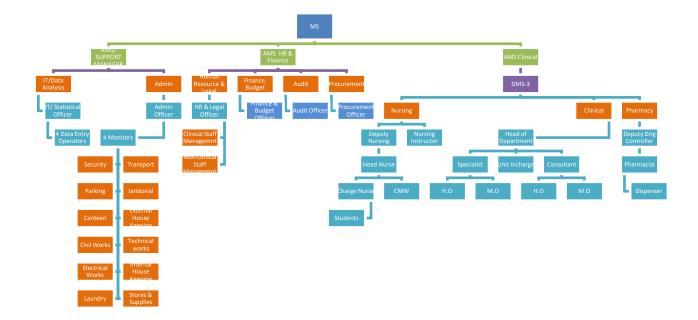
- 1. M.Sc. Supply Chain Management/ MBA or Equivalent.
- 2. One year experience in Supply Chain, logistics, fleet, warehousing and inventory management, clearing and forwarding.

5.8.2.10 Data Entry Operators (DEO)

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

Eligible Criteria

- 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.
- 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 multisectorial 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 <u>O.P.D:</u>

- 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-1. The Population of District Narowal is more than 1.86 million. The area of the DHQ Hospital Narowal is 1097272 SFT.

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.

JUSTIFICATION FOR REVISION OF PC-I

1. 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. Infrastructure team has conducted the Joint visits with the team of C&W Department. During the field visits, few alterations were recommended by the technical teams which have been incorporated in the Revised Rough Cost Estimates of the subject scheme and have been attached with the PC-I along with comparative statement. Therefore, Civil works component cost has been increased from Rs. 130.628 million to Rs. 177.190 million due to few changes in the scope and MRS rates (2nd Bi-annual 2022).

2. 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: -

	60 th PDWP Meeting						
Name of Posts	PPS	Permissible	Approved Pay				
	Assigned	Range (PKR) & Annual increment	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.

3. As the gestation period of the PC-I till 30.06.2023, therefore, the cost of NMS has been revised for smooth running of the 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





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 Narowal
- 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):**LE4206 Grant Number:Development - (PC22036) LO NO:LO21010956 A/C To be Credited:Assan Assignment

Sr #	Object Code	2021	-2022	2022-	-2023	2023-	-2024	2024-2025		
		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	
2	A12403-Other Buildings	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	

Financial Components: Capital **Cost Center:**OTHERS- (OTHERS) **Fund Center (Controlling):**N/A Grant Number:Government Buildings - (PC12042) LO NO:LO22010100 A/C To be Credited:Account-I

PKR Million

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

PKR Million

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

Revamping of Bal	ance work o	of DHQ Hosp	ital Narowal		Rs	. in million	
Scope of work		Orignal		1st Revised			
	Capital	Revenue	Total	Capital	Revenue	Total	
Capital component							
Internal Development	54.654	0.000	54.654	54.519	0.000	54.519	
External Development	46.203	0.000	46.203	27.384	0.000	27.384	
Water filtration plant	0.000	0.000	0.000	0.000	0.000	0.000	
Total Capital Component	100.857	0.000	100.857	81.903	0.000	81.903	
Revenue component							
Human resource (HR) plan	0.000	25.440	25.440	0.000	49.401	49.401	
Electricity	0.000	5.50	5.500	0.000	11.00	11.000	
Total Revenue component	0.000	30.940	30.940	0.000	60.401	60.401	
Total	100.857	30.940	131.797	81.903	60.401	142.304	
Grand Total	100.857	30.940	131.797	81.903	60.401	142.304	

Н	uman	Resou	irce Mo	del of	DHQ H	lospita	al Naro	owal		
		Orig	ginal		1st Revised					
NAME OF POST	No. of Emplyees	Per Month Salary	Salary for all	Salary for Two Years	No. of Emplyees	Project Pay Scale	Per Month Salary	Per Month Salary for all Person	Salary for Two Years	
	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000	
	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 OPERAOTOR (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			1,059,000	1,401,000	43,431,000	
				25.440					43.431	
Utilization of HR Component				5.970						
									49.401	

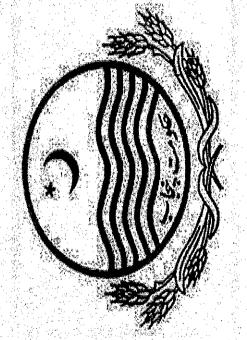
	Electricity									
Orignal 1st Revi										
Sr. No	Item Description	Qty	Unit Cost	Total Cost	Qty	Unit Cost	Total Cost (PKR)			
1	11 KV Express Line/ Extention of Load	1	5,500,000	5,500,000	1	11,000,000	11,000,000			
				5,500,000.000			11,000,000.000			
				5.50			11.00			

the BiNEER s Department) Lahore	Dated / // /2022		-OR THE BALANCE 5 THQ HOSPITALS IN /AL")22-23)	lo.2 Gujranwala office	amende	d through above referred 8/·903(m) s.277.579 (M) for favour of	approval under proper	moner	Deputy Director- For Chief Engineer Punjab Buildings Deptt. (N.Z),	ssary action to the:-	Secondary Healthcare	ala. No.2 Gujranwala with e.	ority, Narowal. II.	
CHIEF ENGINEER Punjab Buildings Department (North Zone) Lahore	No.CEBNZ/ 1882 /D, Da	ector Infrastructure Management Unit (PMU) & Secondary Healthcare Department Shahra-e-Imam Hussain Gulberg-III,	AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL D.H.Q / 15 THQ HOSPITALS IN PUNJAB, ONE AT DHQ HOSPITAL NAROWAL" A.D.P SCHEME NO.660 FOR THE YEAR (2022-23)	gineer, Building Circle No.2 lated 05.11.2022	ent aut	scherne received th <i>&/·</i> Iully vetted for Bs.277	amended administrative		Puniab BL	No. & DATE EVEN No. & DATE EVEN A Copy is forwarded for information & necessary action to the:	the Punjab Primary &	Commissioner Gujranwala, Division Gujranwala. Superintending Engineer, Building Circle No reference to his office letter referred as above.	Chief Executive Officer, District (Health) Authority, Narowal Executive Engineer, Building Division Narowal. Chief Draftsman (Local).	· · · · ·
		The Director Infrastructure Project Management Unit (PMU) Primary & Secondary Healthcare 31/E-1, Shahra-e-Imam Hussain Lahore.		Superintending Er letter No.1953/DB,	As approved by th	estimate for the subject unication is sent hereby c	and arranging	scount.	11/mate ./ 2022	A Copy is forwarded	Secretary, Govt. of the Department, Lahore.	Commissioner Gujra Superintending Eng reference to his offic	Chief Executive Officer, Executive Engineer, Bui Chief Draftsman (Local)	
	cebnzdb@gmail.		SUBJECT:	<u>Reference:</u>		cost estimate communication	consideration	head of account.	<u>DA</u> <u>Copy of</u> <u>vetted esti</u>	RECEIVED REVIERD Diary Nor 07 -11 - 702. Date: 07 -11 - 702.		Infrastructure 2. Alamming 8 HR 3 101 Operations	Legal Legal 4.	MGNATURES

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PUNJAB



DIVISION

BUILDING DIVISION NAROWAL

SUB DIVN

BUILDINGS SUB DIVISION NAROWAL

AL ONE AMENDED ROUGH COST ESTIMATE FOR THE -660 0 AT DHQ HOSPITAL NAROWAL ADP NO DHQ / 15 THQ HOSPITALS IN PUNJAB OF REVAMPING BALANCE WORK NAME OF WORK

FOR THE YEAR 2022-23

-

ESTIMATE COST RS . 277-579 (M)

81.903/

Å
ZAN
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NIL
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FOR THE EXPENSE OF: -

REFRENCE HISTORY: -

SCOPE OF WORK

SPECIFICATIONS:

RATES:

COST

LAND :-

CARRYING OUT OF WORK :-

SUB DIVISIONAL OFFICER

Buildings Sub Division

Narowal

EXECUTIVE ENGINEER BUILDINGS DIVISION NAROWAL.

PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN BALANCE FOR THE ESTIMATE COST FOR THE YEAR 2022-23 ROUGH AMENDED

In order to enhance the service delivery of District Head Quarter Narowal, The Govt: of the Punjab Primary and Secondary Health Department decided to Revamping of the exsiting institution. To achieve the target a scheme namely Balance Work of Revamping of all D.H.Q / 15 T.H.Q Hospital in Punjab one at DHQ Hospital Narowal reflected in ADP 2022-23 as serial No.660. The Scheme dated 11.01.2022 amounting to Rs. 100.857 Millions. Due to short funding in the year 2021-22 the work could not started at site. Now, the department has decided to revamp the District Head Quarter Hospital Narowal in current was also reflected in ADP 2021-22 and approved vide Secretary primary & secondary health care department vide his letter No. PO(D-II)Revamping/P-I/245 financial year.

So, as per Prescribed scope of work provided by the project management unit.This amended rough Cost estimate Amounting To Rs.277.579 (M) has been prepared for the Arrangement of Administrative Approval & Funds from the competant authority.

	Land is available.
	Re. 277.579 (M) 81.903/-(M)
17	31th December 2022).
i by Chief Engineer Punjb al 2022 (1st July 2022 to	This estimate is based on Plinth Area rates Circulated by Chief Engineer Punjb Buildings Department North Zone Lahore 2nd Bi-Annual 2022 (1st July 2022 to
ecifications.	The work will be carried out according to the P.W.D Specifications.
1 Job	14 Provision of Transformer 1000 KVA
1 Job	13 Development of Burialpit
1 Job	12 Revamping of External Roads
1 Job	11 Provision of fire Alarm System
1 Job	10 Improvement of external E.I Portion
1 Job	9 Improvement of external Water Supply system
1 Job	8 Improvement of external sewerage system
1 Job	7 Revamping of Radiology & Pathology & Admin Block
1 Job	6 Revamping of gynae ward
1 Job	5 Improvement of Waiting Area Lawn With Fiber Shed
1 Job	4 Provision of CCU Unit
1 ၂၀မ္မီ	3 Provision of Burn Unit
1 Jobe	2 Provision of filtration plant capacity 1000 LPH
1 Job	1 Provision boring and tube well chamber
5	I THE FOILOWING SCODE OF WOLK IS LANGIN IN THE COMMENCE

The work will be carried out strictly through an approved Govt: contractor o Buildings Department after observing all the codal formalities.

Buildings Division Narowal EXECUTIVE

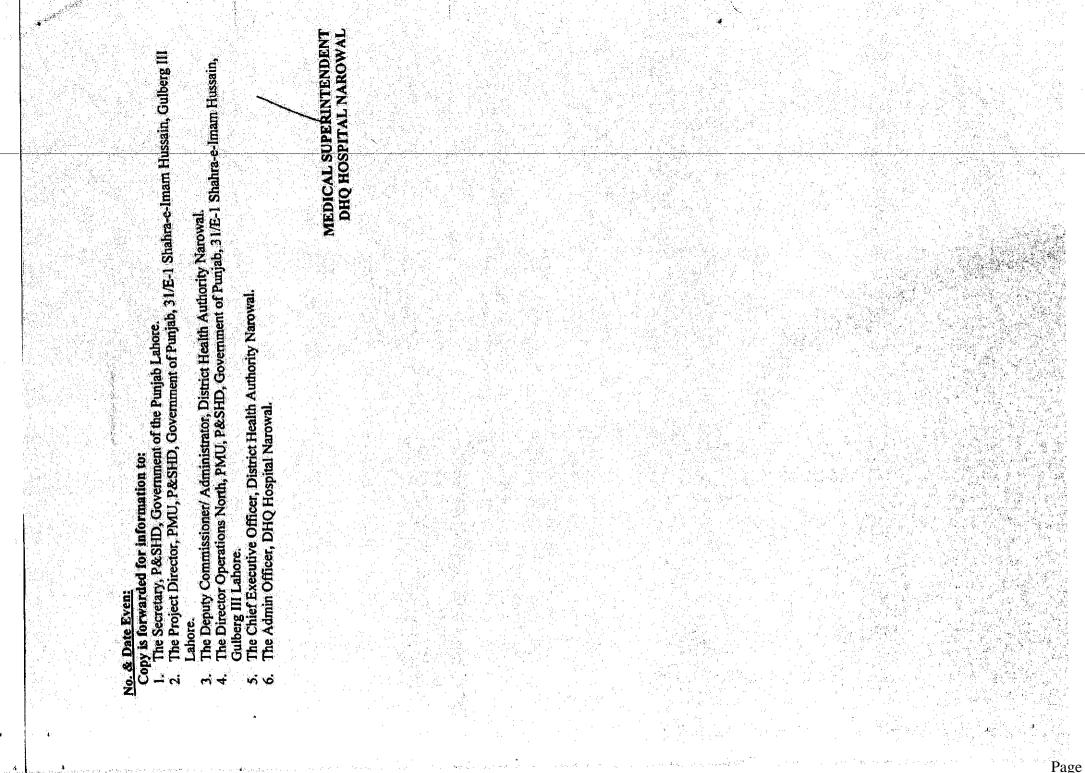
MINIMUM MINIMUM pHQ Hospital Narowal" under the block scheme titled "Balance Work of Revamping of all DHQ / 15 THQ Hospitals in Punjab" at a total cost of Rs.131.797 million (Rupees One Hundred Thirty One Million Committee (DDSC), in its 5^m meeting during FY 2021-22 held on 12.11.2021, the Governor of the Punjab is pleased to accord Administrative Approval of sub-scheme litted "Balance Work of Revamping of $|_{
m and}$ Seven Hundred Ninety Seven Thousand Only) with gestation period from 01.07.2021 to 30.06.2023. Buildings t -0457 No. PO(D+HRevamping/P-4/21: Consequent-upon the decision of Departmental Development Sub Services 0731-General Hospital Services 073101-General Hospital 073-Hospital GOVERNMENT OF THE PUNJAB Dated Lahore the 11/1/_2022 **ASH DEPARTMENT** R (D-II) NDAR BALOCH The expenditure involved will be debitable under the following heads of account: ž Office of the Transport いの言言 9 PC22036(036)-Development-07-Health Grant No.12046 04-Economic Affairs-045 Construction under Construction (Works) 045702-Buildings and structures Construction (Works) 045702-Buildings and structures Construction (Works) 045702-Buildings and structures ပ္ခဲ ğ Project Director, Project Management Unit, P&SH Department. Executive Engineer (XEN), Buildings Department, District Narowal. <u>Я</u>К У Director General Health Services, Punjab, 24-Cooper Road, Lat **MRAN** PLAN PA to Deputy Secretary (Dev. & Coord.), P&SH Department. PA to Special Secretary (Development), P&SH Department.
 PA to Additional Secretary (Dev & Fin), P&SH Department. SECRET Chief Engineer (North Zone), Buildings Department, Lahore. A copy is forwarded for information and necessary action to the Chief (Health-II), Planning & Development Board, Lahore. Section Officer (Health-I), Finance Department.
 Budget Officer-I & III, Finance Department.
 Planning Officer (ADP), P&SH Department.
 PSC to Secretary, P&SH Department. た屋 Accountant General, Punjab, Lanore. Services Primary & Secondar Healthcare Depart 35 \$ <u>Capital Component</u> (Rs. 100.857-million) Revenue Component (Rs. 30.940-million) 8 6 Cupy literwooded ter in 7 NO. & DATE EVEN: Ruted. 3 ē, ന് ORDER ထ် က် JWN (82095 ž 64 N5.07 . 12

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MEDICAL SUPERIMTENDENT DHQ HOSPITAL NAROWAL wany Hospital's main generators which were later repaired. Presently, there is no drain system available along with the Hospital roads. Rain water always remain stagmant on roads and even after heavy rains, it is not possible to travel on road either by walking or on a vehicle. Fire Alarm system has already been installed in revamped areas and this system further needs to be extended in non revamped/ remaining areas of the Hospital to identify the fire hazards and for the safety of the Human lives as well as of the Government Property. Thunder Lightening Protection System also requires to be installed in the Hospital premises to avoid the potential damages by lightening. An incident took place in near past when lightening destroyed the operating system of There is also no arrangement to drain the rains water which always remain stagmant on roads and also causes road deterioration and makes it inconvenient in addition to the scope/ works already mentioned in the letter referred above for further necessary action in this patients' public. Fiber sheds are also need to be established in these lawns to make sitting arrangements for patients' public as the sitting' waiting arrangements in radiology, pathology and Gyne block are not sufficient and patient' attendants remain standing in corridors' walk ways. Fiber shed also need to be established in power house area as the Hospital Administration has no arrangement to perform any work on generators during rains which include any repair, filling of fuel and to operate the generators. Most of the roads of the Hospital are badly deteriorated, the upper/ finishing of Water Filtration Plant is a dire need to provide hygienic COST ESTIMATES FOR REVAMPING OF DISTRICT HEADOUARTER HOSPITAL NAROWAL. Reference this office earlier letter No.11404-10/MS dated 29-07-2021 regarding subject cited Б Email: dhqhospitalnarowal@gmail.com above. Please find below the detail of works to be executed under Revamping scheme of DHQ Hospital, Narowal Window safety grills are required to be installed in non revamped area of $1^{\rm st}$ floor and Ground floor for to avoid any untoward incidence/ hazard to public lives or Hospital property. Safety grills on $2^{\rm st}$ floor are already installed by the TWINDHORM BY THY **Description** Need to establish the standard Burn Unit as a key facility to the patients, the whole District does not have this facility and Hospital faces different issues of health management of affected/burnt patients. Need to establish the standard CCU as a key facility to the patients, the whole District does not have this facility and Hospital faces different issues of health layer does not exist, great difficulties are being faced during patient transfer Some lawns connected with Hospital building needs to be improved by carrying out the pavement work to bring them in more beneficial use Telephone No. 0542-9201 19 P~ 1 NAROWAL J. J. 33 Ø No. <u>/</u>6' Dated: water to the public in best of their interest. management of cardiac patients. for public to pass. Establishment of executing agency Building Division, Narowal. **Executive Engineer**, Asphalt of Roads rather than Patch Work Improvement of Lawns with Fiber Sheds Storm Water along the Installation of Window Water Filtration Plant Establishment of Burn Establishment of CCU Thunder Lightening Fire Alarm System Drain System for Description Where Required Safety Grills Protection Road side Unit Chilt Subject: egard. Sr.# **O** in. 00 Ō, m 4 ~ T_o

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				All corridors need to repaint after scrapping the old paint completely.	repaint after scrapping the old paint	All corridors need to	Internal Corridors.	9
	DPD+QMS Hall need to bp+QMS Hall need to		Specifications , Aluminum color will be sa per C&W C&W Standarda	bəninpəß toN	Isnrətni gnittaixƏ IIA ot bəən awohniw 2M bəsistən vəti avəniv munimulA	Repair of aluminium	awohniW temetri poitsiv∃	S.
. kequired	ot bəən lisH ZMQ+QQO əqots ni bəbuləni əd		standards. Specifications S&W Specifications	bəninpəЯ toN	Not Required	All damaged MS angle iron & jaali will be replaced with new MS angle iron & double jaali.	Verandah opening (opening to open Srea)/ MS Windows on Façade	177
рэлирэЯ	OPD+QMS Hall need to aqozz ni babutzni od		Specifications , wood/type of door, polish, and handles will be as per C&W C&W C&W	Not Required	Not Required	Only damaged doors (which are few) will be replaced by Solid flush doors. Remaining doors will only be repainted properly after scrapping the old paint. Doors which are opening outside will have cantilever above them.	nisM \biloS or Asult stood nabooW Doots	5
S.F(Paeds Ward+Medical Ward+Ortho Ward)	FF (OPD+Gynae Ward+Main OT+Surgical Ward+Eye Ward)	GF (OPD+Gynae+Emerge (OPD+Gynae+Emerge GF	รงารเหล	S.F(Paeds Ward+Medical Ward+Ortho Ward)	Ward+Main OT+Surgical	GF cy+Dialysis+lEmergen GF	ttem	Sr No

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pe cysudeq .sbiebnet8 to pe changed. pe cysudeq. ot peeu seunbeu W&O DBs if requires need OBs if requires need to Tittings & DBs If per specified All old switch fittings & All old switch All old switch fittings & se ad bluods Internal Lighting Fixtures .eonstaib 8 at 8 ft distance. wiring at 8 ft distance. aoneteib concealed wiring SMD's with concealed the stephing at 8 ft Brands and rooms should lit with thiw s'OMS thiw fit bluots diw s'ONS diw Specifications All corridors and All corridors and rooms jii pinoys swooi leboM All corridors and be identical. isum lie bne level .leoitnebi əuop Tool 7 Asini 7 mont evel and all must be Standards. ereas and need to be standard height height from Finish Floor W&O previously revamped te belleteri brebnets te belleteri per specified replaced and ni 9AQI yd bisl ton ss ed bluods should be replaced and Internal Electric filtings Not Required Ł ad bluods and Acom to Wards DBs are DBs & bracket fans / Brands, DBs & bracket TJ mont seldes nieM Specifications jates, sockets, wires; sockets, wires, aqoos ni babuloni ad spuech switch boards, leboM , setelq, plates, OPD+QMS Hall need to All Electric fittings including switch All Electric fittings (bieW Ward+Eve Ward) **LINA** Sr No Item Ward+Eve Ward) (H)Xd+N Remarks Ward+Ortho Ward) cy+Dialysis+ICU/CCU+ Ward+Ortho lsoignu&+TO DO/UOI+SISVIBIG+Yon Ins+Surgical Ward+Wedical (OPD+Gynae+Emergen (OPD+Gynae+Emerge Ward+Medical nisM+bisW Mard+Main sbes9)7.2 sbas9)7.8 FF (OPD+Gynae GF FF (OPD+Gynae ЗÐ

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				Plaster Cement Ratio, wall putty brand specifications prand and color will be as per C&W standards	Sursce or wairs or all Blocks should be prepared after plastering in patches (where wall Putty prior to wall Putty prior to paint works.			tnis9 llsW	OL
				All Washroom Standards. Decrs having pecified Mith UPVC C&W Candards Candard Candards Candard	All washrooms heed to be reead to be completely by fixing full body foor and full body porcelain tiles on minimum height of fixtures shorid be fixtures shorid be fixtures along with mew water supply and sewerage connections.	All washrooms need to be revamped completely by fixing full pody porcelain full up to a minimum wall up to a minimum height of 7 ft. All revising fixtures should be replaced with new fixtures along with new water siong with new water siong with new fixtures with new fixtures siong with new fixtures siong with new fixtures with new fixtures siong with new fixtures siong siong	be revamped completely by fixing full body porcelain tiles on floor and full body porcelain tiles on wall up to a minimum height of 7 ft. All existing fixtures Anuld be replaced with new fixtures along with new water supply and sewerage connections.	stelic Toilduໆ of Public Toilets	6)
(Seeds Ward+Medical Ward+Ortho Ward	FF (OPD+Gynae Ward+Main OT+Surgical Ward+Eye Ward)	GF (OPD+Gynae+Emerge Ucy+Dialysis+ICU/CC U+PKLI) GF	รุงายและ	S.F(Paeds Ward+Medical Ward+Ortho Ward)	FF (OPD+Gynae Ward+Main OT+Surgical Ward+Eye Ward)	GPD+Gynae+Emergen Cy+Diatysis+ICU/CCU+ GF	tem .	Sr No

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	TO nieM ni benupa	<u>.</u> 					Anti-microbial treatment is required in operation theatres(Dampa Ceiling, Anti-microbial wall panelling, anti-static	<u>(\$⊥(</u>	ر Anitmicropial Treatment (C	(1) (1)	1
· · ·		rold Chook			Not required.	bəriupəЯ toN	Lead Lining is required in X-ray Room		(งุธЯ-X) ะแลW gninnil bsəJ	91]/
el ed ot been rrien OA t	Diel 9d of been znisad DA				Minor Façade treatment with weather shield combinations and patterns should be executed on front elevation.	Minor Façade treatment with weather shield combinations and executed on front elevation.	Minor Façade treatment with weather shield patterns should be executed on front elevation.		് റ റ	(gL	
рачирая	Required				Not required.	Not Required	Chequered tile & SS hand railing will be fixed on tamps	રં	Ramps - Tile and Railing	(FL)	1
) рәліпрая	Required	Gul Kons		Marble/Grani e type and technique wil be as per C&W Standards.		Not Required .	All stairs with terraco on steps need to be replaçed with Marple/Cranite on steps. Stair railing preeds to be Stair railing PCs stair rail. replace with SS stair rail.	ý.	gnilisA bas eldasM - erist	(EL	
					Nursing counter will be provided upto 2.5' height on top. Change tile on counter front with full body with full body porcelain tile.	Reduce nursing counter height to 2.5'.			Jursing Counter (Ward)	15	
S.F(Paeds Ward+Medical Ward+Ortho Ward)	FF (OPD+Gynae Vvard+Main OT+Surgical DT+Eye Ward)	GF (OPD+Gynae+Emerge U+PKLI) U+PKLI)		ស្តិ ស្ត្រានសេន ក្រុម ភាព ភាព ភាព ភាព ភាព ភាព ភាព ភាព ភាព ភាព	S.F(Paeds Ward+Medical Ward+Ortho Ward)	FF (OPD+Gynae Ward+Main OT+Surgical Ward+Eye Ward)	GF cy+Dialysis+Emergen CPD+Gynae+Emergen PKLI)		ແອງ	r No	s

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			Ĺ,	Treat expansion joint of building properly & cover it with SS patti	Treat expansion joint of building properly & tity SS patti	building properly & cover	enibliu8 îo fnio[noisnsqx∃	
		· · · · · · · · · · · · · · · · · · ·					Elevators	
				Required	Required	Required	Fire Alarm System	A
:				Damaged Water supply & sewerage pipes causing repaired & rectified.	Damaged vvalet	Camaged Water supply	Plumbing Works	1
Required	bəninpəß				Not Required	SS cladding is required at Internal columns	gnibbelO SS anmuloO (Ç
				SS Edge frotection needs to be fixed on all corners up to fite height of the height of Wall/Dado tiles	SS Edge Protection needs to be fixed on all corners up to height of 5 ft. till the freight of WalVDado solo	ss Eage Protection comets up to height of 5 theight of 5	Edge Protection	
		ġ		External weather shield of grey and white pattern of first class quality needs to be done on the front Elevation only.	External weatner shield of grey and white pattern of first	External weather sniero of grey and white pattern needs to be done on the front Flevation only	External Weather Shield	Ģ
S.F(Paeds Ward+Medical Ward+Ortho Ward)	FF (OPD+Gynae Ward+Main OT+Surgical Mard+Eye Ward)	GF (OPD+Gynæ+Emerge GF GF	Кетагкз	S.F(Paeds Ward+Medical Ward+Ortho Ward)	nisM+brsW OT+Surgical	GF cy+Dialysis+ICU/CCU+ GP⊐Gynae+Emergen GF	យទរ្យ	0

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CHECK LIST FOR IDENTIFICATION OF SCOPE FOR REVAMPING OF HEALTH FACILITY DHQ NAROWAL - 29-07-22

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	, , , , ,	· ·			of storm water. Proper A drainage of storm water is also required in this area.	məti nərliQ yrıA	GZ
Ward+Main Vard+Eye Ward) Ward+Eye Ward)	NCA+Dialysis+ICU/CC NCy+Dialysis+ICU/CC (OPD+Gynae+Emerge	Remarks	Ward+Medical Ward+Ortho Ward)	Ward+Main OT+Surgical Ward+Eye Ward)	PKLI) cy+Dialysis+ICU/CCU+ (OPD+Gynae+Emergen	tem	I oN 18
	lsoignu&+TO	nisM+braw Ward+Brierge Ward+Mardin (OPD+6ynae+Emerge OT+5urgical ney+Dialysisylsis/	nisM+brstge Ward+Disly=brierge Ward+Dislo 0CU/OC 0C+Disly=bisly=bislo	Ward+Medical (OPD+Gynae+Emerge Ward+Medical Ward+Ortho ncy+Dislysis+ICU/CC 0T+Surgical	Ward+Main Ward+Medical OPD+Gynae+Emerge Ward+Main OT+Surgical Ward+Ortho Nard+Ortho Ward+Eye Ward) Ward+Eye Ward) Ward+Eye Ward	(OPD+Gynae+Emergen Ward+Main Ward+Medical (OPD+Gynae+Emerge Ward+Main (vy+Dislysis+ICU/CCU+ OT+Surgical Ward+Ortho Mard+Eye Ward PrkLI) Ward+Eye Ward) Ward+Ortho Nard+Eye Ward Prospital Staff demands Mard+Eye Ward) Ward+Eye Ward Prospital Staff demands Mard+Eye Ward Mard+Eye Ward Prospital Staff demarks Mard+Eye Ward Mard+	Market Emergen Warket Medical Warket Medical Warket Medical Warket Medical filom PKLI) Warket Eve Ward) Remarks (OPD+Gynae+Emerge Warket Fye Ward) filom PKLI) Warket Eve Ward) Keimarks U+PKLI) Warket Eve Ward) filom PKLI) Warket Eve Ward) Remarks U+PKLI) Warket Eve Ward) filom PFLI) Warket Eve Ward) Remarks U+PKLI) Warket Eve Ward) filom PFLI) Warket Eve Ward) Remarks U+PKLI) Warket Eve Ward) filom PFLI) Warket Eve Ward) Remarks U+PKLI) Warket Eve Ward) filom PFLI Warket Eve Ward) Market Eve Ward) Market Eve Ward) filom Provided in filow Market Eve Ward) Market Eve Ward) filom Provided in filow Market Eve Ward) Market Eve Ward) filom Provided in filow Market Eve Ward) Market Eve Ward)

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load and provision of additional main power cables				ectinean aner noom	
Need to re-establish it with splitting of department wise				mooA lanel Room	3
esin tromtreach to prittiles dtiw ti deildetee os of beeld	ĺ				
All Generators need to be synchronized				TS Panel for Generators	4
900 kva transformer is required for express line	· ·····			ransformer	
		· · · · ·		ources of Electircal Supply	
Security rooms rooms are required at main gates		Not required.		ateð nisl	
	7	Only Razor cut wire needed.		lleW Yrebruo	8
pair of road may be taken	Andition. Rt	Current Asphalt road is in bad co		xternal Pathways	3
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ROUGH COST ESTIMATE FOR REVAMPING OF DISTRICT HEAD QUARTER HOSPITAL NARONAL

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AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23

Γ		As per A	pproved	Rough cost Es 2021	timate 2nnd Bi	Wo	rk Alre	ady Al	lotted	Amend	ed Roug	h Cost Estimate	2nd Bi 2022	r I	otal	Differ	ence	
S.#	Description	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	Qty (7+11)	Amount (10+14)	Excess (14-6)	Saving (10-14)	Remarks
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	Provision of Main Buuilding																	
1	Ground Floor (51402+49375+34325)	135102	P.Sft	149	20130198					1	b Jop	8004000	8004000	1	8004000	-12126198		
2	1/2 Cusec Turbine I/c boring and lowering	1	Job	4285000	4285000					1	Job	2320433	2320433	1	2320433.4		1964566.6	
3	Tube well Chamber (14-1/4x14-1/4)	204	P.Sft	2368	483072					204	P.Sft	3905	796620	204	796620	313548		
4	Provision of Burn Unit (Detail attached)	1	P Job	3302000	3302000					1	P.Job	7585724	7585724	1	7585723.58	4283723.58		
5	Provision of CCU Unit (Detail attached)	ſ	P Job	2198000	2198000					1	P.Job	1990542	1990542	1	1990541.68		207458.32	
6	Improvement of Waiting Area Lawn with Fiber Shed for Gyne	1	Job	5427000	5427000												5427000	
7	Provision of Roof Treatment	1	Job	4099123	4099123												4099123	
8	Revamping of Gynae ward (as per scope provided by PMU)	1	Each	6462000	6462000					1	Each	9434666	9434666.4	1	9434666.4	2972666,403		
9	Revamping of Emergency Façade (Detail attached)	1	Each	3859000	3859000									o	0		3859000	
	Revamping of Radiology & Pathology Block & Admin Block (Detail attached)	1	Job	3666000	3666000					1	Job	5206674	5206674	1	5206674.25	1540674.253		
12	Revamping of OPD Ground Floor & First Floor (Detail attached)	1	doL	5030000	5030000					1	Job	11087411	11087411.4	1	11087411.4	6057411.42		
13	Revamping of Orthopedic ward	1	Job	1963000	1963000									0				
	Revamping of Medical Ward, Pead Ward & Surgical Unit II	1	Job	4104000	4104000					1	Job	0	0	1	0	-4104000		
15	Revamping of QMS Registration Area Ground Floor & First Floor i/c Establishment of Registration Desk	1	Job	1466000	1466000					1	Job	1452632	1452632	1	1452632.07		1466000	
17	Provision of External Development	1	Job	28353042	28353042					1	Job	11535001	11535001	1	11535001	-16818041		
18	Provision of Razor wire	1	Job	1126300	112630D										o	0		
21	Revamping of Façade uplifting									1	Job	307729	307729	1	307729	307729		
22	Revamping of Accident Emergency Department									1	Job	9756891	9756891	1	9756891	9756891		
27	Development of burial pit for disposal of anatomical /pathological waste at healthcare facilities in district head quarter hospital narowal									1	Job	2287319	2287319	1	2287319	2287319		
	Provision of Transformer 1000 KVA i/c foundation & Earthing									1	Job	4092254	4092254	1	4092254	4092254		
				Total:-	92332235							Total:-	75857897		75857897	-1436022	17023148	

As per Approved Rough cost Estimate 2nnd Bi Difference Work Already Allotted Amended Rough Cost Estimate 2nd Bi 2022 Total 2021 Remarks ... Description S.# Excess Saving Qty Amount ۰ Unit Rate Amount Unit Rate Amount Qty Unit Rate Amount Oty Qty (14-6) (10-14)(7+11) (10+14)19 17 18 13 14 15 16 9 10 11 12 3 4 5 6 7 8 2 1 945284 945284 945284 945284--loh 22 Revamping of Accident Emergency Department Provision of Water-Filtration Plant 23 Construction of Water Filtration Plant room. 1 803790 803790 4122 803790 P.Sft 195 195-1x16-1/4x12 Provision of water Filration plant Capacity 1000 LPH with Sub Mersible Pump and Filtration Plan 9418406 9418406 9418406 9418408 PJob 24 supply & installation of complete early streamer 1495200-1495200-1495200 1 25 emission (ese) lightning protection dhe hospital 100 1495200 1 Inarowal. 13295500-13295500 13295500 1 Job 13295500 26 Fire Alarm System polon alfa europe 1 Development of burial pit for disposal of anatomical 2800023 _2880023 27 /pathological waste at healthcare facilities in district-2880023 Job 2880023 head quarter hospital narowal 28 Provision of Transformer 1000 KVA i/c foundation & -4092254 4092254 4092254 4092254 Job Earthing $\frac{\sqrt{664}}{\text{Total:-} 257677539} 0 257677539}$ $\frac{24439}{78/0973} -\frac{7017733}{2275578} 22751833$ $\frac{78/0973}{264095272} -\frac{12883877}{277579149}$ $\frac{3792895}{-277579149} -\frac{12883877}{-277579149}$ $\frac{8}{902630} -\frac{277579149}{-277579} \text{ (M)}$ $\frac{81.903}{-277579} -\frac{1000}{-277579} +\frac{1000}{-277579} +\frac{1000}{-27757} +\frac{1000}{-27757} +\frac{1000}{-27757} +\frac{1000}{-27757} +\frac{1000}{-200} +\frac{1000}{-200} +\frac{1000}{-200}{-200} +\frac{1000}{$ **-6655**4 66554 66554--66554 Job 1 29 Dismentling ,I C.C. Unit, Burn Unit 171278434 8497130 Total:-92332235 4046849 Add 3% Contingency:-Add 3% Contingency:-96379084 Total:-4616612 Add: 5 % P R A Tax Rs. 95102202 100857312 Total:-100.857 (M) Say:-Puniab Buildings Depit: Puniab Seik nas Depit: Puniab Builsingi, Dept North Zone, Labore, Lahore. North Zone Control TENDING EXCLORER SUPER alidings Circle No.2 (Sub Divisional Officer) Cuiranwala. **Buildings Sub Division** Narowal

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1				-	
	Improvement of Existing E I System Internal	_			
#	Descrintion	mende	d Roug	h Cost Esti 2022	Amended Rough Cost Estimate 2nd Bi 2022
_		Qty	Unit	Rate	Amount
-	2	e	4	5	6
_	Improvement of Existing E I System Internal (GF+FF+SF) Unrevamped Area				
-	S/E of 1" dia Pipe for wiring recessed in wallsr	500	P Rft	94.60	47300
	S/E of single core cable 7/.0.036.	1000	P Rft	52.65	52650
	S/E of Four core cable (70 mm sq (19/0.083") (DB to SMDB)	006	P R#	2655.80	2390220
	S/E of four core cable (95 mm sq (37/0.072") (DB to SMDB)	1200	P Rfi	3676.05	4411260
-	S/E of four core cable (185 mm sq (37/0.103") (SMDB to Main DB)	150	PR	7119.40	1067910
	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge 03 Gange	15	Each	1341.00	20115
10	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge 06 Gange	15	Each	1761.00	26415
	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge three pin power plugg 15-32 Amp	15	Each	754.50	11318
12	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge three pin light plug 10/13 Amp	65	Each	610.50	39683
13	S/E of 3pin 5 Amp wall socket.	25	Each	90.20	2255
17	Providing and fixing high quality LED SMD Panel Light 2 ftx2 ft of specified wattage anf Luminous flux with Polystyrene bowl/prismatic cover made of Philips as approved and direced by the Engineer Incharge.Lumens: 110Lumn/Watt	50	Each	900.0006	450000
21	Providing and fixing 3" deep cable tray with straight flange fabricated with perforated G.I. Sheet of specified guage,size and depth duly wall supported/ceiling hung on painted brackets of MS angle iron of 1"x1"x1/8" and MS patti of 1-1/2"x3/16" size @ 5 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer Incharge.4"x3" deep	400	Rft	335.35	134140
22	do6"x3" deep	400	Rft	402.65	161060
1				Total:-	8814325
				Sav	8004000

(Executive Engineer) Buildings Division Narowal

Sub Engineer

AL ADP	_											(Executive Engineer) Buildings Division Narowal	
ICE WORK OF REVAME HQ HOSPITAL NAROW 22-23	ernal		1000 R# 900 R# 1200 R# 150 R#	15 Each	15 Each	15 Each	65 Each	25 Each	50 Each	400 Rft	400 Rft	(Sub Divisional Officer) Buildings Sub Division Narowal	
AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23	Improvement of Existing E I System Internal	S/E of	 S/E of single core cable 7/.0.036. S/E of Four core cable (70 mm sq (19/0.083") (DB to SMDB) S/E of four core cable (95 mm sq (37/0.072") (DB to SMDB) S/E of four core cable (185 mm sq (37/0.103") (SMDB to Main DB) 	uble ches / appr	P/F PVC double layer Switch kit Face plate with specified switch holes <i>it</i> the 10 cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenlder, screws complete as approved and directed by the Engineer Incharge 06 Gange	P/F PVC double layer Switch kit Face plate with specified switch holes <i>itc</i> the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge three pin power plugg 15-32 Amp	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge three pin light plug 10/13 Amp	13 S/E of 3pin 5 Amp wall socket.	Providing and fixing high quality LED SMD Panet Light 2 ft+2 ft of specified wattage anf Luminous flux with Polystyrene bow//prismatic cover made of Philips as approved and direced by the Engineer Incharge.Lumens: 110Lumn/Watt	Providing and fixing 3" deep cable tray with straight flange fabricated with perforated G.I. Sheet of specified guage,size and depth duly wall 21 supported/ceiling hung on painted brackets of MS angle iron of 1"x1"x1/8" and MS patti of 1-1/2"x3/16" size @ 5 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer Incharge.4"x3" deep	B6"x3" deep	Sub Engineer	

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AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23

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2	

	Tube Well Boring and lowering of matrial				
i t		Amendee	d Rough Cost 2022	Amended Rough Cost Estimate 2nd Bi 2022	e 2nd Bi
# //	Description	Qty	Unit	Rate	Amount
-	2	e	4	5	9
-	Director Rotary / Reverse Rotary drilling bore for tube well in all type of soil except shingle gravel and rock, from 0' to 250' below ground level 15" to 18" i/dia	250	P Rft	770.65	192663
2	Exceeding 250' to depth below ground level 15" to 18" dia.	200	P Rft	770.65	154130
З	Providing and Installing m s bail /eng plug in tubeweil bore hole. B S S class D 6" dia.	~-	Each	3751.9	3751.9
4	P/L Brass strainer in tube well hole I/c socket special socket studs etc 6" I/d, 3/16" thick(5mm).	80	P Rft	6828.1	546248
5	Providing Strong substantially built box of deodar wood 4'x2-1/2'x9" with compartments, lock and locking arrangement complete for preserving samples of strata from bore hole	.	Each	35757.5	35758
9	Furnishing sample of water from bore hole.	з З	Sets	183.95	552
7	Testing and developing of tube well of 6" I/d and above continuously upto 1.5 cs discharge.	12	Hours	2828.55	33943
8	Shrouding with graded pea gravel 3/8" to 1/8" around tube well in bore hole.	397	Each	154.15	61197.6
6	P/F of M.S blind pipe with socket / welded joints M.S reducer where necessary in tubewell bore hole i/c jointing welding with strainer 6" i/d and 3/16" thick.	240	P Rft	2321.05	222025
9	Blind pipe 12" i/d	130	P Rft	4724.15	614140
5	Pulling out & Refixing of 1/2 cusic turbine pump i/c repairing of handies etc complete in all respect as approved by the Engineer Incharge.	-	dol	10000	100000
12	P/F Steel girder 4" 8" and 14' long.	14	doL	1500	21000
				Total:-	2320433

Sub Engineer

(Executive Engineer) Buildings Division Narowal AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23

Tube Well Boring and lowering of Matrial

															Engineer Division wal
															Executive Engineer Buildings Division Narowal
R	Rft	°N N	Rft	N	Sets	Hours	č	55		5	Rft	Rft	No	Rft	al Officer o Division al
250	200	÷	80	-	ę	5		297 9	47 102	155 397	240	130	~~	14	Sub Divisional Officer Buildings Sub Division Narowal
Director Rotary / Reverse Rotary drilling bore for tube well in all type of soil except shingle gravel and rock, from 0' to 250' below ground level 15" to 18" i/dia	3 Exceeding 250' to depth below ground level 15" to 18" dia.	Providing and Installing m s bail /eng plug in tubewell bore hole. B S S class D 6" dia.	P/L Brass strainer in tube well hole I/c socket special socket sected socket stude etc 6" I/d, 3/16" thick(5mm).	Providing Strong substantially built box of deodar wood 4'x2- 1/2'x9" with compartments, lock and locking arrangement complete for preserving samples of strata from bore hole.	5- Furnishing sample of water from bore hole.	Testing and developing of tube well of 6" I/d and above continuously upto 1.5 cs discharge.		1x3.142x(1-1/2)2/4x600 3.142x1.25x1.25x450x1/4	d/d 3.142x0.5x0.5x240x1/4 3.142x1x1x130x1/4	Total Net Total (552-155) =	P/F of M.S blind pipe with socket / welded joints M.S reducer 3- where necessary in tubewell bore hole i/c jointing welding with strainer 6" i/d and 3/16" thick.	Blind pipe 12" i/d	Pulling out & Refixing of 1/2 cusic turbine pump i/c repairing of handies etc complete in all respect as approved by the Engineer Incharge.	11 P/F Steel girder 4" 8" and 14' long.	Sub Engineer
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AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ/ 15 THQ
HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23

l	ESTABLISHMENT BURN UNIT	L			
#.S	Description	As per Appr	oved Rough	As per Approved Rough cost Estimate 2nnd Bi 2021	2nnd Bi 2021
		Qty	Unit	Rate	Amount
-	2	3	4	5	9
-		588	% Cft	4317.45	25383
~		7	Each	438	3066
m	Removing of windows & sky light.	-	Each	341.5	342
4	Dismantling glazed or encaustic tiles, etc.	3126	% Sft	2335.85	73019
с)	Dismentling of P.C.C 1:2:4	115	% Cft	11174.6	12838
ဖ	P/L p cc 1:2:4 i/c surface finishing complete.	115	% CĦ	38178.9	43860
2	Cement plaster (1:5) 1/2" thick up to 20 height.	260	% Sft	3096.9	8060
ø	Cement Neru plaster 1:2 (cement and sand) upto 20' (6.00 m) height:-1/2" thick	533	% Sft	3791.8	20210
თ	Pacca brick work 1:6 in 2nd Floor	92	% Cft	35435.1	32689
9		72	% Cft	37105.85	26577
11	Supply and installation premimum 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-SVVG 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 12 mm	2494	PSf	2250	5611500
	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Commercial ply compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure <i>i/c</i> the cost of nails, tower bolt , handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.	80	ь В	502	49216
12		18	P Sft	1950	35100
13		886	P S#	340.55	301589
4		752	P Sft	340.55	256093.6
15	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>li</i> /c the cost of sealer for flnishing the joints <i>i/c</i> cutting grinding complete in all respects and as approved and directed by the Engineer Incharge 12"x18"/12"x24"/10"x24"/8"x24"/12"x36	28	, IS G	240	9428
9	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 Incharge12"x18"/12"x24"/10"x24" /8"x24"/12"x36	131	Р С	292.75	38423.4375
1	Supply and installation of Clip-in tile of specified thickness non-porous Alumnium 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.	720	PSt	550	396000
18	Supply and installation anti microbial Hygenic Flooring (With anti bacterial agent) confroming to (iSO : 22196) of sepcified thickness duly welded with thermoplastic equipment placed over self leveling adhesive as approved and directed by the Engineer Incharge.(Epoxy) P H Portion	889	P Sft	602	535215.625
		-	ľ		

Str Description Abst relations relations that the strate				•			-
Terrebuild Option Link Rane Providing and fitting one plene fittingoen complete in all respects as approved and direct (Not) and Amand scale complete in all respects as approved and direct (Not) and Amand scale complete in all respects as approved and direct (Not) and Amand scale complete in all respects as approved and direct (Not) and Amand Scale complete in all respects as approved and direct (Not). Not 95957 Providing and fitting one plene fitting of the cost of when blene fitting one plene fitting	S.#	Description	As per Appro	wed Rough (ost Estimate 2	2nnd Bi 2021	
Definition of light one block on place European of and find one block on place European of and find one block on place European of and find and and and find and find and and and find and			Qty	Unit	Rate	Amount	
Devolution and finand entities on the proceed complete in all respects as approved and directed by 1 No 19987 Providing and finand pertaintic characteristic of base can def "Visite can def "Characteristic" 1 No 19987 Providing and finang Entrinom (Characteristic of parts can def "Characteristic") 1 No 19987 Providing and finang Entrinom (Anticotic) 1 No 19987 19987 Providing and finang Entrinom (Anticotic) 1 No 19987 19987 Providing and finang Entrinom (Anticotic) 1 No 17 No 7000 Providing and finang Entrinom (Anticotic) 1 No 14472 14472 Providing and finang Entrinom (Anticotic) 1 No 7300 14472 Providing and finang Entrinom (Anticotic) 1 No 7300 14472 Providing and finang Entrinom (Anticotic) 1 No 7300 14472 Providing and finang Entrinom (Anticotic) 1 No 7300 14472 Providing and finang Entrinom (Anticotic) 1 No 7300 14763 </td <td>1</td> <td>2</td> <td>e</td> <td>4</td> <td>5</td> <td>9</td> <td></td>	1	2	e	4	5	9	
pt The formation 1 1 1 1 1 1 Principing and finding distribution. A constraint of the formation of the finding distribution of the finding distribution. The finding distribution of the finding distribution of the finding distribution. The finding distribution of the finding distribution of the finding distribution of the finding distribution of the finding distribution. 1	20	Providing and fitting one piece Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) <i>i</i> /c the cost of CP/ rubber connection ,thimble ,normal seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.	.	٩ ٩	19987	19987	2
Short finding Entroning Short for the Commerciants 1 No 7000 Short for all reports and relation of the manual rest of remarkance of completing of the control and manual rest of remarkance and rema	22	P/F C.P mixture valve for sink / basin.		Ň	3179	3179	
Providing and fundy CP ability frame, clouble BID Cock, Masilin Fraid Comprising of Coupling and Dottite trap etc. complete in al respect as approved and directed by the coupling and Dottite trap etc. complete in al respect as approved and directed by the Providing brancket exert waste bips and waste bips transfer complete including brancket exert waste bips and waste bips transfer complete funder Counter Varity Basin1No14472Providing and fitting glazed anthen ware wasth hand basin /varity 68x40 cm (22-Xrify)1No73301Providing and fitting glazed anthen ware vasith hand basin /varity 68x40 cm (22-Xrify)1No73301Including brancket ext, waste pips and waste ocupling, etc. Under Counter Varity Basin30Rth200.68Kiter Ability is made of the Englineer inclung.0Rth200.6Rth200.6Kiter Ability is threaded of the Counter Varity Engling of Threaded of the Counter Scienting Landond in the rates exercise tain Rth District Engling of the Englineer Information 	23	Providing and fixing Bathroom Accessories (7-piece set) Master brand - One Cosmetic Shelf, One Towel rod with bracket, One scap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass <i>i/c</i> the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.	-	Ŷ	7600	7600.00	
providing and filting plazed earthen ware weah hand beain /vanity 66x40 cm (22*X16*)%%<	24	Providing and fixing CP bath Room Set made of Sonex / Master/ Faisal comprising of 3NoTee stop cocks, lever type Basin Mixer,double Bib Cock, Muslim shower,waste coupling and bottle trap etc. complete in al Irespect as approved and directed by the Engineer incharge.	-	Q	14472	14472.00	
Exercised Polynicy Chordes Rtt 280.6 Rinst, instances 30 Rtt 280.6 Rinst, instances and discustory the Englineer inclusings 30 Rtt 280.6 Str (Similar and and direction PPEC pipe Bata or any and myore as approved fram internetis. 35 Rtt 366.5 Providing laying, cutting, joining useling and diametring PPEC piping & Threaded 36 Rtt 366.5 Specials for Bath norms! Levocraps, Tesm diametring PPEC piping & Threaded 36 Rtt 366.5 Specials for Bath norms! Levocraps, Zerm dia. 36 Rtt 366.5 367.5 Specials for Bath norms! Levocraps, Zerm dia. 36 Rtt 367.5 367.5 Specials for Bath norms! Levocraps, Zerm dia. 36 Rtt 367.5 367.5 Specials for Bath norms! Levocraps, Zerm dia. 36 Rtt 367.5 367.5 SPE of VC pipe for writing purpose of "dia. 360 Rtt 367.5 367.5 SPE of VC pipe for writing purpose of "dia. 360 Rtt 40.75 367.5 SPE of NC pipe for writing purpose of "dia. 360.	25	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.Under Counter Vanity Basin	4	Ŷ	7330	7330.00	······
Providing, laying, cuting, joining, testing and districting PRC pipe Belat or any and plugs, are inducedin the rates except for infarral PPIC pipig & Threaded Rft 66.5 Speciale for Eath rooms, Lewordsey, tess, ethows, bends, valves, crosses, unions and plugs, are inducedian the rates except for infarral PPIC pipig & Threaded 60 Rft 106.9 Speciale for Eath rooms/Lewordsey, Zamm dia. 100 Rft 106.3 817 Speciale for Fabil rooms/Lewordsey, Carbons, bends, valves, crosses, unions and plugs, are inducedian the rates except for internal PPIC pipig & Threaded 100 Rft 106.3 Ste of PVC pipe for writing purpose 34° dia. 100 Rft 94.6 105.75 Ste of PVC pipe for writing purpose 34° dia. 100 Rft 25.75 100.2 Ste of PVC pipe for writing purpose 34° dia. 25.00 Rft 40.75 100.2 Ste of PVC pipe for writing purpose 34° dia. 25.75 Rft 40.75 100.2 Ste of PVC pipe for writing purpose 34° dia. 25.00 Rft 40.75 100.2 Ste of PVC pipe for writing purpose 4° dia. 25.00 Rft 40.75 100.2 Ste of PVC pipe for writing purpose 4° dia. 25.00 <td< td=""><td>26</td><td>Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge. 4" Dia</td><td>30</td><td>Rft</td><td>260.6</td><td>7818.00</td><td></td></td<>	26	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge. 4" Dia	30	Rft	260.6	7818.00	
Providend laying, cirting, treating and diarrecting PRC pipe Beta or any approved firm in trenches. Cost of sockets, head valves, crosses, unions and plugs, are included in the ratks sockets, head valves, crosses, unions and plugs, are included in the ratks sockets, head valves, crosses, unions and plugs, are included in the ratks sockets, head valves, crosses, unions and plugs, are included in the ratks sockets, head valves, crosses, unions and plugs, are included in the ratks sockets, head valves, crosses, unions are cruded in the ratks sockets, lawing purpose 34° dia. 100 Rth 106.9 Ste of PVC pipe for writing purpose 34° dia. Ste of PVC pipe for writing purpose 34° dia. 100 Rth 94.6 Ste of PVC pipe for writing purpose 34° dia. Ste of PVC pipe for writing purpose 34° dia. 100 Rth 25.75 Ste of PVC pipe for writing purpose 34° dia. Ste of PVC pipe for writing purpose 34° dia. 25.00 Rth 40.75 Ste of PVC pipe KS condultCl pipe wooden strip batter/wooden casing an capping /G1 wine 500 Rth 40.75 Undoom conductor cables, in prelatid PVC double layer Switch tif Face plate with specified switch holes /c the cost of sockets. 26.75 27.25 PF PVC double layer Switch tif Face plate with specified switch holes /c the cost of sockets. 560 Rth 40.75 PF PVC double layer Switch tif Face plate with specified switch holes /c the cost of specified switch sockets. 200 No <td< td=""><td>27</td><td>Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe Beta or any approved firm in trenches. Cost of sockets, tees, elbows, bends, valves, crosses, unions and plugs, are included in the rates except for internal PPRC piping & Threaded Specials for Bath rooms/ Levorotary. 25mm dia.</td><td>35</td><td>Rft</td><td>66.5</td><td>2327.50</td><td></td></td<>	27	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe Beta or any approved firm in trenches. Cost of sockets, tees, elbows, bends, valves, crosses, unions and plugs, are included in the rates except for internal PPRC piping & Threaded Specials for Bath rooms/ Levorotary. 25mm dia.	35	Rft	66.5	2327.50	
E I PortionI 100Rth 81.7 SIE of PVC pipe for wiring purpose 3.4° dia.50Rth 81.7 81.6 SIE of PVC pipe for wiring purpose 1° dia.50Rth 84.6 SUpph wirderSupph suppliated corper conductor cables, in prelatid500Rth 25.75 PVC pipe MS conduit/G1 pipe wooden strip batter/wooden casing an capping /G1 wire550Rth 40.75 PVC pipe MS conduit/G1 pipe wooden strip batter/wooden casing an capping /G1 wire550Rth 40.75 PVC pipe MS conduit/G1 pipe wooden strip batter/wooden casing an capping /G1 wire500Rth 40.75 PVC pipe MS conduit/G1 pipe wooden strip batter/wooden casing an capping /G1 wire500Rth 40.75 PVC pipe MS conduit/G1 pipe wooden strip batter/wooden casing an capping /G1 wire250Rth 40.75 PVC double layer Switch kit Face plate with specified switch holes ic the cost of approved and directed by the Engineer Incharge 03 Gange12No 90.2 SE of 2pin 5 Amp wall socket.200No50No 53.75 SE of 2pin 5 Amp wall socket.20No50No 53.75 SE of 2pin 5 Amp wall socket.20No50No 53.75 SE of 2pin 6 Amp wall socket.20No50No 53.75 SE of 2pin 5 Amp wall socket.20No50No 53.75 SE of 1 E D Bulb 24 watt as approved by the Engineer Incharge.20No 50.75 50.6 Bricks20No20No <td>28</td> <td></td> <td>50</td> <td>Rft</td> <td>106.9</td> <td>5345.00</td> <td></td>	28		50	Rft	106.9	5345.00	
SLE of PVC pipe for wiring purpose 1" dia.50Rft94.6Supply and erection of single core PVC insulated copper conductor cables, in prelaid500Rft 25.75 Supply and erection of single core PVC insulated copper conductor cables, in prelaid500Rft 25.75 PVC pipe M.S conduit/G1 pipe wooden strip batten/wooden casing an capping /G1 wire500Rft 40.75 PUC7/0.0295.50Rft 40.75 25.75 do7/0.044 win core200Rft 160.2 PF PVC double layer Switch kit Face plate with specified switch holes ic the cost of strictbes / sockets / dimmer made of Hi-Life / Bush / Schenider, socrews complete as sproved and directed by the Engineer Incharge 03 Gange5No 650 PF EVC double layer Switch excert12No 80.2 80.5 SE of abin 5 Amp wall socket.12No 80.2 80.5 SE of button holder brass etc.200No 650 650 SE of button holder brass etc.720No 650 SE of button holder brass etc.720No 650 SE of button holder brass etc.7235P crti 30 SE of button holder brass etc.7Each 160.2 300 SE of LE D Bulb 24 watt as approved by the Engineer incharge.7 7 600 650 BricksSE of LE D Bulb 24 watt as approved by the Engineer incharge.7 7 600 650 BricksSE of U di Merial7 7 600 650 <td>29</td> <td>E I Portion S/E of PVC pipe for wiring purpose 3/4" dia.</td> <td>100</td> <td>Rît</td> <td>81.7</td> <td>8170.00</td> <td></td>	29	E I Portion S/E of PVC pipe for wiring purpose 3/4" dia.	100	Rît	81.7	8170.00	
Supply and erection of single core PVC insulated copper conductor cables, in preliatd PVC pipe MS conduit/G.1 pipe wooden strip batten/wooden casing an capping /G.1 wire tenches (rate for cable only) 1) 3/0.74 mm (3/0.029°)Rft25:0Rft40.75do7/0.044 win core come and directed by the Engineer Incharge 03 Gange55:0Rft40.75160.22PFF PVC double layer Switch kit Face plate with specified switch holes ic the cost of switches / sockets / dimmer made of HLife/ Bush / Schenider, screws complete as sproved and directed by the Engineer Incharge 03 Gange50No80.220SE of 3pin 5 Amp wall socket.20No80.280.280.280.2SE of 3pin 5 Amp wall socket.20No80.280.280.2SE of 4 E D Bulb 24 watt as approved by the Engineer incharge.20No85.080.2Brides20No20No2010Brides20No<	30	S/E of PVC pipe for wiring purpose 1" dia.	50	Rf	94.6	4730.00	
	31	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe M.S conduit/G.I pipe wooden strip batten/wooden casing an capping /G.I wire trenches (rate for cabel only) i) 3/0.74 mm (3/0.029")	500	Rft	25.75	12875.00	
$\begin{tabular}{l l l l l l l l l l l l l l l l l l l $	œ		550	Rft	40.75	22412.50	
Pfr PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / dimmer made of Hi-Life/ Bush / Schenider, screws complete as approved and directed by the Engineer Incharge 03 Gange5No742.5SkE of 3pin 5 Amp wall socket.012No90.21SkE of 3pin 5 Amp wall socket.20No65.751SkE of 3pin 5 Amp wall socket.20No65.751SkE of Te ED Bulb 24 watt as approved by the Engineer Incharge.20No65.01SkE of L ED Bulb 24 watt as approved by the Engineer Incharge.20No65.01SkE of L ED Bulb 24 watt as approved by the Engineer Incharge.720No65.01SkE of L ED Bulb 24 watt as approved by the Engineer Incharge.7201111SkE of L ED Bulb 24 watt as approved by the Engineer Incharge.720No65.0111SkE of L ED Bulb 24 watt as approved by the Engineer Incharge.720No65.0111	U		200	Rft	160.2	32040.00	
SE of 3pin 5 Amp wall socket. 12 No 90.2 SE of button holder brass etc. 20 No 53.75 SE of button holder brass etc. 20 No 53.75 SE of button holder brass etc. 20 No 53.75 SE of LE D Bulb 24 watt as approved by the Engineer incharge. 20 No 650 Veroft E D Bulb 24 watt as approved by the Engineer incharge. 20 No 650 1 Veroft E D Bulb 24 watt as approved by the Engineer incharge. 7 20 No 650 1 Veroft E D Bulb 24 watt as approved by the Engineer incharge. 205 No 1 205 1 1 Veroft of Metrial 235 7 235 PCtt 30 30 Bats 7 235 PCtt 30 30 30 30 Undows serviceable 7 7 Each 1500 30 <td>32</td> <td>P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge 03 Gange</td> <td>5</td> <td>No</td> <td>742.5</td> <td>3712.50</td> <td></td>	32	P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge 03 Gange	5	No	742.5	3712.50	
SE of button holder brass etc.20No 53.75 SE of LE D Bulb 24 watt as approved by the Engineer incharge.20No 650 SE of LE D Bulb 24 watt as approved by the Engineer incharge.70 70 650 D EndetTotal20 70 650 70 Bricks235 70 235 90 8500 D Endet235 90 70 30 100 D Endet235 70 200 100 100 D Coor Un serviceable7 70 70 100 100 Windows serviceableTotal 10 100 100 100 D Coor Un serviceable 100 100 100 100 100 Windows serviceable 100 100 100 100 100 Motows serviceable 100 100 100 100 100 Motows serviceable 100 100 100 100 100	33	S/E of 3pin 5 Amp wall socket.	12	No	90.2	1082.40	
SFE of L E D Bulb 24 watt as approved by the Engineer incharge. 20 No 650 650 7 redit of old Metrial Total 7 7 7 7 7 7 Bricks 7 7 7 7 7 7 7 7 7 7 Bats 235 P Cit 235 P Cit 300 7 100 7 100 7 100 7 100 7 100	34	S/E of button holder brass etc.	20	No	53.75	1075.00	
Total Total I V	35	S/E of L E D Bulb 24 watt as approved by the Engineer incharge.	20	Ŷ	650	13000.00	
credit of old Metrial 4763 %0No 8500 8 Bricks 4.763 %0No 8500 8 Bats 235 P Crt. 30 8 Door Un serviceable 7 Each 1500 1 Windows serviceable 1 1 Each 2000 1 Windows serviceable 7 Fach 2000 1 1 1500 1 1 1500 1 1 1500 1 1 1500 1 1 1500 1 1 1500 1 1 1500 1 1 1500 1 1 1 1500 1		Total				7645763	
Bricks 4763 %0No 8500 <		credit of old Metrial					
Bats 235 P Ctt 30 Door Un serviceable 7 Each 1500 1 Windows serviceable 1 1 Each 2000 1 Windows serviceable 10tal 1 Each 2000 1	-	Bricks	4763	%0No	8500	40484	
Door Un serviceable 7 Each 1500 Windows serviceable 1 1 Each 2000 Total 1 1 Each 2000	N	Bats	235	PC#	30	7056	,
Windows serviceable 1 Each 2000 Total 2000 Net Total 1 Net Total	m	Door Un serviceable	7	Each	1500	10500	
	4	Windows serviceable	-	Each	2000	2000	
		Total				60040	
		Net Total				7585724	

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r) (Executive Engineer) п Buildings Division Narowal

(Sub Divisional Officer) Buildings Sub Division Narowal

Sub Engineer

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AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23

ESTABLISHMENT BURN UNIT		2x21-1/4x3/4x12
	srick work in lime mortor	

~~ I	ESIABLISHMENT BOKN UNI Dismentling of brick work in lime mortor 2x2	1-1/4×3/4×12	382.5 CI	
		1x10-1/4x3/4x12 3x5x3/8x8-1/2 2x10-1/4x3/8x8-1/2	92 - 48 - 165 - 1	
3 7	Removing of door with chowkat. Removing of windows & sky light.	Total	588 7 N 1 N	ភ្នំ ទី ទី
4	Dismantling glazed or encaustic tiles, etc. ward side wall	1x2x(21-1/4+21-1/4)x6 1x2x(10-1/4+21-1/4)x6 Tottal	510 " 2616 " 3126 S	
ŝ	Dismantling of P C C 1:2:4 ratio.			
9	P/L p cc 1:2:4 i/c surface finishing complete.	1x43-1/4x21-1/4x1/8	115 C	5
7	Cement plaster (1:5) 1/2" thick up to 20 height.	x43-1/4x21-1/4x1/8	115 C	5
	outer side of bath inner side of bath	2x(6-3/8+4-5/8)x7 1x2x(6+4-5/8)x5 T-1	154 1 106 1 260 6	
80	Cement Neru plaster 1:2 (cement and sand) upto 20' (6.00 m) height:-1/2" thick	10131		¥
6	Pacca brick work 1:6 in 2nd Floor	1x2x(21-1/4+32)x5	533 S	5
ţ	Daona hrink under 1 d in Part Elone	1x10-1/4x3/4x12	92 C	-5-
-		2x6-3/8x3/8x12 1x4-5/8x3/8x12	51 51 51	
	did	Total 1x2-1/2x3/8x7		<u> </u>
÷	Supply and installation premimum graded/scratch-resistant Hygienic anti-microbial Pvc v thermoplastic welded conforming to (ISO:22196) and pasted over 12mm thick gypsum b SWG G.I. Channael of size 3.5'X 2'X3.5" duly screwed on wall l/c the cost of hardwares. In-charge 12 mm	Net Total (78-7) I cladding of specified thickness of ind with adhesive/solvent fixed over approved and directed by the En		
	Patient Treatment Room H/wall V/wall	4x2x15x12 4x2x12x12 4x3-1/2x7 Total	1440 S 1152 " -98 S 2494 S	5.55
	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Commercial ply compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure <i>l</i> /c the cost of nails, tower bolt , handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.	ver 2.5 mm thick commercial ply v r bolt , handles, glue, sawing ch directed by the Engineer Incharge	over 1" harges, e.	
12		4x3-1/2x7 98 nm x 64mm and leaf frame 60 mm x 106 with grooves on both sides <i>lic</i> the cost of		ts.
13	harowares hinges rour boit and cutting changes on approved & directed by the Enginee. Providing and laying superb quality Porce lain glazed tiles flooring of MASTER brand or and Shade with adhesive / bond over 3/4"thick (1:3) cement plaster i/c the cost of seale complete in all respect as approved and directed by the Engineer Incharge. 600mmx 600	r incharge. 1x2-1/2x7 of specified size in approved design of specified size in approved design of specified size in approved design of mm.		5
	ρ/p	1x43-1/4x21-1/4 1x6-3/8x5-1/4 Net Total (919-33)	919 33 886 9	55 5
14	Providing and laying superb quality Porce lain glazed tiles of Master br and, skirting / dado of specified size, Color and Shade with adhesive / bond over 1/2"thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge.600mmx 600 mm	o of specified size. Color and Sha he joints ,cutting grinding complet	ide with te in all	
		1x2x(43-1/4+21-1/4)x6 2x6-3/8x6 Total		<u>5</u> .5
	D/d 1x4x6 1x2-1/ 4x4x3	2x6 -1/2	28 2 28	55
		Total Net Total (851-99)		5 5 -

Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge 12"x18"/12"x24"/10"x24"/8" x24"/12"x36 5

1x6x4-5/8

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Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, GlossyMatt/Texture skirtling/dado of approved Color and Shade with adhesive bond over 1/2" thick (1:2) cement plaster l/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge12" X18"/12" X24"/10" X24" /8" X24" /12" X6 9

	Total	Net Total(149-18)
1x2x(6+4-5/8)x7	1x2-1/2x7	-
Bath	d/d	

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149 149 131 Supply and installation of Clip-in tile of specified thickness non-porous Alumnium 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. 17

Supply and installation anti microbial Hygenic Flooring (With anti bacterial agent) confroming to (iSO : 22196) of sepcified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer Incharge. (Epoxy) 8

D/d	1x43-1/4x21-1/4 1x6-3/8x4-5/8	919.06 Sft 30 °	8	Б.
P H Portion	Net Total (919-30) 889 St	88		۲.
Providing and fitting one piece Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full	d flushing Cistern of PORTA brand (full			
20 size) i/c the cost of CP/ rubber connection, thimble, normal seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.	It botts complete in all respects as	-	_	ŝ
22 P/F C.P mixture valve for sink / basin.		-	_	ŝ
Providing and fixing Bathroom Accessories (7-piece set) Master brand - One Cosmetic Sheff, One Towet rod with 23 bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking class <i>lic</i> the cost of	ssmetic Shelf, One Towel rod with aper holder & looking glass i/c the cost of	*-		c Z

hardwares etc complete in all respect as approved and directed by the Engineer incharge.

Providing and fixing CP bath Room Set made of Sonex / Master/ Faisal comprising of 3NoTee stop cocks, lever type Basin Mixer, double Bib Cock, Muslim shower, waste coupling and bottle trap etc. complete in al Irespect as approved and directed by the Engineer incharge. 5

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- Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.Under Counter Vanity Basin 25
 - Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge. 4" Dia 8
- Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe Beta or any approved firm in trenches, Cost of sockets, tees, elbows, bends, valves, crosses, unions and plugs, are included in the rates except for internal PPRC piping & Threaded Specials for Bath rooms/ Levorotary. 25mm dia. 27
- 20 Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe Beta or any approved firm in trenches, Cost of sockets, tees, elbows, bends, valves, crosses, unions and plugs, are included in the rates except for internal PPRC piping & Threaded Specials for Bath rooms/ Levorotary. 32mm dia. E I Portion 38

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- S/E of PVC pipe for wiring purpose 3/4" dia. 29
- Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe M.S conduit/G.I pipe wooden strip batten/wooden casing an capping /G.I wire trenches (rate for cabel only) i) 3/0.74 mm (3/0.029") S/E of PVC pipe for wiring purpose 1" dia. 8 3
- ŝ ŝ 臣 Rf ĝ 200 550 4 8 ŵ P/F PVC double layer Switch kit Face plate with specified switch holes i/c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge 03 Gange -7/0.044 twin core S/E of 3pin 5 Amp wall socket. S/E of button holder brass etc. -7/0.029 ą 쉉 23 m ខ្ល 34 S
- (Executive Engineer) Buildings Division No. Nos Nos Nos ŝ 4763 235 20 ~ ... (Sub Divisional Officer) 588x1350x60/100x100 588x40/100 S/E of L E D Bulb 24 watt as approved by the Engineer incharge. Sub Engineer Windows serviceable credit of old Metrial Door Un serviceable Bricks Bats 32 ~ 3 4 2

Narowal

Buildings Sub Division

Narowal

AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23

S.# Description 1 Dismentling of brick work in lime mortor 2 1 Dismentling of brick work in lime mortor 2 2 Removing of door with chowkat. 2 3 Removing of door with chowkat. 2 4 Dismentling glazed or encaustic tiles, etc. 5 5 Dismentling of P.C.C 1:2:4 6 7 Vic 12 mm titted TEMPERED glass with san titte cost of tear resistance film, tubber gasket an respect as approved and directed by the Engine paid separately) 8 7 vic 12 mm titted TEMPERED glass with san the cost of tear resistance film, tubber gasket an respect as approved quality in the cost of tear resistance film, tubber gasket an respect as approved quality in the cost of tear resistance film, tubber gasket an respect as approved film of to compresed over 2.5mm thick up to 20 height. 9 Extra for providing and fixing approved quality in the respect as approved and firede film of to compresed over 2.5mm thick commercial pto or comprising of 2. 10 Cement Neru plaster (1:5) 1/2" thick up to 20 height. 11 Cement sand mortar (1:9)and embedding hold film of to coch hole covered with MS Box, coating with antic corrected 12:4, wold encored in the respect as approved and fixing 2 wide SC follow and film of to coch hole covered with MS Box, coating with antic correprese or tho act and arespect as approved and directed by the Engine rechan	Description 2 2 2 2 2 2 2 2 2 2 1	As per Appu Qty 570 570 570 570 11 115 115 115 115 115 33 35 35 35 35 35 35 35 35 3	P Sit	As per Approved Rough cost Estimate 2md Bi 2021 Amount 2021	mnd Bi 2021 Amount 6 24604 24604 2190 342 18079 12838 12838 12838
	2 2 In time mortor 2 nowkat. 2 sky light. 2 sky light. 2 caustic tiles, etc. 2 finishing complete. 4 finishing complete. 2 finishing complete. 3 finishing ic 4 finicated by the Engineer Incharge. (Floor hinge will be find Floor 3 find Floor 3 find Floor 3 for Floor 4 find Floor 5 for ement and sand) upto 20' (6.00 m) heightt-1/2''''' thick for ement and sast	Qty Qty 3 5 5 7 1 1 1 1 3 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 3 3 3 3	Umit 4 4 4 6 6 6 7 8 8	Rate 5 5 4317.45 4317.45 341.5 341.5 2335.85 11174.6 38178.9 38178.9 38178.9 38178.9 38178.9 38178.9 38178.9 38178.9 38178.9 3771.5 3771.5 3791.8	Amount 6 6 24604 24604 342 18079 18079 12838 128851 43861
	2 in lime mortor nowkat. sky light sky light caustic tiles, etc. caustic tiles, etc. finishing complete. finishing complete. finishing complete. finishing complete. finishing complete. finishing complete. finitishing complete. forected by the Engi	3 3 570 570 571 1 1 1 3 5 3 3 3 3 35 553 35 553 35 3 35 3	4 4 % Cft % Cft % Sft % Sft	5 4317.45 438 438 341.5 2335.85 341.5 38178.9 38178.9 38178.9 38178.9 38178.9 38178.9 37105.85 37405.85 3791.8	6 24604 2190 342 18079 12838 43861
	 In time mortor In time mortor sky light sky light caustic tiles, etc. caustic tiles, etc. finishing complete. finishing complete. finishing complete. finishing complete. finishing complete. finishing saket and hardware etc. complete in all op/ Pakistan cable having 2 mm thick Frame size D48- by Pakistan cable having 2 mm thick Frame size D48- cop/ Pakistan cable having 2 mm thick Frame size D48- intium glazed partition of anodized / powder coated paket and hardware etc. complete in all idirected by the Engineer Incharge. (Floor hinge will be wing approved quality rim lock adjustable over the style finick up to 20 height. finick up to 20 height. for ement and sate of supported with M.S.flat1 at1"x1/8"hold fastinge! (double rebatema de sed / supported with M.S.flat1 at1"x1/8"hold fastin cement in all respect as approved and directed by Engineer 	570 571 1 1 1 115 115 115 118 3 118 118 1289 910 910 910	% Cft Each Each 8 Sft % Sft	4317.45 438 438 341.5 2335.85 2335.85 11174.6 38178.9 38178.9 38178.9 38178.9 38178.9 38178.9 38178.9 37105.85 3096.9 3791.8	24604 2190 342 18079 12838 43861
	Nowkat. sky light caustic tiles, etc dinishing complete. finishing itc e film, rubber gasket and hardware etc. complete in all i directed by the Engineer Incharge. (Floor hinge will be xing approved quality rim lock adjustable over the style rind Floor rind Floor fin Generit and sand) upto 20' (6.00 m) height: -1/2'' thick (cement and sand) upto 20' (6.00 m) height: -1/2'' thick de MS/ GI Chowkat singel/ double rebatema de seed / welled /supported with M.S.flatt att"'stile" all respect as approved and directed by Engineer as approved and directed by Engineer <	5 774 774 774 115 3 3 3 3 553 553 553 553 811 115 910 910 910 910	Each 8 Str 8 Str 8 Str 8 Crt 8 Crt 8 Crt 8 Str 8	438 341.5 2335.85 2335.85 11174.6 38178.9 38178.9 1320.8 1320.8 1320.8 1320.8 33176.95 3771.5 3791.8	2190 342 18079 12838 12838
	sky light. caustic tiles, etc. caustic tiles, etc. finishing complete. finishing complete. finitum glazed partition of anodized / powder coated 20p/ Pakistan Cable having 2 mm thick Frame size D48- PERED glass with sand blasting and edge polishing i/c e film, tubber gasket and hardware etc. complete in all directed by the Engineer Incharge. (Floor hinge will be wing approved quality rim lock adjustable over the style approved quality rim lock adjustable over the style and Floor 2" thick up to 20 height. 2" thick up to 20 height. (cement and sand) upto 20' (6.00 m) height:-1/2" thick de MS/ GI Chowkat singel/ double rebatema de sed / weided /supported with M.S. flatt at1"/1/8"hold fastifor cement at1" at1" at1" at1" at1" at1" at1" at1"	1 1 774 774 115 115 115 115 118 3 910 910 910 910	Each Each % Cft % Cft % Cft % Sft	341.5 2335.85 11174.6 38178.9 1320.8 1320.8 1320.8 771.5 37105.85 3791.8	342 18079 12838 43861
	caustic tiles, etc. 4 finishing complete. 6 finishing complete. 7 finishing complete. 7 finishing complete. 7 finishing complete. 7 finishing complete. 7 film, rubber gasket and having 2 mm thick Frame size D48- 7 PERED glass with sand blasting and edge polishing l/c 8 film, rubber gasket and hardware etc. complete in all 1 directed by the Engineer Incharge. (Floor hinge will be 1 directed by the Engineer Incharge. (Floor hinge will be 1 directed by the Engineer Incharge. (Floor hinge will be 2 ming approved quality rim lock adjustable over the style 2 ming approved quality rim lock adjustable over the style 2 ming approved quality rim lock adjustable over the style 2 ming approved quality rim lock adjustable over the style 2 ming approved quality rim lock adjustable over the style 2 ming approved quality rim lock adjustable over the style 2 ming approved quality rim lock adjustable over the style 2 ming approved quality rim lock adjustable over the style 2 ming approved quality rim lock adjustable over the style 2 ming approved quality rim lock adjustable over the style 2 ming approved quality rim lock adjustable over the style 2 ming approved and statt and sand) upto 20 (6.00 m) height: -1/2" thick 2 ming the and sand supported with M.S. flatt 3 ming respect as approved and directed by Engineer 1 ming respect as approved and directed by Engineer	774 774 115 115 115 115 3 3 910 910 35 33	% St % St % Cft % Cft % Cft % Cft % Sft % Sft % Sft % Sft % Sft % Sft	2335.85 2335.85 11174.6 38178.9 1320.8 1320.8 1320.8 771.5 37105.85 3791.8 3791.8	18079 12838 43861
	finishing complete. finishing complete. Initium glazed partition of anodized / powder coated 20p/ Patkistan Cable having 2 mm thick Frame size D48- PERED glass with sand blasting and edge polishing i/c e film,rubber gasket and hardware etc. complete in all directed by the Engineer Incharge. (Floor hinge will be wing approved quality rim lock adjustable over the style approved quality rim lock adjustable over the style ind Floor 2" thick up to 20 height. (cement and sand) upto 20' (6.00 m) height:-1/2" thick de MS/ Gl Chowkat singel/ double rebatema de sed / welded /supported with M.S.flat1 at1"x1/8"hold fasts(6-Nos) welded /screwed ,punching of S Box,coating with antirustp aintincluding filling with)and embedding hold fastin cement	115 115 118 3 553 910 910 910	P Sft 8 Sft	11174.6 38178.9 1320.8 1320.8 771.5 37105.85 3791.8 3791.8	12838
	finishing complete. finishing complete. finishing complete. PERED glass with sand blasting and edge polishing <i>l</i> /c e film,rubber gasket and hardware etc. complete in all directed by the Engineer Incharge. (Floor hinge will be xing approved quality rim lock adjustable over the style approved quality rim lock adjustable over the style in Floor 2" thick up to 20 height. (cement and sand) upto 20' (6.00 m) height:-1/2" thick de MS/ Gl Chowkat singel/ double rebatema de sed / welded /supported with M.S.flat1 at1"x1/8"hold fasts(6-Nos) welded /screwed ,punching of S Box,coating with antirustp aintincluding filling with)and embedding hold fastin cement	35 118 3 553 15 910 910 910 81 33 553 15 35 118 910 910 910 910 910 910 910 910 910 910	P St 85t 64	38178.9 38178.9 1320.8 771.5 37105.85 3096.9 3791.8	43861
	inium glazed partition of anodized / powder coated 20p/ Pakistan Cable having 2 mm thick Frame size D48- PERED glass with sand blasting and edge poishing i/o e film, rubber gasket and hardware etc. complete in all directed by the Engineer Incharge. (Floor hinge will be xing approved quality rim lock adjustable over the style approved quality rim lock adjustable over the style ind Floor 2" thick up to 20 height. 2" thick up to 20 height. 2" thick up to 20 height. 2" thick up to 20 welded /supported with Ms.flat1 (cement and sand) upto 20' (6.00 m) height:-1/2" thick de MS/ GI Chowkat singel/ double rebatema de sed / welded /supported with Ms.flat1 at1"x1/8" hold fastio-Nos) welded /screwed , punching of S Box, coating with antirustp aintincluding filling with hand embedding hold fastin cement in all respect as approved and directed by Engineer	553 3 910 910 35	P Sft 85 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1320.8 771.5 37405.85 3096.9 3791.8	
	xing approved quality rim lock adjustable over the style and Floor 2" thick up to 20 height. (cement and sand) upto 20' (6.00 m) height:-1/2" thick (cement and sand) upto 20' (6.00 m) height:-1/2" thick ade MS/ GI Chowkat singel/ double rebatema de sed / welded / supported with M.S.flat1 at1"X1/8" hold fasts(6-Nos) welded / screwed , punching of S Box, coating with antirustp aintincluding filling with and embedding hold fastin cement in all respect as approved and directed by Engineer	3 118 118 910 35	Each % Sft %	771.5 37105.85 3096.9 3791.8	730800
	2" thick up to 20 height. (cement and sand) upto 20' (6.00 m) height:-1/2" thick de MS/ GI Chowkat singel/ double rebatema de sed / welded /supported with M.S.flat1 at1'x1/8"hold fasts(6-Nos) welded /screwed ,punching of S Box,coating with antirustp aintincluding filling with)and embedding hold fastin cement in all respect as approved and directed by Engineer	118 910 35	% Cff % Sff % Sff % Sff % Sff	37105.85 3096.9 3791.8	2315
	2" thick up to 20 height. (cement and sand) upto 20" (6.00 m) height:-1/2" thick de MS/ GI Chowkat singel/ double rebatema de sed / welded /supported with M.S.flat1 at1"x1/8"hold fasts(6-Nos) welded /screwed ,punching of S Box,coating with antirustp aintincluding filling with and embedding hold fastin cement in all respect as approved and directed by Engineer	1289 910 35	% Sft % Sft P Sft	3096.9 3791.8	43762
	(cement and sand) upto 20' (6.00 m) height:-1/2'' thick de MS/ GI Chowkat singel/ double rebatema de sed / welded /supported with M.S.flat1 at1''/1/8''hold fasts(6-Nos) welded /screwed ,punching of S Box,coating with antirustp aintincluding filling with)and embedding hold fastin cement is in all respect as approved and directed by Engineer	910 35	% Sft P Sft	3791.8	39919
	de MS/ GI Chowkat singel/ double rebatema de seed / welded /supported with M.S.flat1 at1"x1/8"hold fasts(6-Nos) welded /screwed ,punching of S Box,coating with antirustp aintincluding filling with and embedding hold fastin cement in all respect as approved and directed by Engineer	35	P St		34505
				727	25454
	P/F1-1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1"thick packing woodin style and rails under proper pressure <i>i</i> /c the cost of nails, tower bolt, handles,glue,sawing charges, Painting charges, sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge	35	P Sft	502	17577
	P/F openable door comprising of 3mm thick UPVC hollow profile chowkat frame of 60mm x 64mm and leaf frame 60 mm x 106 mm both duly reinforced with G I box frame inside the void with 20 mm wide panel with grooves on both sides i/c the cost of hardware hinges four bolt and cutting changes on approved & directed by the Engineer Incharge.	35	P Sft	1950	68250
	Providing and laying superb quality Porce lain 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>i</i> /c the cost of sealer for finishing the joints <i>i</i> /c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. 600mmx 600 mm.	919	P Sft	340.55	312987
	Providing and laying superb quality Porce lain glazed tiles of Master br and, skirting / dado of specified size,Color and Shade with adhesive / bond over 1/2"thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints ,cutting grinding complete in all respect as approved and directed by the Engineer Incharge.600mmx 600 mm	715	P	340.55	5 53 53
Providing and laying superb quality Cerc specified size, Glossy/Matt/Texture of ap approved design with adhesive bond, ov <i>it</i> the cost of sealer for finishing the join respects and as approved and directed 12"X18"/12"X24"/10"X24" /8"X24"/12"X36	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>it</i> the cost of sealer for finishing the joints <i>it</i> cutting grinding complete in all respects and as approved and directed by the Engineer Incharge 12"x18"/12"x24"/10"x24" /8"x24"/12"x38	80	P Sft	240	9428
Providing and laying supe specified size, Glossy/Matt with adhesive bond over 1 finishing the joints i/c cutti directed by the Engineer i	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 incharge12"X18"/12"X24"/10"X24" /12"X38	273	P St	292.75	79921
19 Distempering one coat to old surface.	old surface.	919	% Sft	561.30	5159
20 Preparing surface and pai scraping.	Preparing surface and painting with emulsion paint:-two coat complete. After scraping.	780	% Sft	2796.55	21813

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S.#	Description	vs per Appro	ved Rough o	As per Approved Rough cost Estimate 2nnd Bi	2md Bi 2021	
		Qty	Unit	Rate	Amount	
-	P H Portion	e B	4	3	9	T ⁱ T
24	Providing and fitting glazed earthen ware water closet squatter type orisa pattern, excluding seat and cover with 'P' trap.	-	Ŷ	2742	2742	· ·
2	Providing and fitting one piece Europeon Coupled set of Water Closet (WC) and flushing Clistern of PORTA brand (full size) <i>lic</i> the cost of CP/ nubber connection, fittimble, normal seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.	.	g	19987	19987	1
23	Providing and fitting earthen ware low down flushing cistren 13,63 liters (3 gallons) capacity , including bracket set, copper connection , etc.	-	Ŷ	2649	2649	
24	Providing and fixing Bathroom Accessories (7-piece set) Master brand - One Cosmetic Shelf, One Towel rod with bracket, One some dish, One double hock, One tweel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.	N	2 Z	7600	15200.00	
55	Providing and fixing CP bath Room Set made of Sonex / Master/ Faisal comprising of 3NoTee stop cocks, lever type Basin Mixer,double Bib Cock, Muslim shower,waste coupling and bottle trap etc. complete in al Irespect as approved and directed by the Engineer incharge.	~	£	14472	28944.00	1
56	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.Under Counter Vanity Basin	2	No	7330	14660.00	T
27	Providing, laying, cutting, jointing, testing and disinfecting pipe line in trenches with PVC/ uPVC pipes of B.S.S. with `D' Class working pressure complete in all respects:- 4" dia.	150	튪	757.95	113692.50	
58	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe Beta or any approved firm in trenches, Cost of sockets, tees, elbows, bends, valves, crosses, unions and plugs, are included in the rates except for internal PPRC piping & Threaded Specials for Bath rooms/ Levorctary. 25mm dia.	150	₩.	66.5	9975.00	1
8	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe Beta or any approved firm in trenches, Cost of sockets, tees, elbows, bends, valves, crosses, unions and plugs, are included in the rates except for internal PPRC piping & Threaded Specials for Bath rooms/ Levorotary. 32mm dia.	02	Rt	106.9	7483,00	1
Ş	E I Portion SRE of DVC nine for winner arread 3/4" dia	160	ġ	ľ		
8		85	ž \$2	94.6	8041.00	1
32	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe M.S conduit/G1 pipe wooden strip batten/wooden casing an capping /G1 wire trenches (rate for cabel only) i) 3/0.74 mm (3/0.029")	650	£	25.75	16737.50	
•	do7/0.029	400	Rft	40.75	16300.00	T
ပ	do7/0.044 twin core	100	퇪	160.2	16020.00	
8	P/F PVC double layer Switch kit Face plate with specified switch holes itc the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge 03 Gange	7	No	742.5	5197,50	r
¥	S/E of 3pin 5 Amp wall socket.	15	°2	90.2	1353.00	F
x	S/E of button holder brass etc.	25	۶	53.75	1343.75	<u> </u>
8	S/E of L E D Bulb 24 watt as approved by the Engineer incharge.	25	Ŷ	650	16250.00	
	Total				2046126	1
	credit of old Metrial				-	
-	Bricks	4617	%0No	8500	39245	r
7	Bats	228	P Cft	30	6840	
m	Door Un serviceable	- S	Each	1500	7500	
4	Windows serviceable	-	Each	2000	2000	F
	Total	-			55585	
	Net Total			-	1990542	
					_	

(Sub Divisional Officer) (Executive Engineer) Buildings Sub Division Buildings Division Narowal Narowal

Sub Engineer

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<u>0 / 15 </u> 2022-2		191	134	54	191 570	0/6	2	-	774	774	115		70 257	35/ 126	553	e		45 86	131	118		910 220	159	1289	910 morted w	with A in ceme	35		35	35		919	
AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23	ESTABLISHMENT OF CCU WARD	1x21-1/4x3/4x12			1x21-1/4x3/4x12 191 Total E70		IJ.	÷	1x2x(43-1/4+21-1/4)x6	Total	1x43-1/4x21-1/4x1/8	Providing and fixing aluminium glazed partition of anodized / powder coated using section of M/s. Al-Cop/ Pakistan Cable having 2 mm thick Frame size D48-A , i/c 12 mm tinted TEMPERED glass with sand blasting and edge polishing i/c the cost tear resistance film,rubber gasket and hardware etc. complete in all respect as a give directed by the Engineer Incharge.(Floor hinge will be paid separately)			Total 553			2x5x3/8x12 45 3x6-3/8x3/8x12 86	Total	d/d 2x2-1/2x3/8x7 13 Net Total 1131-13 118		1x2x(43-1/4+21-1/4)x7 910 2x2x(6+5)x5 222		Total	1X2X(43-1/4+21-1/4)X7 sinnel/ double rebeteme de ref6SWG MS sheet messend / wolded /sumodes	M.S.flatt-1/H.X.1/8"//G [*] mod M.S.Flatt ''A1/8"hold sats(G-Nos) welded /screwed purchage pressed menor pressed menor of lock hole covered with MS Box, coating with antirustip aintinctuding filling with cement sand mortar (1:8)and embedding hold fastin cement concreted 1:8)and embedding hold fastin cement concreted 1:8)and embedding hold fastin cement concreted 1:8)and embedding hold fastin cement		P/F1-1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1"thick packing woodin style and rails under proper pressure i/c the cost of nails, tower bolt, handles,glue,sawing charges,Painting charges,sand papering and 3/6"thick matching wooden lipping as approved and directed by the Engineer Incharge.	1x5x7 35 P/F openable door comprising of 3mm thick UPVC hollow profile chowkat frame of 60mm x 64mm and leaf frame 60 mm x 106 mm both duly reinforced with G I box frame inside the void with 20 mm wide panel with grooves on both sides I/c the cost of hardwares hinges four bolt and cutting changes on approved & directed by	2x2-1/2x7 35	Providing and laying superb quality Porce lain 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>its</i> the cost of sealer for finishing the joints <i>its</i> cutting grinding complete in all respect as approved and directed by the Engineer Incharge.600mmx 600 mm.	1x43-1/4x21-1/4	
<u>Amended Rough Cost estimate f</u> Hospitals in Punjab one at <u>d</u> i		 Usmentling of brick work in lime mortor ward 	Single bed ward	barth	barth	2 Removing of door with chowkat.		 Kemoving of windows & sky light. 	4 Dismantling glazed or encaustic tiles, etc. ward side wall		 Dismentating or p cc 1:2:4 P/L p cc 1:2:4 i/c surface finishing complete. 	1x43-1/4x21-1/4x Providing and fixing aluminium glazed partition of anodized / powder coated using se having 2 mm thick Frame size D48-A , <i>itc</i> 12 mm tinted TEMPERED glass with sand tear resistance film,rubber gasket and hardware etc. complete in all respect as 7 approved and directed by the Engineer Incharge.(Floor hinge will be paid separately)	H wall			8 Providing and fixing, approved quality mortice lock	9 Pacca brick work 1:4 in 2nd Floor				10 Cernent plaster (1:5) 1/2" thick up to 20 height.	outer side of bath	inner side of bath	11 Cement Neur plaster 1.2 (rement and sand) unto 20' (6.00 m) height-1/2" thick	Providing and fixing 2 ^m uide MS/ GI Chowlest o	12 Michael and the strugg of t		P/F1-1/2" thick solid flush door comprising commercial ply over 1"thick packing woodin s handles,glue,sawing charges,Painting char approved and directed by the Engineer Inchar	P/F openable door comprising of 3mm thick U frame 60 mm x 106 mm both duly reinforced v grooves on both sides l/c the cost of hardware	ne cugueel atclatge.	Providing and laying superb quality Porce approved design ,Color and Shade with adhe for finishing the joints i/c cutting grinding or Incharge.600mmx 600 mm.		

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ŀ Providing and laying superb quality Porce lain glazed tiles of Master br and, skirting / dado of specified size,Color and Shade with adhesive / bond over 1/2"thick (1:2) cement plaster i/c the cost of and sealer for finishing the-joints ,cutting grinding complete in all respect as approved and directed by the Engineer Incharge.600mmx 600 mm 16

30 35 Total 65 715	ture of plaster ed and 60		308 Total 308		919 780		of al 1	ding 1	e ar ed by 2	p p etc. 2	racket 2	e SDR kd and 150	n the 150	n the 70	150	85
d/d 1x5x6 2x5x3-1/2 Total Net Total (780-65)	Providing and laying superb quality Ceramic tile floors of Master brand of specified size,Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge 12"x18"/12"x24"/10"x24"/10"x24"/12"x36 2x5x6	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 Incharge12"x18"/12"x24"/10"x24"/12"x36	2x2x(5+6)x7	2x2-1/2x7 Net Total(308-35)	1x43-1/4x21-1/4 sion paint:-two coat complete. 1x2x(43-1/4+21-1/4)x6	P H Portion Providing and fitting glazed earthen ware water closet squatter type orisa pattern, excluding seat and cover with 'P' trap.	Providing and fitting one piece Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) <i>it</i> c the cost of CP/ rubber connection ,thimble ,normal seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.	Providing and fitting earthen ware low down flushing cistren 13,63 liters (3 gallons) capacity , including bracket set, copper connection , etc.	Providing and fixing Bathroom Accessories (7-piece set) Master brand - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass <i>it</i> the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.	Providing and fixing CP bath Room Set made of Sonex / Master/ Faisal comprising of 3NoTee stop cocks, lever type Basin Mixer,double Bib Cock,open, Muslim shower,waste coupling and bottle trap etc. complete in al trespect as approved and directed by the Engineer incharge.	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.Under Counter Vanity Basin	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge.	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe Beta or any approved firm in trenches, Cost of sockets, tees, elbows, bends, valves, crosses, unions and plugs, are included in the rates except for internal PPRC piping & Threaded Specials for Bath rooms/ Levorotary. 25mm dia.	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipe Beta or any approved firm in trenches, Cost of sockets, tees, elbows, bends, valves, crosses, unions and plugs, are included in the rates except for internal PPRC piping & Threaded Specials for Bath rooms/ Levorotary. 32mm dia.	t" dia.	dia.
	Providing and laying superb quality Cerar approved Color and Shade as per approve <i>i/c</i> the cost of sealer for finishing the joir directed by the Engineer Incharge 12"X18"	Providing and laying superb quality Cera skirting/dado of approved Color and Shad sealer for finishing the joints <i>i/c</i> cutting Engineer Incharge12"x18"/12"x24"/10"x24	Bath	q/q	19 Disterripering one coar to ord surrace. 1x43 20 Preparing surface and painting with emulsion paint:-two coar complete. 1x2x	P H Portion Providing and fitting glazed earthen wa cover with 'P' trap.	Providing and fitting one piece Europec PORTA brand (full size) <i>itc</i> the cost of bolts complete in all respects as approv	Providing and fitting earthen ware low or bracket set, copper connection , etc.	Providing and fixing Bathroom Accesso Towel rod with bracket, One soap dish, holder & looking glass i/c the cost of ha the Engineer incharge.	Providing and fixing CP bath Room Set made of Sonex / Master/ Faisal cor cocks, lever type Basin Mixer,double Bib Cock,open, Muslim shower,waste complete in al Irespect as approved and directed by the Engineer incharge.	Providing and fitting glazed earthen ware wash hand basin /vanity 56 set, waste pipe and waste coupling, etc.Under Counter Vanity Basin	Providing, fixing, testing and commissionir make of Dadex /Popular/Beta or equivaler (Standard Dimension Ratio) including the (directed by the Engineer Incharge. 4" Dia	Providing, laying, cutting, jointing, testir trenches, Cost of sockets, tees, elbows rates except for internal PPRC piping 8	Providing, laying, cutting, jointing, testir trenches, Cost of sockets, tees, elbows rates except for internal PPRC piping 8	E I Portion S/E of PVC pipe for wiring purpose 3/4" dia.	S/E of PVC pipe for wiring purpose 1" dia

Rft	Rft	Rft	No	No	No	soN	Nos	Nos	(Executive Engineer) Buildings Division Narowal	a در دور کار در در در در دارد در دارد در در در از از میرون در از از میرون در در از میرون در در میرون در در می
650	400	100	7	15	25 25	4617	228	، م	(Exec	the first state on equilation of the
Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe M.S conduit/G.I pipe wooden strip batten/wooden casing an capping /G.I wire trenches (rate for cabel only) i) 3/0.74 mm (3/0.029")			P/F PVC double layer Switch kit Face plate with specified switch holes //c the cost of switches / sockets / dimmer made of Hi-Life / Bush / Schenider, screws complete as approved and directed by the Engineer Incharge 03 Gange	cket.	S/E of button holder brass etc. S/E of L E D Bulb 24 watt as approved by the Engineer incharge.	570x1350x60/100x100	570x40/100		Sub Erighers State Dression Buildings Sub Dression Marceral	and a first and and a second
Supply and erection of sing 32 conduit/G.I pipe wooden st 3/0.74 mm (3/0.029")	Bdo7/0.029	cdo7/0.044 twin core	 7/F PVC double layer Switch 33 / dimmer made of Hi-Life / Bu Engineer Incharge 03 Gange 	34 S/E of 3pin 5 Amp wall socket.	35 S/E of button holder brass etc. 36 S/E of L E D Bulb 24 watt as a	credit of old Metrial 1 Bricks	2 Bats	3 Door Un serviceable4 Windows serviceable	σ	فيهجج خاصيا القحمانية المحمدية أباقرن والمتحار كالأصر كالمراج المحمد والمحمد

	Revamping Of Gynae Ward (Ground Floor)				
		Amende	d Rougl	Lost Estin	Amended Rough Cost Estimate 2nd Bi 2022
# 2	neurona and a second	Qty	Unit	Rate	Amount
	2		4	5	9
	Removing of door	÷	Each	438.00	4818
33	Dismentling of P.C.C 1:2:4	90	% Cft	11174.6	10099
4	P/L p cc 1:2:4 i/c surface finishing complete.	90	% Cft	38178.9	34504
<u>ــــــــــــــــــــــــــــــــــــ</u>	Providing and laying superb quality Porce lain 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>i/c</i> the cost of sealer for finishing the joints <i>i/c</i> cutting grinding complete in all respect as approved and directed by the Engineer Incharge.600mmx 600 mm.	86	P Sft	340.55	33374
9 9	Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy/Matt /Texture skirting/dado of approved Color and Shade with adhesive bond over 1/2"thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer incharge 12"x18"/12"x24"/10"x24"/12"x36	2164	P Sft	292.75	633365
B 8	Providing and laying superb quality Ceramic tile floors of Master brand of specified size,Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge 12"x18"/12"x24"/10"x24" /8"x24"/12"x36	628	P Sft	240.00	150750
7	Distempering one coat to old surface.	7792	% Sft	561.30	43738
	Preparing surface and painting with emulsion paint:-two coat complete.	17184	% Sft	2796.55	480559
 თ	Supply and installation anti microbial Hygenic Flooring (With anti bacterial agent) confroming to (iSO : 22196) of sepcified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer incharge.(Epoxy)	903	P Sft	602	543606
2 2	Supply and installation premimum graded/ scratch resistant Hygienic anti microbial Hygenic anti-Microbial pvc wall cladding of specified thickness duly thermoplastic welded conforming to ISO 22196) and pasted over 12 mm thick gypsum board with adhesive / solvent fixed over 14 SWG G I Channael of size 3.5"x2x3.5" duly screwed on wall i/c the cost of hardwares as approved and directed by the Engineer Incharge.(2.5mm) Thick.	2040	P Sft	2250	4590000
11	Supply And installation of clip in tile (0.6 mm-0.7 mm thick) non Porous alumnuimfalse ceiling of specified size fitted with clip in suspension system hanged on concealed T/ shiplap edge / runners @ of 600 mm x 600 mm grid edge trims fastem on wall with pluge & screw @ 500mm c/c cutting charge of tiles to requred size suspension rod & joints sealed in sillicon if required on Dampa /demark as approved by the Engineer Incharge	903	P Sft	602	543606
12	P/F1-1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1"thick packing woodin siyle and rails under proper pressure <i>i</i> /c the cost of nails, tower bolt, handles,glue,sawing charges,Painting charges,sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge.	40	PSf	502.20	24608
13	P/F openable door comprising of 3mm thick UPVC hollow profile chowkat frame of 60mm x 64mm and leaf frame 60 mm x 106 mm both duly reinforced with G I box frame inside the void with 20 mm wide panel with grooves on both sides <i>l</i> /c the cost of hardwares hinges four bolt and cutting changes on approved & directed by the Engineer incharge.	158	PSft	1950.00	307125
÷.	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.3/8" Squar Bars	1116	PSft	854.35	953455
16	Providing and fixing 2"X2" Stainless Steel 14 SWG Corner Guard angle with bevelled corner and 0.8 mm bend at edges duly pasted with premium grade self-adhesive glue strips with excellent indi/(double sided Tapp) as approved and directed by the Fnoineer Inchance	40	P Rft	1260.00	50400

		Amende	ed Roug	h Cost Estin	Amended Rough Cost Estimate 2nd Bi 2022	
÷ S	Description	Qty	Unit	Rate	Amount	
-	2	÷	4	5	9	
17	Providing and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 mm thick hard aluminum channel fixed on wall bracket and screws c/c the cost of albows at ends, buffer bett as approved and directed by the Engineer Incharge	580	P Rft	650.00	377000	
18	Petty repair to small rooms.	25	Each	558.95	13974	
19		100	Each	1118.05	111805	
20		ω	Each	5572.00	33432	
21	Providing and fitting one piece Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP/ rubber connection ,thimble ,normal seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.	6	Each	19987.90	179891.1	
52	Providing and fixing Bathroom Accessories (7-piece set) Master brand - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass <i>li</i> /c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.i) Plastic soap dish ii) Plastic toilet paper holder iii) Plastic tower rail iv) Plastic shelf 60x13 cm (24:x5") with bracket and railing v) Plastic Brush holder vi) Looking glass with plastic frame vii) Towel ring	g	Each	7600.00	45600	
23	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.Under Counter Vanity Basin	9	Each	7330 00	43980	
24	Providing, laying, testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code <i>i</i> /c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe ii)(3/4") 25 mm	550	PRft	66.50	36575	
25	Providing, laying, testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code <i>i/c</i> cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe ii)(1") 32 mm	450	P Rft	106.90	48105	
26	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge.	350	P Rft	260.60	91210	
27	Providing and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3-NoTee stop cocks ,lever type Basin Mixer,double Bib Cock,open wall shower,Muslim shower,waste coupling and bottle trap etc.complete in all respect as approved and directed by the Engineer incharge.iv) Open Type Wall Shower v) Muslim shower vi) Waste Coupling vii) Bottle Trap i) 3 No Tee Stop Cock (set) ii) Lever Type Basin Mixer iii) Double Bib Cock	4	Each	14472.00	57888	
30	Providing and fitting "P" trap:-i) 10 cm (4") glazed.	6	Each	283.15	2548	
				Total:-	9443466	
-	Cride of old Meterial	;	1			
-		7	Each	800.00	8800	
				Total:- G Total:-	8800 9434666	
	Say:-				9434666	
	Sub Engineer			(Executive Engineer) Buildings Division	Engineer) s Division	

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Narowal

AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF AUL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO.660

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	FOR THE YEAR 2022-23			
	Revamping Of Gynae Ward	ą		
Removing of door (Washrooms)			1	°N N
Dismentling of P.C.C (1:2:4)				
M.O	1x8x6x1/8		9	£
Nursing	1x5x10x1/8		ç	
Toilet block	2x10-1/4x10-1/4x1/8		26	
Lobby	1x22-1/2x7-1/4x1/8		20	
Gynem	1x7x5x1/8		4	:
M.OToilet	2x8x5x1/8		10	
Toilet Portion	4x5x7x1/8	i	18	
	Te	Total:-	96	£

P/L plain cement concrete 1:2:4i/c surface finishing complete. 4

	6 CI	- 9	26 "	20 "	4	10 -	18 "	:- 90 Cft
-								Total
•	1x8x6x1/8	1x5x10x1/8	2x10-1/4x10-1/4x1/8	1x22-1/2x7-1/4x1/8	1x7x5x1/8	2x8x5x1/8	4x5x7x1/8	
•	M.O	Nursing	Toilet block	Lobby	Gynem	M.OToilet	Toilet Portion	

Providing and laying superb quality Porce lain glazed tiles flooring of MASTER brand of specified size in approved design ,Color and Shade with adhesive / bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge.600mmx 600 mm. ŝ

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48 50	86	
1x8x6 1x5x10	Total	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 l/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge12"x18"/12"x24"/10"x24" /8"x24"/12"x36

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5.... 555 574 240 298 298 624 624 **740 740** Total 2x2x(10-1/4+10-1/4)x7 2x2x5x12 1x2x(22-1/2+7-1/4)x5 1x2x(7+5)x12 2x2x(8+5)x12 8x2-1/2x7 4x2x5x7 lobby Gynem MoToitet toitet portion toilet block ₽₽

Providing and faying 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 *lic* the cost of sealer for finishing the joints *l/c* cutting grinding complete in all respects and as approved and directed by the Engineer Incharge 12"x18"/12"x24"/f0"x24"/f12"x36

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Net Total (2304-140)

210 Sft	163 "	35 "	80 "	140 "	Total 628 Sft		903 Sft	123 "	144 "
2x10-1/4x10-1/4	1x22-1/2x7-1/4	1x7x5	2x8x5	4x5x7		to old surface.	2x21-1/4x21-1/4	1x12x10-1/4	1x14x10-1/4
toilet block	lobby	Gynem	MoToilet	toilet portion		Distempering one coat to old surface.			store

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388 685 105

1x18-1/4x21-1/4 1x32-1/4x21-1/4 1x10-1/4x10-1/4

delivery room

Gymeward

baby room

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Supply and installation anti microbial Hygenic Flooring (With anti bacterial agent) confroming to (iSO : 22196) of sepcified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer Incharge.(Epoxy)

2x21-1/4x21-1/4

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903 903

Total

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Supply and installation premimum graded/ scratch resistant Hygienic anti microbial Hygenic anti-Microbial pvc wall cladding of specified thickness duly thermoplastic welded conforming to ISO 22196) and pasted over 12 mm thick gypsum board with adhesive / solvent fixed over 14 SWG G I Channael of size 3.5"x2x3.5" duly screwed on wall *lic* the cost of hardwares as approved and directed by the Engineer Incharge.(2.5mm) Thick. 5

S#	ŝ
2040 Sft	2040
I	Total
2	
:1-1/4)x1	
2x2x(21-1/4+21-1/4)x1)	
2X2X()	
ΟT	

Supply And installation of clip in tile (0.6 mm-0.7 mm thick) non Porous alumnuimfalse ceiling of specified size fitted with clip in suspension system hanged on concealed T/ shiplap edge / runners @ of 600 mm x 600 mm grid edge trims fastem on wall with pluge & screw @ 500mm c/c cutiting charge of tiles to requred size suspension rod & joints sealed in sillicon if required on Dampa /demark as approved by the Engineer Incharge. 0 ÷

뜘	Sf
903	903
	Total
x21-1/4	
2x21-1/4x21-1/4	

P/F1-1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1"thick packing woodin style and rails under proper pressure *i/c* the cost of nalls, tower bolt, handles,glue,sawing charges, Painting charges,sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge. 2

2x3-1/2x7

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49

P/F openable door comprising of 3mm thick UPVC hollow profile chowkat frame of 60mm x 64mm and leaf frame 60 mm x 106 mm both duly reinforced with G I box frame inside the void with 20 mm wide panel with grooves on both sides *lic* the cost of hardwares hinges four bolt and cutting changes on approved & directed by the Engineer incharge. ŝ

똜	Sft
158	158
	Total
9x2-1/2x7	

Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge 3/8" Squar Bars 15

900 Sft	. 96	120 "	1116 Sft
			Total
25x6x6	2x8x6	20x3x2	
Diagnostic			

SH SH Providing and fixing 2"X2" Stainless Steel 14 SWG Corner Guard angle with bevelled corner and 0.8 mm bend at edges duly pasted with premium grade self-adhesive glue strips with excellent hold/(double sided Tape) as approved and directed by the Engineer Incharge. 9

40 Rft		
8x5	Provding and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 mm thick hard aluminum channel fixed on wall bracket and screws c/c the cost of albows at ends, buffer belt as approved and directed by the Engineer	Incharge
	Provding an 17 over 1.6 mn cost of alt	Incharge

580 Rft

18 Petty renair to small moms	Total	580 Rft
		25 No
19 Petty repair to main rooms.	Total	25 No.
		100 No
	Total	100 No

6 No Providing and fixing heavy duty 3 mm thick SS Plate, die-cast metal auotomatic hydraulic operated door stopper (Concealed floor hinge) embeded in floor i/c the cost of Top pivot hinge,hardware, cutting of floor and making it good complete in all respect as approved and directed by the Engineer Incharge. 20

6 No	
Total	
Ę	
P H Portion	

٤ o Providing and fitting one piece Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP/ rubber connection, thimble, normal seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge 5

С Х С	6 No	550 Rft	450 Rft	350 Rft	4 No	9 No	11 NO	(Executive Engineer) Buildings Division Narowal
Providing and fixing Bathnoom Accessories (7-piece set) Master brand - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass <i>i/c</i> the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.) Plastic soap dish ii) Plastic toilet paper holder iii) Plastic tower rail iv) Plastic shelf 60x13 cm (24.55°) with bracket and railing v) Plastic Brush holder vi) Looking glass with plastic frame vii) Towel ring	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.Under Counter Vanity Basin	Providing, laying, testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betacre quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent specials , making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe ii)(3/4") 25 mm	Providing, laying testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent specials , making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe ii)(1") 32 mm	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge.	Providing and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3-NoTee stop cocks, lever type Basin Mixer,double Bib Cock.open wall shower,Muslim shower,waste coupling and bottle trap etc.complete in all respect as approved and directed by the Engineer incharge.iv) Open Type Wall Shower v) Muslim shower vi) Waste Coupling vii) Bottle Trap i) 3 No Tee Stop Cock (set) ii) Lever Type Basin Mixer iii) Double Bib Cock	Providing and fitting "P" trap:-i) 10 cm (4") glazed.	Cride of old Meterial door	Sub Engineer Buildings Sub Division Narowal
8	ŝ	24	25	58	27	30	-	

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IR THE BALANCE WORK HOSPITALS IN PUNJAB > NO .660 FOR THE YEAR	<u>OST</u>	round Floor) Rs.2633512/-	Rs.2573162/-	Total Rs.5206674/-	Executive Engineer Buildings Division Narowal		
AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23	ABSTRACT OF COST	Revamping of Radiology & Pathology Block (Ground Floor)	Revamping of Admin Block (First Floor)		Sub Divisional Officer Buildings Sub Division Narowal		
AMENDED OF REVAM ONE AT DHO		1 Revampi	2 Revampi		Sub Engineer		

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AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23

	Revamping of Radiology & Pathology Block (Ground Floor)	oor)				
# U	Preventing	mended	Rough	Amended Rough Cost Estimate 2nd Bi 2022	2nd Bi 2022	
2		Qty	Unit	Rate	Amount	
	2		4	5	6	
- N	Dismentifing of P.C.C 1:2:4	10	% Cft	438.00 11174.6	7934	
ø	Distempering one coat to old surface.	5947	% Sft	561.30	33383	
4	Preparing surface Emusion paint two coat to surface.	6639	% Sft	2796.55	185658	
G	1-1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1"thick packing woodin style and raits under proper pressure <i>l</i> /c the cost of nails, tower bolt, handles, glue, sawing charges, Painting charges, sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge.	123	P Sft	502.20	61520	
٢	Providing and laying 3/4"thick full width Pre polished Marble slab for Vanities /Shelves/ Treads/ Window Cills, having Uniform texture (Spotless) with adhesive bond over 3/4"thick (1:2) cement sand mortor i/c the cost of matching sealer complete in all respect as approved by the Engineer Incharge	378	н Тол	412.35	155868	
80	P/L p cc 1:2:4 i/c surface finishing complete.	71	% Cft	38178.9	27107	
<i>o</i>	Providing and laying superb quality Ceramic tile floors of Master brand of specified size,Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge 12"x18"/12"x24"/10"x24" /8"x24"/12"x36	560	P Sft	240.00	134400	
9	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 Incharge12**X8*/12**Z4*/10**Z4* /12**X36	1986	P Sft	292.75	581402	
7	P/F openable door comprising of 3mm thick UPVC hollow profile chowkat frame of 60mm x 64mm and leaf frame 60 mm x 106 mm both duly reinforced with G I box frame inside the void with 20 mm wide panel with grooves on both sides <i>i/c</i> the cost of hardwares hinges four boil and cutting changes on approved & directed by the Engineer incharge.	193	P S#	1950.00	376350	
5	_	9	Each	7000.00	42000	
13	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" is the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.3/8" Squar Bars	558	P Sft	854.35	476727	
14		40	P RA	1260.00	50400	
15	Provding and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 mm thick hard aluminum channel fixed on wall bracket and screws c/c the cost of albows at ends, buffer belt as approved and directed by the Engineer Incharge	234	P Rft	650.00	152100	
17	Providing and fixing almirah shutter comprising of 3/4'thick both side Laminated /Glossy MDF (Karachi) sheet with 1'x3/4'deodar wood gola all around the leafifixedon (3'x1') Kall wood frame <i>l</i> /c the cost of 1/2" full brasshinges ,C.P. handles ,catchers ,screws, and rawal plugs,polishing / painting 3ccat to gola & frame <i>l</i> /c the cost of locking arrang ement complete in all respect as approved and directed by Engineer Incharge.	27	P Sft	431	11646.45	
18		4	Each	19987.90	79951.6	
0	Providing and fixing Bathroom Accessories (7-piece set) Master brand - One Cosmetic Sheff. One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.i) Plastic soap dish ii) Plastic toilet paper holder iii) Plastic tower rail iv) Plastic shelf 60x13 cm (24.x5") with bracket and railing v) Plastic Enush holder vi) Looking glass with plastic frame vii) Towel ring	~	Each	7600.00	23200	
20	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22*x16*) including bracket set, waste pipe and waste coupling, etc.Under Counter Vanity Basin	ъ	Each	7330.00	36650	

	022	rt					_	6		75		12		<u> </u>	-	12
	e 2nd Bi 2	Amount	0	19950	32070	9300	13370	26060	72360	12291.75	2548	2646312		12800	12800	2633512
1	Amended Rough Cost Estimate 2nd Bi 2022	Rate	S	66.50	106.90	775.00	955.00	260.60	14472.00	2458.35	283.15	Total:-		800.00	Total:-	
	d Rough	Unit	4	P Rft	P Rff	Each	Each	р Rft	Each	Each	Each			Each		
i	Amende	Qtv	'n	300	300	12	14	100	'n	2	6			16		
	Deconsiderations	neer buon	7	Providing, laying, testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer incharge. (Internal/ External Diameters mentioned),b) PN-20 pipe ii)(3/4") 25 mm	Providing, laying, testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore guivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent ,specials , making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe ii)(1") 32 mm	Providing and fixing chromium plated bib cock:	_	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex /Popular/Bata or equivalent, plain /socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge.		Providing and fitting glazed earthen ware water closet,squatter type (Orisa pattern), combined with foot rest.) coloured	Providing and fitting "P" trap:-i) 10 cm (4") glazed.		Cride of old Meterial	door		
	. = 	ŧ.	_	2	<u>20202</u> N	23	24	55 7	92 72	5 73	29			Ŧ	-	

Sub Engineer

(Executive Engineer) Buildings Division Narowai

$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Removing of door (Washroom)		16	°N N
Isolos (18) Isolos (18) <thisolos (18)<="" th=""> <thisolos (18)<="" th=""></thisolos></thisolos>	Ismenting of P.C.C (1:2:4) bath	2x11x17-1/4x1/8	48	Ð
xt15x6x1/8 xt15x6x1/8 xt15x6x1/8 xt11 ank xt11-1/4471-1/4 74 ank xt11-1/4471-1/4 158.84 ank xt11-1/4471-1/4 158.84 xt11-1/4471-1/4 100 xxt11-1/4471-1/4 100 xxt23-1/4471-1/4 100 xxt23-1/4411-1/4 100 xxt23-1/4411-1/4 104 xxt23-1/4411-1/4 100 <		1x5x6x1/8	4	•
Interface Total T ank χ_{417-14} 1388.4 χ_{477-14} χ_{477-14} 1388.4 χ_{477-14} χ_{477-14} 138.4 $\chi_{223-14477-14}$ 138.4 100 $\chi_{223-14477-14}$ 100 221.4677-14 201 $\chi_{11-1442-14}$ 201 222.14477-14 201 $\chi_{11-1442-144}$ 202 223.14477-14 201 $\chi_{11-1442-14}$ 202 223.14477-14 201 $\chi_{12-1447-14}$ $\chi_{22-14477-14}$ 201 202 $\chi_{22-14477-14}$ $\chi_{22-14477-14}$ 201 202 $\chi_{22-14477-14}$ $\chi_{22-14477-14}$ 201 201 $\chi_{22-14477-14}$ $\chi_{22-14477-14}$ 201 201 $\chi_{22-14477-14}$ $\chi_{22-14477-14}$ 201 201 201 $\chi_{22-14477-14}$ $\chi_{22-14477-14}$ 201 201 201 $\chi_{22-14477-14}$ $\chi_{22-14477-14}$ 201 201 201 $\chi_{22-1477-14}$ $\chi_{22-14477-14}$ <td></td> <td>1×10×6×1/8 1×15×6×1/8</td> <td>æ ÷</td> <td></td>		1×10×6×1/8 1×15×6×1/8	æ ÷	
and mit one coat to old surface. $\begin{array}{c} X11.14X17.14 \\ X14.77.14 \\ X23.14X7.14 \\ X23.14X17.14 \\ X11.14X17.14 \\ X11.14X17.14 \\ X12.24147.114 \\ X12.24147.114 \\ X12.24147.114 \\ X22.31471.14 \\ X22.31471.1$				٦ ۱
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	istempering one coat to old surface.			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Stood Bank	/x11-1/4x17-1/4 4-44-7-444	1358.4	
$ \begin{array}{cccccc} 1222.1/4x77.1/4 & 1422.1/4x77.1/4 & 122 \\ 2x17.1/4x2.1/4 & 122 \\ 2x17.1/4x7.1/4 & 122 \\ 2x17.1/4x77.1/4 & 122 \\ 2x17.1/4x77.1/4 & 122 \\ 2x17.1/4x77.1/4 & 122 \\ 2x2.1/4x77.1/4 & 122 \\ 2x2.1/2x7 \\ 2x2.1/4x77.1/4 & 122 \\ 2x2.1/2x7 \\ 2x$	ath	1x1+x/-1/4 1x11-1/4x12-1/4	194	-
$ \begin{array}{cccccc} z v t : 5 0 v t : 1 v v : 1 v : 1 v v : 1$	Q	1x23-1/4x17-1/4	401	=
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	laiting	2x11-5/8x17-1/4	401	÷
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$			5.50	
$ \begin{array}{c} 4.11.11, 14x, 1.14 \\ 2.223.14x, 17.14 \\ 1.x1.14x, 7.14 \\ 1.x1.14x, 17.14 \\ 1.x2.14x, 17.14x \\ 2.221, 144+17.14x \\ 2.221, 144+17 $	evideoi av bath	1x1/-1/4x/-1/4 2x11x17-1/4	380	=
$ \begin{array}{c ccccc} 2x23.1/4x17.1/4 & 104 \\ 1x23.1/4x17.1/4 & 1x23.1/4x17.1/4 & 104 \\ 1x23.1/4x17.1/4 & 1x23.3/6x11.1/4 & 1x23.3/6x11.1/4 & 1x23.3/6x11.1/4 & 1x23.3/6x11.1/4 & 1x23.3/6x11.1/4 & 1x23.3/6x11.1/4 + 17.1/4x7 & 104 \\ 1x21.1/1/417.1/4x7 & 104 & 200 \\ 1x2(11.1/417.1/4)x7 & 200 \\ 1x2(11.1/44.1/7.1/4)x7 & 200 \\ 1x2(11.1/44.1/4)x7 & 100 \\ 1x2(11.1/44.1/44.1/4)x7 & 100 \\ 1x2(11.1/44.1/44.1/4)x7 & 100 \\ 1x2(11.1/44.1/44.1/44.1/44.1/44.1/44.1/44.1$	tore	4x11-1/4x8-1/4	372	=
$ \begin{array}{c cccc} 1 & 1 \\ 1 & 1 \\ 1 & 2 \\ 2 & 3 \\ 2 & 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3$		2x23-1/4x17-1/4	802	=
Tx23-14x17-114 tx01 $1x72-30x11-114$ $1x72-30x11-114$ $1x72-30x11-114$ $1x72-30x11-114$ $1x72-30x11-114$ 322.91 $1x72-10x17-10x17$ 322.91 $1x2(14+17-114)x7$ 220 $1x2(14+17-114)x7$ 329 $1x2(14+17-114)x7$ 329 $1x2(14+17-114)x7$ 329 $1x2(14+17-114)x7$ 329 $1x2(14+17-114)x7$ 329 $1x2(17-114+7-114)x7$ 369 $1x2(17-114+7-114)x7$ 369 $1x2(17-114)x7$ $1x2(11-114)x7$ $1x2(11-114)x7$ $1x2(11-114)x7$ <td>tair</td> <td>1x11-1/4x17-1/4</td> <td>194</td> <td>=</td>	tair	1x11-1/4x17-1/4	194	=
Instruction Instruction Instruction Instruction g surface and painting with emulsion paint:-two coat complete. after scraping 82611 3647 g surface and painting with emulsion paint:-two coat complete. after scraping 82611 3647 g surface and painting with emulsion paint:-two coat complete. after scraping 82611 3647 i x2(14)-1/4x7 $1/4x7$ 329 22011 i x2(17)-1/4x7 3291 22214 3231 i x2(17)-1/4x7 3231 3231 3231 i x2(17)-1/4x7 $1/4x17$ $1/4x7$ 326 i x2(17)-1/4x7 $1/4x17$ $1/4x7$ 3231 i x2(17)-1/4x7 $1/4x17$ $1/4x7$ 3231 i x2(11-1/4+17)-1/4x7 $1/4x17$ $1/4x7$ 3231 i x2x(12)-3/8+11/7-1/4x7 $1/7x1/4x7$ $1/7x11/4x7$ $1/7x1/4x7$	orridor	1x23-1/4x17-1/4	<u></u>	
g surface and painting with emulsion paint:-two coat complete after scraping 220 (11-14+17-14)×T (220) (2				
$ \begin{array}{c} 6 \times 2(11-1/4+17-1/4) \times 7 \\ 1 \times 2(14+7-1/4) \times 7 \\ 2 \times 2(11-1/4+17-1/4) \times 7 \\ 2 \times 2(11-1/4) \times 7 \\ 2 \times 2 \times 2 \times 2 \\ 2 \times 2 \times 2 \times 2 \times 2 \\ 2 \times 2 \times$	reparing surface and painting with emulsion p			
$ \begin{array}{c} 122(1+1/1+1/1/4)77 & 208 \\ 122(21+1/1+1/1/4)77 & 547 \\ 222(11-5/8+17-1/4)77 & 547 \\ 222(11-5/8+17-1/4)77 & 545 \\ 122(17-1/4+7-1/4)77 & 545 \\ 122(11-1/4+17-1/4)77 & 546 \\ 1222(11-1/4+17-1/4)77 & 546 \\ 1222(11-1/4+17-1/4)77 & 546 \\ 1222(11-1/4)77 & 122(23-1/4+17-1/4)77 & 546 \\ 1222(11-1/4)77 & 122(23-1/4+17-1/4)77 & 546 \\ 1222(33-3/8+11-1/4)77 & 1270 \\ 1222(33-3/8+11-1/4)77 & 1270 \\ 1222(33-3/8+11-1/4)77 & 1270 \\ 1222(33-3/8+11-1/4)77 & 1270 \\ 1222(33-3/8+11-1/4)77 & 1270 \\ 1222(33-3/8+11-1/4)77 & 1270 \\ 1270(31-1/4)77 & 1270 \\ 1270(31-1/4)77 & 1270 \\ 1270(31-1/4)77 & 1270 \\ 1270(31-1/4)77 & 1270 \\ 1270(31-1/4)77 & 1270 \\ 1270(31-1/4)77 & 1270 \\ 1270(31-1/4)77 & 1270 \\ 1270(31-1/4)72 & 116 \\ 1270(31-1/4)72 & 116 \\ 1270(31-1/4)72 & 116 \\ 1280($		6x2(11-1/4+17-1/4)x7	399	Sft
$ \begin{array}{c} 122(17-14) \times 122(22-14) \times 124(22) \times 122(22) \times 12$		1x2(14+7-1/4)x7	298	• •
$ \begin{array}{c} 222(11-5/8+17-1/4)_{X7} & 809 \\ 122(10+5)_{X4} & 210 \\ 122(10+5)_{X4} & 210 \\ 122(10+1/4+7-1/4)_{X7} & 545 \\ 222(11+17-1/4)_{X7} & 545 \\ 1222(11+1/4+8-1/4)_{X7} & 1170.8 \\ 1222(11+1/4+8-1/4)_{X7} & 1170.8 \\ 1222(13-3/8+11-1/4)_{X7} & 1170.8 \\ 1222(1-3/8+11-1/4)_{X7} & 1170.8 \\ 1222(3-3/8+11-1/4)_{X7} & 1170.8 \\ 1222(3-3/8+11-1/4)_{X7} & 1228 \\ 1222(3-3/8+11-1/4)_{X7} & 1228 \\ 1222(3-3/8+11-1/4)_{X7} & 1228 \\ 1222(3-1/8+11-1/4)_{X7} & 123 \\ 1223 & 2231 \\ 123 \\ 12$		1x2(11-114+11-114)x1 1x2(23-1/4+17-1/4)x7	567 567	•
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		2x2(11-5/8+17-1/4)x7	608	•
$\sum_{x \ge 1/1-1/4} \sum_{x \ge 1/4+1/7-1/4} \sum_{x \ge 1/4+1/7-1/4} \sum_{x \ge 2/2} \sum_{x \ge 1/2/7} \sum_{x \ge$		1X2(1U+5)X4 1×2/17-1/4+7-1/a\v7	210	•••
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		2x2(11+17-1/4)x7	565	:
$\label{eq:relation} \begin{array}{c c c c c c c c c c c c c c c c c c c $		2x2(11-1/4+8-1/4)x7	546	-
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	lar	1X2X(11-114+17-1/4)X/ 4×2×253-1/4+17-1/4/X7	399	
Include	orridor	1x2x(23-1/47-1/-1/4)x7 1x2x(72-3/8+11-1/4)x7	700 1170 9	
m 22x3.5x3 Total 531 Thick solid flush door comprising of 2.5mm thick Commercial ply compressed over thick commercial ply over 1"thick packing woodin style and rails under proper it the cost of nails, tower bolt, handles, glue, sawing charges, painting charges, sand and 3/8"thick matching wooden lipping as approved and directed by the Engineer 5x3-1/2x7 231 and 3/8"thick matching wooden lipping as approved and directed by the Engineer if the cost of nails, tower bolt, handles, glue, sawing charges, painting charges, sand and laying 3/4"thick full width Pre polished Marble slab for Vanities /Shelves/ Window Cills, having Uniform texture (Spotless) with adhesive bond over 3/4"thick neutration for the cost of matching sealer complete in all respect as approved and acted and acted as approved and a state for Vanities /Shelves/ Window Cills, having Uniform texture (Spotless) with adhesive bond over 3/4"thick for the cost of matching sealer complete in all respect as approved and acted at a state for Vanities /Shelves/ Nindow Cills, having Uniform texture (Spotless) with adhesive bond over 3/4"thick for the cost of matching sealer complete in all respect as approved and acted at a state as approved at a state as		1x2x(31-3/8+11-1/4)x7	597	
Total 6539 "thick solid flush door comprising of 2.5mm thick Commercial ply compressed over thick packing woodin style and raits under propertic the cost of naits, tower both, handles, glue, sawing charges, Painting charges, sand and 3/8"thick matching wooden lipping as approved and directed by the Engineer 5x3-1/2x7 123 and 3/8"thick matching wooden lipping as approved and directed by the Engineer 5x3-1/2x7 123 and 3/8"thick matching wooden lipping as approved and directed by the Engineer 123 and alying 3/4"thick full width Pre polished Marble slab for Vanities /Shelves/ 123 Window Cills, having Uniform texture (Spotless) with adhesive bond over 3/4"thick ment sand mortor i/c the cost of matching seater complete in all respect as approved or and area approved or as a state or as approved or as a state or as a state or as a state or as a stat	eduction			1
"thick solid flush door comprising of 2.5mm thick commercial ply compressed over thick commercial ply over 1"thick packing woodin style and rails under proper it is the cost of nails, tower both, handles, glue, sawing charges, Painting charges, sand and 3/8"thick matching wooden lipping as approved and directed by the Engineer 5x3-1/2x7 5x3-1/2x7 1021 5x3-1/2x7 5x3-1/2x7 1021 3 and laying 3/4"thick full width Pre polished Marble slab for Vanities /Shelves/ Window Cills, having Uniform texture (Spotless) with adhesive bond over 3/4"thick nemt sand mortor i/c the cost of matching seater complete in all respect as approved opieer incharge 2x(11-5/8+17-1/4)x2 162 8x5x1 7x2(23-1/4+17-1/4)x2 162 8x5x1 7x2(33-1/4+17-1/4)x2 162 8x5x1 7x2(33-1/4+17-1/4)x2 162 8x5x1 7x2(33-1/4+17-1/4)x2 162 8x5x1 7x2(33-1/4+17-1/4)x2 162 8x5x1 7x1(3x2(33-1/4)x2 174 8x5x1 7x1(3x2(33-1/4)x2 162 8x5x1 7x1(3x2(33-1/				Sft
5x3-1/2x7 Total 123 and laying 34"thick full width Pre polished Marble stab for Vanities /Shelves/ Window Cills, having Uniform texture (Spotless) with adhesive bond over 3/4"thick nent samd mortor i/c the cost of matching seater complete in all respect as approved agineer Incharge 123 Area 2x(11-5/8+17-1/4)x2 116 Area 1x2(23-1/4+17-1/4)x2 162 0 8x5x1 40 3x20x1 1x2(23-1/4+17-1/4)x2 60 0 3x20x1 162 1 2x11/4+17-1/4)x2 60 1 2x20x1 162 1 2x20x1 718 1 2x11/1-1/4x1/8 47 1 1x55x6x1/8 47 1 1x55x6x1/8 47	VF1-1/2" thick solid flush door comprising of 2 .5mm thick commercial ply over 1"thick p. ressure i/c the cost of nails, tower bolt, handle apering and 3/8"thick matching wooden lippi ncharge.	2.5mm thick Commercial ply compressed over acking woodin style and rails under proper es.glue,sawing charges, Painting charges, sand ng as approved and directed by the Engineer		
and laying 3/4"thick full width Pre polished Marble slab for Vanities /Shelves/ Window Cills, having Uniform texture (Spotless) with adhesive bond over 3/4"thick nemt sand mortor i/c the cost of matching seater complete in all respect as approved approved Area 2x(11-5/8+17-1/4)x2 162 0 3x20x1 176 162 0 3x20x1 162 176 177 174/17-1/4/x2 162 175 176 176 177 178 174/17-1/4x1/8 175 176 176 176 176 176 177/14/18 178 171 174/177-1/4x1/8 175 176 176 177/14/18 178 178 178 178 179 171 171 1				Sf
Area 2x(11-5/8+17-1/4)x2 116 0 1x2(23-1/4+17-1/4)x2 162 162 8x5x1 40 3x20x1 3x20x1 162 3x20x1 2x11x17-1/4x1/8 40 176 2x11x17-1/4x1/8 47 1x5x6x1/8 1x10x6x1/8 47	roviding and laying 3/4"thick full width Pre reads/ Window Cills, having Uniform texture 1:2) coment sand mortor i/c the cost of match y the Engineer Incharge	Total polished Marble slab for Vanities /Shetves/ (Spotless) with adhesive bond over 3/4"thick ing seater complete in all respect as approved		5
1x2(23-1/4+17-1/4)x2 162 8x5x1 8x5x1 40 3x20x1 3x20x1 50 5x20x1 1x5x6x1/8 47 1x5x6x1/8 1x10x6x1/8 47	Vaiting Area	2x(11-5/8+17-1/4)x2	116	Sf
0 8x5x1 40 3x20x1 3x20x1 60 3x20x1 2x11x17-14x18 47 1x5x6x1/8 1x10x6x1/8 4		1x2(23-1/4+17-1/4)x2	162	£
3x20x1 <u>50</u> Total <u>378</u> C.C (1:2:4) 2x11x17-1/4x1/8 47 1x5x6x1/8 47 1x10x6x1/8 8	atir step	8x5x1	40	Sft
Total 378 2x11x17-1/4x1/8 1x5x6x1/8 1x10x6x1/8 8	nt step	3x20x1	8	Sft
2x11x17-1/4x1/8 47 1x5x6x1/8 4 1x10x6x1/8 8	/L of P.C.C (1:2:4)	Total		St
4 8		2x11x17-1/4x1/8	47	ち
		1x5x6x1/8 1x10x6x1/8	4 ∞	
1			£	=

AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-

S	SH	" Sft			:		:	=	5	5 C	_Sft	55	្រីភី	5	₽	40	5	2 g		£.	- 5		Rft		Rft	27 Sft
80 93 90 80 90 90 90 90 90 90 90 90 90 90 90 90 90	260	791	60 C	390 140	86	100	123	02	154	50	2186	158 42	200	1986	175 18	2	2	ی و		432 48	78 558		40		234	2
achesive bord, over 3.4" thick (1;2) cement sand paster vic the cost of sealer for miniming the joints lic cutting grinding complete in all respects and as approved and directed by the Engineer Incharge 12"x18"/12"x24"/10"x24" /8"x24"/12"x36 2x11x17-1/4 1x5x6 1x10x6 1x15x6	Total 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 Incharge12"x18"/12"x24"/10"x24" /8"x24"/12"x36	Bath 2x2(11+17-1/4)x7 Extra bath 3x2x4-1/2x7		2x2x5x7	1x2x7x7	1x2x(7-1/8)x7	1x2x8-3/4x7	1x(4+6)x7	1x2x(5+6)x7	1x10x5 1x15x5		D/d 9x2-1/2x7 2x3x7	Total	Net Total (2186-200)	P/F openable door comprising of 3mm thick UPVC hollow profile chowkat frame of 60mm x 64mm and leaf frame 60 mm x 106 mm both duly reinforced with G I box frame inside the void with 20 mm wide panel with grooves on both sides <i>i/c</i> the cost of hardwares hinges four bolt and cutting changes on approved & directed by the Engineer incharge. 2x5x2-1/2x7 1x2-1/2x7		10. Repair of aluminum windows <i>i/c</i> replacment of damige parts and tinted glass gas kit rubber etc complete in all respect as approved by Engineer Incharge.	Total	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"X1/8" i/c the cost of 1-1/4"X1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.3/8" Squar Bars	12x6x6 1x8x6	CW 13x2x2 Total	Providing and fixing 2"X2" Stainless Steel 14 SWG Corner Guard angle with bevelled corner 17 and 0.8 mm bend at edges duly pasted with premium grade self-adhesive glue strips with excellent hold/(double sided Tape) as approved and directed by the Engineer Incharge	8x5	Providing and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 18 mm thick hard aluminum channel fixed on wall bracket and screws c/c the cost of albows at ends, buffer belt as approved and directed by the Engineer Incharge	2x117 20 Providing and fixing almirah shutter comprising of 34"thick both side Laminated /Glossy MDF (Karachi) sheet with 1"x34"deodar wood golla all around the leaffixedon (3"x1") Kail wood frame i/c the cost of 1/2" full brasshinges ,C.P. handles ,catchers ,screws, and rawal plugs,polishing / painting 3coat to gola & frame i/c the cost of locking arrang ement complete in all respect as approved and directed tw Enviroser Incharace	4x12x2-1/4

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(Executive Engineer) Buildings Division Narowal ₽ £ ž ŝ Ŷ Rf ŝ Ŷ ۶ ŝ R 臣 30 800 6 9 12 14 ŝ ŝ თ 4 ~ ŝ Providing and fitting one piece Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP/ rubber connection, fihimble, normal seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge. Providing and fixing Bathroom Accessories (7-piece set) Master brand - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.I) Plastic soap dish ii) Plastic toilet paper holder iii) Plastic tower rail iv) Plastic shelf 60x13 cm (24.x5") with bracket and railing v) Plastic Brush holder vi) Looking glass with plastic frame vii) Towel ring Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.Under Counter Vanity Basin Providing, laying, testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurenting PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent ,specials ,making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned), b) PN-20 pipe i)(3/4") 25 mm Providing,laying,testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent ,specials ,making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe ii)(1") 32 mm Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest.) coloured Providing, fixing, testing and commissioning of Lr-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge. 4" Dia. (Sub Divisional Officer) Buildings Sub Division Narowal Providing and fitting "P" trap:-i) 10 cm (4") glazed. Providing and fixing chromium plated tee Stop cock: Providing and fixing chromium plated bib cock: Providing and fixing CP Double Bib Cock **Cride of old Meterial** door Sub Engineer ÷ 6 ശ e 4 ĥ \sim œ T ~ 3

AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660

Floor)
(First
Block
Admin
5
Revamping

ſ						-
\$.#	Description	Lunended	Rough	Amended Rough Cost Estimate 2nd Bi 2022	2nd Bi 2022	_
		Qty	Unit	Rate	Amount	
1	Downside of Acces	en 1	4	5 100	9	
- •	relitioning of ador Disconstitute of D C 13.4	4 7		4-38.UU	7510	
3 6	Distembering one coat to old surface.	5519	15 %	561.30	30978	
4	Preparing surface Emusion paint two coat to surface.	8934	% Sft	2796.55	249844	
5	1-1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1"thick packing woodin style and raits under proper pressure to the cost of nails, tower bolt, handles glue sawing charges, Painting charges, sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge.	25	P Sft	502.20	12304	
9	P/L p cc 1:2.4 i/c surface finishing complete.	57	% Cft	38178.9	21762	
2	Providing and laying superb quality Ceramic tile floors of Master brand of specified size,GlossyMatt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1,2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge 12"x18"/12"x24"/10"x24" /8"x24"/10"x24"	450	P Sft	240.00	108000	
8	Providing and laying superb quality Ceramic tiles dado of Master brand of specified size. ClossyMattTexture skirting/dado of approved Color and Shade with adheve bond over 1/2*tick (1:2) cement plaster for the cost of sealer for finishing the joints lic cutting grinding, complete in all respects as approved and directed by the Engineer Inchange12*x18*/12*x24*/10*x24*/19*x26	1983	P Sft	292.75	580377	
6	Repair of aluminum windows its replacment of damige parts and tinted glass gas kit rubber etc complete in all respect as approved by Engineer Incharge.	10	P Sft	7000.00	70000	
9	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" t/8" tic the cost of 1- 1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge 3/8" Squar Bars	558	PSt	854.35	476727	
7	<i>P/F</i> openable door comprising of 3mm thick UPVC hollow profile chowkat frame of 60mm x 64mm and leaf frame 60 mm x 106 mm both duly reinforced with G I box frame inside the void with 20 mm wide panel with grooves on both sides <i>i/c</i> the cost of hardwares hinges four bolt and cutting changes on approved & directed by the Engineer incharge.	228	PSft	1950.00	443625	
12	Providing and fixing 2"X2" Stainless Steel 14 SWG Corner Guard angle with 0.8 mm bend at edges duly pasted with premium grade self-adhesive gue hold/(double sided Tape) as approved and directed by the Engineer incharge	40	P Rit	1260.00	50400	
13	Providing and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 mm thick hard aluminum channel fixed on wall bracket and screws c/c the cost of albows at ends.buffer belt as approved and directed by the Engineer Incharge	306	P Rtt	650.00	198900	
4		16	PSt	431	6901.6	
15		4	Each	19987.90	79951.6	1
16	Providing and fixing Bathroom Accessories (7-piece set) Master brand - One Cosmetic Sheft, One Towel rod with bracket, One soap dish, One double hook. One towel ring, brush holder, toilet paper holder & looking glass lic the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.) Plastic soap dish ij) Plastic toilet paper holder iii) Plastic tower rual iv) Plastic sheft 60x13 cm (24.50 ⁺) with bracket and railing v) Plastic busie roking glass with plastic frame vii) Towet ring	പ	Each	7600.00	38000	
17		8	Each	7330.00	58640	
18	Providing,laying,testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent ,specials , making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/ External Diameters mentioned), b) PN-20 pipe inj(3/4') 25 mm	150	Р. К	66.50	9975	
19	Providing, laying, testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalen) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent ;specials , making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned) b) PN-20 pipe ii)(1') 32 mm	200	P RA	106.90	21380	ŋ

$MathDescriptionQivUnitRateAnomin120202345621Providing and fixing, the dired bib cock:212Each715.00930021Providing, testing and commissioning of \mu-PVC (Unplasticized Polyviny Choride) Nikesti15Each955.001432522Providing, testing and commissioning of \mu-PVC (Unplasticized Polyviny Choride) Nikesti15PRM950.001432522Providing and fixing, testing and commissioning of \mu-PVC (Unplasticized Polyviny Choride) Nikesti50P Rft260.601303023Froviding and fixing and fixing are equivalent, plain / scocket ended conforming to code50P Rft260.601303023Froviding and fixing PC bash Room Set made of Sonev/ Falsal comprising of 3-NoTee stop cocks50P Rft260.601303024Providing and fixing PC bash Room Set made of Sonev/ Falsal comprising of 3-NoTee stop cocks56P Rft260.601303025Providing and fixing PC bash Noser (set) 10 Lever772614472.007236026Providing and fixing PC bash Noser (set) 10 Lever772614772.00236027Providing and fixing PC bash Noser (set) 10 Lever772614772.002628Providing and fixing PC bash Noser (set) 10 Lever772614772.00283.4529Providing and fixing PC bash Noser (set) 10 Lever772614752.00$			Amendec	Rough	Amended Rough Cost Estimate 2nd Bi 2022	2nd Bi 2022
2 2 4 5 Froviding and fixing chromium plated bib cock: 12 Each 175.00 Froviding and fixing chromium plated bib cock: 12 Each 955.00 Froviding, fixing, testing and commissioning of µ-PVC (Unplasitizzed Polyviny Chloride) Nikasi/ waste pipe make of Dadex. Popular/Beta or equivalent, plain /socket ended conforming to code 12 Each 955.00 Froviding and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3-NoTee stop cocks 50 P Rrth 260.60 Providing and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3-NoTee stop cocks 50 P Rrth 260.60 Providing and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3-NoTee stop cocks 50 P Rrth 260.60 Providing and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3-NoTee stop cocks 50 P Rrth 260.60 Providing and fitting glazed earthen ware water coupling with shower, waste coupling and bottle trap 5 Each 2458.35 Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with 6 Each 2458.35 Providing and fitting TP* trap:-1) 10 cm (4") glazed. 10 Each 2458.35 1477.00 Providing and fitting P* trap:-1) 10 cm (4")		rescubrou	Qty	Unit	Rate	Arnount
Providing and fixing chromium plated bib cock:12Each175.00Froviding and fixing chromium plated tee Stop cock:15Each855.00Providing, fixing, testing and commissioning of u-PVC (Unplaticized Polyvinyl Chloride) Nikasi'15Each855.00Providing, fixing, testing and commissioning of u-PVC (Unplaticized Polyvinyl Chloride) Nikasi'50PCRwaste pipe make of Dadex Propuratient, plan / societ ended conforming to code50P Rth260.60af Dia.EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents50P Rth260.60af Dia.Froviding and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3-NoTee stop cocksP Rth260.60260.60af Dia.Froviding and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3-NoTee stop cocksP Rth260.60260.60af Dia.Froviding and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3-NoTee stop cocksP Rth260.60260.60af Dia.Froviding and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3-NoTee stop cocksP Rth260.60260.60af Dia.Froviding and fitting P Providing and fitting faitaP Rth260.60260.60245.83Providing and fitting P Providing and fitting P P Providing and fit	-	2	3	4	5	9
Providing and fixing chromium plated tee Stop cock: 15 Each 955.00 Providing, fixing, testing and commissioning of p-VC (Unplasticized Polyviny) Chloride) Nikasi/ waste pipe make of Dadex Propular/Bata or equivalent, plain /socket ended conforming to code 15 15 260.60 Rever type make of Dadex Propular/Bata or equivalent, plain /socket ended conforming to code 50 P Rth 260.60 Rever type make of Dadex Propular/Bata or equivalent, plain /socket ended conforming to code 50 P Rth 260.60 Rever type make of Dadex Propular/Bata or equivalent, plain /socket ended conforming to code 50 P Rth 260.60 Rever type make of Dadex Propular/Bata or equivalent, plain /socket ended conforming to code 50 P Rth 260.60 Providing and fixing CP bath Room Set made of Sonex / Faisal comprising of 3-NoTee stop cocks 51 P Rth 260.60 Rever type Basin Nixer ii) Double Bib Cock. Nussim shower mortange) Open Type Wall 5 Each 2458.35 Flower type Basin Nixer ii) Double Bib Cock. Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with 6 Each 2458.35 Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with 6 Each 2458.35 P	20	Providing and fixing chromium plated bib cock:	12	Each	775.00	0066
Providing, fixing, testing and commissioning of LPVC (Unplasitioized Polyviny) Chloride) Nikasi/ Next P Rth 260.60 example of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents 50 P Rth 260.60 avent type Basin Mixer double Bib Cock, Muslim shower, waste comptising of 3-NoTee stop cocks P Each 14472.00 Providing and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3-NoTee stop cocks Each 14472.00 Rever type Basin Mixer double Bib Cock, Muslim shower, waste coupling and bottle trap 5 Each 14472.00 Rhower v) Muslim shower vi) Waste Coupling vii) Bottle Trap i) 3 No Tee Stop Cock (sel) ii) Lever 10 Each 2458.35 Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with 6 Each 2458.35 Providing and fitting Paretorian 10 10 14 14472.00 Rotinest) oblueed Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with 6 Each 2458.35 Providing and fitting Paretorian 10 Each 14472.00 14472.00 Providing and fitting Paretorian 10 Each 245	3	Providing and fixing chromium plated tee Stop cock:	15	Each	955.00	14325
contex Faisal comprising of 3-NoTee stop cocks still shower, waste coupling and bottle trap ed by the Engineer incharge. iv) Open Type Wall 5 Each 14472.00 Bottle Trap i) 3 No Tee Stop Cock (set) ii) Lever 5 Each 2458.35 Bottle Trap 10 Each 2458.35 Set, squatter type (Orisa pattern), combined with set, squatter type (Orisa pattern) 10 Each 283.15 Induction 10 Each 283.15 point point Induction 10 Each 283.15 point point Induction 10 Each 283.15 point point point Induction 14 Each 283.15 point point point point	22	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex /Popular/Bela or equivalent, plain /socket ended conforming to code 2 EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge. 4" Dia.	20 20	P Rft	260.60	13030
set, squatter type (Orisa pattern), combined with 6 Each 2458.35 10 Each 283.15 10 Each 283.15 11 Total:- 10 Each 283.15 11 Total:- 11 Each 283.15 11 Total:- 11 Tota	23		5	Each	14472.00	72360
10 Each 283.15 Meterial 7 7 Meterial 14 Each N 14 Each	24		9	Each	2458.35	14750.1
Total:- Total:- 14 Each 800.00 14 Each 800.00	25	5 Providing and fitting "P" trap:-i) 10 cm (4") glazed.	10	Each	283.15	2832
14 Each 800.00 1 Each source					Total:-	2584362
14 Each 800.00 Total:		Cride of old Meterial				
	÷	1 door	14	Each	800.00	11200
2573162					Total:-	11200
						2573162

Sub Engineer

(Executive Engineer) Buildings Division Narowal

AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO ,660 FOR THE YEAR 2022-2323 Revamping of Admin Block (First Floor)

	territion. $2r1Xr1/r1(4K)$ for $r1/r1(4K)$ for $r1/r1(4K)$ for $r1/r1(2K)$ fo		Removing of door		14	Ŷ	
TXXX1771 TCotat: 57 $TX11-1T2X77-1/4$ $T20$ $TX11-1T2X77-1/4$ $T20$ $TXX17-17$ $TX11-1T2X77-1/4$ $T20$ $T20$ $TXX17-17-14$ $TX11-1T2X7-14$ $T20$ $T20$ $TX11-1T2X7-14$ $T20$ $T20$ $T20$ $T20$ $TX11-1T2X7-14$ $T21-14X77-14$ $T20$ $T20$ $T20$ $TX11-1T2X7-14$ $T11-14X77-14$ $T20$ $T20$ $T20$ $TX11-1T2X7$ $T11-14X77-14$ $T20$ $T20$ $T20$ $TX11-1T2X7$ $T20$ $T21-14X77-14$ $T20$ $T20$ $TX11-1T2X7$ $T20$ $T20$ $T20$ $T20$ $TX11-1T2X7$ $T11-12X17$ $T11-12X17$ $T20$ $T20$ $TX11-1T2X7$ $T20$ $T20$ $T20$ $T20$ $TX11-1T2X17$ $T20$ $T20$ $T20$ $T20$ $TX2011-11-112X177$ $T20$ $T20$ $T20$ $T20$ $TX2011-11-12X10/37$ $T20$ T	Totals Totals Totals 5 $\gamma_{XYY1+7}(\gamma_1)$ Totals 5 $\gamma_{XYY1+7}(\gamma_1)$ $\gamma_{XYY1-7}(\gamma_1)$ 5 $\gamma_{XYY1-7}(\gamma_1)$ $\gamma_{XYY1-7}(\gamma_1)$ 5	sment		c11x17-1/4x1/8 	48	ŧ,	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	1x11-1/2x17-14 198 2x12x17-14 52 1x2x17-14 52 2x13x7-14 53 2x13x7-14 54 2x13x7-14 54 2x13x7-14 54 2x13x7-14 54 2x13x7-14 54 2x13x7-14 54 2x14+17-14 54 2x14+17-14 54 2x14+17-14 54 <td></td> <td></td> <td>-</td> <td>в 21 в</td> <td>5</td> <td></td>			-	в 21 в	5	
Record $1237/57/16$ 523 medi Branch $12337/71/14$ 523 medi Branch $12337/71/14$ 523 medi Branch $12337/71/14$ 523 dget Account $2211477/14$ 523 medi Branch $2211477/14$ 523 medi Branch $2211477/14$ 523 medi $111/16877/14$ 523 Rom $111/16877/14$ 523 Rom $111/16877/14$ 523 Pier CD Room $111/16877/14$ 523 Pier CD Room $111/16877/14$ 723 Pier CD Room $111/16877/14$ 723 Pier CD Room $111/16877/14$ 723 Ustation and the mulsion paint-wo cost complete after scraphing 113 Ustation and the mulsion paint-wo cost complete after scraphing 113 Ustation and the mulsion paint-1/16877 123 Ustation and the mulsion paint-1/17/1497 123 Ustation and the mulsion paint-1/17/1497 123 Ustation and the mulsion paint-1/17/1497 123	a Rom $22231/37/14$ $223231/37/14$ $22321/37/14$ $22321/37/14$ $22321/37/14/14$ $22321/37/14/14/14/14/14/14/14/14/14/14/14/14/14/$	Stemp		4) 1-2 LXC/1-1 (4	198	₽.	
2755 2755 70 852 met Branch $12377-14$ 852 $8757-14$ 852 met Branch $21377-14$ 852 $8757-14$ 896 det Account $271377-14$ 806 $821377-14$ 896 count Branch $271377-14$ 806 $82137-14$ 806 count Branch $1271-14377-14$ 806 $82137-14$ 806 count Branch $1271-14377-14$ 806 $1271-14377-14$ 126 Room $1271-12270$ $1271-12270$ 126 $1271-12270$ 126 Vera $1271-12270$ $1271-12270$ 126 126 126 Vera $1271-12770$ $12727-114377$ 126 126 126 Uperimendent $1271-12770$ 126 126 126 126 Total $1271-12770$ 126 $12727-114377$ 126 126 Total $127271-124377$ 126 126 126 126	e Rom 2275 <	Kitchen		K7X11-7/8	83	5.	
e Room $132\lambda 77 - 14$ 522 ment Branch $2x13\lambda 77 - 14$ 522 ment Branch $2x13\lambda 77 - 14$ 522 count Branch $2x13\lambda 77 - 14$ 522 Rom $1x11 - 12x10$ $1x1$ Rom $1x11 - 12x10$ $1x1$ Per CO Room $1x11 - 12x10$ $1x1$ Parace and painting with amulsion paint-two coat $1x11 - 12x10$ $1x1$ Parace $1x11 - 12x10$ $1x2$ Parace $1x12x - 12x10$ $1x2$ Parace $1x22x1 - 12x10$ $1x2$	e Room 1323/77.14 352 ment Branch 2313/77.14 369 Get Account 2317.144 369 Get Account 2317.144 360 Count Branch 2317.144 360 Control Branch 2317.144 360 Control Branch 2317.144 360 Control Branch 2317.144 361 Control Branch 2317.144 361 Control Branch 2317.145 463 Control Branch 2327.145 463 Lanch 2227.145 261 Lon Branch 2227.1714 463 Lot	Bath	~	c7x5	20	•	
ment Branch $\chi(3)_{-1}/4\chi(7^{-1}/4)$ $\chi(3)_{-1}/4\chi(7^{-1$	metric Branch Tits:1/437-1/43 S2 S2 Tits:1/437-1/43 S2 S2 Tits:1/437-1/43 S2 S	ommitt		c32x17-1/ 4	552	=	
Zeritation Zeritation Zeritation Zeritation Second Branch Zeritation Second Branch	Recut $2213x7743$ 363 Get Account $2213x7743$ 363 count Branch $2213x7743$ 363 count Branch $2213x7743$ 323 count Branch $2213x7743$ 323 count Branch $2213x7743$ 323 count Branch $2213x7744$ 324 Per CO Room $11112x00$ 314 upfit CO Room $111112x01$ 423 upfit CO Room $111112x01$ 423 upfit Co Room $111112x01$ 423 upfit Co Room $1211112x01$ 423 upfit Co Room $1211112x01$ 423 upfit Co Room $1211112x01$ 423 upfit Co Room 1223247171437 423 upfit Co Room 1223241417744307 423 upfit Co Room 1223241417744307 423 upfit Co Room 12232414177443774307 423 upfit Co Room 1223241417744307 423 upfit Co Room 1223241417744307	stablish		x19-1/4x17-1/4	332		
def Account $2x11-14x77-14$ 380 def Account $2x11-14x77-14$ 380 cosunt Branch $2x11-14x77-14$ 380 cosunt Branch $1x11-14x77-14$ 380 cosunt Branch $1x11-14x77-14$ 380 Room $1x11-14x77-14$ 301 Pier CO Room $1x11-12x7$ 311 Pier CO Room $1x11-12x7$ 311 Vera $1x12-12x7$ 311 Pier CO Room $1x11-12x7$ 311 Vera $1x12-14x7$ 311 Vera $1x22-14x7$ 311 Vera $1x2x(1+1/2x+1/2)x7$ 311 Uperintrendent $1x2x(1+1/2x+1/2)x7$ 403 Uperintrendent $1x2x(1+1/2x+1/2)x7$ 403 Uperintrendent $1x2x(1+1/2x+1/2)x7$ 301 Recom $1x2x(1+1/2x+1/2)x7$ 201 Recom $1x2x(1+1/2x+1/2)x7$ 403 Recom $1x2x(1+1/2x+1/2)x7$ 403 Recom $1x2x(1+1/2x+1/2)x7$ 404 Recom </td <td>Qef Account $223:1/377.1/4$ 326 count Branch $223:1/377.1/4$ 326 cean $11:1/437.7.14$ 326 Room $11:1/437.7.14$ 325 Room $11:1/437.7.14$ 325 Parc CD Room $11:1/437.7.14$ 321 Pher CD Room $11:1/127.1.14$ 123 Parc CD Room $11:1/127.1.14$ 123 Uper ID Room $123:1/1.1/4$ $123:1/1.1/4$ Parc CD Room $123:1/1.1/4.1.1/13/17$ $123:1/1.1/4.1.1/13/17$ Parc DI Room $122:1/1.1/4.1.1/13/17$ $123:1/1.1/4.1.1/13/17$ Parc DI Room $122:1/1.1/4.1.1/13/17$ $226:1/1.1/4.1.1/13/17$ Parc DR Room $122:1/1.1/4.1.7/13/17$ $226:1/1.1/4.1.7/13/17$ Pront Barroh $122:1/1.1.1/4.1.7/13/17$ $226:1/1.1.1/4.1.7/13/17$ Pront Barroh $122:1/1.1.1/4.1.7/13/17$ $226:1/1.1.1/4.1.7/13/17$ Pront Barroh $122:1/1.1.1/4.1.7/13/17$ $226:1/1.1.1/4.1.7/13/17$ Pront Barroh $122:1/1.1.1.1.7/13/17$ $226:1/1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1$</td> <td>Lobby</td> <td></td> <td><pre><i3x7-1 4<="" pre=""></i3x7-1></pre></td> <td>189</td> <td></td> <td></td>	Qef Account $223:1/377.1/4$ 326 count Branch $223:1/377.1/4$ 326 cean $11:1/437.7.14$ 326 Room $11:1/437.7.14$ 325 Room $11:1/437.7.14$ 325 Parc CD Room $11:1/437.7.14$ 321 Pher CD Room $11:1/127.1.14$ 123 Parc CD Room $11:1/127.1.14$ 123 Uper ID Room $123:1/1.1/4$ $123:1/1.1/4$ Parc CD Room $123:1/1.1/4.1.1/13/17$ $123:1/1.1/4.1.1/13/17$ Parc DI Room $122:1/1.1/4.1.1/13/17$ $123:1/1.1/4.1.1/13/17$ Parc DI Room $122:1/1.1/4.1.1/13/17$ $226:1/1.1/4.1.1/13/17$ Parc DR Room $122:1/1.1/4.1.7/13/17$ $226:1/1.1/4.1.7/13/17$ Pront Barroh $122:1/1.1.1/4.1.7/13/17$ $226:1/1.1.1/4.1.7/13/17$ Pront Barroh $122:1/1.1.1/4.1.7/13/17$ $226:1/1.1.1/4.1.7/13/17$ Pront Barroh $122:1/1.1.1/4.1.7/13/17$ $226:1/1.1.1/4.1.7/13/17$ Pront Barroh $122:1/1.1.1.1.7/13/17$ $226:1/1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1$	Lobby		<pre><i3x7-1 4<="" pre=""></i3x7-1></pre>	189		
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111 $111-1/2x$ $111-1/2x$ 111 $1x11-1/2x$ $1x1-1/2x$ 112 $1x11-1/2x$ 112 112 $1x11-1/2x$ 112 112 $1x127x11-1/4$ 125 1429 $1x2x(11-1/2x17-1/4)x7$ 264 $222x(7-5)x6$ $1x2x(11-1/2+17-1/4)x7$ 264 $222x(7-5)x6$ $1x2x(11-1/4+17-1/4)x7$ 266 $222x(1-5)x6$ $2x2x(12-1/4)x7$ 284 $222x(1-1/4+17-1/4)x7$ $2x2x(11-1/4+17-1/4)x7$ 284 226 $1x2x(11-1/4+17-1/4)x7$ 284 226 $2x2x(127+11-1/4)x7$ 284 226 $1x2x(11-1/2+10)x7$ 256 1234 $1x2x(11-1/2+10)x7$ 256 122 $1x2x(11-1/2+10)x7$ 256 122 $1x2x(11-1/2+10)x7$ 256 122 $1x2x(11-1/2+10)x7$ 1234 226 $1x2x(11-1/2+10)x7$ 1224 1234 $1x2x(11-1/2+10)x7$ 1226 1234 $1x2x(11-1/2+10)x7$ 1226 1234 $1x2x(11-1/2+1/2)x7$ <	Non-structure Structure Structure<	afraínn		X - 4X / - /4 V1 - E(0\17-1/4	42 60	=	
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798 1134 309 309 301 259 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1937 1936 1936 1936 1936 1936 1936 1936 1937 1936 1937 1936 1937 1936 1936 1936 1936 1937 1937 1937 1937 1937 1937 1937 1936 1936 1937 1937 1937 1937 1937 1937 1937 1937 1937 1937 1937 1937 1937 1937 1937 1937 1937 1937 1937 1937 1937 1936 1936 1936 1936 1936 1936 1937 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1937 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 1937 1936 1936 1936 1936 1936 1936 1937 1936 1937 1937 1937 1936 1936 1936 1936 1936 1936 1936 1936 1936 1936 19 19 19 19 19 19 19 19	798 798 1134 1134 1134 1134 1134 1134 1134 113	av bath		x2x(11+17-1/4)x5	565	x	
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399 301 404 404 404 301 255 25 25 25 57 9 9	399 309 309 301 301 255 30 255 30 30 255 30 30 255 30 30 30 255 30 30 30 30 30 30 30 30 30 30 30 30 30	tore &		x2x(23-1/4+17-1/4)x7	1134		
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404 494 2301 2301 1936 8934 47 25 25 25 25 37 9 9	404 494 301 255 1936 488 488 488 488 488 386 77 79 70 70 70 893 480 893 480 893 480 893 480 893 480 893 480 893 440 893 44 803 803 803 803 803 803 803 803 803 803		-	x2x(11-1/4+17-1/4)x7	399		
494 201 2301 235 47 47 8934 48 9 9 9 9	494 201 255 1936 447 1936 57 25 25 25 25 25 25 25 25 25 25 25 25 25	etraing		x2x(11-5/8+17-1/4)x7	404		
301 259 1936 8934 8934 89 8 9 9 9	301 301 1936 1936 1938 147 147 189 380 57 79 140 140 140 98 89 396	M S Office		x2x(18+17-1/4)x7	494		
259 1936 147 8934 8934 89 8 9 9 9	255 1936 147 1936 25 25 25 25 25 25 25 25 25 36 25 36 25 36 25 36 25 25 25 25 25 25 25 25 25 25 25 25 25	tenogr		x2x(11-1/2+10)x7	301		
-147 -147 -147 -147 -147 -147 -193 -147 -193 -147 -193 -147 -193 -147 -193 -147 -147 -147 -147 -147 -147 -147 -147	1936 147 147 147 147 15 140 140 140 140	Vaiting		x2x(11-1/2+7)x7	259		
	-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			XZX(1Z/+11-1/4)X/	1936	1	
21 a 88 22 2	25 25 25 25 25 25 25 25 25 25 25 25 25 2	Deductions			-147 8934		
51 ° 6 8 55	25 25 25 25 25 25 25 25 25 25 25 25 25 2	2 T X L	0				
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51 ⁹ 88 25	25 48 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 57 5 5 5 5 5 5 5 5		1	x3-1/2x7	25	Б	
51 o 48	48 9 380 70 791 791 791 791 791 796 98 98	/L of P	.C.C (1:2:4)	Total	25	Sf	
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» [5	57 57 79 70 70 70 70 70 70 70 70 86 89 80			X11X17-1/4X1/0 X7X5X1/8	ę d	5.	
5	386 79 140 98				» C	ŧ	
	380 70 450 189 189 140 98 98	Providing size,Gloss 3/4" thick	g and laying superb quality Ceramic tile floo ssy/Mat/Texture of approved Color and Shade as per ap & (1:2) cement sand plaster i/c the cost of sealer for	rs of Master brand of specified proved design with adhesive bond, over finishing the joints //c cutting grinding	5	5	
	79 79 79 55			x11x17-1/4	380	۲, ts	
380	791 791 98 98 98		2		6 65	. #S	
380 70 Total 450	791 189 396 98 98	rovidir ize,Glc 1:2) ce spect	ig and laying superb quality Ceramic tiles da sssy/Matt/Texture skirting/dado of approved Color and S ament plaster i/c the cost of sealer for finishing the jo s as approved and directed by the Engineer Incharge12*	do of Master brand of specified hade with adhesive bond over 1/2"thick ints i/c cuting grinding complete in all 18"/12"X24"/10"X24" /8"X24"/12"X36		i	
380 70 450	3x2x4-1/2x7 18 1x2x(11+17-1/4)x7 396 2x2x5x7 140 1x2x7x7 98 1x2x77181x7 38		Bath 2	x2(11+17-1/4)x7	791	ß	
380 70 791	396 140 98			x2x4-1/2x7	189	=	
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380 70 791 791 791 791 396	86 XX(8)1		2	x2x5x7	140	2	
380 70 791 189 396 396	1/8)x7		~	X2X7X7	ä	Ŧ	
380 70 791 791 791 791 791 791 790 896			····	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	8		
2x11x17-114 380 2x7x5 Total 2x7x5 Total 2x7x5 Total 2x7x5 Total 2x7x5 Total 2x7x5 Total 450 Total 10 of approved Color and Shade with adhresive bond over 1/2*thick 591 10 of approved Color and Shade with adhresive bond over 1/2*thick 791 11 y the Engineer Inchange12*18*1/10*x24* /0*x24* /0*x24* /12*x36 791 12 x2x11+17-1/4)x7 396 13 x2x4-1/2x7 396 140 140 140 142 142 142 142 142							

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Did Tool: 3407 Tool: 300 5205(7%)7 1510 5205(7%)7 1510 5205(7%)7 1510 2202-1027 1510 2202-1027 1511 1511 1511 1511 1511 2202-1027 1511 1511 1511 1511 1511 2202-1027 1511 202-1027 1511 202-1027 1511 202-1027 1511 202-1027 1511 202-1027 1511 202-1027 1511 202-1027 1511 202-1027 1511 202-1027 1511 203-1027 1511 203-1027 1511 203-1027 1511 203-1027 1511 203-1027 1511 203-1027 1511 203-1027 1511 203-1027 1511 203-1027 1511 203-1027 1511 203-1027 15	<u>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ </u>	ര		
1 1226-1627 1 Perpeti of aluminum windows ic reglatement of damige parts and tinted glass gas kti 222-1627 2 Perpeti of aluminum windows ic reglatement of damige parts and tinted glass gas kti 232-1627 2 Perpeti of aluminum windows ic reglatement of damige parts and tinted glass gas kti 232-1627 2 Perpeti of aluminum windows ic reglatement of damige parts and tinted glass gas kti 232-1627 2 Perpeti of aluminum windows and partiting 3 cost complete in MR Square policient vicipation windows and partiting 3 cost complete in MR sequences a sporowof glass gas kti 232-1627 Perpeti of aluminum windows and partiting 3 cost complete in MR sequences in gas wti backet from windows and partiting 3 cost complete in MR sequences for the second of the MR sequences in gas second sec				
	15266 3447 1546 557 1506 3467 15165 2527(15)57 15165 2527(15)57 15165 2527(15)57 15165 1517 1517	cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.) Plastic soap dish b) Plastic bielt paper holder iii) Plastic tower rail tu) Plastic shelf 60x13 cm (24x50°) with bracket and railing v) Plastic 3rush holder vi) Looking glass with plastic frame vii) Towel ring Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22*x16°) including bracket set, waste shouding and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22*x16°) including bracket set, waste providing, levering, exc.Under Counter Vanity Basin Providing, levering and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply	pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming o DN8077-8078 code <i>lo</i> cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned),b) PN-20 pipe ii)(3/4') 25 mm "Providing,Jaying,Lesting and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specials, making Jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned),b) PN-20 pipe ii)(1") 32 mm "Providing and fixing chromium plated bib cock: "Providing and fixing chromium plated tee Stop cock: "Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi' waste pipe make of "Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi' waste pipe make of	The Reputing, includes a merocommessioning or per voryouseveer royouny convince rymaas mease prominane or Dates (Populating, result) and vockete ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by he Engineer Incharge.

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AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23

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Revamping of OPD Ground Floor	
-	

Rs.5621640/-

Rs.5465772/-

2 Revamping of OPD First Floor

Total Rs.11087411/-

Sub Divisional Officer Buildings Sub Division Narowal

Sub Engineer

Executive Engineer Buildings Division Narowal

S.# I Removi 2 Removi 3 Dismen 4 Distemp 6 P/L p or	Revamping of OPD Ground Floor				
	Decominition	A mender			
			d Rough	Amended Rough Cost Estimate 2nd Bi 2022	2nd Bi 2022
		Qty	Unit	Rate	Amount
	2	m	4	5	6
	Removing of door	28	Each	438.00	12264
	Removing of windows	e	Each	341.50	1024.5
	Dismentling of P.C.C 1:2:4	151	% Cft	11174.6	16874
	Distempering one coat to old surface.	6623	% Sft	561.30	37175
	Preparing surface Emusion paint two coat to old surface after scraping	13892	% Sft	2796.55	388497
Providir	P/L p cc 1:2:4 i/c surface finishing complete.	151	% Cft	38178.9	57650
7 approved i/c the co respects 12"x18"/1	Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy/Matt/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects and as approved and directed by the Engineer Incharge 12"x18"/12"x24"/10"x24" /8"x24"/12"x36	1148	P Sft	240.00	275520
Providir specifie with adl finishing directec	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 Incharge12"x18"/12"x24"/10"x24" /8"x24"/12"x36	4399	P Stf	292.75	1287807
Providir 9 adhesiv directec	Providing and fixing 2"X2" Stainless Steel 14 SWG Corner Guard angle with bevelled corner and 0.8 mm bend at edges duly pasted with premium grade self adhesive glue strips with excellent hold/(double sided Tape) as approved and directed by the Engineer Incharge	100	P Rft	1260.00	126000
Provdin hoist ov screws by the E	Provding and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 mm thick hard atuminum channel fixed on wall bracket and screws c/c the cost of albows at ends,buffer belt as approved and directed by the Engineer Incharge	326	P Rft	650.00	211900
11 Repair gasket	Repair of aluminium windows i/c replacment of damaged parts with rubber gasket etc complete in all respect as approved by the Engineer incharge.	9	Each	7000	42000
P/F All type c & partly slidir firm having 12 45mmx25mn with rubber g brushes for d by the Engine	P/F All type of glazed aluminium window of anodized bronoze colour partly fixed & partly sliding using deluxe section of Pakistan cables or equpment approved firm having frame of size 100mmx30mm and leaf frame section size 45mmx25mm / 45mmx35mm all of 1.6mm thickness i/c 5mm thick tinted glass with rubber gasket using approved standard latch, hardware i/c using imported brushes for dust proofing & imported roller, complete in all respect as approved by the Engineer incharge.	108	P Sft	1348.40	145627
Providit Vertical holes ir window by the E	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"X1/8" i/c the cost of 1-1/4"X1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.3/8" Squar Bars	1092	P Sft	854.35	932950
P/F ope of 60mi 14 box frai the cos directed	P/F openable door comprising of 3mm thick UPVC hollow profile chowkat frame of 60mm x 64mm and leaf frame 60 mm x 106 mm both duly reinforced with G I box frame inside the void with 20 mm wide panel with grooves on both sides <i>i/c</i> the cost of hardwares hinges four bolt and cutting changes on approved & directed by the Engineer incharge.	350	НS Ч.	1950.00	682500

		Amendec	l Rough	Amended Rough Cost Estimate 2nd Bi 2022	2nd Bi 2022
S.#	Description	Qty	Unit	Rate	Amount
-	2	m	4	5	9
15	1-1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1"thick packing woodin style and rails under proper pressure <i>i/c</i> the cost of nails, tower bolt, handles,glue,sawing charges,Painting charges,sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge.	196	P Sft	502.20	98431.2
10	Providing and laying 3/4"thick full width Pre polished Marble slab for Vanities /Shelves/ Treads/ Window Cills ,having Uniform texture (Spotless) with adhesive bond over 3/4"thick (1:2) cement sand mortor i/c the cost of matching sealer complete in all respect as approved by the Engineer Incharge	378	P Sft	412.35	155868
	P H Portion				-
17	Providing and fitting one piece Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP/ rubber connection thimble normal seat cover and rawai bolts complete in all respects as approved and directed by the Engineer Incharge.	7	Each	19987.90	139915.3
18	Providing and fixing Bathroom Accessories (7-piece set) Master brand - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.i) Plastic soap dish ii) Plastic tower rail iv) Plastic shelf 60x13 cm (24:x5") with bracket and railing v) Plastic Brush holder vi) Looking glass with plastic frame vii) Towel ring	14	Each	7600.00	106400
19	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.Under Counter Vanity Basin	14	Each	7330.00	102620
20	Providing, laying, testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code <i>i/c</i> cost of solvent , specials , making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe ii)(3/4") 25 mm	950	P Rft	66.50	63175
5	Providing,laying,testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent ,specials ,making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe ii)(1") 32 mm	800	P Rft	106.90	85520
22	Providing and fixing chromium plated bib cock:	35	Each	775.00	27125
23	Providing and fixing chromium plated tee Stop cock:	30	Each	955.00	28650
24	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge.	650	P Rft	757.95	492667.5
25	Providing and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3- NoTee stop cocks lever type Basin Mixer,double Bib Cock,Muslim shower,waste coupling and bottle trap etc.complete in all respect as approved and directed by the Engineer incharge.iv) Open Type Wall Shower v) Muslim shower vi) Waste Coupling vii) Bottle Trap i) 3 No Tee Stop Cock (set) ii) Lever Type Basin Mixer iii) Double Bib Cock	4	Each	14472.00	57888
		2			······

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# 3		Amende	d Rough	Amended Rough Cost Estimate 2nd Bi 2022	2nd Bi 2022
t.0	nescription	Qty	Unit	Rate	Amount
1	2	e	4	5	6
26	Providing / fixing Electric water heater (Geyser) comprising of tank of 14SWG ,GI sheet and external cover of 22 SWG MS sheet ,insulated with 4"thick high density glass wool ,imported thermostat <i>i</i> /c electric rod ,safety valve (Ambassad or / Canon) <i>i</i> /c cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge.ii) 20 Gal capacity	N	Each	19567.80	39135.6
27	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest.) coloured	11	Each	2458.35	27041.85
28	28 Providing and fitting "P" trap:-i) 10 cm (4") glazed.	17	Each	283.15	4813.55
				Total:-	5647040
	Cride of old Meterial				
-	door	28	Each	800.00	22400
2	Windows	3	Each	1000.00	3000
				Total:-	25400
					5621640
	Say:-				5621640
				-	

Sub Engineer

(Executive Engineer) Buildings Division Narowal e.

AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23

	:	THE YEAR 2022-23 Revamping of OPD Ground Floor			
-	Removing of door		28	Ŷ	
2	Removing of windows		£	°N N	
ო	Dismentling of P.C.C (1:2:4)		·		
	bath	2x11x17-1/4x1/8	48	. Cł	
		1×13×10×12 1×13×6×178	19		
		1×10×0×1/0	א י	-	
		1x12x7x1/8	= =		
		1x9x8x1/8	6		
	444	1x12x4x1/8	9		
	Dau		38 Total:- 151	. <u></u> 5	
4	Distempering one coat to old surface.			;	
	Dental surgon	1x18-7/8x17-1/4	326	Sft	
	Bath	2x5x6	09		
	C M	2012/22/2011/2012/22/22/22/22/22/22/22/22/22/22/22/22/2	100		
	Toilet Block	1×11×17-1/4	190		
	Lobby	1x14x7-1/4	102	;	
	Cordilozcist Bath	1x16-1/8x17-1/4 2v5v6	278 60		
		2x10x5	9 <u>6</u>		
	Surgeon	1x18-7/8x17-1/4	326	=	
	Fritysical Rath	1X18-7/8X17-1/4 2v5v6	226 60		
		2x10x5	100	F	
	M.O	1x16-1/8x17-1/4	278	F	
	Dental surgon Bath	1x18-7/8x17-1/4 2v5v6	326 60		
		2x10x5	00 00		
		1x16-1/8x17-1/4	278	=	
	Lav. Block	1×11×17-1/4	190		
	Female Waiting	2X11-5/8X17-1/4	401		
	Physical other	1X10X17-174 1x48-778-474	326	: 1	
	OPD Step	1×16-7/8×17-1/4	291	r	
		2x5x6	60	=	
	Conditions	2x10x5	100		
		1X103X11-1/4	1834		
ŝ	Preparing surface Emusion paint two coat to old surface.after scraping	o coat to old surface.after scraping	Total 6623	똜	
		1x2(18-7/18+17-1/4)x7	506	St	
		2x2(5+6)x5	220	z	
		2x2(5+10)x7	420	I	
	М.О	1x2(16-1/8+17-1/4)x7	467	z	
		1X2(14+7-1/4)X7 122/16 110-17 11/27	298		
		1,44,110-1107-11-114,1X1 24(5+6)x5	40/ 150	=	
		2x2(10+5)x7	420	=	
		2X2(18-7/8+17-1/4)X7	1012	•	
		2x2(5+6)x5	220		
		2x2(10+5)x7	420		
	M.C	1x2(16-1/8+7-1/4)x7 4×2/18-7/8+47-1/1/>×7	327 Ene		
		177(11-11-11-11) 272(5+6)V5	000		
		2x2(5+6)x5	750 67		
		1x2(16-1/8+17-1/4)x7	98 98	•	
		1x2(11+17-1/4)x7	396	:	
		2x2(11-5/8+17-1/4)x7	809		
		7x2(10+19-1/4)x7	2867		
		1x2(18-7/8+17-1/4)x7 4××××4= 7/8+47-4/4××=	506		
) ř		

2x2(5+6)x5 2x2(10+5)x 1x2(163+1)	2x2(5+6)x5 2x2(10+5)x7 1x2(163+11-1/4)x7
P/L P C C 1:2:4 ratio l/c surface finishing. 2x1- 1x1 1x1	2x11x17-1/4x1/8 1x15x10x1/8 1x12x6x1/8 1x10x9x1/8 1x10x9x1/8
7. 7. 1. 1. 1. 1. 10.	1x12x/x1/8 1x9x8x1/8 1x12x4x1/8 10x5x6x1/8
Providing and laying superb quality Ceramic tile floors of Master brand of specified size, Glossy/Math/Texture of approved Color and Shade as per approved design with adhesive bond, over 3/4" thick (1;2) cement sand plaster <i>li</i> /c the cost of sealer for finishing the joints <i>lic</i> cutting grinding complete in all respects and as approved and directed by the Engineer incharge 12"x18"/12"x24"/10"x24" /8"x24"/12"x36	of Master er approved (of sealer for t directed by tt
Bath 2x1 1x1	2x11x17-1/4 1x15x10
1x1	1x12x6
	1x10x9 1x12x7
1x9x8	8
Bath 10x	10x5x6
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>l</i> /c the cost of sealer for finishing the joints <i>l</i> /c cutting grinding complete in all respects as approved and directed by the Engineer Inchange12"x18"/12"x24"/10"x24"/12"x36	of Master Shade with ing the joint directed
	2X2(11+17-1/4)X7 3X2V4-1/2V7
	1x2x(11+17-1/4)x7
2X	2X2X5X7
1x	1x2x7x7
¢ .	1x2x(7-1/8)x7
XL	1x2x8-3/4x7 1×(4±6)×7
XI	1X(4+6)X/
1	1x2(12+6)x5 1x2(12+7)x5
1×	1x2(10+9)x5
71 XL	cx(/+21)2X1 5x(9+8)2X1
5X	5x4-1/2x7
3x Bath 10	3x5x7 10x2(5+6)x7
*	1x2x(6+4)x7
did 20	20x2-1/2x7
Providing and fixing 2"X2" Stainless Steel 14 SWG Corner Guard angle with bevelled corner and 0.8 mm bend at edges duly pasted with premium grade self-adhesive glue strips with excellent hold/(double sided Tape) as approved and directed by the Engineer Incharge	Guard angle ade self-adhe by the Engine
20	20x5
Provding and fixing 140 mm wide PVC hand rail panel of specified color hoist ov thick hard aluminum channel fixed on wall bracket and screws c/c the cost of ends,buffer belt as approved and directed by the Engineer Incharge	specified color hoist over 1.6 mm screws c/c the cost of albows at Incharge
2	2x163
Repair of aliminism windows the real-commut of domand and	1099 - 417

Repair of aluminium windows *it* replacment of damaged parts with rubber gasket etc complete in all respect as approved by the Engineer incharge.

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	P/F All type of glazed aluminium window of anodized bronoze colour partly fixed & partly sliding using deluxe section of Pakistan cables or equpment approved firm having frame of size 100mmx30mm and leaf frame section size 45mmx25mm / 45mmx35mm all of 1.6mm thickness i/c 5mm thick tinted glass with rubber gasket using approved standard latch, hardware i/c using imported brushes for dust proofing & imported roller, complete in all respect as approved by the Engineer incharge.		
	w 3x6x6 Total	108 1 08	あ お
ୁ କ କ କ	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.3/8" Squar Bars		
	26x6x6 2x8x6	936 96	sft
	CW 10x2x3 Total	60 1092	. ¥
2222	P/F openable door comprising of 3mm thick UPVC hollow profile chowkat frame of 60mm x 64mm and leaf frame 60 mm x 106 mm both duly reinforced with G I box frame inside the void with 20 mm wide panel with grooves on both sides <i>l</i> /c the cost of hardwares hinges four bolt and cutting changes on approved & directed by the Engineer incharge. 20x2-1/2x7 Total	350 350	5 5
<u>Y</u> a la l	P/F1-1/2"thick solid flush door comprising of 2.5mm thick Deodar /Ash/ Oak ply with grooves,compressed over 2.5mm thick commercial ply over 1"thick packing woodin style and rail sunder proper pressure <i>l</i> /c the cost of nails ,tower bolt ,handles ,glue ,sawing charge sand lacquar polishing to showthe grains of plypropenty ,sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge.		
	7	196	Sf
P N N N N N N N N N N N N N N N N N N N	I laying 3/4"thick full width Pre polished Marb ,having Uniform texture (Spotless) with adhes //c the cost of matching sealer complete in all	196	Б.
Ś	zx(11-5/8+17-1/4)x2 1x2(23-1/4+17-1/4)x2	116 162	まま
Sa	satir step 8x5x1	4	ŧs
e	ent step 3x20x1	<u>60</u>	Sft
٩.	P H Portion	378	Sft
£Ğ.⊆	Providing and fitting one piece Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP/ rubber connection ,thimble, normal seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.	7	Ň
ਦ ਨੂੰ ਨੂੰ ਦੇ ਨੂੰ	Providing and fixing Bathroom Accessories (7-piece set) Master brand - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, tollet paper holder & looking glass <i>i/c</i> the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.). Plastic soap dish i) Plastic coulet paper holder iii) Plastic tower rail iv) Plastic shelf 60x13 cm (24:x5") with bracket and railing v) Plastic Brush holder v) Looking glass with plastic frame vii) Towel ring	4	°N N
ĘŠ	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.Under Counter Vanity Basin	14	Ŷ
2 3 8 8 <u>(</u>)	Providing, laying, testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent , specials , making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe ii)(3/4*) 25 mm	950	Rft
д л в 8 <u>(</u>)	Providing, laying, testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code <i>i</i> /c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe i)(1") 32 mm	800	Rft
Ā	Providing and fixing chromium plated bib cock:	35	٩
5	Providing and fixing chromium plated tee Stop cock:	30	Ñ

							ser)	
	No	Ŷ	No	Ŷ	Ç	2 0	 (Executive Engineer) Buildings Division Narowal	
650	4	2	,	17	28	ი წ	(Executi Buildings Narowal	
Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge.	Providing and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3-NoTee stop cocks ,lever type Basin Mixer,double Bib Cock,Muslim shower,waste coupling and bottle trap etc.complete in all respect as approved and directed by the Engineer incharge.iv) Open Type Wall Shower v) Muslim shower vi) Waste Coupling vii) Bottle Trap i) 3 No Tee Stop Cock (set) ii) Lever Type Basin Mixer iii) Double Bib Cock	Providing / fixing Electric water heater (Geyser) comprising of tank of 14SWG ,GI sheet and external cover of 22 SWG MS sheet ,insulated with 4"thick high density glass wool ,imported thermostat <i>i/c</i> electric rod ,safety valve (Ambassad or / Canon) <i>i/c</i> cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge.ii) 20 Gal capacity	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest) coloured	Providing and fitting "P" trap:-i) 10 cm (4") glazed.	Cride of old Meterial door	windows	Sub Engineer (Sub Divisional Officer) (Buildings Sub Division E Buildings Sub Division E Narowal I	
24	25	26	27	28	Ŧ	- ~		
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	OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITA Revamping of OPD First Floor	EAT	BE	HOSPH	AL
# 5		Amended	Rough	Cost Estimat	Amended Rough Cost Estimate 2nd Bi 2022
#. //	Description	Qty	Unit	Rate	Amount
H	2	e	4	5	6
-	Removing of door	28	Each	438.00	12264
2	Removing of windows	3	Each	341.50	1024.5
e	Dismentling of P.C.C 1:2:4	151	% Cft	11174.6	16874
4	Distempering one coat to old surface.	6623	% Sft	561.30	37175
5	Preparing surface Emusion paint two coat to old surface after scraping	13892	% Sft	2796.55	388497
9	P/L p cc 1:2:4 i/c surface finishing complete.	151	% Cft	38178.9	57650
2	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>i/c</i> the cost of sealer for finishing the joints <i>i/c</i> cutting grinding complete in all respects and as approved and directed by the Engineer Incharge 12"x18"/12"x24"/10"x24"/12"x36	1148	P Sft	240.00	275520
Ø	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 Incharge12"x18"/12"x24"/10"x24" /8"x24"/12"x36	4399	P Sft	292.75	1287807
თ	Providing and fixing 2"X2" Stainless Steel 14 SWG Corner Guard angle with bevelled corner and 0.8 mm bend at edges duly pasted with premium grade self-adhesive glue strips with excellent hold/(double sided Tape) as approved and directed by the Engineer Incharge	100	P Rft	1260.00	126000
9	Provding and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 mm thick hard aluminum channel fixed on wall bracket and screws <i>clc</i> the cost of albows at ends, buffer belt as approved and directed by the Engineer Incharge	326	P Rft	650.00	211900
7	Repair of aluminium windows i/c replacment of damaged parts with rubber gasket etc complete in all respect as approved by the Engineer incharge.	9	Each	0002	42000
42	<i>P/F</i> All type of glazed aluminium window of anodized bronoze colour partly fixed & partly sliding using deluxe section of Pakistan cables or equpment approved firm having frame of size 100mmx30mm and leaf frame section size 45mmx25mm / 45mmx35mm all of 1.6mm thickness <i>i/c</i> 5mm thick tinted glass with rubber gasket using approved standard latch, hardware <i>i/c</i> using imported brushes for dust proofing & imported roller, complete in all respect as approved by the Engineer incharge.	108	P Sft	1348.40	145627
33	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c" passed through punched holes in MS Patti of 1-1/4"X1/8" i/c the cost of 1-1/4"X1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge 3/8" Squar Bars	1092	P Sft	854.35	932950
14	<i>P/F</i> openable door comprising of 3mm thick UPVC hollow profile chowkat frame of 60mm x 64mm and leaf frame 60 mm x 106 mm both duly reinforced with G I box frame inside the void with 20 mm wide panel with grooves on both sides <i>i</i> /c the cost of hardwares hinges four bolt and cutting changes on approved & directed by the Engineer incharge.	350	P Sft	1950.00	682500

AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING

S.#	Description	Amende	d Rough	Amended Rough Cost Estimate 2nd Bi 2022	e 2nd Bi 2022
		Qty	Unit	Rate	Amount
-	2		4	5	9
15	1-1/2" thick solid flush door comprising of 2.5mm thick Commercial ply compressed over 2.5mm thick commercial ply over 1"thick packing woodin style and rails under proper pressure <i>i/c</i> the cost of nails, tower bolt, handles,glue,sawing charges, Painting charges, sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge.	196	P Sft	502.20	98431.2
	P H Portion				
16	Providing and fitting one piece Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP/ rubber connection ,thimble ,normal seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.	7	Each	19987.90	139915.3
17	Providing and fixing Bathroom Accessories (7-piece set) Master brand - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass <i>i/c</i> the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.)) Plastic soap dish ii) Plastic toilet paper holder iii) Plastic tower rail iv) Plastic shelf 60x13 cm (24.x5 ⁿ) with bracket and railing v) Plastic Brush holder vi) Looking glass with plastic frame vii) Towel ring	4	Each	7600.00	106400
18	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.Under Counter Vanity Basin	14	Each	7330.00	102620
19	Providing,laying,testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077- 8078 code i/c cost of solvent ,specials ,making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe ii)(3/4") 25 mm	950	P Rft	66.50	63175
50	Providing,laying,testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077- 8078 code i/c cost of solvent ,specials ,making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe ii)(1") 32 mm	800	P Rft	106.90	85520
5	Providing and fixing chromium plated bib cock:	35	Each	775.00	27125
22		30	Each	955.00	28650
25	Providing, fixing, testing and commissioning of μ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge.	650	PRft	757.95	492668
24	Providing and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3- NoTee stop cocks ,lever type Basin Mixer,double Bib Cock,Muslim shower,waste coupling and bottle trap etc.complete in all respect as approved and directed by the Engineer incharge.iv) Open Type Wall Shower v) Muslim shower vi) Waste Coupling vii) Bottle Trap i) 3 No Tee Stop Cock (set) ii) Lever Type Basin Mixer iii) Double Bib Cock	4	Each	14472.00	57888
25	Providing / fixing Electric water heater (Geyser) comprising of tank of 14SWG ,GI sheet and external cover of 22 SWG MS sheet ,insulated with 4"thick high density glass wool ,imported thermostat <i>i/c</i> electric rod ,safety valve (Ambassad or / Canon) <i>i/c</i> cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge.ii) 20 Gal capacity	N	Each	19567.80	39135.6
56	Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest.) coloured	11	Each	2458.35	27041.85
27	Providing and fitting "P" trap:-i) 10 cm (4") glazed.	17	Each	283.15	4813.55
				Total:-	5491172
	Cride of old Meterial				

Amount 6 22400 3000 25400 5465772 5465772	gineer) Vision
Rate 5 800.00 1000.00 Total:-	(Executive Engineer) Buildings Division Narowal
Unit 4 4 Each Each	
Oty 0ty 33 88 33 Say:-	
1 2 1 door 2 Windows	Sub Engineer

AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23

eq:eq:eq:eq:eq:eq:eq:eq:eq:eq:eq:eq:eq:e	I24(15):114)x7 Lot 1362 Total 1:20:20:20:20:20:20:20:20:20:20:20:20:20:	$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	2X2(5+6)X5 2X2(10+5)X7	220		
Total 1392 T24 ratio ic surface finishing F12 ratio is respective for the finishing the pinishing F12 ratio is respective for and Shade as suproved edging multiply F12 ratio is respective for and Shade size is approved edging multiply F12 ratio is respective for and Shade size is approved edging multiply F12 ratio is respective for and Shade size is approved edging multiply F12 ratio is respective for and Shade size is approved and directed by the Engineer incharge F12 ratio is respective for and Shade size is reproved edging multiply F12 ratio is respective as a suproved and directed by the Engineer incharge F12 ratio is respective as a suproved and directed by the Engineer incharge F12 ratio is respective as a suproved and directed by the Engineer incharge F12 ratio is respective as a suproved and directed by the Engineer incharge F13 ratio is respective as a suproved and directed by the Engineer incharge F13 ratio is respective as a suproved and directed by the Engineer incharge F13 ratio is respective as a suproved and directed by the Engineer incharge F13 ratio is respective as a suproved and directed by the Engineer incharge F14 ratio is respective as a suproved and directed by the Engineer incharge F14 ratio is respective as a suproved and directed by the Engineer incharge F14 ratio is respective as a suproved and directed by the Engineer incharge F14 ratio is respective as a suproved and directed by the Engineer incharge for the ratio is respective as a suproved and directed by the Engineer incharge and the ratio is respective as a suproved and directed by the Engineer incharge and the ratio is respective as a suproved and directed by the Engineer incharge and the ratio is respective as a suproved and directed by the Engineer incharge and the ratio is respective as a suproved and directed by the Engineer incharge and the ratio is respective and ratio is res	Total 1392 T24 ratio ic surface finishing Each Each String 21171/14/18 \pm 10 112.056/18 Total 115 112.056/18 Total 115 112.056/18 Total 115 112.056/18 Total 115 112.056/18 Total 115 113.056/18 Total 115 114.056/18 Total 115 114.05	T24 ratio ic surface fineling T24 ratio ic surface fineling its points ic T24 ratio ic surface fineling its points ic culting grinting T24 ratio ic surface fineling its points ic culting grinting T24 ratio ic surface fineling its points ic culting grinting T24 ratio ic surface fineling its points ic represent ic T24 ratio ic surface fineling its points ic T24 ratio ic surface fineling its poi	1x2(163+11-1/4)x7	I		
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$ \begin{array}{c c} \mbox{th} $	$ \begin{array}{c} \text{Balt} & \text{Trickering} & \text{Figure} & Figure$	$ \begin{array}{c c} \label{eq:constraint} \\ \mbox{Ball} \\ Ball$	-	9	C	ş
$ \begin{array}{c} r(\mathbf{r},\mathbf{r},\mathbf{r},\mathbf{r},\mathbf{r},\mathbf{r},\mathbf{r},\mathbf{r},$	$ \begin{array}{c} r(r(r(r(r);r(r(r);r(r);r(r);r(r(r);r);r(r);r(r);r(r);r);r(r);r(r);r(r);r);r(r);r(r);r(r);r);r(r);r(r);r);r(r);r(r);r);r(r);r);r(r);r);r(r);r);r(r);r);r(r);r);r(r);r);r(r);r);r(r);r);r(r);r);r(r);r);r(r);r);r(r);r);r);r(r);r);r);r(r);r);r);r(r);r);r);r(r);r);r);r(r);r);r);r(r);r);r);r(r);r);r);r(r);r);r);r);r(r);$	$ \begin{array}{c} if the interval is a constraint of the interval is $	-	- 19 19	ינ	ť
$ \begin{array}{c} \text{TriOreArt IB} & \text{TriOreArt IA} & Tr$	$ \begin{array}{c} \text{Tr}(Dock 1/8) & Tr$	Introduction	1x12x6x1/8	6	=	
Bath 1.224×10^{13} Total. 151 a 1.322×10^{13} Total. 151 b 1.224×10^{13} Total. 151 a 1.322×10^{13} Total 152 a 1.322×10^{13} Total 152 a 1.322×10^{13} Total 151 a 1.322×10^{13} Total 152 a monthesite funded by the Engineer inchange 1.322×10^{13} Total 152 a 1.322×10^{13} Total 152 \times 10^{13} Total 152 \times 10^{1	Bath Its/Section Its/Section Bath 0:SSGK18 Total: 15 and laying superh quality Ceramic lise foors of Master brand of specified former disagn with anti-biologic disagn	Buth Extension Instance <	1×10×9×1/8 1×13×2×1/8	23		
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Bath 10556X1/B Total: 151 Total: T_{T} Total: T_{T} Total: T_{T} Aff high guest update superior display the form of specified with achesive disproved. Core and Shade so per optimaling the joints in the structure of approved and directed by the Engineer incharge structure of approved in a directed by the Engineer incharge structure superior directed by the Engineer incharge structure structures	Bath 1055654/18 Total: 151 and by/ng superb quality Caramic the flore of sealer brand of specified with athesize dright end in the contrarge flore transmission of specified with athesize and as approved and directed by the Engineer incharge flore transmission of specified athesize in the cost of sealer for finishing the joints in: (256) 360 252 <td>Bath 10556X1/B Total: 151 and byfing superb rule (Series from of Master brand of specified (Master Brand Brand (Master Brand of specified (Master Brand o</td> <td>1x12x4x1/8</td> <td>b 0</td> <td>=</td> <td></td>	Bath 10556X1/B Total: 151 and byfing superb rule (Series from of Master brand of specified (Master Brand Brand (Master Brand of specified (Master Brand o	1x12x4x1/8	b 0	=	
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color hoist over 1.6 mm the cost of albows at 326	326	326				<u> </u>
326	326	326	color hoist over 1. the cost of albo			
		Repair of aluminium windows i/c replacment of damaged parts with rubber gasket etc complete	2x163	326		Ħ
		Repair of aluminium windows its replacment of damaged parts with rubber gasket lets complete				
in all respect as approved by the Engineer incharge.						

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യ യ	108 108	936	96 60 1092	350 350		196	196	4	4	950	800	35	30	650
Total P/F All type of glazed aluminium window of anodized bronoze colour partly fixed & partly sliding using deluxe section of Pakistan cables or equpment approved firm having frame of size 100mmx30mm and leaf frame section size 45mmx25mm / 45mmx35mm all of 1.6mm thickness l/c 5mm thick tinted glass with rubber gasket using approved standard latch, hardware i/c using imported brushes for dust proofing & imported roller, complete in all respect as approved by the	Engineer incharge. w 3x6x6 Total	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 Patit of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patit for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.3/8" Squar Bars 25x6x6	2x8x6 CW 10x2x3 Total	P/F openable door comprising of 3mm thick UPVC hollow profile chowkat frame of 60mm x 64mm and leaf frame 60 mm x 106 mm both duly reinforced with G1 box frame inside the void with 20 mm wide panel with grooves on both sides <i>i</i> /c the cost of hardwares hinges four bolt and cutting changes on approved & directed by the Engineer incharge. 20x2-1/2x7 Total	P/F1-1/2"thick solid flush door comprising of 2.5mm thick Deodar /Ash/ Oak ply with grooves,compressed over 2.5mm thick commercial ply over 1"thick packing woodin style and 15 rail sunder proper pressure <i>i/c</i> the cost of nails ,tower bolt ,handles ,glue ,sawing charge sand lacquar polishing to showthe grains of plyproperly ,sand papering and 3/8"thick matching wooden lipping as approved and directed by the Engineer Incharge.	8X3-1/2X7	P H Portion Providing and fitting one piece Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA Is brand (full size) life the cost of CP/ rubber connection, thimble, normal seat cover and rawal botts complete in all respects as approved and directed by the Engineer Incharge.	Providing and fixing Bathroom Accessories (7-piece set) Master brand - One Cosmetic Sheff, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & 17 looking glass lic the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.]) Plastic soap dish ii) Plastic toilet paper holder iii) Plastic tower rail iv) Plastic shelf 60x13 cm (24:x5") with bracket and railing v) Plastic Brush holder vi) Looking glass with plastic frame vii) Towel ring	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. Under Counter Vanity Basin	Providing,laying,testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent, specials , making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe ii)(3/4") 25 mm	Providing,laying,testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code l/c cost of solvent ,specified , making]harries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe ii)(1") 32 mm			Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1329 of specified 3 SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge. 4" Dia.
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4	й	11	17	80	η μ	utive Enginee Idings Division Narował				
Providing and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3-NoTee stop cocks, lever type Basin Mixer,double Bib Cock,Muslim shower,waste coupling and bottle trap etc.complete in all respect as approved and directed by the Engineer incharge.iv) Open Type Wall Shower v) Muslim shower vi) Waste Coupling vii) Bottle Trap I) 3 No Tee Stop Cock (set) ii) Lever Type Basin Mixer iii) Double Bib Cock	Providing / fixing Electric water heater (Geyser) comprising of tank of 14SWG, GI sheet and external cover of 22 SWG MS sheet, insulated with 4"thick high density glass wool, imported thermostat <i>lic</i> electric rod, safety valve (Ambassad or / Canon) lic cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge.ii) 20 Gal capacity	Provi rest.)	Providing and fitting "P" trap:-i) 10 cm (4") glazed.	Cride of old Meterial door	windows	Sub Engineer (Sub Divisional Officer)				
24	25	26	27	*	· N					

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ABSTRACT OF COST

De 7414031	
Revamping of QMS Registration Area Ground Floor & i/c	 Establishment of Registration Desk

Revamping of QMS Registration Area First Floor i/c 2 Establishment of Registration Desk

Rs.741230/-

Total Rs.1452632/-

Sub Divisional Officer Buildings Sub Division Narowal

Executive Engineer Buildings Division Narowal

Sub Engineer

Amended Rough Cos Qty Unit F 3 4 56 3 4 56 4200 % Sft 56 2651 % Sft 27 3 Each 7 3 Each 7 128 P Sft 85 128 P Sft 6 128 P Sft 85 128 P Sft 85		Description 2 2 2	Revamping of QMS Registration Area Ground Floor /First Floor	First Flo	5			I
Qty Unit Rate 3 4 5 3 4 5	Qty Unit Rate 5 3 4 5 5 2 4200 % Sft 561.30 2 2 2651 % Sft 2796.55 2 2 3 Each 7000 2 2 2 180 P Sft 854.35 2 2 2 128 P Sft 650 2 2 2 128 P Sft 650 2 2 2 128 P Sft 650 2	Qty Unit Rate 5 3 4 5 5 1 4200 % Stt 561.30 1 1 2651 % Stt 561.30 1 1 2651 % Stt 2796.55 1 1 3 Each 7000 1 1 1 128 P.Stt 854.35 1 1 1 128 P.Stt 650 1	Description	Amende	ed Rougi	h Cost Estima	te 2nd Bi 202	8
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2651 % Stt 2796.55 3 Each 7000 180 P Stt 854.35 128 P.Rtt 650 128 P.Rtt 650 Total:-	2651 % Stt 2796.55 3 Each 7000 180 P Stt 854.35 128 P.Rtt 650 128 P.Rtt 650 Buildings Divisi Narowal	2651 % Stt 2796.55 3 Each 7000 180 P Stt 854.35 180 P Stt 650 128 P.Rft 650 Marowal Marowal	Distempering one coat to old surface.	4200	% Sft	561.30	23575	
3 Each 7000 180 P Sft 854.35 128 P.Rft 650 128 P.Rft 650 Total:-	3 Each 7000 180 P Srt 854.35 128 P.Rft 650 128 Buildings Divisi Narowal	3 Each 7000 180 P Stt 854.35 128 P.Rtt 650 128 Buildings Divisi Buildings Divisi	Preparing surface Emusion paint two coat to old surface after scraping	2651	% Sft	2796.55	74143	
180 P Sft 854.35 128 P.Rft 650 Total:- Buildings Divisi Buildings Divisi	180 P Sft 854.35 128 P.Rft 650 (Executive Engin Narowal	180 P Sft 854.35 128 P.Rft 650 Executive Engin Narowal	Repair of aluminium windows i/c replacment of damaged parts with rubber gasket etc complete in all respect as approved by the Engineer incharge.		Each	7000	21000	r
128 P.Rft 650 Total:- Executive Engin Buildings Divisi	128 P.Rtt 650 Total:- Buildings Divisi Narowal	128 P.Rft 650 Total:- Buildings Divisi Narowal	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.3/8" Squar Bars		P Sft	854.35	153783	1
2MS Hall Ground and First Floor (Executive Engine Buildings Divisi	2MS Hall Ground and First Floor (Executive Engine Buildings Divisi Narowal	MS Hall Ground and First Floor (Executive Engin Buildings Divisi Narowal	Provding and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 mm thick hard aluminum channel fixed on wall bracket and screws <i>cl</i> c the cost of albows at ends, buffer belt as approved and directed by the Engineer Incharge		P.Rft	650	83200	r
2MS Hall Ground and First Floor (Executive Engine Buildings Divisi	MS Hall Ground and First Floor (Executive Engin Buildings Divisi Narowal	MS Hall Ground and First Floor (Executive Engin Buildings Divisi Narowal				Total:-	355701	r
·			QMS Hall Ground and First Floor				711402	r — —
Narowal			Sub Engineer		i)	Executive Er Buildings D Narowy	igineer) ivision	

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AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23

Revamping of QMS Registration Area Ground Floor & i/c Establishment of Registration Desk

Distempering one coat to old surface. -

1935 Sft	840 "	903 "	<u>522</u> Total <u>4200</u> Sft
1x60x32-1/4	2x7x60	2x14x32-1/4	1x20-7/8x25
	waffle slab		Dispensary

Preparing surface Emusion paint two coat to old surface.after scraping 2

2116 Sft	1055 "	-180	-340	Total 2651 Sft
1x2(60+32-1/4)x11-1/2	1x2x(20-7/8+25)x11-1/2	5x6x6	4x10x8.5	
	Disponser	Opening	Doors D/D	

Repair of aluminium windows i/c replacment of damaged parts with rubber gasket etc complete in all respect as approved by the Engineer incharge. 4

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

180

5x6x6

Б

Providing and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 mm thick hard aluminum channel fixed on wall bracket and screws *cl*c the cost of albows at ends,buffer belt as approved and directed by the Engineer Incharge ဖ

2x64

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Sub Engineer

(Sub Divisional Officer) Buildings Sub Division Narowal

(Executive Engineer) Buildings Division Narowal

REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF

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S.#	Description	Amende	d Rougl	Amended Rough Cost Estimate 2nd Bi 2022	te 2nd Bi 20	122
		Qty	Unit	Rate	Amount	
1	2	e	4	S	9	
-	Distempering one coat to old surface.	4339	% Sft	561.30	24355	
2	Preparing surface Emusion paint two coat to old surface after scraping	3807	% Sft	2796.55	106465	
ო	Provision of Counter	2	P.Sft	126579	253158	T
4	Repair of aluminium windows i/c replacment of damaged parts with rubber gasket etc complete in all respect as approved by the Engineer incharge.	4	Each	7000	28000	
ى ك	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.3/8" Squar Bars	288	P Sft	854.35	246053	
ഴ	Provding and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 mm thick hard aluminum channel fixed on wall bracket and screws c/c the cost of albows at ends, buffer belt as approved and directed by the Engineer Incharge	128	P.Rft	650	83200	
				Total:-	741230	
	Say:-				741230	
	Sub Engineer			(Executive Engineer) Buildings Division Narowal	gineer) /ision	

NCE WORK OF JAB ONE AT DHQ AR 2022-23 t of Registration Desk		1935 Sft				446 " 4339 Sft		2116 Sft		1.			4 No		288 Sft		128 Rft	(Executive Engineer) Buildings Division	Narowal
AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THG HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO. 660 FOR THE YEAR 2022-23 Revamping of QMS Registration Area First Floor I/C Establishment of Registration Desk	d surface.	1x60x32-1/4	2x7x60	2x14x32-1/4	1x21x10-1/4	1x21x21-1/4 Total	Preparing surface Emusion paint two coat to old surface after scraping	1x2(60+32-1/4)x11-1/2	1x2x(21+10-1/4)x11-1/2 1x2x(21+21-1/4)x11-1/2		·	Repair of aluminium windows i/c replacment of damaged parts with rubber gasket etc complete in all respect as approved by the Engineer incharge.		Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.3/8" Squar Bars	Bx6x6	Provding and fixing 140 mm wide PVC hand rail panel of specified color hoist over 1.6 mm thick hard aluminum channel fixed on wall bracket and screws c/c the cost of albows at ends,buffer belt as approved and directed by the Engineer Incharge	2x64	(Sub Divisional Officer) Buildings Sub Division	Narowal
AMENDED ROUGH C REVAMPING OF ALL DI HOSPITAL NARO Revamping of QMS Registra	1 Distempering one coat to old surface.			::	Medical social office	Store	2 Preparing surface Emusion		Medical social office Store		3 Provision of Counter	Repair of aluminium windows i 4 rubber gasket etc complete Engineer incharge.		Providing and fixing M.S. grill fabricated with MS Vertical/horizontal Bars of specified size @ 4" c/c ¹ 5 punched holes in MS Patti of 1-1/4"x1/8" l/c the cost patti for Frame of windows and painting 3 coat comp as approved and directed by the Engineer Incharge.3		Provding and fixing 140 mm wide PVC hand rail color hoist over 1.6 mm thick hard aluminum ch bracket and screws c/c the cost of albows at approved and directed by the Engineer Incharge		Sub Engineer	

AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23

		External Development	opment]
			Amended Rough C	Amended Rough Cost Estimate 2nd Bi 2022	122	
4 .0	Description anaci	Qty	Unit	Rate	Amount	
	2	3	4	22	6	
-	Providing Sewerage System	4	P Job	3353801	3353801	
2	2 Providing of external E I Portion	1	P Job	6018665	6018665	
4	4 Provision of drain.	1	P Job	1591650	1591650	
2 ²	5 Provision of Paved Area	L	P Job	570885	570885	
				Totai:-	11,535,001.01	2

Sub Engineer

(Executive Engineer) Buildings Division Narowal

AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / IS THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO. 660 FOR THE YEAR 2022-23 PROVISION OF MAKING CONECTION TRUNK SEWER OF D H Q HOSPITAL NAROWAL TO MAIN SEWERAGE SYSTEM OF CITY.

÷	Dismantling brick or flagged flooring without concrete						
ŝ	rourvauori 1x1200x2= Dismantiling of sub-base course.	2400	£	@Rs.	863.50	%Sft	20724
1	1x1200x2x3/4=	1800	ಕ	@Rs.	2712.40	% Cft	4882
ი	Excavation in open cutting for sewer and manhole i/c rehandling						
4	1x1200x5x3= Drv Rammaed hrick hallast 1-1/2" to 2" naune	18900	5	@Rs.	10677.75 % ocf	% ocft	201809
4	1x1200x3x3/4= Providing and laying sub-base course of stone productof approved quality and grade, including placing, mixing cspreading and compaction of sub-base material to required depth, camber, grade to achieve 100%maximum modified AASHO dry density, including carriage of all material to site of work except gravel and, aggregate.(Dina) 133 KM	2700.00	ち	۵ ۲	8825.50	% Cft	23829
	1×1200534344	2700.00					
ŝ	Providing and laying R.C.C. pipe sewers, moulded withcement concrete 1:11%:3 conforming to ASTM Specification C-76-79, Class II. Wall B, including carriage of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing,	2700.00	5	@Rs.	20604.90	%Cft	556332
	1x1200≕ Total	1200 1 200	Rî Rî		1181.80	P Rft	1418160
æ	Relaying of tuff paver 7000 PSI of approved firm & quality 80 mm.						
	1x1200x3	3600.00	Sfl		24.40	P Sft	87840
10	Provision of main hole 4' internal dia 7' depth (analyas attach)	16	16 No @	Q Rs	66889	66889 Each	1070224
42	Provision of Road Cut	-	1 Job	@Rs.	150000.00	L.S Total: 	150000 3533804
.,	D/d cost of old metrial 3 Sub Base					- 1800	Inocree
	Net Total(6557509-714000)	1800 Cft	5		100	100 P Cft	<u>180000</u> 180000 3353801
	Sub Engineer	(Sub Divisional Officer) Buildings Sub Division Narowal	rîsional - gs Sub D Narowal	Officer) ivision	(Exec Bui	(Executive Engineer) Buildings Division Narowal	ion

Page 117

		Provision/Installation of Ext. Electrical	Ext. Elec	trical		
S.#		Description	aty	Unit	Rate	Amount
1 P/F fabr zinc cotc Wir spec corr corr	floor mounted ricarted with 1, Phosphated, 1 wur i/c the cost ing, Netural & zified capacity pilete in all res narge (Breaker	PF floor mounted Electric Panel board of required depth and size, fabricarted with 14SWG M.S sheet (Indoor/Outdoor Type),derusting, zinc Phosphated, finish with electro static powder coating in approved colour ic the cost of Lock, Indication lights,thimbles, Copper Comb, Wiring, Netural & Earth Bar, glands,Current Transformers of specified capacity,Door Earthing, Brass glands,bus bars,controles complete in all respects as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).				
Ma	Main DB for Power Incoming from i) LT Switchboar	B for Power Incoming from Transformer LT Switchboards				
		 a) 2.2.20 At Uccp. (ii) 1200A (3.0°x6'x2.5') Incoming Breaker for Main DB for Power Supplying_Installation and commissioning of MCCB a) Tripple Pole With Adjustable Thermal-Magnetic 	8	cft	4377.05	196967.25
	Trip /Ele (a) Tripple PC Outgoing 1 Supplying 1 Supplying 1 EGRAN GERMAN SWITZE Drelaid DFI	Trip /Electronic Trip (60-100%) Tripple Pole 2000A(70 KA) Outgoing Breakers for Main DB for Power Supplying .Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of (Moulded Case Circuit Breaker) of Specified rating made of Setter Case of the cost of screws increased view metalot DBs and Danels itc the cost of screws increased view		each	312034.3	312034.3
2 <u>P/F</u> fabr vii vii spe cont finct	complete in all respective for the second se	complete in all respect as approved and directed by theEngineer Incharge.(a)Tripple Pole 600A(35 KA)P/F floor mounted Electric Panel board of required depth and size, fabricarted with 14SWG M.S sheet (Indoor/Outdoor Type), derusting, zinc Phosphated, finish with electro static powder coating in approved colour i/c the cost of Lock, Indication lights, thimbles, Copper Comb, Wiring, Netural & Earth Bar, glands, Current Transformers of specified capacity, Door Earthing, Brass glands, bus bars, controles complete in all respects as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).		cach	62434.3	249737.2
NS T	SMDB-1,2,3 Incoming from i) LT Switchboar a) 2.50 Ft deep (j) 600A (3.0%6 Incoming Brea	1,2,3 Incoming from Transformer LT Switchboards a) 2.50 Ft deep (1) 600A (3.0%6/X.5') Incoming Breaker for SMDB-1.2	SE	5	3438.4	464184
	1 Supplying (Moulded GERMA) GERMA SWITZEH prelaid Di complete Engineer	Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A. / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Themal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.				
	(a) Tripple P Outgoing 1 Supplying	Tripple Pole 600A(36 KA) Outgoing Breakers for SMDB-1,2 Supplying Jinstallation and commissioning of MCCB	mi	each	62434.3	187302.9
-						

$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	716657.4			 	742694.4			477771.6	162103	52946	52946		2403320	2010225
	39814.3				3438.4			39814.3	6 4754 3	1103.05	1103.05		6,008.30	
	each				cft			each	haea	each	each		rft	
 Irrpple Pole 300A(36 KA) all mounted DB (Distribution Board) made with 16SWG Sheet essded/Surface mounted, Type). Powder coated Paint, lic the cost oct, Indication lights, Thimble, Copper Comb, Wiring, Netural & IBar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt circo Switch, Ammeter, Volt the Switch, Ammeter, Volt the Switch, Ammeter, Volt the Switch, Ammeter, Volt the Switch, Ammeter, Such, Junstonner, and roles Complete in all respect as approved and directed by the neer Incharge (Breakers will be Paid Separately). 12.3.45,6,7,8,9,10,11,12,13,14,15,16,17,18 12.3.46,6,7 12.3.46,6,7 12.3.46,6,7 12.3.46,6,7 13.00A (35,4A) 12.12.12.140 12.12.12.140 12.12.140 12.12.140 12.12.140 12.12.140 13.300A (35,4A) 12.12.140 12.140 13.300A (35,4A) 13.300A (36,4A) 13.300A (36,4A) 14.12.21.21.21.21.21.21.21.21.21.21.21.21.	18			i	216			<u>12</u>	74	48	<u>48</u>		400	
이는 아그는 아그는 아그는 아그는 아그는 아그는 아그는 아그는 아그는 아그	(a) Tripple Pole 300A(36 KA)	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recesseded/Surface mounted.Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controles Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).	PDB-1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18	(b) 12" deep	(i) 300A (3'x4'x1')	Incoming Breaker for PDB-	 Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMEN/ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Ensineer Incharge. 	(a) Tripple Pole 300A(36 KA)			(c) Single Pole 20A(6 KA)	Supply and crection of non armoured copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):-	630 mm sq (127/0.093") PVC insulated, PVC sheathed single core, 600/1000 volts. copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc (from Transformer to Main DB for Power)	

		Ama	nded Ro	Amanded Rough cost Estimate 2nd Bi 2022	mate 2n	id Bi 2022
#.0	Description	Qty	Unit	Rate		Amount
	2		4	5		9
	Road Structure side drain		:			
1	Const of Road Drain (12" wide & 18" deep).	1215	P Rft	1310		1591650
				Say		1591650
	Sub Engineer			(Executive Engineer) Buildings Division Narowal	s Engin s Division	eer) on

AMEN REVAMP S.# 3.# 1 1 P/L weather P/L Face w	AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ Façade uplifting Amended Rough Cost Estimate 2nd Bi 20: Description Oty UINJAB ONE AT DHQ Façade uplifting Amended Rough Cost Estimate 2nd Bi 20: Description Oty Unit Rate Amonded Bi 20: P/L weather shield two coat to lold surface after scraping. A dot 4612.8 185250 P/L Face work by using Gutka 9" x 2-1/4"x2-1/4" of approved quality in contar 1.3 ifc hack filling with 1.3 comment send montar A dot 5 6	BAL N PU Oty Oty 4016	ANC Unit Unit %Sft	E BALANCE WORK OF IN PUNJAB ONE AT DHQ Amended Rough Cost Estimate 2nd Bi 2022 Qty Unit Rate Amount 3 4 5 6 4016 %Sft 4612.8 185250	OF T DHQ Amount 6 185250
4 work laid wi work laid wi the masonry and 36" cen and its rem approved by	certrent surkin mortal 1.5 up back mining with 1.5 centent sand mortal making trapezoidal groove/ set back of 1/4" depth during fresh masonry work laid with G.I. wire 8-swg, 8-shapped wall ties, one side embedded in the masonry work and other side in gutka at 12" center to center vertically and 36" center to center horizontally,raking out joints, curing, scaffolding and its removal, complete (contractor shall prepare samples at site) as approved by the Engineer Incharge.	675	P.Sft	181.45 Total	122479 307770
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Sub Engineer

(Executive Engineer) Buildings Division Narowal

	· ·	(Executive Engineer) Buildings Division Narowal	
	5 . 5 . 5 .	5	
ŝ	2460 -546 -540 4016 3300		
THE YEAR 2022-23 Facade uplifting	P/L weather shed two coat to lold surface after scraping. 1x(21-3/4+10+39-1/4+10+21-1/2)x24 Porch 4x2x(31-3/4+133-3/4)x4 D/D windows 15x6x6 4x2x(31-3/4+33-3/4)x4 D/D windows 15x6x6 15x6x6 10. P/L Face work by using Gutka 9" x 2-1/4"x2-1/4" of approved quality in cement surkhi mortar 1:3 i/c back filling with 1:3 cement sand mortar making trapezoidal groovels ast back of 1/4" depth during fresh masonry work laid with G.I. wire 8-swg. 8-shapped wall ties, one side embedded in the masonry work and other side in gutka at 12" center to center vertically and 36" center to center horizontally, raking out joints, curing, scaffolding and its removal, complete (contractor shall prepare samples at site) as approved by the Engineer Incharge.	(Sub Divisional Officer) Buildings Sub Division Narowal	
	 P/L weather shed two co Porch Porch Porch	Sub Engineer	

AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL

	Revamping of Accident Emergency Department			-	
₩	Dascriteiton	Amende	ed Roug	Amended Rough Cost Estimate 2nd Bi 2022	te 2nd Bi
t 0		Qty	Unit	Rate	Amount
-	2	÷ ع	4	5	6
-	Removing of door	13	Each	438.00	5694
-	Distempering one coat to old surface.	14333	% Sft	2796.55	400830
2	Preparing surface Emusion paint two coat to old surface after scraping	12765	% Sft	2796.55	356966
3	Dismantling glazed or encaustic tiles, etc.	569	% Sft	2335.85	13284
4	Dismentling of P.C.C (1:2:4)	72	%Cft	11174.60	8046
ŝ	P/L plain cement concrete 1:2:4 i/c surface finishing complete.	72	%Cft	38178.9	27489
9	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 and plaster i/c the cost of sealer for finishing the joints i/c cutting grindling complete in all respects and as approved and directed by the Engineer Incharge 12"x18"/12"x24"/10"x24"/12"x24"/12"x36	569	P Sft	240.00	136560
2	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>l</i> /c the cost of sealer for finishing the joints <i>l</i> /c cutting grinding complete in all respects as approved and directed by the Engineer Incharge12"x18"/12"x24"/10"x24" /8"x24"/12"x36	2328	P Sft	292.75	681376
œ	<i>P/F</i> openable door comprising of 3mm thick UPVC hollow profile chowkat frame of 60mm x 64mm and leaf frame 60 mm x 106 mm both duly reinforced with G I box frame inside the void with 20 mm wide panel with grooves on both sides <i>l/c</i> the cost of hardwares hinges four bolt and cutting changes on approved & directed by the Engineer incharge.	228	P Sft	1950.00	443625
<u>б</u>	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.3/8" Squar Bars	1602	P Sft	854.35	1368669
10	Repair of aluminium windows <i>i/c</i> replacment of damaged parts with rubber gasket etc complete in all respect as approved by the Engineer incharge.	5	Each	1000	35000
7	Supply and installation anti microbial Hygenic Flooring (With anti bacterial agent) confroming to (iSO : 22196) of sepcified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer Incharge.(Epoxy)	223	P Sft	602	134246
12	Supply and installation premimum graded/ scratch resistant Hygienic anti microbial Hygenic anti-Microbial pvc wall cladding of specified thickness duly thermoplastic welded conforming to ISO 22196) and pasted over 12 mm thick gypsum board with adhesive / solvent fixed over 14 SWG G I Channael of size 3.5"/2X3.5" duly screwed on wall lic the cost of hardwares as approved and directed by the Engineer Incharge.(2.5mm) Thick.	762	P Stt	5250	1714500
13	Supply And installation of clip in tile (0.6 mm-0.7 mm thick) non Porous alumnuimfalse ceiling of specified size fitted with clip in suspension system hanged on concealed T/ shiplap edge / runners @ of 600 mm x 600 mm grid edge trims fastem on wall with pluge & screw @ 500mm c/c cutting charge of tiles to requred size suspension rod & joints sealed in sillicon if required on Dampa /demark as approved by the Engineer Incharge	223	PSf		134246
14	Provision of Counter	2	Each	126579	253158
	P.H PORTION			=	

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# 3	Dasseningion	Amend	ed-Roug	Amended Rough Cost Estimate 2nd Bi 2022	ite 2nd Bi
		Qty	Unit	Rate	Amount
1	2	3	4	5	6
15	Providing and fitting one piece Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP/ rubber connection ,thimble ,normal seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.	7	Each	19987.90	139915
16	Providing and fixing Bathroom Accessories (7-piece set) Master brand - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass <i>i</i> /c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.i) Plastic soap dish ij) Plastic toilet paper holder iii) Plastic tower rail iv) Plastic shelf 60x13 cm (24:x5 ^r) with bracket and railing v) Plastic Brush holder vi) Looking glass with plastic frame vij) Towel ring	2	Each	7600_00	53200
17	Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.Under Counter Vanity Basin	10	Each	733000	73300
2	Providing,laying,testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressureating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe ii)(3/4") 25 mm	650	P.Rft	66.50	43225
10	Providing, laying, testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent ,specials ,making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned).b) PN-20 pipe ii)(1") 32 mm	450	P.Rft	106.90	48105
20		14 25	Each	775.00	10850 73875
8	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyviny) Chloride) Nikasi/ waste pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge. 4" Dia.	320	PR	260.60	83392
23	Providing and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3-NoTee stop cocks ,lever type Basin Mixer,double Bib Cock,open wall shower,Muslim shower,waste coupling and bottle trap etc.complete in all respect as approved and directed by the Engineer incharge.iv) Open Type Wall Shower v) Muslim shower vi) Waste Coupling vii) Bottle Trap i) 3 No Tee Stop Cock (set) ii) Lever Type Basin Mixer iii) Double Bib Cock	л	Each	33004.00	165020
24	Providing / fixing Electric water heater (Geyser) comprising of tark of 14SWG ,GI sheet and external cover of 22 SWG MS sheet ,insulated with 4"thick high density glass wool ,imported thermostat i/c electric rod ,safety valve (Ambassad or / Canon) i/c cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge.ii) 20 Gal capacity	5	Each	19567.80	39136
25		9	Each	2458.35	14750
26	Providing and fitting "P" trap:-i) 10 cm (4") glazed.	13	Each	283.15	3680.95
				Total:-	6406442
	Cride of old Meterial				
-	door	13	Each	800.00	10400
				Total:-	10400
		-			6396042

(Executive Engineer) Buildings Division Narowal

Sub Engineer

1x21-3/4x21-1/2 468 Sft 1x10-1/2x21-3/4 228 7 1x18-1/4x21-3/4 397 7 1x163x10-1/4 1671 7 1x21-1/2x21-3/4 468 7 1x10-1/8x21-3/4 220 7 2x10x5 337 7 2x722 58 7	1-1/2 468 1-3/4 258 1-3/4 397 14 1671 1-3/4 68 1-3/4 168 1-3/4 220 1-3/4 230	 -3/4 14 1-3/4 1-3/4	14 1-3/4 1-3/4	1-3/4	-3/4			1X69X69 1x14-5/8x21-7/12 316 "		2	1x0x10-1/2 1x21 1x21 1x21 1x21 1x21 1x21 1x21 1		1x34-3/4x60 2085 " Total 14333 St			1x2x(10-1/2+21-3/4)x7 452 "		x7	21-3/4)x7	2X2X(10+5)X5 300 " 2X2X(7-2/3+22)X5 593 "			1x2x(21-1/4+10-1/2)x7 445 " 1x2x(8+10-1/2)x7 259 "	/2)×7	1x2x(51+51)x7 1428 " 1x2x(34-34460)x7 1326.5 "	Total	2x5x6	200	2X7-2/3X22 337.04 " 1x10x5 50 "	2X5X6 Tatal: EE0 C44			1x5x5-5/0X1/0 1x5x6-1/2X1/8 4 "	ŝ	1x10x5x1/8 6 " 2x5x6x1/8 8 "	0,470 0,410	zx5xx51/6 8 Cit 1x5x5-5/6x1/8 4 "	1x5x6-1/2x1/8 4 " 2v7-2/3v22v4/8 4 1	2x5x6x1/8 8 "
1 Removing of door	2 Distempering one coat to old surface.	Emergency	Phermacy Ward	Cooridoor	First AD Room	m.C Toilet	Female Toilet	 Ellergency	Room	Opeeration Thator	Emergency	Waiting Are Lobby	Main Hall	3 Preparing surface Emusion paint two coat to old surface after scraping	Ward	Emergency	Phermacy Ward Consident	First AD Room	M.O	romet Female Toilet	 Entergency	Room : .	Opeeration Inator	Emergency	Waiting Are Lobby Main Hall		4 Dismantling glazed or encaustic tiles, etc. bath				5 Dismenting of P.C.C (1:2:4)	bath							

Page 125

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 cut Engineer Incha ~

And and a second se

Itting grinding complete in all respects and as approved and directed by the arge 12"x18"/12"x24"/10"x24"/12"x26 bath 2x5x6 1x5x5-5/6 1x5x6-1/2 2x7-2/3x72
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Total 1x10x5 2x5x6

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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 Incharge12"x18"/12"x24"/10"x24" /8"x24"/12"x36 bath ω

2x2x(5+6)x7		308	£₽
1x2x(5+5-5/6)x7		152	=
1x2x(5+6-1/2)x7		161	=
1x2x5-5/6x7		82	÷
2x2x(7-2/3+22)x7		830	z
2x3x2x6x7		504	z
1x2x(10+5)x7		210	z
2x2x(5+6)x7		308	E
	Total	2555	g
13x2-1/2x7		228	S.
Net Total (2555-228)		2328	Я

P/F openable door comprising of 3mm thick UPVC hollow profile chowkat frame of 60mm x 64mm and leaf frame 60 mm x 106 mm both duly reinforced with G I box frame inside the void with 20 mm wide panel with grooves on both sides i/c the cost of hardwares hinges four bolt and cutting changes on approved & directed by the Engineer incharge. ດ

13x2-1/2x7

ŝ 228 З

228

Total

Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge.3/8" Squar Bars 9

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	0	612 Sft	0	12 5
	96	61:	30	160
				otal
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	68X1(17x6x6	32	
	6	Ę	ŵ	
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			~	
	3	٨	8	

N Repair of atuminium windows it replacment of damaged parts with rubber gasket etc complete in all respect as approved by the Engineer incharge.

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Total

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Supply and installation anti microbial Hygenic Flooring (With anti bacterial agent) confroming to (iSO : 22196) of sepcified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer Incharge. (Epoxy) 12

1x21-1/4x10-1/2 Opeeration Thator

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223

Supply and installation premimum graded/ scratch resistant Hygienic anti microbial Hygenic anti-Microbial pvc wall cladding of specified thickness duly thermoplastic welded conforming to ISO 22196) and pasted over 12 mm thick gypsum board with adhesive / solvent fixed over 14 SWG G I Channael of size 3.5"x2x3.5" duly screwed on wall *lic* the cost of hardwares as approved and directed by the ŝ 223 Total 9

Engineer Incharge.(2.5mm) Thick.

762 762 1x2x(21-1/4+10-1/2)x12 -0

Б

Supply And installation of clip in tile (0.6 mm-0.7 mm thick) non Porous alumnuimfalse celiing of specified size fitted with clip in suspension system hanged on concealed T/ shiplap edge / runners @ of 600 mm x 600 mm grid edge trims fastem on wall with pluge & screw @ 500mm c/c cutting charge of tiles to requred size suspension rod & joints sealed in sillicon if required on Dampa /demark as 5 ŝ 223 Total 1x21-1/4x10-1/2 approved by the Engineer Incharge. Opeeration Thator 4

Provision of Counter 35

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223

Total

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Page 126

P H Portion

- ک ŝ ۶ 뛅 臣 650 450 9 \sim ~ Providing and fitting one piece Europeon Coupled set of Water Closet (WC) and flushing Cistem of PORTA brand (full size) i/c the cost of CP/ rubber connection, thimble, normal seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge. Providing and fixing Bathroom Accessories (7-piece set) Master brand - One Cosmetic Shelf, One Towel rod with bracket, One soap dish, One double hook, One towel ring, brush holder, toilet paper holder & looking glass i/c the cost of hardwares etc complete in all respect as approved and directed by the Engineer incharge.i) Plastic soap dish ii) Plastic toilet paper holder will plastic tower rail iv) Plastic shelf 60x13 cm (24.x5^t) with bracket and railing v) Plastic Brush holder vi) Looking glass with plastic frame vii) Towel ring Providing and fitting glazed earthen ware wash hand basin /vanity 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc. Under Counter Vanity Basin Providing, laying, testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent , specials , making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned), b) PN-20 pipe ii)(3/4") 25 mm Providing, laying, testing and commissioning of POLY PROPYLENERAN DOMCO POLYMER (PPRC) water supply pipe (Dadex / Popular / Betaore quivalent) with specified pressurerating PN (PRESSURENOMINAL) and conforming to DIN8077-8078 code i/c cost of solvent , specials , making jharries complete in all respect as approved and directed by Engineer Incharge. (Internal/External Diameters mentioned), b) PN-20 pipe ii)(1") 32 mm 16 17 18 9 20
- 뛅 320 Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ waste pipe make of Dadex /Popular/Beta or equivalent, plain /socket ended conforming to code EN-1329 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directed by the Engineer Incharge. ß

Providing and fixing chromium plated tee Stop cock: Providing and fixing chromium plated bib cock:

2 23

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4 35

- ŝ ю Providing and fixing CP bath Room Set made of Sonex/ Faisal comprising of 3-NoTee stop cocks Jever type Basin Mixer,double Bib Cock,open wall shower,Muslim shower,waste coupling and bottle trap etc.complete in all respect as approved and directed by the Engineer incharge iv) Open Type Wall Shower v) Muslim shower vi) Waste Coupling vii) Bottle Trap i) 3 No Tee Stop Cock (set) ii) Lever Type Basin Mixer iii) Double Bib Cock 24
 - ĥ N Providing / fixing Electric water heater (Geyser) comprising of tank of 14SWG ,GI sheet and external cover of 22 SWG MS sheet ,insulated with 4"thick high density glass wool ,imported thermostat i/c electric rod ,safety valve (Ambassad or / Canon) i/c cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge.ii) 20 Gal capacity 25
 - ۶ Ŷ 33 G Providing and fitting glazed earthen ware water closet, squatter type (Orisa pattern), combined with foot rest.) coloured roviding and fitting "P" trap:-i) 10 cm (4") glazed. **Cride of old Meterial** 26 27 -
 - 33 door

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Sub Engineer

(Sub Divisional Officer) Buildings Sub Division Narowal

(Executive Engineer) Buildings Division Narowal

<	AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23	k of f Rowal	REVAM L ADP	IPING OF NO .660	F ALL	- DHQ /
	Development of Burial Pit					
# 5	Deserințion	Amend	ied Rough	Amended Rough Cost Estimate 2nd Bi 2022	ate 2nd	i Bi 2022
2		Qty	Unit	Rate		Amount
-	2	e	4	32		6
-	Excavation Of wall of building bridge & other structure i/c compaction lead upto one chain lift 5ft in O/Soil.	5101	%0Cft	10677.75	10	54467
e	P/L Cement Concrete (1:6:18) Ratio 1-1/2" to 2" gage.	33	%Cft	19560.9		6455
4	Pacca brick work (1:6) in F & P.	187	%Cft	30229.6		56567
5	Rehandling of earthwork Lead upto a single throw of Kassi, phaorah or shovel	6511	%0Cft	2539,7		16536
9	Supplying and filling sand under floor or plugging in wells.	82	%Cft	2943.3		2293
2	P/L watering and ramming brick ballast 1-1/2" to 2" gauge with 25%sand mixed.	78	%Cft	9254.4		7211
ø	P/L PCC 1:2:4	234	P %Sft	8942.45		20946
	a) (ii) Reinforced cement concrete in retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast in situ (Formwork on both sides) , complete in all respects:	1037	P Cft	614.2		636925
თ	P/L R.CC in ro	35	P Cft	556.5		19478
10	Febrication of M.S. reinforcement for C.C. i/c cutting,bending laying in position, making joints and fastenings, including cost of binding wire and labour chargesfor binding of steel reinforcement (also includes removal of rust from bars) Deformed Steel (Grade 40).	3285	% Kg	31390		1031220
11	P/L 1/2"thick Mosaic dado or skirting with one part of cement and marble powder in the ratio (3:1)and two parts of marble chips laid over 1/2"thick cement plaster (1:3) including rubbing and polishing. Complete with finishing	468	% Sft	20966		98120
<u>4</u>	Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8"(50x50x10 mm) and %" (20 mm) square bars 4" (100 mm) centre to centre, with locking arrangement.	140	P Sft	2371.75		332045
15	Painting on new suface Preparing surface and painting guard bars, gates of iron b bars, gratings, railing (including standards, braces, etc.) and in similar open work (Three Coat)	280	% sft	1805.25		5055
				Total:-		2287319

Sub Engineer

(Executive Engineer) Buildings Division Narowal AMENDED ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALL DHQ / 15 THQ HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-23

		Ö		σ
	chain litt off in	4840	261	Total:- 5101
Development of Burial Pit	Excervation Ut wall of building bridge & other structure //c compaction lead upto one chain lift bit in O/Soil	1x22x22x10	toe wall 4x21-3/4x1-1/2x2	

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	ซีซี	5	ぢぢ	5	ŝ
	55 8 8				
			Ĩ	Ŧ	<u>.</u> 89
3 P/L Cement Concrete (1:6:18) Ratio 1-1/2" to 2" gage.	Plinth Pro. 4x21-3/4x1-1/2x1/4 33 Total:- 33	4 Pacca brick work (1:6) in F & P.	4x21-3/4x1-1/8x1/4 24 4x21-3/4x3/4x2-1/2 163	5 Rehandling of earthwork Lead upto a single throw of Kassi, phaorah or shovel	same qty 6511

5		£
8/		78 Cft
1X2X(Z1+14-1/Z)X3-1/4X1/3 78 CH	7 P/L watering and ramming brick ballast 1-1/2" to 2" gauge with 25%sand mixed.	1x2x(21+14-1/2)x3-1/4x1/3

6 Supplying and filling sand under floor or plugging in wells.

2:4	
<u> </u>	
õ	
P/L	
œ	

	1x2x(21+14-1/2)x3-1/4	4 234
ay (ii) reminoreed cement concrete in retaining/ Snear walls laid in situ or		
6 precast laid in position, or prestressed members cast in situ (
(c) Type C (nominal mix 1:2:4)		
(i) Upto 9" thick (Avg)		
	2x14-1/2x3/4x10	218
	2x13x3/4x10	195
	4x13x3/4x8	312
	4x13x3/4x8	312
	Total:-	:- 1037

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똜

1x14-1/2x14-1/2x1/2 9 P/L R.CC in roof stab beam lintle column guider other structure (1:2:4) ratio. Slab

5	Б		ธี	
105	105	2	35	
1x14-1/2x14-1/2x1/2	Total:- 105 (2x5x14x1/2	Net Total (1300-70)	
Slab		d/d		

Febrication of M.S reinforcement for C.C. i/c cutting,bending laying in position, making joints and fastenings, including cost of binding wire and labour chargesfor binding of steel reinforcement (also includes removal of rust from bars) Deformed Steel (Grade 40). 9

3285 1072x6.75x0.454 1037+35=1072

2

Sft P/L 1/2 Thick mosaic adoo or skirting with one part or cement and margie powder in the ratio (3:1)and two parts of marble chips laid over 1/2"thick cement plaster (1:3) including rubbing and polishing. Commiste with finishind

468 1x2x(13+13)x9

arrangement. 4

Making and fixing steel grated door with 1/16" thick (1.5mm) sheeting, including angle iron frame 2"x2"x3/8"(50x50x10 mm) and ¾" (20 mm) square bars 4" (100 mm) centre, or the locking

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5 2x5x14

¹⁵ Painting on new suface Preparing surface and painting guard bars, gates of iron bars, gratings, railing (including standards, braces, etc.) and in similar open work (Three Coat) 2x140

Sf

Sub Engineer

(Executive Engineer) Buildings Division Narowal

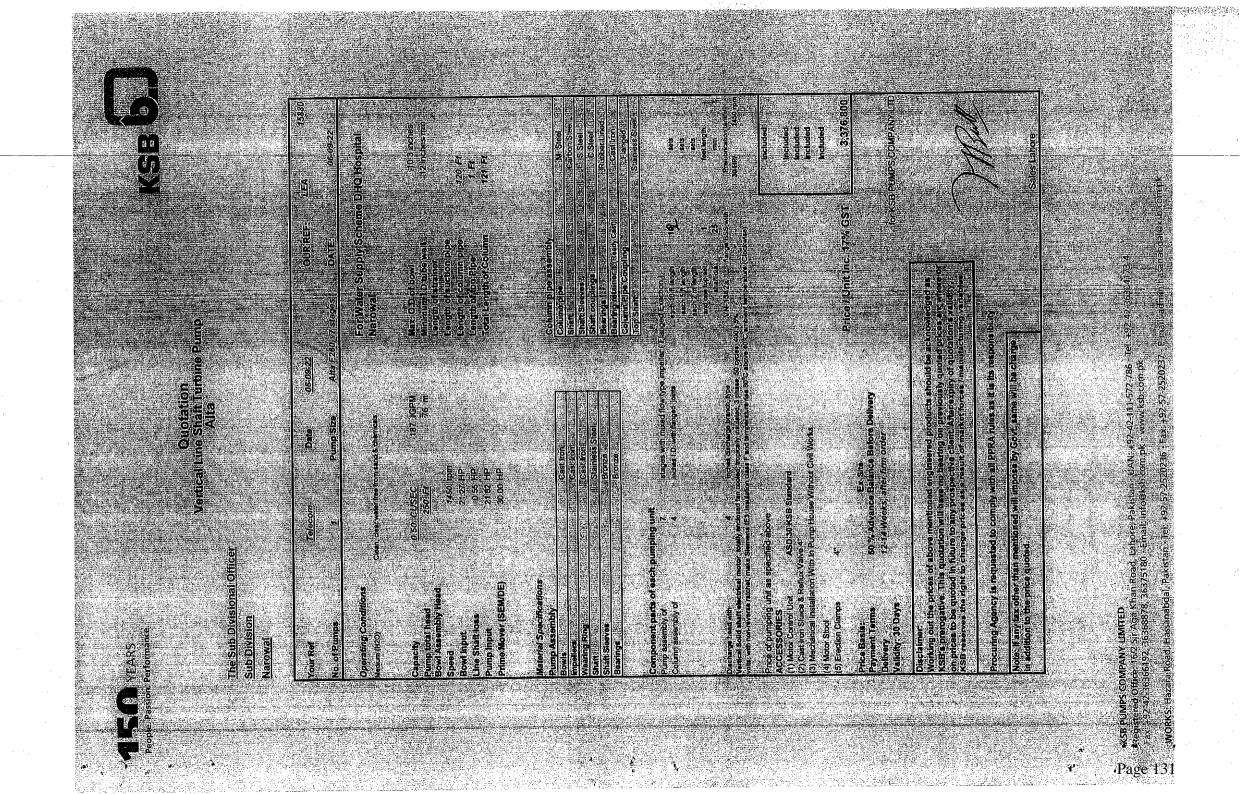
(Sub Divisional Officer) Buildings Sub Division

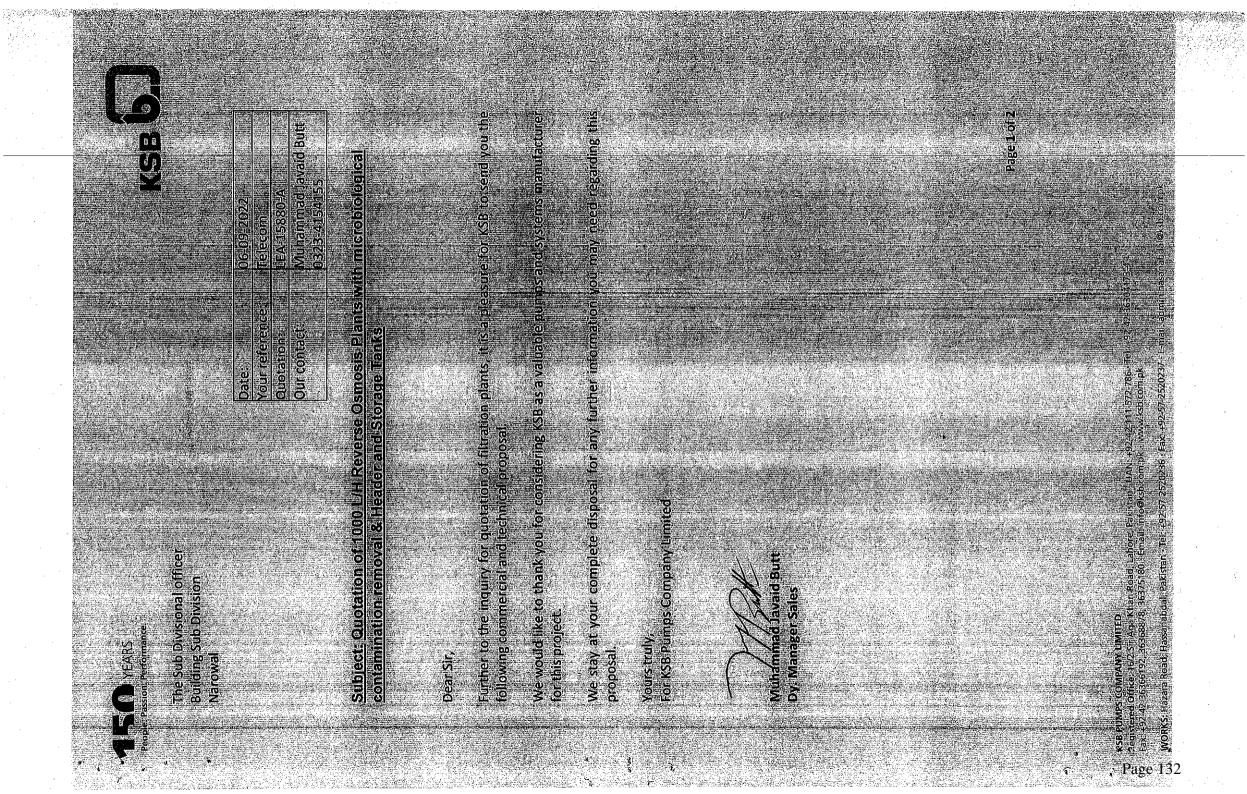
Narowal

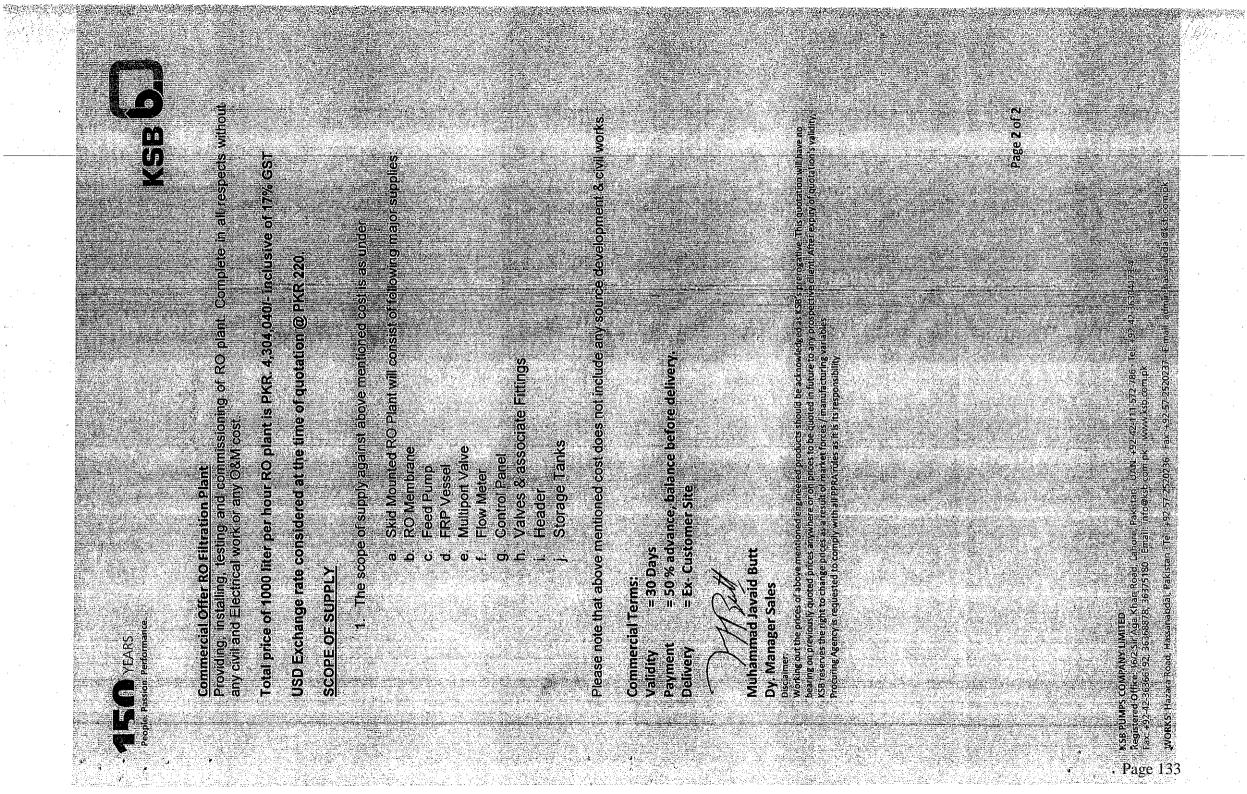
OF ALLL DHQ / 15 THQ	360 FOR THE YEAR 2022-	
ROUGH COST ESTIMATE FOR THE BALANCE WORK OF REVAMPING OF ALLL DHQ / 15 THQ	HOSPITALS IN PUNJAB ONE AT DHQ HOSPITAL NAROWAL ADP NO .660 FOR THE YEAR 2022-	

	23		5	 !	ĺ		
	Provision of Transformer						
~	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and						
	ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m)						
	1x14x12x2	= 336 @ 10677.75		сн К СН	1	3588 /	
2	Cerment concrete brick or stone ballast 1½ " to 2" (40 mm to 50 mm) gauge, in foundation and similar 1.6.13			5	ı	0000	
	1000 active putrice 20102 - 20102 - 20102 - 20102 - 20102 - 20102 - 20102 - 20102 - 20102 - 20102 - 20102 - 201			9			
	2/17/12/17	= 84 @ 10677.75		5%	II	8969 /	4
n	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate):-1:4:8						
	1x14x12x1/3	= 55 © 00000		t t			
4	Pacca brick work 1:6 in O T B-	00 Z0900.90		11) %	11	-/ 248CL	
	1x2x(10+6-1/2)x3/4x6-1/2	= 161		ŧ			
Ľ	Dologowang namang namang na gang dala sa	@ 31314.35		‰ Cft	II	50416 /-	
0	reminorced centent concrete in roor stab, beams, columns initiels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast n situ, complete in all respects:-						
	1x8-1/2x6-1/2x7-1/2	= 414 @ 556.50		5 5 5	JI	230391 /-	. 1
Q	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-	I					
	414x6.75x.454			2°.			
7	1/2" Thick Cement plaster 1:4 On wall	@ 31390.35		Å Å	11	398344 /-	
	1x10x8	= 80		St			
	1x2x(10+8)x5-1/4 T-+-1	=					
	- 0481	32		ы % Sft	II	8732 /-	
	Supply, insattlation, commissioning and testing of oil cooled type, Step down Power Transformer of specified rating,11/0.415 kV, <i>i/c</i> the cost of lifting hooks, thermometers, LT & HT bushing 5-steps, tap changer, imported double float buchholz relay, 2 earthing terminals, roller wheels, connecting terminals for cables M.S box on transformer in order	wer ers, hing rder					
ß	to cover complete L.T side, all necessary materials required for connections on H.T & L.T side, rated voltage 1000/415/240 V impedance 6.25% or as specified by WAPDA/IEC system earth: Delta / Star, neutral solidly earthed, <i>i/c</i> Wapda testing charges,complete n all respects made of PEL, Siemens, as approved and directed by the Engineer Incharoe(xi) 1000 KVA	L.T 1 TEC ten teer	2	0 N			
	Earthing of iron clad/aluminum switches, etc. with G.I. wire No. 8 SWG in G.I. pic	3228947.05 ± 15	7.05			3228947	
6	mm (2°) dia, recessed or on surface of wall and floor, complete with 1.5 metre long G.I. pipe, 50 mm (2") dia with reducing socket 4 to 5 metre below ground level, and 2 metre away from building plinth.	G.I. etre ²	2	Q 2			
		9592.65	65			19185	
9	Supply and erection of 25 mm (1") dia and one metre long ightning conductor copper rod with 5 spikes on ball and base, etc. complete.	rod	4	0 X			
		4274.00	8			8548	
			-	Total;-		3973062 /-	. .
		ADD 3% Cantigency	ntìgen	сy		119192	
				TOTAL		4092254	1
Sub	Sub Divisional Officer Buildings Sub Division		ũ	ecutiv	e Engi	neer	
			ш	Buildings Division Narowal	lings Divis Narowal	sion	

Page 130

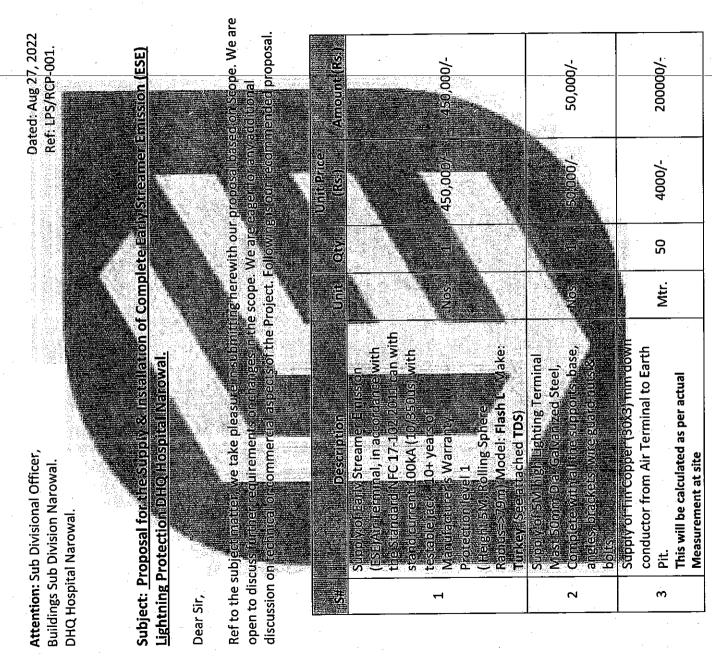








EYELOGY Inc



🔗 3^{ra} Floor Tariq Center Johar Town Lahore 🖂 <u>evelogvinc@gmail.com</u>

Ph: +92(0)322-8092588

Page 134

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EYELOGY Inc.

× Page					
4	Supply of Lightning Strike Counter Make : Turkey	Nos.	1	55000/-	55000/-
ۍ	Supply of Earth Enhance Powder/Gel (20Kg bag)	Nos.	2	15000	-/0000(0E
9	Supply and installation of rod type earthing using 10 ftreopper rod and earth enhancing material to get less than 5 ohm earth resistance	Nos		1000 1000	-/000
~	Supply of Test Clamp to connect the down conductor (surface) pasted) duly clampee with brass alloyed clamp to the earth termination and disconnect the down conductor size.	Nos	N.	00000	-/0000/
∞	resistancevalue. Installation esting & commissioning charges		-	150,000	150 000/-
	Total Amount in Pakistani Rupees(RS	Rupees	2		1,065,000/-
ite: he cost	te: he cost of <u>Copper tape with beas</u> per actual Measurement <u>at site</u>	rement	a Se Se Se Se		
e provi	e provision of scaffoldings and gwil work for the installation of the air terminals and copper tape If be on clients end	nstallatio		e aur terminals	and copper tape

The I will I Note *The

General Terms & Conditions

Payment Term:: 80% Advance with P.O & Remaining 20% @Delivery Delivery: Ex – Stock Make: Jeflash Turkey Warranty: 1 Year warranty from the date of installation. Validity: 3 Weeks

Ph: +92(0)322-8092588

Page 135

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EYELOGY Inc

Quoted Prices are exclusive of all taxes. Assuring you our best services and cooperation all the times

Thanking you in anticipation.

Kind Regards, On behalf of Eyelogy Inc.

Ph: +92(0)322-8092588

ario Center Iohar Town Lahore

🔗 3rd Floor Tariq Center Johar Town Lahore 🔀 <u>evelogyinc@gmail.com</u>

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NEED TO LEAD TO THE POINT OF TH	d -
승규가 있는 것도 같았다. 영국 👘 🖬 정말 :	
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지방 신지 않으며 집 두 옷을	£
Ð	3
이 같이 가지 않는 것이 같이 많이 있다. 전 가지 않는 것이 있다. 같이 같이 있는 것이 같이 있다. 것이 있는 것이 있다. 것이 있다.	
이번 영상에 여기로 물질하는 것같다.	
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	1.1
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이 방송한 방송하는 동물 가격으로 다	
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	<u>).</u>
을 뜻도 잘 듣는 글날까? 한 것 못 하는 것 같아.	
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그가 걸 쓴 흔있는 것 ㅋㅋㅋㅋ 않?	
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이 것 ~ 것 같은 옷 옷 옷 을 을 을 할	
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Mobile #: 0321-4631931 E-mail : info@itbridge.com.pk / patras@itbridge.com.pk Off #: 8, 4th Floor, TELE Tower, Link Road, Model Town, Lahore-Pakistan. Ph # : 0092 (42) 35443273

> \mathfrak{h}_{\sim} To, Sub Divisional Officer, Buildings Sub Division, NAROWAL.

Ref #: ITB/FIRE/DHQ-NAROWAL/01/22Y. Project Ref : DHQ NAROWAL Dated :September 6th, 2022. Page:1/2

QUOTATION FOR ADDRESSABLE FIRE ALARM SYSTEM

Page:1/2 DHQ NAROWAL

Sr.#	Item's Description	Å	Unit	Unit Price	Total Amount
1	ADDRESSABLE PHOTOELECTRIC SMOKE DETECTOR			 	
	Supply and installation of Addressable Photoelectric Smoke detector with Soft addressing, programmable parameters, low current consumption, automatic drift compensation, built-in short circuit isolator and approved from EN 54-5 Standard (Make : POLON ALFA Europe / Siemens Germany / Notifier USA)	492	Each	9,250,00	4,551,000.00
2	ADDRESSABLE HEAT DETECTOR		: : :		
	Supply and installation of multi-sensor two built-in sensors: smoke and heat with soft addressing, programmable temp. class, low current consumption, built-in short circuit isolator and approved from EN 54-7 standard. (Make : POLON ALFA Europe / Siemens Germany / Notifier USA)	2	Each	00'00'6	47,500.00
3	ADDRESSABLE RESETABLE MANUAL CALL POINT				
	Supply and installation of Addressable Resetable Manual Call Point with flush mounting and LED Indication on front side, walt mounting with assembling frame, soft addressing, low current consumption, built-in short circuit isolator and approved shall be from EN 54-11 (type B) Standard. (Make : POLON ALFA Europe / Siemens Germany / Notifier USA)	92	Each	00'06£'6	863,880.00
4	ADDRESSABLE LOOP SOUNDER				
	Supply and installation of Addressable Electronic Loop Sounder with soft addressing, 3 sound patterns, 3 power options (24VDC, 9VDC and 220VAC), Sound level : 85dB, built-in short circuit isolator and will be approved from EN 54-3 and sounder is IP protection rated to IP21. (Make : POLON ALFA Europe / Siemens Germany / Notifier USA)	92	Each	11,630.00	1,069,960.00

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Data Systems

Fire Alarm Panels

Honeywell CCTV/Fire Marm Sys

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OBOUYER Public Address Sys

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Fire Alarm System

Page 2.12 Dec) Macrowold CUDITATION FOR ADDRESSABLE FIRE ALARM SYSTEM CUDITATION FOR ADDRESSABLE FIRE ALARM SYSTEM CUDITATION FOR ADDRESSABLE FIRE ALARM SYSTEM Second Sec	001010100 001010100 001010100 00101010 00101010 000000		Off #: 8, 4th Floor, TELE Tower, Link Road, Model Town, Lahore-Pakistan. Ph #: 0092 (42) 35443273 E-mail : info@itbridge.com.pk	E Towe akistar 73 com.ph	r, Link	Road,	
DUCIATION FOR ADDRESSABLE FIRE ALARM SYSTEM QUCIATION FOR ADDRESSABLE FIRE ALARM SYSTEM QUCIATION FOR ADDRESSABLE FIRE ALARM SYSTEM AUCOP ADDRESSABLE FIRE ALARM SYSTEM Imply and installation of 8 LOOP Addressable Fire ALARM CONTROL PAULE Imply and installation of 8 LOOP Addressable Fire ALARM CONTROL PAULE USDPA ADDRESSABLE FIRE ALARM CONTROL PAULE Imply and installation of 8 LOOP Addressable Fire ALARM CONTROL PAULE UNDER System previous disput 3 suproved shall be previous disput 18, redundancy, fon band; 2000/2000 Violes : POLON ALLA Europe / Stemens Germany, Nostifier USA) 8 Nos. 7.8000/00 1, 1.678, 3300.00 Violes : POLON ALLA Europe / Stemens Germany, Nostifier USA) 8 Nos. 7.8000/00 1, 1.078, 3300.00 Violes : POLON ALLA Europe / Stemens Germany, Nostifier USA) 8 Nos. 7.8000/00 1, 1.078, 3300.00 Violes : POLON ALLA Europe / Stemens Germany, Nostifier USA) 8 Nos. 7.8000/00 1, 1.008 Violes : POLON ALLA Europe / Stemens Germany, Nostifier USA) 8 Nos. 7.8000/00 1, 1.078 Violes : POLON ALLA Europe / Stemens Germany, Nostifier USA) 8 Nos. 7.8000/00 1, 1.00 Violes : POLON ALLA Europe / Stemens Germany, Nostifier USA) 9 Nos. 7.8000/00 1, 1.00 Violes : POLON ALLA Europe / Stemens Germany			• • •	•		-	
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Supply and installation of 8 LOOP Addressalle Fire Alarm Control In monocriabiles I feat	2	8-LOOP ADDRESSABLE FIRE ALARM CONTRO	L PANLE				
INPUT / OUTPUT Module with 4 IN and 4 OUTPUTS. Nos 18,000,00 Kupply of dry chemical powder (DCP) fire extinguisher portable type, 50 Nos. 7,800,00 Supply of dry chemical powder (DCP) fire extinguisher, stored pressure 50 Nos. 7,800,00 Supply of GS size stored pressure, standard version with pressure guage, 50 Nos. 7,800,00 Supply of CO2 type portable OSIGe fire extinguisher, stored pressure 50 Nos. 10,500,00 Supply of CO2 type portable OSIGe fire extinguisher, stored pressure 50 Nos. 10,500,00 Rescharge pip and operating level. (Made in CHINA) 50 Nos. 10,500,00 Rescharge pip and operating level. (Made in CHINA) 50 Nos. 10,500,00 Rescharge pip and operating level. (Made in CHINA) 50 Nos. 10,500,00 Rescharge pip and operating level. (Made in CHINA) 50 Nos. 10,500,00 Rescharge pip and operating level. (Made in CHINA) 50 Nos. 10,500,00 Rescharge pip and operating level. (Made in CHINA) 10,000 200,000,00 200,000,00 Rescharge pip and operating level. Intention.tisstical states standard version with 10,05 10,05		Supply and installation of 8 LOOP Addressable networkable, 3 supervised relay outputs, 2 m supervised signalling lines, redundancy "on bo graphic display, Ingress Protection: IP 30 ratin from EN 54-2 international standard. (Make : POLON ALFA Europe / Siemens Germ.	e Fire Alarm Control onitoring inputs, 2 oard", 240x320pix ng and approved shall be any / Notifier USA)	 	Each	1,678,390,00	1,678,390.00
Supply of dry chemical powder (DCP) file extinguisher portable type,	y y	INPUT / OUTPUT Module with 4 IN and 4 OUT (Make : POLON ALFA Europe / Siemens Germ	TPUTS. lany / Notifier USA)	8	Nos.	18,000.00	144,000.00
Supply of CO2 type portable O3KG fire extinguisher, stored pressure Nos. 10,500,00 readel locking pin to control accidental discharge, rechargeable, seamless body cylinder of carbon steel standard version with discharge pipe and operating leve. Nos. 10,500,00 CHINAD Termination, testing, software Programming with 1 year complete system performance warranty from the manufacturer / Authorized 1 JOB 200,000/00 Dealer. Termination, testing, software Programming with 1 year complete system performance warranty from the manufacturer / Authorized 1 JOB 200,000/00 Dealer. ToTAL AMOUNT WITH GST (General Sales Tax) 1 1 1 1 And the resistance, kindly contact at my cell number 0321-4631931. 1 1 1 1 And the resistance system complete stands. 1 1 1 1 1 1 And the resistance warranty from the manufacturer / Authorized 1 <td< td=""><td>2</td><td>Supply of dry chemical powder (DCP) fire exti 06 KG size stored pressure, standard version v discharge pip and operating level. (Made in C</td><td>inguisher portable type, with pressure guage, CHINA)</td><td>20</td><td>Nos.</td><td>7,800.00</td><td>00.000,005</td></td<>	2	Supply of dry chemical powder (DCP) fire exti 06 KG size stored pressure, standard version v discharge pip and operating level. (Made in C	inguisher portable type, with pressure guage, CHINA)	20	Nos.	7,800.00	00.000,005
Termination, testing, software Programming with 1 year complete system performance warranty from the manufacturer / Authorized 1 JOB 200,000/00 Dealer. TOTAL AMOUNT TOTAL AMOUNT 17% GST 1 Dealer. TOTAL AMOUNT TOTAL AMOUNT 17% GST 1 Image: Total AMOUNT WITH GST (General Sales Tax) 17% GST 1 1 reed any further assistance, kindly contact at my cell number 0321-4631931. 1 1 1 reads, vidge, 321-4631931. 1 1 1 1 ANWAR 1321-4631931. E-mail : info@itbridge.com.pk 1	œ	Supply of CO2 type portable 03KG fire exting model locking pin to control accidental dische seamless body cylinder of carbon steel stand discharge pipe and operating leve. CHINA)	suisher, stored pressure arge, rechargeable, ard version with (Made in	50	Nos.	10,500.00	525,000.00
TOTAL AMOUNT TOTAL AMOUNT TOTAL AMOUNT International and further assistance, kindly contact at my cell number 0321-4631931. 17% GST 1 gards, ridge, 13% GST 1 1 anvan 13% GST 1 1 B311-4631931 / E-mail : info@itbridge.com.pk 1 1 1 B311-4631931 / E-mail : info@itbridge.com.pk 1 1 1 B311-4631931 / E-mail : patras@itbridge.com.pk 1 1 1 1 B311-4631931 / E-mail : patras@itbridge.com.pk 1	6	Termination, testing, software Programming system performance warranty from the manu Dealer.	with 1 year complete ufacturer / Authorized	-	JOB	200,000.00	200,000.00
TOTAL AMOUNT WITH GST (General Sales Tax) Integration of the second						MOUNT 7% GST	9,469,730.00 1 600 854 10
eed any further assistance, kindly contact at my cell number 0321-4631931. aards, idge, 3321-4631931 / E-mail : info@itbridge.com.pk B321-4631931 / E-mail : info@itbridge.com.pk E-mail : patras@itbridge.com.pk E-mail : patras@itbridge.com.pk		TOTAL AMOUNT V	<u> </u>	Tax)			11,079,584.10
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BOUYER NOVS HOREWEI KENTEC Public Address Sys CCTV Systems CCTV/FITE Alarm Sys Fite Alarm Sys	РАТАЅ А (С.Е.О) Cell #: 03	wwAR 21-4631931 / E-mail : info@itbridge.com.pk E-mail : المعلمة الم	- - -				
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Financial Components: Capital **Cost Center:**OTHERS- (OTHERS) **Fund Center (Controlling):**N/A

Grant Number:Government Buildings - (PC12042) LO NO:LO22010100 A/C To be Credited:Account-I

PKR Million

Sr #	Object Code	2025-2026		2026-2027		2027-2028		2028-2029		2029-2030	
		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:LO22010100 A/C To be Credited:Account-I

PKR Million

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

8. <u>ANNUAL OPERATING AND MAINTENANCE COST AFTER COMPLETION</u> <u>OF THE PROJECT</u>

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.

9. DEMAND AND SUPPLY ANALYSIS

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. Gymea and obstetric will also be emphasized upon. In emergency, calamities and natural disasters, valuable lives will be saved through revamping of Emergency Units.

10. FINANCIAL PLAN AND MODE OF FINANCING

10.1 FINANCIAL PLAN EQUITY INFORMATION

10.2 FINANCIAL PLAN DEBT INFORMATION

undefined

10.3 FINANCIAL PLAN GRANT INFORMATION

attached

FINANCIAL PLAN AND MODE OF FINANCING

The project will be executed / financed through Annual Development Program under the Primary and Secondary Healthcare Department, the Government of Punjab.

Revenue Side:

(Rs.in Million)

		(113.111101
	FY 2021-22	FY 2022-23
Funds Released	9.820	10.998
Utilization	8.720	1.507

Capital Side:

	FY 2021-22	FY 2022-23
Funds Released	0.000	5.000
Utilization	0.000	0.000
Balance funds may be prov	ided for com	pletion of the

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

undefined

11.4 ECONOMIC ANALYSIS

IMPACT OF DELAYS ON PROJECT COST AND VIABILITY

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

11.5 FINANCIAL ANALYSIS

FINANCIAL BENEFITS & ANALYSIS

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

The Targets of Sustainable Development Goals (SDGs) will be achieved The Human Development Index of Pakistan (HDI) will improve Infant Mortality Rate will decrease Mother Mortality rate will be decreased The international commitments of Pakistan will be accomplished Health standard of public will Better Health Facilities to mother and Prompt and scientific facility for operation Rehabilitation of disables and injured Blindness in this area will be decreased and controlled Better social and mental health to addict Provision of better health facilities at doorsteps Awareness and control for communicable Survival of heart failure Social indicators of Pakistan will improve

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

11.1.1 FINANCIAL IMPACT:

In the beginning, 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

12. IMPLEMENTATION SCHEDULE

12.1 IMPLEMENTATION SCHEDULE/GANTT CHART

Starting date: 01-07-2021

Expected Completion date: 30-06-2025

12.2 RESULT BASED MONITORING (RBM) INDICATORS

undefined

12.3 IMPLEMENTATION PLAN

undefined

12.4 M&E PLAN

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

12.5 RISK MITIGATION PLAN

attached

RISK REGISTER

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

		•					
	Pre-M	itigation / C	urrent	MITIGATION			
		RISK DATA				ment	
Risk Item No	Risk Description/Event	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		Hospital administration is requested to finalize the scope during joint field visits o 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	 Stoppage of work Performance of the Contractor has affected 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	 Delay in tendering Effect on quality as the Consultant supervision will not take place Inconvenience to the patients 	3	3		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.	 Delays in completion of works Claim requests received by Contractor and Consultant 	3	3	9	Contractor will be asked to depute fully vaccinated labor

12.6 PROCUREMENT PLAN

undefined

13. MANAGEMENT STRUCTURE AND MANPOWER REQUIREMENTS

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

14. ADDITIONAL PROJECTS / DECISIONS REQUIRED

NA

15. CERTIFICATE

Focal Person Name:Mr. KHIZAR HAYAT **Email:**

Fax No:

Designation:Project Director, PMU P&SHD **Tel. 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 <u>DHO Navoural</u> (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) DEPPUTY 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