

PC-1
Revamping of THQ Hospital, Pindi Gheb District Attock

ORIGINAL APPROVED COST	PKR Million. 398.985/-
ORIGINAL APPROVED GESTATION	72 Months Till June 2025
APPROVAL FORUM	DDSC (DDSC)

1. NAME OF THE PROJECT

Revamping of THQ Hospital, Pindi Gheb District Attock

2. LOCATION OF THE PROJECT

- **2.1. DISTRICT(S)**
 - I. ATTOCK

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

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

4. PLAN PROVISION

Sr#	Description
1	Source of Funding: Scheme Listed in ADP CFY
2	Proposed Allocation: 0.000
3	GS No:5292
4	Total Allocation: 0.000
5	Funds Diverted:0.000
6	Balance Funds:0.000
7	Comments: Funded out of block provision reflected at G.S No.658 with an allocation of Rs. 1,800 million (Capital = Rs. 1.300 Million & Revenue = Rs. 500 Million).

5. PROJECT OBJECTIVES

attached

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

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

5.1 Background of Primary & Secondary Healthcare Department

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

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

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

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

Due to lack of structured planning and monitoring, previous efforts did not materialize into an integrated health care regime, rather these have resulted in haphazard construction, poor repair and maintenance, lack of basic amenities, absence of waiting areas, substandard diagnostics and therapeutics, shabby outlook and suboptimal level of patient care over all. Such state of affairs has severely jolted level of trust in health care system by common man and hence the patients prefer to visit tertiary level hospitals or even private health facilities for treatment of even very common pathologies. This subsequently has a cascade effect on socioeconomics of common man who has to spend more in shape of travelling from villages to district headquarters and then bearing costs of private treatment, secondly, this has also increased disease load on our tertiary health care establishments.

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

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

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

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

5.3 Infrastructural Interventions

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

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

Major infrastructural interventions can be divided in the following four categories

- **5.3.1 External Development**
- **5.3.2 Internal Development**
- **5.3.3 Medical Infrastructure Development**
- **5.3.4 Emergencies Development**

5.3.1 External Development

5.3.1.1 External Platforms

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

5.3.1.2 Façade Improvement

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

5.3.1.3 Sewerage System

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

5.3.1.4 Landscaping (Horticulture)

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

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

5.3.1.5 Water Filtration Plant

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

5.3.1.6 External Electrification

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

5.3.1.7 Parking and Waiting area

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

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

5.3.1.8 External Signage

<u>Eexternal signage system</u> is designed including various signage types for complete guidance of patient attendants and to search concerned facility promptly.

5.3.2 Internal development

5.3.2.1 Aesthetic improvement

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

5.3.2.2 Ramp and Stretcher improvement

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

5.3.2.3 Seamless flooring and Lead Lining

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

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

5.3.2.4 Aluminum doors and windows

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

5.3.2.5 Improvement of washroom blocks

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

5.3.2.6 Facilitation of attendants and patients

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

5.3.2.7 Furniture and Fixtures

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

5.3.2.8 Air Conditioners, Refrigerators and LEDs

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

5.3.2.9 Internal Signage and Paintings

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

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

5.3.3 Medical Infrastructure Development

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

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

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

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

5.3.3.1 Emergency Department:

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

5.3.3.1.1 General Overview of Emergency Department

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

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

5.3.3.1.2 Position of Emergency Department

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

5.3.3.1.3 Access towards the Emergency Department

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

5.3.3.1.4 Medical Infrastructure Emergency:

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

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

5.3.3.1.5 General Building Interventions:

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

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

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

5.3.3.2 Monitoring and Quality Assurance (Process Interventions)

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

5.3.3.2.1 MSDS (Minimum Service Delivery Standards)

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

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

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

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

Displays constituting of public serving messages, health related information and general facility related guidelines. In order to monitor effective implementation, compliance monitoring is required to be carried out by field experts which is followed up by further planning to ensure continuous delivery of effective, accessible, continuous and quality services to masses in 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 Strengths, Weaknesses, Opportunities, and Threats (SWOT) analysis and gap identification
- 8. Continuous strategy making and implementation with backup plan for secondary options.
- 9. Responsibility designation for clinical and non-clinical procedures and activities.
- 10. Effective utilization, calibration and maintenance of equipment with record maintenance and their audit
- 11. Establishment of plans, implementation, analysis of gaps with alternate planning regarding fire evacuation plan, hospital inflectional control plan, hospital operational and

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

The PDSA cycle

- 1. Developing a plan to test the change (Plan),
- 2. Carrying out the test (Do),
- 3. Observing and learning from the consequences (Study), and
- 4. Determining what modifications should be made to the test (Act).
- 5. Monitoring effective load sharing of Human resource and equipment within hospitals.
- 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.

5.3.3.3 Laboratory

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

5.3.3.4 X-Ray

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

5.3.3.5 CCU

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

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

5.3.3.6 Dialysis Unit

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

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

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

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

5.3.3.7 <u>Labor Rooms/Nurseries</u>

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

5.3.3.8 Operation Theater

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

5.3.3.9 Orthopedic unit

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

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

5.3.3.10 Gynecology Department

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

5.3.3.11 Surgical Unit

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

5.3.3.12 Intensive Care Unit (ICU)

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

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

An **intensive care unit (ICU)** is a special department of a hospital or health care facility that provides <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.

5.3.3.13 Mortuary Unit

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

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

5.3.3.14 Dental Unit

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

5.3.3.15 Physiotherapy Unit (33 THQ Hospitals)

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

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

Importance of Physiotherapy and Rehabilitation department

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

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

Opportunity Rationale

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

5.3.3.16 Queue Management System (QMS)

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

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

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

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

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

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

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

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

5.3.3.17 Electronic Medical Record (EMR)

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

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

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

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

5.3.3.18 <u>Video Surveillance through CCTVs</u>

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

5.3.3.19 Medicine Store

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

5.3.3.20 Day Care Center

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

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

5.4 Out Sourcing of Non Clinical Services

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

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

5.4.1 Janitorial services

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

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

5.4.2 Laundry Services

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

5.4.3 MEPG Services

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

5.4.4 CT Scan Services

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

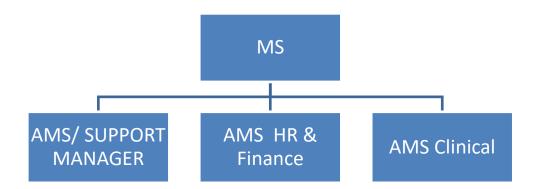
5.4.5 Security

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

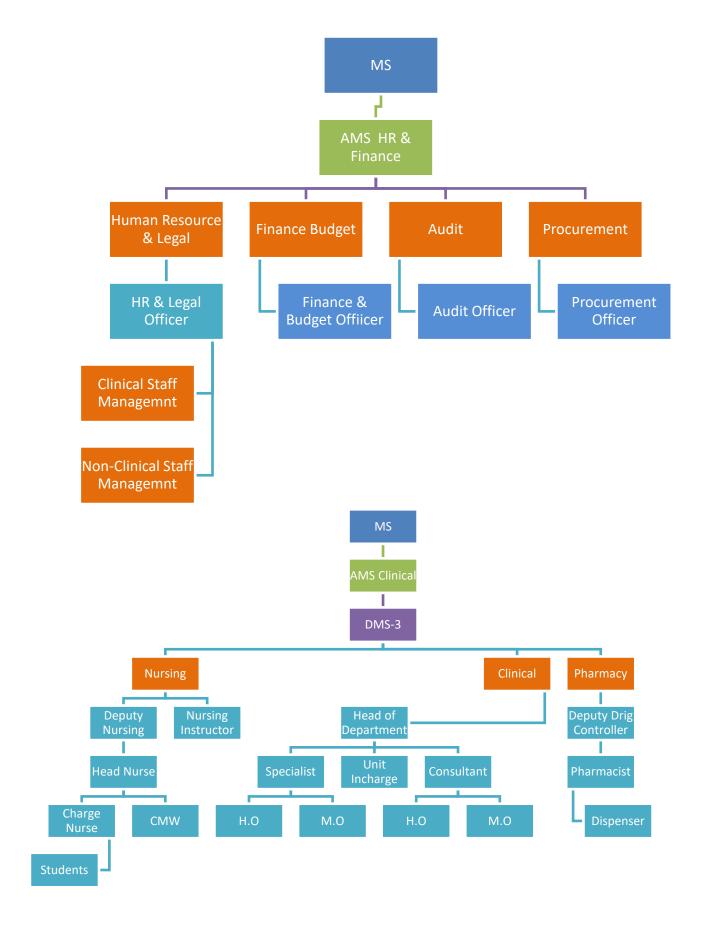
5.6 HR & Management Interventions Structure

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

New Organogram of Hospital



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



5.6.1 <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

5.6.2.1 Medical Superintendent

Shall be overall responsible for all the affairs of the Hospital

5.6.2.2 AMS Admin.

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

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

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

New Management Structure (NMS)

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

5.6.2.3 Admin Officer

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

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

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

Eligibility Criteria

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

5.6.2.4 <u>Human Resource Officer</u>

Shall be responsible for following:

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

5.6.2.5 IT/Statistical Officer

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

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

Eligibility Criteria

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

5.6.2.6 Finance & Budget Officer

Shall be responsible for following:

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

Eigibility Criteria

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

5.6.2.7 Procurement Officer

Shall be responsible for following functions:

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

Eigibility Criteria

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

5.6.2.8 **Quality Assurance Officer**

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

Eligible Criteria

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

OR

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

2. Minimum 1 Year post degree relevant experience.

5.6.2.9 Logistics Officer

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

Eligible Criteria

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

5.6.2.10 Data Entry Operators (DEO)

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

Eligible Criteria

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

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

5.6.2.11 Assistant Admin Officer

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

Eligibility Criteria

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

5.7 HR for QMS and MSDS and Day Care Center.

5.7.1.1 QMS Supervisor / Information Desk Officer

Shall be responsible whole QMS networking

Eligible Criteria

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

5.7.1.2 Computer Operators

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

Eligible Criteria

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

5.7.2 Consultants (MSDS) Implementation & Clinical Audit

Eligible Criteria

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

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

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

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

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

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

5.7.2.2 Objectives

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

5.7.2.3 Scope of Work

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

5.7.2.4 Reporting Arrangements

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

5.7.2.5 <u>Duration of Assignment</u>

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

5.7.2.6 Outputs / Key Deliverables

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

5.7.2.7 Remunerations

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

5.7.2.8 Terms of Payment

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

5.7.3 HR for Day Care Center

5.7.3.1 Manager Day Care Center (DCC)

Shall be responsible for general administrative affairs of DCC.

Eligibility Criteria

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

5.7.3.2 Montessori Trained Teacher

Shall be responsible for basic education of children.

Eligibility Criteria

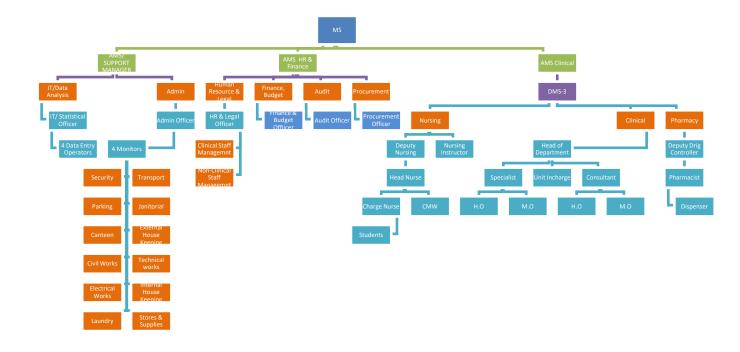
- 1. Minimum qualification BA/BSC or equivalent from HEC recognized University along with B.Ed.
- Minimum 1 years post degree experience of teaching (Additional credit may be given for Public sector teaching of similar nature)

5.7.3.3 Attendant / Care Giver

Shall be responsible for special care of the children.

Eligibility Criteria

Minimum qualification Matric or equivalent alongwith diploma in relevant field



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

Project Pay Scale (PPS)	Revised Project Pay Scales (Permissible Range) (PKR)	Annual Increment Up to % age
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:

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

5.8 Other Initiatives:

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

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

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

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

5.9 Patient Management Protocol

5.9.1 Emergency:

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

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

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

5.9.2 O.P.D:

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

5.9.3 Death or End of Life Management.

- 1. The decision regarding resuscitation is made at the initial stages by the medical officer / house officer or specialist in consultation with the patient himself and / attendants.
- 2. The DNR (Do not resuscitate) patients are only seen by the medical officer/ hose officer at the time of death.
- 3. For the patients to be resuscitated, a special code (blue code) is declared when patient go onto cardiac or the terminal events.
- 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.

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

5.9.4 Inventory Control System

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

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

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

5.9.5 Project Monitoring Committee

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

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

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

5.10 Relationship with Sectoral Objectives

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

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

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

6. DESCRIPTION AND JUSTIFICATION OF PROJECT

6.1 JUSTIFICATION OF PROJECT

attached

1. <u>Description, Justification and Technical Parameters</u>

The scheme has been estimated on face of the factual basic requirements and if needed, alterations and has been quoted in this PC-I. The Population of Pindi Gheb District Attock is more than 0.478 million. The area of the THQ Hospital Pindi Gheb District Attock is 366,503 SFT land.

6.1 Description and Justification

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

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

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

Justification for 3rd Revision of PC-I

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

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

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

- 3. As the gestation period of the PC-I till 30.06.2023, therefore, the cost of NMS has been revised for smooth running of the Tehsil Headquarter Hospitals and hence PC-I has been proposed till 30- 06-2025.
- 4. Infrastructure team has conducted the Joint visits with the team of C&W Department. During the field visits, few alterations were recommended by the technical teams which have been incorporated in the Revised Rough Cost Estimates of the subject scheme and have been attached with the PC-I along with comparative statement. Therefore, Civil works component cost has been decreased from Rs. 163.123 million to Rs. 110.341 million due to few changes in the scope and MRS rates (2nd Bi-annual 2022).

85 THQ Hospitals covered under the Program:

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

PROJECT MANAGEMENT UNIT PRIMARY & SECONDARY HEALTHCARE DEPARTMENT



LOCATION OF DHQ AND THQ HOSPITALS IN PUNJAB



6.2 SECTORAL SPECIFIC INFORMATION

Social Sectors, Health Department

7. CAPITAL COST ESTIMATES

Financial Components: Revenue Grant Number: Development - (PC22036)

Cost Center:OTHERS- (OTHERS) LO NO:LO17011169

Fund Center (Controlling): N/A

A/C To be Credited: Assan Assignment

PKR Million

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

Financial Components: Capital Grant Number: Government Buildings - (PC12042)

Cost Center:OTHERS- (OTHERS)

LO NO:LO22010075

Fund Center (Controlling):LE4203 A/C To be Credited:Account-I

PKR Million

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

Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

8. <u>Annual Operating and Maintenance Cost after Completion of the Project</u>

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

			Abs	trac	t of C	ost						
Name of THQ Hospital					Т	HQ PIN	DI GHE	В				
•		Original		1	st Revise	d	2	nd Revise	ed	3rd Revised		
Scope of work						Cost in	million					
	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total	Capital	Revenue	Total
Capital component												
Internal development	0.000	27.013	27.013	0.000	27.013	27.013	145.475	10.000	155.475	87.330	10.000	97.330
External development	0.000	1.981	1.981	0.000	1.981	1.981	12.718	0.000	12.718	23.011	0.000	23.011
Water filtration plant	0.000	5.600	5.600	0.000	5.600	5.600	4.930	0.000	4.930	0.000	0.000	0.000
Total Capital Component	0.000	34.594	34.594	0.000	34.594	34.594	163.123	10.000	173.123	110.341	10.000	120.341
Revenue component												
Emergency	0.000	21.705	21.705	0.000	21.705	21.705	0.000	29.661	29.661	0.000	40.349	40.349
MSDS	0.000	8.647	8.647	0.000	8.647	8.647	0.000	9.654	9.654	0.000	13.230	13.230
Med. Machinery and Equipment	0.000	72.624	72.624	0.000	72.624	72.624	0.000	99.213	99.213	0.000	112.814	112.814
Electricity	0.000	12.500	12.500	0.000	12.500	12.500	0.000	12.500	12.500	0.000	21.207	21.207
IT & QMS & Surveillance	0.000	14.515	14.515	0.000	14.515	14.515	0.000	16.715	16.715	0.000	20.120	20.120
Furniture and Fixtures	0.000	13.504	13.504	0.000	13.504	13.504	0.000	13.504	13.504	0.000	11.520	11.520
Interior and Exterior decorations/ Signage	0.000	3.302	3.302	0.000	3.302	3.302	0.000	4.695	4.695	0.000	4.695	4.695
Day Care Center	0.000	1.600	1.600	0.000	1.600	1.600	0.000	1.600	1.600	0.000	1.600	1.600
Human resource (HR) plan	0.000	17.220	17.220	0.000	17.220	17.220	0.000	34.860	34.860	0.000	49.168	49.168
LC Deficit during procurement (currency fluctuation)								3.941	3.941		3.941	3.941
Total Revenue component	0.000	165.616	165.616	0.000	165.616	165.616	0.000	226.342	226.342	0.000	278.644	278.644
Outsourcing component												
Janitorial Services	0.000	16.012	16.012	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Security and Parking services	0.000	6.974	6.974	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Laundry Services	0.000	4.200	4.200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Maintenance (Generator)	0.000	2.020	2.020	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
MEP	0.000	4.686	4.686	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Medical Gases	0.000	1.304	1.304	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Cafeteria	0.000	6.743	6.743	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Horticulture services	0.000	5.370	5.370	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total outsourcing cost	0.000	47.310	47.310	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total	0.000	247.520	247.520	0.000	200.210	200.210	163.123	236.342	399.465	110.341	288.644	398.985
Commingency (17%) only on Civil	0.000	0.346	0.346	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Third Party Monitoring (TPM) (1%)	0.000	2.475	2.475	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Third Party Validation (TPV) (1%)	0.000	2.475	2.475	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Grand Total	0.000	252.816	252.816	0.000	200.210	200.210	163.123	236.342	399.465	110.341	288.644	398.985

				Eı	merge	ncy Eq	uipment								
					rigina	I		Revis	ed		Revis	ed	3rd	Revis	ed
Sr. No.	Area	ITEM DESCRIPTION	Yard Stick	Required Quantity (T=5+S=0+E=6)	Actual Unit Price	Actual Total Cost(Rs)									
1	Reception	Table	0	0	99,750	-	0	99,750	-	0	99,750	-	0	99,750	-
2	Area	Chairs	0	0	26,775	-	0	26,775		0	26,775	-	0	30,000	-
3		Computer Data Entry With Printer	1	1	141,750	141,750	1	141,750	141,750	1	141,750	141,750	1	195,000	195,000
4	3	Table (2.5 X 4)*(N)	0	0	101,850	-	0	101,850	-	0	101,850	-	0	101,850	-
5	5	Chairs *(N)	0	0	26,775	-	0	26,775	-	0	26,775	-	0	30,000	-
6		B.p apparatus wall type*(N)	3	5	15,750	78,750	5	15,750	78,750	5	30,000	150,000	5	30,000	150,000
7		Gurney WITH FOOT STEP)*(N)	3	5	420,000	2,100,000	5	420,000	2,100,000	5	460,000	2,300,000	5	460,000	2,300,000
8		Mercury B.P apparatus*(N)	2	4	33,600	134,400	4	33,600	134,400	4	36,000	144,000	4	36,000	144,000
9		Laryngoscope paeds &adult each*(N)	2	4	10,500	42,000	4	10,500	42,000	4	12,000	48,000	4	8,200	32,800
10		Diagnostic set*(N)	1	2	45,150	90,300	2	45,150	90,300	2	50,000	100,000	2	85,000	170,000
11		ECG Machine (with trolley) *(N)	1	2	169,785	339,570	2	169,785	339,570	2	180,000	360,000	2	180,000	360,000
12	Triage area	Central oxygen with accessories FOR each	0	0	420,000	-	0	420,000	-	0	-	-	0	-	-
13		NEBULIZER HD*(N)	2	4	125,265	501,060	4	125,265	501,060	4	215,000	860,000	4	300,000	1,200,000
14		SUCKER MACHINE*(N)	1	2	259,350	518,700	2	259,350	518,700	2	275,000	550,000	2	300,000	600,000
15		Resuscitation Trolley (fully equipped)	1	2	244,733	489,466	2	244,733	489,466	2	400,000	800,000	2	400,000	800,000
16)*(N) INSTRUMENT CABINET*N	1	2	69,300	138,600	2	69,300	138,600	2	69,300	138,600	2	69,300	138,600
17		MEDICINE TROLLY*N	1	2	60,900	121,800	2	60,900	121,800	2	60,900	121,800	2	60,900	121,800
18		O.T table WITH foot step	2	2	1,417,500	2,835,000	2	1,417,500	2,835,000	2	2,000,000	4,000,000	2	2,000,000	4,000,000
19		Anesthesia Machine	1	1	2,509,554	2,509,554	1	2,509,554	2,509,554	1	3,000,000	3,000,000	1	3,000,000	3,000,000
20		Sucker machine	2	2	259,350	518,700	2	259,350	518,700	2	275,000	550,000	2	300,000	600,000
21		Portable O.T Lights	1	1	304,220	304,220	1	304,220	304,220	1	500,000	500,000	1	500,000	500,000
22		Ceiling o.t light	1	1	414,750	414,750	1	414,750	414,750	1	800,000	800,000	1	800,000	800,000
23	Minor O.T	Hot air oven	1	1	110,000	110,000	1	110,000	110,000	1	385,000	385,000	1	450,000	450,000
24		Autoclave	1	1	441,000	441,000	1	441,000	441,000	1	550,000	550,000	1	550,000	550,000
25		Instrument trolley*N	1	1	54,000	54,000	1	54,000	54,000	1	54,000	54,000	1	55,000	55,000
26		Defibrillator*N	1	1	310,000	310,000	1	310,000	310,000	1	650,000	650,000	1	800,000	800,000
27		Instrument cabinet	1	1	69,300	69,300	1	69,300	69,300	1	69,300	69,300	1	69,300	69,300
28		GURNEYS*N	0	0	420,000	-	0	420,000		0	460,000	-	0	460,000	-
29		Sucker machine *(N)	0	0	259,350	-	0	259,350		0	275,000	-	0	300,000	-
30		Nebulizer HD*(N)	0	0	125,265	-	0	125,265	-	0	215,000	-	0	300,000	-
31		Center Oxygen supply*N	0	0	420,000	-	0	420,000	-	0		-	0	-	-
32	Constant /	Resuscitation Trolley (fully equipped))*(N)	0	0	237,618	-	0	237,618	-	0	400,000	-	0	400,000	-
33	specialized	Defibrillator*N	0	0	302,605	-	0	302,605	-	0	650,000	•	0	800,000	-
34	care room	Pulse- oximeter*(N)	0	0	104,000	-	0	104,000	-	0	160,000	-	0	160,000	-
35		Bedside-monitor*(N)	0	0	301,665	-	0	301,665	-	0	550,000	-	0	1,200,000	-
36		ECG MACHINE)*(N)	0	0	169,785	-	0	169,785	-	0	169,785	•	0	169,785	-
37		BP APPARATUS*N	0	0	15,750	-	0	15,750	-	0	16,000	-	0	16,000	-
38		FOOT STEP)*(N)	0	0	3,150	-	0	3,150	-	0	4,000	-	0	5,500	-
39		ATTANDANT BENCH)*(N)	0	0	5,250	-	0	5,250		0	8,000	-	0	10,000	-
40	7	(MOTRIZED BEDS) with accessories (with foot steps*(N)	7	6	210,000	1,260,000	6	210,000	1,260,000	6	400,000	2,400,000	6	600,000	3,600,000
	6	ECG machine(with trolley) *(N)	1	1	169,785	169,785	1	169,785	169,785	1	169,785	169,785	1	169,785	169,785
42		Pulse- oximeter *(N) Bedside-monitor*(N)	6	6	104,000	624,000	6	104,000	624,000	6	160,000	960,000	6	160,000	960,000
44		B.P apparatus wall type *(N)	3	3	301,665	904,995	3	301,665	904,995	3	550,000	1,650,000	3	1,200,000	3,600,000
44	Emergency	Nebulizer HD *(N)	6	6	26,250	157,500	6	26,250	157,500	6	30,000	180,000	6	30,000	180,000
46	ward	Resuscitation Trolley (fully equipped)	1	1	125,265 237,618	250,530 237,618	1	125,265 237,618	250,530 237,618	1	215,000 400,000	430,000 400,000	1	300,000 400,000	600,000 400,000
)*(N)	<u>'</u>		207,010	207,010	'	207,010	201,010	'	400,000	+00,000		400,000	-100 ,

				E	merge	ncy Equ	iipment								
				Original			1st Revised			2nc	l Revis	ed	3rd Revised		
Sr.	Area	ITEM DESCRIPTION	Yard	Required Quantity	Actual Unit		Required Quantity	Actual Unit	Actual Total	Required Quantity	Actual Unit	Actual Total	Required Quantity	Actual Unit	Actual Total
47		Defibrillator*N	1	1	299,153	299,153	1	299,153	299,153	1	650,000	650,000	1	800,000	800,000
48		Sucker machine *(N)	2	2	259,350	518,700	2	259,350	518,700	2	275,000	550,000	2	300,000	600,000
49		Wheal chairs *(N)	0	0	31,500	-	0	31,500	-	0	35,000		0	35,000	-
50		Stretcher *(N)	0	0	69,300	-	0	69,300		0	69,300		0	69,300	-
51		ambo bag paeds with Mask*N	5	5	15,750	78,750	5	15,750	78,750	5	19,000	95,000	5	19,000	95,000
52	Generalized	ambo bag adult with Mask* N	5	5	15,750	78,750	5	15,750	78,750	5	19,000	95,000	5	19,500	97,500
53		patient stool * N	2	2	4,085	8,169	2	4,085	8,169	2	4,500	9,000	2	5,000	10,000
54		Portable x-rays (300 M.A)	1	1	3,450,350	3,450,350	1	3,450,350	3,450,350	1	4,300,000	4,300,000	1	9,800,000	9,800,000
55		Portable ultra-sound	1	1	1,403,325	1,403,325	1	1,403,325	1,403,325	1	1,500,000	1,500,000	1	2,400,000	2,400,000
		Total				21,704,545			21,704,545			29,661,235			40,348,785
						21.705			21.705			29.661			40.349

MSDS

			Origina	al	1s	t Revi	sed	2n	d Revi	sed	3r	d Revi	sed
Sr. No.	ITEM DESCRIPTION	Quantity Required	Actual Unit Price	Actual Total Cost(Rs)									
1	Histology slide boxes	3	3,100	9,299	3	3,100	9,299	3	4,500	13,500	3	4,500	13,500
2	Labeling Device connected with Computer	3	60,000	180,000	3	60,000	180,000	3	80,000	240,000	3	80,000	240,000
3	Safe Transportation Boxes	2	15,750	31,500	2	15,750	31,500	2	18,000	36,000	2	18,000	36,000
4	Portable Safety Exhaust Hood	1	160,000	160,000	1	160,000	160,000	1	250,000	250,000	1	450,000	450,000
5	Centrifuge Machine	0	149,336	-	0	149,336	-	0	250,000	-	0	325,000	-
6	Hot plates	2	26,250	52,500	2	26,250	52,500	2	45,000	90,000	2	55,000	110,000
7	Water bath	1	157,500	157,500	1	157,500	157,500	1	157,500	157,500	1	300,000	300,000
8	Complaint boxes	10	3,150	31,500	10	3,150	31,500	10	3,150	31,500	10	3,150	31,500
9	Spine boards with Neck holders	4	31,080	124,320	4	31,080	124,320	4	31,080	124,320	4	31,080	124,320
10	Sensitometer	1	137,325	137,325	1	137,325	137,325	1	137,325	137,325	1	137,325	137,325
11	Densitometer personal	2	191,391	382,782	2	191,391	382,782	2	191,391	382,782	2	191,391	382,782
12	Box of Films	2	26,250	52,500	2	26,250	52,500	2	30,000	60,000	2	30,000	60,000
13	Aluminium Step Wedge	1	26,250	26,250	1	26,250	26,250	1	26,250	26,250	1	26,250	26,250
14	Non-Mercury thermometer	10	305	3,045	10	305	3,045	10	350	3,500	10	750	7,500
15	Brass or copper mesh screen	2	5,250	10,500	2	5,250	10,500	2	5,250	10,500	2	5,250	10,500
16	Wheel Chairs	0	31,500	-	0	31,500	1	0	35,000		0	35,000	-
17	Statures	0	67,830	-	0	67,830	-	0	75,000	-	0	75,000	-
18	Blood Warmer	3	246,750	740,250	3	246,750	740,250	3	275,000	825,000	3	275,000	825,000
19	Sequence Compression Device	2	210,000	420,000	2	210,000	420,000	2	230,000	460,000	2	600,000	1,200,000
20	Blood Bank Refrigerators with	0	682,500	-	0	682,500	-	0	700,000	-	0	1,469,900	-
21	Data Coder	1	84,000	84,000	1	84,000	84,000	1	100,000	100,000	1	-	-
22	Plasma Separator 1	0	4,200,000	-	0	4,200,000	-	0	4,500,000	-	0	4,500,000	
23	Blood Storage Cabinet	0	682,500	682,500	0	682,500	682,500	0	700,000	700,000	0	1,469,900	1,469,900
24 25	Resuscitation Trolley Ultra sound machine gyne	0	244,733	-	0	244,733	-	0	400,000	-	0	400,000	-
26	Delivery Table	0	1,403,325 47,250	-	0	1,403,325 47,250	-	0	1,700,000 47.250	-	0	2,150,000	
27	Height and weight scale	4	8,400	33,600	4	8.400	33,600	4	10,000	40,000	4	48,500 31,500	126,000
28	Suction Electronic	0	259,350	33,600	0	259,350	33,600	0	275,000	40,000	0	275,000	120,000
29	Fetal Heart Rate Detector	1	144,375	144,375	1	144,375	144,375	1	175,000	175,000	1	175.000	175,000
30	Ambo bag	0	17,325	144,373	0	17,325	144,373	0	19,000	173,000	0	19,000	173,000
31	Neonatal size face mask	4	578	2,310	4	578	2,310	4	1,200	4,800	4	1,500	6,000
32	Exchange transfusion trays	2	10,000	20,000	2	10.000	20,000	2	10,000	20,000	2	12.000	24,000
33	Shoe racks SS	4	39,900	159,600	4	39,900	159,600	4	39,900	159,600	4	30,900	123,600
34	Sterilizer	0	2,940,000	-	0	2,940,000	-	0	3,500,000	-	0	7,800,000	-
35	Washer disinfector	0	-	_	0	-	_	0	-	-	0	-	_
36	Packing table	0	-	-	0	-	-	0	-	-	0	-	-
37	Digital Sealer Printer	1	420,000	420,000	1	420,000	420,000	1	480,000	480,000	1	520,000	520,000
38	Backup Auto Clave	0	441,000	-	0	441,000	-	0	550,000	-	0	789,625	-
39	Racks for Manual	10	21,000	210,000	10	21,000	210,000	10	37,500	375,000	10	56,160	561,600
40	Locked Racks for MSDS Data	2	21,000	42,000	2	21,000	42,000	2	37,500	75,000	2	56,160	112,320
41	Eye Wash Station with shower	3	300,000	900,000	3	300,000	900,000	3	350,000	1,050,000	3	350,000	1,050,000
42	Air Curtain	4	50,190	200,760	4	50,190	200,760	4	60,000	240,000	4	60,000	240,000
43	Fire Sand Buckets with stand	5	15,000	75,000	5	15,000	75,000	5	20,000	100,000	5	8,300	41,500
44	Smoke Detectors	10	7,350	73,500	10	7,350	73,500	10	8,500	85,000	10	8,500	85,000
45	Heat Detector	5	8,400	42,000	5	8,400	42,000	5	10,000	50,000	5	10,000	50,000
46	Gas Detector	5	6,300	31,500	5	6,300	31,500	5	7,500	37,500	5	7,500	37,500
47	Fire Blankets	10	2,783	27,825	10	2,783	27,825	10	3,200	32,000	10	3,200	32,000
48	Fire Alarms	10	5,250	52,500	10	5,250	52,500	10	6,500	65,000	10	6,500	65,000
49	Identification Bands	100	3	315	100	3	315	100	3	300	100	3	300
50	Wet Flooring Signages	0	431	-	0	431	-	0	550	-	0	750	-
51	Key Box	6	8,190	49,140	6	8,190	49,140	6	10,000	60,000	6	7,800	46,800
52	Dehumidifier	0	58,800	-	0	58,800	-	0	70,000	-	0	100,000	-

MSDS

				_	_								
			Origina	al	1s	t Revi	sed	2n	d Revi	sed	3rd	d Revi	sed
Sr. No.	ITEM DESCRIPTION	Quantity Required	Actual Unit Price	Actual Total Cost(Rs)									
53	Tourniquet	4	840	3,360	4	840	3,360	4	850	3,400	4	1,500	6,000
54	LAB SAFETY BOX	2	3,150	6,300	2	3,150	6,300	2	4,000	8,000	2	4,000	8,000
55	densitometer	0	210,000	-	0	210,000	-	0	210,000	-	0	210,000	-
56	vending machine	0	630,000	-	0	630,000	-	0	630,000	-	0	630,000	-
57	Automatic shoe cover machine	2	296,100	592,200	2	296,100	592,200	2	332,500	665,000	2	332,500	665,000
58	Vein Finder	2	630,000	1,260,000	2	630,000	1,260,000	2	630,000	1,260,000	2	630,000	1,260,000
59	Blood Sample Vials (BOXES)	3	13	38	3	13	38	3	15	45	3	15	45
60	Bassinets	5	21,000	105,000	5	21,000	105,000	5	22,000	110,000	5	22,000	110,000
61	Chemical Spill Cleanup kit	2	100,000	200,000	2	100,000	200,000	2	100,000	200,000	2	100,000	200,000
62	Digital Tempurature Humidity Guage	4	15,000	60,000	4	15,000	60,000	4	15,000	60,000	4	15,000	60,000
63	Bio Cleaning and Disinfection System	1	650,000	650,000	1	650,000	650,000	1	650,000	650,000	1	2,200,000	2,200,000
	Total			8,647,094			8,647,094			9,653,822			13,230,242
				8.647			8.647			9.654			13.230

				Ori	iginal			1st R	Revise	d		2nd F	Revise	d		3rd	Revised	k
r. Area	Name of Equipment	Yard Stick	Available Quantity	Required	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cos
	Semi Auto Clinical Chemistry Analyzer	1	0	1	449,295	449,295	0	1	449,295	449,295	0	1	550,000	550,000	0	1	219,300	219,3
2	Hematology Analyzer	1	0	1	427,350	427,350	0	1	427,350	427,350	0	1	550,000	550,000	0	1	750,000	750,0
3	Electrolyte Analyzer	1	0	1	427,350	427,350	0	1	427,350	427,350	0	1	550,000	550,000	0	1	550,000	550,0
1	Blood Gas Analyzer	0	0	0	2,744,858	-	0	0	2,744,858	-	0	0	3,200,000	-	0	0	1,400,000	-
5	Clinical Microscope	1	0	1	132,825	132,825	0	1	132,825	132,825	0	1	180,000	180,000	0	1	250,000	250,0
Laboratory	Water Bath	1	0	1	60,000	60,000	0	1	60,000	60,000	0	1	157,500	157,500	0	1	325,000	325,0
	Hot air Oven	1	0	1	210,000	210,000	0	1	210,000	210,000	0	1	385,000	385,000	0	1	198,315	198,3
3	Distilled water plant	1	0	1	52,500	52,500	0	1	52,500	52,500	0	1	75,000	75,000	0	1	125,000	125,0
9	Auto pipettes	10	0	10	31,500	315,000	0	10	31,500	315,000	0	10	40,500	405,000	0	10	45,000	450,0
0	glass wares	0	0	0	105,000	-	0	0	105,000	-	0	0	105,000	-	0	0	105,000	
1	Centrifuge Machine	2	0	2	149,336	298,673	0	2	149,336	298,673	0	2	250,000	500,000	0	2	250,000	500,0
2	Static X-ray Machine	1	0	1	4,200,000	4,200,000	0	1	4,200,000	4,200,000	0	1	6,000,000	6,000,000	0	1	6,000,000	6,000,0
3	Mobile X-Ray Machine	0	0	0	3,850,524	-	0	0	3,850,524	-	0	0	4,300,000	-	0	0	4,300,000	
4	Computerized Radiography System	0	0	0	4,018,245	-	0	0	4,018,245	-	0	0	4,500,000	-	0	0	4,500,000	
5 V Bauca	Dental X-Ray	0	0	0	282,975	-	0	0	282,975	-	0	0	350,000	-	0	0	525,000	
6 X-Rays	Lead apron and PPE	2	0	2	52,500	105,000	0	2	52,500	105,000	0	2	60,000	120,000	0	2	85,000	170,0
7	Density meter personal (Add)	0	0	0	210,000	-	0	0	210,000	-	0	0	210,000	-	0	0	250,000	
В	Lead glass /shield	0	0	0	105,000	-	0	0	105,000	-	0	0	105,000	-	0	0	150,000	
9	Lead Walls	0	0	0	525,000	-	0	0	525,000	-	0	0	525,000	-	0	0	525,000	
0	Portable/Mobile Ultrasound	0	0	0	1,371,331	-	0	0	1,371,331	-	0	0	1,500,000	-	0	0	2,400,000	
1 Ultrasound	Color Doppler RADIOLOGY	1	0	1	3,698,310	3,698,310	0	1	3,698,310	3,698,310	0	1	4,500,000	4,500,000	0	1	4,500,000	4,500,0
2	ICU MONITOR	2	0	2	301,665	603,330	0	2	301,665	603,330	0	2	900,000	1,800,000	0	2	1,250,000	2,500,
3	Temporary pace maker	0	0	0	315,000	-	0	0	315,000	-	0	0	315,000	-	0	0	550,000	
4	Defibrillator	1	0	1	299,153	299,153	0	1	299,153	299,153	0	1	650,000	650,000	0	1	800,000	800,
5 CCU	ECG Machine Three Channel	2	0	2	169,785	339,570	0	2	169,785	339,570	0	2	169,785	339,570	0	2	169,785	339,
6	ETT Machine	0	0	0	2,021,838	-	0	0	2,021,838	-	0	0	2,200,000	-	0	0	3,000,000	
7	Color doplor CARDIOLOGY	0	0	0	4,681,790	-	0	0	4,681,790	-	0	0	4,800,000	-	0	0	6,000,000	
8	Suction Pump	2	0	2	259,350	518,700	0	2	259,350	518,700	0	2	275,000	550,000	0	2	275,000	550,0
9	Blood Cabinet	1	0	1	690,539	690,539	0	1	690,539	690,539	0	1	700,000	700,000	0	1	700,000	700,0
0 Blood Bank	Centrifuge Machine	2	0	2	149,336	298,673	0	2	149,336	298,673	0	2	250,000	500,000	0	2	250,000	500,0
1	Slide viewer	1	0	1	42,000	42,000	0	1	42,000	42,000	0	1	55,000	55,000	0	1	55,000	55,0
2	Clinical Microscope	1	0	1	132,825	132,825	0	1	132,825	132,825	0	1	180,000	180,000	0	1	250,000	250,0
3 Dialysis Unit	Computerized Hemo Dialysis Machine	5	0	5	1,050,000	5,250,000	0	5	1,050,000	5,250,000	0	5	1,600,000	8,000,000	0	5	3,200,000	16,000,0
(10 beds) 4	Baby Cot	10	0	10	14.669	146.685	0	10	14,669	146.685	0	10	16,000	160,000	0	10	12,699	126.9
5		2	0	2	130,200	260,400	0	2	130,200	260,400	0	2	655.000	1,310,000	0	2	655,000	1,310,0
6	Phototherapy Unit	2	0	2	335,638	671,276	0	2	335,638	671,276	0	2	985,000	1,970,000	0	2	985,000	1,970,0
7 Nursery	Pulse Oximeter	6	0	6	104,500	627,000	0	6	104,500	627,000	0	6	160,000	960,000	0	6	160,000	960.0
8	Infant Incubator	2	0	2	858,932	1,717,864	0	2	858,932	1,717,864	0	2	900,000	1,800,000	0	2	900,000	1,800,0
9	Suction Pump	1	0	1	259,350	259,350	0	1	259,350	259,350	0	1	275,000	275,000	0	1	275,000	275,0
0	Hospital Grade Nebulizer Heavy Duty	2	0	2	125,265	250,530	0	2	125,265	250,530	0	2	215.000	430,000	0	2	300,000	600,
1	Anesthesia Machine with Ventilator	1	0	1	2.509.554	2.509.554	0	1	2.509.554	2,509,554	0	1	3.000.000	3.000.000	0	1	3,000,000	3,000.0
2	BED SIDE PATIENT MONITOR	2	0	2	441,000	882,000	0	2	441,000	882,000	0	2	550,000	1,100,000	0	2	550,000	1,100,
3	Defibrillator	2	0	2	308,713	617,425	0	2	308,713	617,425	0	2	650,000	1,300,000	0	2	800,000	1,600,
4	Electrosurgical Unit	1	0	1	507,530	507,530	0	1	507,530	507,530	0	1	700,000	700,000	0	1	700,000	700.
5	Operation Table	1	0	1	1,426,215	1,426,215	0	1	1,426,215	1,426,215	0	1	2,000,000	2,000,000	0	1	2,000,000	2,000,
6 O.T (04)		1	0	1	413,013	413,013	0		413,013	413,013		1	800,000	800,000	0	1	800,000	2,000, 800.
7	Ceiling Operating Light	1		1	3,465,000	3,465,000		1	3,465,000	3,465,000	0	1	4.000.000	4.000.000	0	1	4.000.000	4.000.
8	STEAM STERILIZER Suction Pump	2	0	2	259,350	518,700	0	2	259,350	518,700	0	2	275,000	550,000	0	2	275,000	4,000, 550,
9	Resuscitation trolley With Crash Cart	2	0	2	259,350	489,466	0	2	259,350	489,466	0	2	400,000	800,000	0	2	400,000	800,
)	mayo table	4	0	4	21,000	84,000	0	4	21,000	84,000		4	23,000	92,000	0	4	13,488	53,
1	-,						-				0		400.000				900,000	900,
2	MOBILE OPERATING LIGHT	1	0	1	304,220	304,220	0	1	304,220	304,220	0	1	2.000.000	400,000	0	1	5,000,000	900,
3	Operation Table ORTHOPEDIC DRILL	0	0	0	1,426,215 1,108,740	-	0	0	1,426,215 1,108,740	 	0	0	1,500,000	-	0	0	4,000,000	-
4 Orthopedic	***************************************	1	0	0	276,250	276,250	0	0	276,250	276,250	0	0	450,000	450,000	0	1	450,000	450,0
5 Orthopedic	Plaster Cutting Pneumatic	_				2/6,250				2/6,250	-			400,000			,	450,0
6	Pneumatic Tourniquets Orthopedic Instruments	0	0	0	262,500 432,623	-	0	0	262,500 432,623	-	0	0	262,500 550,000	-	0	0	300,000 550,000	

				Ori	ginal			1ct D	evise	d		2nd E	Revise	<u> </u>		3r4	Revised	1
0-		Vand	A U - b I -				Accellate			u	Accellate			u	A		Kevised	ı
Sr. Area	Name of Equipment	Yard Stick	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost
57	Portable/Mobile Ultrasound	1	0	1	1,418,958	1,418,958	0	1	1,418,958	1,418,958	0	1	1,500,000	1,500,000	0	1	1,500,000	1,500,000
58	Autoclave	1	0	1	441,000	441,000	0	1	441,000	441,000	0	1	550,000	550,000	0	1	850,000	850,000
59	Delivery Set	10	0	10	31,500	315,000	0	10	31,500	315,000	0	10	40,000	400,000	0	10	16,277	162,770
60	Delivery Table	2	0	2	47,250	94,500	0	2	47,250	94,500	0	2	47,250	94,500	0	2	37,332	74,66
61	BED SIDE PATIENT MONITOR	2	0	2	294,000	588,000	0	2	294,000	588,000	0	2	550,000	1,100,000	0	2	550,000	1,100,000
62 63 Gynea (20	D & C Set	2	0	2	34,650	69,300	0	2	34,650	69,300	0	2	40,000	80,000	0	2	16,135	32,270
beds)	Vaccume Extractor	1	0	1	259,350	259,350	0	1	259,350	259,350	0	1	300,000	300,000	0	1	300,000	300,000
65	CTG Machine ECG Machine Three Channel	1	0	1	628,049 169,785	628,049 169,785	0	1	628,049 169,785	628,049 169,785	0	1	725,000 180,000	725,000 180,000	0	1	725,000 180,000	725,00 180,00
66	Portable O.T Light	2	0	2	304,220	608,440	0	2	304,220	608.440	0	2	400,000	800,000	0	2	400,000	800,00
67	Baby Cot	2	0	2	14,669	29,337	0	2	14,669	29,337	0	2	16,000	32,000	0	2	16,000	32,00
68	Delivery trolly	2	0	2	47,250	94,500	0	2	47,250	94,500	0	2	47,250	94,500	0	2	47,250	94,50
69	Desktop Fetal Heart Rate Detector	1	0	1	144,375	144,375	0	1	144,375	144,375	0	1	175,000	175,000	0	1	175.000	175,00
70	Steam Sterilizer	0	0	0	3,355,849	-	0	0	3,355,849	-	0	0	4,000,000	-	0	0	4.000.000	- 170,000
71	Operation Table	0	0	0	1,426,215	-	0	0	1,426,215	-	0	0	2.000.000	-	0	0	2.000,000	-
72 Surgical	MOBILE OPERATING LIGHT	0	0	0	285,466	_	0	0	285,466	-	0	0	400,000	-	0	0	400,000	
73 Emergency (10	Suction Pump	0	0	0	259,350	-	0	0	259,350	-	0	0	275,000		0	0	275,000	
74 Deas)	Laryngoscope	0	0	0	9,744	-	0	0	9,744	-	0	0	12,000	-	0	0	20,000	-
75	Set of Surgical Instruments	0	0	0	141,750	-	0	0	141,750	-	0	0	160,000	-	0	0	220,000	-
76	Stretcher	10	0	10	68,250	682,500	0	10	68,250	682,500	0	10	69,300	693,000	0	10	33,185	331,850
77	wheel chair	10	0	10	31,500	315,000	0	10	31,500	315,000	0	10	35,000	350,000	0	10	28,503	285,030
78	foot support	6	0	6	4,200	25,200	0	6	4,200	25,200	0	6	4,500	27,000	0	6	5,148	30,88
79	Resuscitation trolly With Crash Cart	5	0	5	237,618	1,188,091	0	5	237,618	1,188,091	0	5	400,000	2,000,000	0	5	400,000	2,000,000
80	BP Appratus	15	0	15	15,750	236,250	0	15	15,750	236,250	0	15	16,000	240,000	0	15	16,000	240,000
81 Others	Ventilator	0	0	0	2,195,080	-	0	0	2,195,080	-	0	0	3,500,000	-	0	0	5,500,000	
82	СРАР	1	0	1	1,098,510	1,098,510	0	1	1,098,510	1,098,510	0	1	2,100,000	2,100,000	0	1	2,800,000	2,800,000
83	X-RAY PROCESSOR	1	0	1	858,440	858,440	0	1	858,440	858,440	0	1	925,000	925,000	0	1	925,000	925,000
84	Hand wash Scrub Double Bay	2	0	2	94,500	189,000	0	2	94,500	189,000	0	2	100,000	200,000	0	2	82,560	165,120
85	Image Inensifier	0	0	0	4,667,460	-	0	0	4,667,460	-	0	0	4,667,460	-	0	0	12,000,000	1
86	Central Medical Gass Pipe Line System	7	0	7	850,000	5,950,000	0	7	850,000	5,950,000	0	7	-	-	0	7	-	٠
87	Motorized Patient bed with bed	4	0	4	210,000	840,000	0	4	210,000	840,000	0	4	400,000	1,600,000	0	4	400,000	1,600,000
88	side,Mattress,IV stand, Attendant Bench Sphygmomanometer wall mtd	4	0	4	15,750	63,000	0	4	15,750	63,000	0	4	30,000	120,000	0	4	35,000	140,000
89	Resuscitation trolly With Crash Cart	2	0	2	244,733	489,466	0	2	244,733	489,466	0	2	400,000	800,000	0	2	400,000	800,000
90	Defibrilator	1	0	1	299,153	299,153	0	1	299,153	299,153	0	1	650,000	650,000	0	1	800,000	800,000
91	Defibrillator with Monitor	0	0	0	330,750	-	0	0	330,750	-	0	0	650,000	-	0	0	800,000	-
92	ECG Machine Three Channel	0	0	0	169,785	-	0	0	169,785	-	0	0	180,000	-	0	0	180.000	
93	Syringe pump	1	0	1	108,780	108,780	0	1	108,780	108,780	0	1	125,000	125,000	0	1	125,000	125,000
94 ICU	Suction Pump	0	0	0	259,350	-	0	0	259,350	-	0	0	275,000	-	0	0	275,000	-
95	ICU Monitor	0	0	0	298,200	-	0	0	298,200	-	0	0	900,000	-	0	0	1,250,000	
96	Instrument Trolley	1	0	1	55,000	55,000	0	1	55,000	55,000	0	1	55,000	55,000	0	1	10,900	10,90
97	Ward instruments	0	0	0	-	-	0	0	-	-	0	0	-	-	0	0	-	-
98	Ventilator intensive care	2	0	2	1,600,000	3,200,000	0	2	1,600,000	3,200,000	0	2	3,500,000	7,000,000	0	2	3,500,000	7,000,000
99	CPAP with humidifier	0	0	0	1,098,510	-	0	0	1,098,510	-	0	0	2,100,000	-	0	0	2,800,000	-
100	DELIVERY TROLLY STAINLESS STEEL	1	0	1	23,835	23,835	0	1	23,835	23,835	0	1	47,250	47,250	0	1	47,250	47,250
101	Ambu-Bag, adult	4	0	4	17,325	69,300	0	4	17,325	69,300	0	4	19,000	76,000	0	4	19,000	76,000
102	Ambu-Bag, paeds	4	0	4	17,325	69,300	0	4	17,325	69,300	0	4	19,000	76,000	0	4	19,000	76,00
MORTUERY	TWO BODY REFRIGERATOR WITH CASTERS 220v 50Hz Along with Atopsy Table & Lifter Trolley	1	0	1	2,470,546	2,470,546	0	1	2,470,546	2,470,546	0	1	3,000,000	3,000,000	0	1	3,000,000	3,000,00
104	Dental Unit	2	0	2	2,190,000	4,380,000	0	2	2,190,000	4,380,000	0	2	2,820,000	5,640,000	0	2	2,820,000	5,640,000
105	Autoclave	1	0	1	441,000	441,000	0	1	441,000	441,000	0	1	550,000	550,000	0	1	550,000	550,000
106	Dental X-RAY Machine	1	0	1	282,975	282,975	0	1	282,975	282,975	0	1	350,000	350,000	0	1	350,000	350,000
107	Digital Intra Oral Camera	0	0	0	94,500	-	0	0	94,500	-	0	0	150,000	-	0	0	600,000	-
108	DENTAL CAUTERY	0	0	0	84,000	-	0	0	84,000	-	0	0	160,000	-	0	0	900,000	-
Dental Unit	Ultrasonic scaling	1	0	1	120,750	120,750	0	1	120,750	120,750	0	1	175,000	175,000	0	1	300,000	300,000
110	Curing lights	1	0	1	52,500	52,500	0	1	52,500	52,500	0	1	95,000	95,000	0	1	150,000	150,000
111	Endo motor system	1	0	1	199,601	199,601	0	1	199,601	199,601	0	1	265,000	265,000	0	1	500,000	500,000

					Me	edical	Equip	ment											
					Ori	ginal			1st R	Revise	d		2nd F	Revise	d		3rd	Revised	Ł
Sr. No.	Area	Name of Equipment	Yard Stick	Available Quantity		Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost	Available Quantity	Required Quantity	Cost per Unit	Total Cost
112		Dental cabinet	0	0	0	42,000	-	0	0	42,000	-	0	0	70,000	-	0	0	160,000	-
113	Ī	Dental examination/surgical instrument sets	4	0	4	157,500	630,000	0	4	157,500	630,000	0	4	175,000	700,000	0	4	175,000	700,000
114		Shortwave diathermy	1	0	1	844,562	844,562	0	1	844,562	844,562	0	1	1,500,000	1,500,000	0	1	1,500,000	1,500,000
115		Infrared Radiation	1	0	1	142,916	142,916	0	1	142,916	142,916	0	1	315,222	315,222	0	1	526,500	526,500
116	1	TENS(Transcutaneous Electrical Nerve Stimulation)	1	0	1	132,577	132,577	0	1	132,577	132,577	0	1	275,000	275,000	0	1	585,000	585,000
117		Treatment couch	4	0	4	10,080	40,320	0	4	10,080	40,320	0	4	75,000	300,000	0	4	760,500	3,042,000
118		A. Electrical Heating Pads	3	0	3	6,300	18,900	0	3	6,300	18,900	0	3	20,000	60,000	0	3	117,000	351,000
119	Ī	B. Hot pack unite	1	0	1	131,782	131,782	0	1	131,782	131,782	0	1	253,485	253,485	0	1	1,053,000	1,053,000
120		C. Paraffin bath	1	0	1	154,082	154,082	0	1	154,082	154,082	0	1	308,071	308,071	0	1	819,000	819,000
121	Physiotherapy	Therapeutic ULTRASOUND unit	1	0	1	141,748	141,748	0	1	141,748	141,748	0	1	275,000	275,000	0	1	819,000	819,000
122		Treadmill	1	0	1	335,111	335,111	0	1	335,111	335,111	0	1	950,000	950,000	0	1	950,000	950,000
123		Mats	1	0	1	75,817	75,817	0	1	75,817	75,817	0	1	150,000	150,000	0	1	292,500	292,500
124		Quadriceps Bench	1	0	1	189,164	189,164	0	1	189,164	189,164	0	1	425,000	425,000	0	1	750,000	750,000
125		Ergometer Cycling	1	0	1	66,087	66,087	0	1	66,087	66,087	0	1	175,000	175,000	0	1	409,500	409,500
126	1	Mirror	1	0	1	24,640	24,640	0	1	24,640	24,640	0	1	45,000	45,000	0	1	400,000	400,000
127		Floor Mounted Parallel Bars	1	0	1	87,821	87,821	0	1	87,821	87,821	0	1	150,000	150,000	0	1	590,000	590,000
128		Pully System	1	0	1	41,826	41,826	0	1	41,826	41,826	0	1	128,594	128,594	0	1	409,500	409,500
129		Trollies Stool(Steel)	4	0	4	2,520 2,520	10,080 10,080	0	4	2,520 2.520	10,080 10.080	0	4	35,000 7.000	140,000 28,000	0	4	50,000 10.000	200,000 40.000
130	Beds	Fowler beds with Mattress	100	0	100	70,000	7,000,000	0	100	70,000	7,000,000	0	100	110,000	11,000,000	0	100	66,800	6,680,000
		Total				-,,	72,623,875			.,	72,623,875			.,,	99,212,691				112,814,369
							72.624				72.624				99.213				112.814

				Elec	tricity								
			Original			1st Revis	ed	2	2nd Revis	ed	,	3rd Revis	ed
Sr. No.	Item Name	Quantity	Per Unit Cost	Total Cost	Quantity	Per Unit Cost	Total Cost	Quantity	Per Unit Cost	Total Cost	Quantity	Per Unit Cost	Total Cost
1	Transformers (200 KVA)	1	600,000	600,000	1	600,000	600,000	1	600,000	600,000	1	600,000	600,000
2	Transformers (100 KVA)	1	450,000	450,000	1	450,000	450,000	1	450,000	450,000	1	450,000	450,000
3	Generator (200 KVA)	0	4,000,000	-	0	4,000,000	-	0	4,000,000	-	1	9,000,000	9,000,000
4	Generator (100 KVA)	1	2,300,000	2,300,000	1	2,300,000	2,300,000	1	2,300,000	2,300,000	1	2,268,000	2,268,000
5	2 Ton air conditioners (split)	17	55,500	943,500	17	55,500	943,500	17	55,500	943,500	17	55,500	943,500
6	2 Ton air conditioners (Cabinet)	25	78,000	1,950,000	25	78,000	1,950,000	25	78,000	1,950,000	25	73,779	1,844,475
7	4 Ton air conditioners (Cabinet)	5	120,000	600,000	5	120,000	600,000	5	120,000	600,000	5	113,949	569,745
8	Ceiling Fans 56"	50	3,090	154,500	50	3,090	154,500	50	3,090	154,500	50	2,655	132,750
10	Bracket Fans 18"	120	3,280	393,600	120	3,280	393,600	120	3,280	393,600	120	2,425	291,000
9	Exhaust Fans	36	3,000	108,000	36	3,000	108,000	36	3,000	108,000	36	3,000	108,000
	Dual Connection of Electricity / Express Line	1	5,000,000	5,000,000	1	5,000,000	5,000,000	1	5,000,000	5,000,000	1	5,000,000	5,000,000
	Total			12,499,600			12,499,600			12,499,600			21,207,470
				12.500			12.500			12.500			21.207

				IT	& QM	IS & Sı	ırveilla	nce					
			Origina	ıl	19	t Revi	sed	2n	d Revi	sed	3r	d Revi	sed
Sr. No.	Item Name	Quantity	Per Unit Cost	Total Cost									
1	Desktop, UPS, LED	30	75,000	2,250,000	30	75,000	2,250,000	30	130,000	3,900,000	30	216,000	6,480,000
2	MS Windows License	30	20,000	600,000	30	20,000	600,000	30	20,000	600,000	30	20,000	600,000
3	Scanner Flatbed with ADF	3	90,000	270,000	3	90,000	270,000	3	150,000	450,000	3	150,000	450,000
4	Heavy duty Printer	7	40,000	280,000	7	40,000	280,000	7	50,000	350,000	7	110,000	770,000
5	Multimedia Projector with Screen	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000
6	Tabs	4	50,000	200,000	4	50,000	200,000	4	50,000	200,000	4	50,000	200,000
7	Laptop	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000
8	MS Windows License	1	20,000	20,000	1	20,000	20,000	1	20,000	20,000	1	20,000	20,000
9	QMS System	1	3,700,000	3,700,000	1	3,700,000	3,700,000	1	4,000,000	4,000,000	1	4,000,000	4,000,000
10	Networking	1	995,000	995,000	1	995,000	995,000	1	995,000	995,000	1	1,200,000	1,200,000
11	Monitoring & Surveillance (CCTV)	1	5,000,000	5,000,000	1	5,000,000	5,000,000	1	5,000,000	5,000,000	1	5,000,000	5,000,000
12	Public Address System	1	1,000,000	1,000,000	1	1,000,000	1,000,000	1	1,000,000	1,000,000	1	1,200,000	1,200,000
	Total			14,515,000			14,515,000			16,715,000			20,120,000
				14.515			14.515			16.715			20.120

Furniture and Fixtures

			Origin	al	19	st Revi	ised	2r	d Rev	ised	3r	d Rev	ised
Sr. No.	Item Name	Quantity	Unit Price	Total									
1	Benches (internal)	60	30,000	1,800,000	60	30,000	1,800,000	60	30,000	1,800,000	60	25800	1,548,000
2	Benches (external)	10	10,000	100,000	10	10,000	100,000	10	10,000	100,000	10	25800	258,000
3	Electric Water Cooler	8	45,000	360,000	8	45,000	360,000	8	45,000	360,000	8	41786	334,288
4	Doctors rooms Furniture	30	70,000	2,100,000	30	70,000	2,100,000	30	70,000	2,100,000	30	59448	1,783,440
5	Examination couches	10	35,000	350,000	10	35,000	350,000	10	35,000	350,000	10	17,800	178,000
6	Fire Blanket	5	2,500	12,500	5	2,500	12,500	5	2,500	12,500	5	3000	15,000
7	Fire Extinguisher (Water Based)	30	8,000	240,000	30	8,000	240,000	30	8,000	240,000	30	2500	75,000
8	Acrylic Board	150	2,200	330,000	150	2,200	330,000	150	2,200	330,000	150	2000	300,000
9	Rostrum	2	18,000	36,000	2	18,000	36,000	2	18,000	36,000	2	18,000	36,000
10	Blinds for windows	6000	150	900,000	6000	150	900,000	6000	150	900,000	6000	150	900,000
11	Paintings	100	6,000	600,000	100	6,000	600,000	100	6,000	600,000	100	5000	500,000
12	Waste Bin Sets (3 bin)	40	6,000	240,000	40	6,000	240,000	40	6,000	240,000	40	6,000	240,000
13	Printing			1,000,000			1,000,000			1,000,000			1,000,000
	Machinery and Equipment's												
14	Refrigerator(Domestic) front glass double door	2	160,000	320,000	2	160,000	320,000	2	160,000	320,000	2	160,000	320,000
15	Refrigerator glass single door	5	80,000	400,000	5	80,000	400,000	5	80,000	400,000	5	78300	391,500
16		5	36,000	180,000	5	36,000	180,000	5	36,000	180,000	5	33978	169,890
17	Air Curtain On Door	5	50,000	250,000	5	50,000	250,000	5	50,000	250,000	5	34786	173,930
18	Washing machines for pantries	3	13,000	39,000	3	13,000	39,000	3	13,000	39,000	3	9967	29,901
19	Gas Burner for pantries	10	4,800	48,000	10	4,800	48,000	10	4,800	48,000	10	4600	46,000
20	Fire Extinguishers DCP	30	4,800	144,000	30	4,800	144,000	30	4,800	144,000	30	4676	140,280
21	LED TV	15	55,000	825,000	15	55,000	825,000	15	55,000	825,000	15	45977	689,655
22	Industrial Exhaust	5	50,000	250,000	5	50,000	250,000	5	50,000	250,000	5	48200	241,000
23	Acrylic Display Board	4	20,000	80,000	4	20,000	80,000	4	20,000	80,000	4	2195	8,780
	Laundry & Washing												
24	Bed Sheets and pillow covers	300	1,250	375,000	300	1,250	375,000	300	1,250	375,000	300	1097	329,100
25	Pillows	150	400	60,000	150	400	60,000	150	400	60,000	150	500	75,000
26	Blankets with covers	100	5,000	500,000	100	5,000	500,000	100	5,000	500,000	100	4998	499,800
	Medicine Store					,			,				
27	Medicine (Iron Racks) 8x6x2 (Required)	20	50,000	1,000,000	20	50,000	1,000,000	20	50,000	1,000,000	20	30888	617,760
28	Moveable Iron Stairs (Required)	2	15,000	30,000	2	15,000	30,000	2	15,000	30,000	2	9360	18,720
29	Lifters (Required)	2	37,000	74,000	2	37,000	74,000	2	37,000	74,000	2	39780	79,560
30	Pallets 3x4 (Plastic) (Required)	20	12,000	240,000	20	12,000	240,000	20	12,000	240,000	20	9711	194,220
	Dehumidifier (Required)	1	100.000	100,000	1	100.000	100,000	1	100.000	100,000	1	125000	125,000
32	Insect Killer (Required)	25	8.000	200,000	25	8.000	200,000	25	8.000	200,000	25	7590	189,750
_	Thermometer (Required)	20	16,000	320,000	20	16.000	320,000	20	16,000	320,000	20	600	12,000
33	Total	20	10,000	13,503,500	20	10,000	13,503,500	20	10,000	13,503,500	20	000	11,519,574
	I Otal			13,503,500			13,503,500			13,503,500			11,519,574

Signage and plaques

			0	rigin	al	1st	Revi	sed	2nd	Rev	ised	3rd	Rev	ised
Sr No	Туре	Kinds of Sign Boards	Quantity	Rates	Cost									
		External Sign Boards												
1	A1	External Platform/Road Signage (Circular)	7	9,812	68,684	7	9,812	68,684	7	13,951	97,657	7	13,951	97,657
2	A2	External Platform/Road Signage (Triangular)	7	8,976	62,832	7	8,976	62,832	7	12,762	89,337	7	12,762	89,337
3	B1	Main Directional Board	1	109,087	109,087	1	109,087	109,087	1	155,107	155,107	1	155,107	155,107
4	C1	Directional Board (Single Sheet)	12	14,016	168,192	12	14,016	168,192	12	19,929	239,148	12	19,929	239,148
5	C2	Directional Board (Two Sheets)	1	21,813	21,813	1	21,813	21,813	1	31,016	31,016	1	31,016	31,016
6		Directional Board (Three Sheets)	1	29,244	29,244	1	29,244	29,244	1	41,581	41,581	1	41,581	41,581
7	C4	Directional Board (Four Sheets)	1	36,114	36,114	1	36,114	36,114	1	51,351	51,351	1	51,351	51,351
8	C5	Directional Board (Five Sheets)	1	43,858	43,858	1	43,858	43,858	1	62,360	62,360	1	62,360	62,360
9	C6	Directional Board (Six Sheets)	1	51,207	51,207	1	51,207	51,207	1	72,810	72,810	1	72,810	72,810
10		Additional Panel (For Fixation on existing Foundation & Posts)	3	7,703	23,109	3	7,703	23,109	3	10,952	32,857	3	10,952	32,857
11	D1	Departmental Signage on Building	7	45,776	320,432	7	45,776	320,432	7	65,087	455,612	7	65,087	455,612
12	E1	External Map Boards	3	39,939	119,817	3	39,939	119,817	3	56,788	170,365	3	56,788	170,365
		Internal Signage	0		-	0		-	0	-	-	0	-	-
1	F1	Internal Hanging Signage (Main Entrance)	5	88,119	440,595	5	88,119	440,595	5	125,294	626,472	5	125,294	626,472
2	F2	Internal Hanging Signage (Main Entrance 2)	5	67,092	335,460	5	67,092	335,460	5	95,396	476,980	5	95,396	476,980
3	F3	Internal Hanging Signage (Corridor)	5	49,689	248,445	5	49,689	248,445	5	70,651	353,255	5	70,651	353,255
4	F4	Internal Hanging Signage (Corridor 2)	5	50,265	251,325	5	50,265	251,325	5	71,470	357,350	5	71,470	357,350
5	G1	Internal Department Signage on wall	7	12,709	88,963	7	12,709	88,963	7	18,071	126,498	7	18,071	126,498
6	H1	Specialist Name Plaques fixed on wall	20	3,653	73,060	20	3,653	73,060	20	5,194	103,880	20	5,194	103,880
7		Room Name Plaques and Numbers fixed on wall	110	840	92,400	110	840	92,400	110	1,194	131,362	110	1,194	131,362
8	K1	Internal Wall Signage	110	1,380	151,800	110	1,380	151,800	110	1,961	215,754	110	1,961	215,754
9	L1	Room Numbers Fixed on Wall	60	3,501	210,060	60	3,501	210,060	60	4,978	298,704	60	4,978	298,704
10	M1	Advance Fire Exit Sign	10	1,782	17,820	10	1,782	17,820	10	2,534	25,340	10	2,534	25,340
11	M2	Fire Exit Sign Mounted Above the Door	10	1,233	12,330	10	1,233	12,330	10	1,753	17,528	10	1,753	17,528
12	N1	Fire Safety/Equipment Signage	20	2,361	47,220	20	2,361	47,220	20	3,357	67,144	20	3,357	67,144
13	P1	Floor Map Board	5	20,449	102,245	5	20,449	102,245	5	29,075	145,376	5	29,075	145,376
14	Q1	Caution Signage	25	2,107	52,675	25	2,107	52,675	25	2,996	74,900	25	2,996	74,900
15	Q2	Caution Signage	5	634	3,170	5	634	3,170	5	902	4,508	5	902	4,508
16	Q3	Caution Signage	10	1,109	11,090	10	1,109	11,090	10	1,576	15,764	10	1,576	15,764
17	Q4	Caution Signage	15	861	12,915	15	861	12,915	15	1,225	18,375	15	1,225	18,375
		Total			3,205,962			3,205,962			4,558,390			4,558,390
		Designing and Site Supervision			96,179			96,179			136,752			136,752
		Grand Total			3,302,141			3,302,141			4,695,142			4,695,142
					3.302			3.302		-	4.695			4.695

		C	Original		1s	t Revised	t	2nd	d Revise	d	3rd	d Revise	t
Sr. No.	ITEMS	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total
1	Cylinder Block	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000
2	Geometrical Cabinet (36 pcs)	1	4,000	4,000	1	4,000	4,000	1	4,000	4,000	1	4,000	4,000
3	Geometrical Solids (10 pcs)	1	2,200	2,200	1	2,200	2,200	1	2,200	2,200	1	2,200	2,200
4	Base for Geometrical Solids (14 pcs)	1	2,000	2,000	1	2,000	2,000	1	2,000	2,000	1	2,000	2,000
5	Constructive Triangles (4 box)	1	400	400	1	400	400	1	400	400	1	400	400
6	Metal Insets (10 - shape)	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000
7	Stand for metal insets	1	2,000	2,000	1	2,000	2,000	1	2,000	2,000	1	2,000	2,000
8	Paper Board for metal insets (10 Boards)	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000
9	Sandpaper Alphabets (English)	3	2,000	6,000	3	2,000	6,000	3	2,000	6,000	3	2,000	6,000
10	Sandpaper Alphabets (Urdu)	3	3,500	10,500	3	3,500	10,500	3	3,500	10,500	3	3,500	10,500
11	Sandpaper Number	3	2,000	6,000	3	2,000	6,000	3	2,000	6,000	3	2,000	6,000
	Hammer Case	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000
13	Soft Reading Book	15	200	3,000	15	200	3,000	15	200	3,000	15	200	3,000
14	Shape Sorting Case	2	500	1,000	2	500	1,000	2	500	1,000	2	500	1,000
15	Transport Set (Model)	2	700	1,400	2	700	1,400	2	700	1,400	2	700	1,400
	Model Puzzles (S)	7	300	2,100	7	300	2,100	7	300	2,100	7	300	2,100
	Model Puzzles (B)	7	500	3,500	7	500	3,500	7	500	3,500	7	500	3,500
_	Storybook	20	100	2,000	20	100	2,000	20	100	2,000	20	100	2,000
19	Information Book (Large)	20	350	7,000	20	350	7,000	20	350	7,000	20	350	7,000
	Basket (L) Basket (S)	10 10	1,000 600	10,000 6,000									
22	Color table Box	2	1,000	2,000	2	1,000	2.000	2	1,000	2,000	2	1.000	2,000
23	ABC Block	4	500	2,000	4	500	2,000	4	500	2,000	4	500	2,000
	Number Block	4	500	2,000	4	500	2,000	4	500	2,000	4	500	2,000
25	Color Pensils (Large)	5	450	2,250	5	450	2,250	5	450	2,250	5	450	2,250
26	Color Crayons (Large)	5	300	1,500	5	300	1,500	5	300	1,500	5	300	1,500
27	Marker Color (Board and Permanent)	15	395	5,925	15	395	5,925	15	395	5,925	15	395	5,925
28	Fruits Basket (Model Set)	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000
29	Vegetables Basket (Model Set)	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000	2	1,000	2,000
30	Animal Sets	2	600	1,200	2	600	1,200	2	600	1,200	2	600	1,200
31	Insects sets	2	400	800	2	400	800	2	400	800	2	400	800
32	Shape Sorting House	2	1,500	3,000	2	1,500	3,000	2	1,500	3,000	2	1,500	3,000
33	Flash card (Small)	10	120	1,200	10	120	1,200	10	120	1,200	10	120	1,200
34	Flash card (Big)	10	325	3,250	10	325	3,250	10	325	3,250	10	325	3,250
35	Sand Play	2	1,000	4,000	2	1,000	4,000	2	1,000	4,000	2	1,000	4,000
36	Gym Play	2	2,000	3,000	2	2,000	3,000	2	2,000	3,000	2	2,000	3,000
37	Straight Mats	20	1,500	40,000	20	1,500	40,000	20	1,500	40,000	20	1,500	40,000
	Folding Mats	20	2,000	6,000	20	2,000	6,000	20	2,000	6,000	20	2,000	6,000
	Diaper Changing Mats	3	300	1,500	3	300	1,500	3	300	1,500	3	300	1,500
40	Cube Cushion	2	500	1,000	2	500	1,000	2	500	1,000	2	500	1,000
41	Square Cushion	2	500	600	2	500	600	2	500	600	2	500	600
	Baby Mirror	3	300	2,400	3	300	2,400	3	300	2,400	3	300	2,400
	Pink Tower With Stand	1	800	500	1	800	500	1	800	500	1	800	500
44	Dressing Frames	10	500	8,000	10	500	8,000	10	500	8,000	10	500	8,000
45	Monkey Stuffed	2	800	2,400	2	800	2,400	2	800	2,400	2	800	2,400
46	Lion Stuffed	2	1,200	3,400	2	1,200	3,400	2	1,200	3,400	2	1,200	3,400

		C	Original		1s	t Revised	t	2nd	d Revise	d	3rd	d Revised	t
Sr. No.	ITEMS	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total
47	Cater Pillar Stuffed	2	1,700	3,000	2	1,700	3,000	2	1,700	3,000	2	1,700	3,000
	Stuffed toys (Animal shaped i.e. Moneky, lion, caterpillar etc)	6	1,500	9,000	6	1,500	9,000	6	1,500	9,000	6	1,500	9,000
49	Long Roads with Stands	1	1,500	1,500	1	1,500	1,500	1	1,500	1,500	1	1,500	1,500
50	Number Rods	1	500	500	1	500	500	1	500	500	1	500	500
51	Stand Number Rods	1	800	800	1	800	800	1	800	800	1	800	800

		•	Original		1s	t Revised	t	2n	d Revise	d	3rd	d Revised	t
Sr. No.	ITEMS	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total
52	Soft toys	2	700	1,400	2	700	1,400	2	700	1,400	2	700	1,400
53	Infants Manual Weight Machine	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000	1	1,000	1,000
54	Toddlers Manual Weight Machine	1	1,000	1,000	11	1,000	1,000	11	1,000	1,000	11	1,000	1,000
55	Tri Cycles	4	3,500	14,000	4	3,500	14,000	4	3,500	14,000	4	3,500	14,000
56	Wooden Cots	10	10,000	100,000	10	10,000	100,000	10	10,000	100,000	10	10,000	100,000
57	Mattresses for Cots	10	1,200	12,000	10	1,200	12,000	10	1,200	12,000	10	1,200	12,000
58	Pillows	10	300	3,000	10	300	3,000	10	300	3,000	10	300	3,000
59	Bed Sheets and pillow covers	20	400	8,000	20	400	8,000	20	400	8,000	20	400	8,000
60	Nets	10	600	6,000	10	600	6,000	10	600	6,000	10	600	6,000
61	High Chairs for feeding	15	3,000	45,000	15	3,000	45,000	15	3,000	45,000	15	3,000	45,000
62	Rockers Cum Bouncer	8	2,500	20,000	8	2,500	20,000	8	2,500	20,000	8	2,500	20,000
63	Cot Mobile	10	1,500	15,000	10	1,500	15,000	10	1,500	15,000	10	1,500	15,000
64	Plastic Chairs (Round edges Animal Shapes)	7	600	4,200	7	600	4,200	7	600	4,200	7	600	4,200
65	Multi-Purpose Table	2	3,000	6,000	2	3,000	6,000	2	3,000	6,000	2	3,000	6,000
66	Writing Board	1	500	500	1	500	500	1	500	500	1	500	500
67	Electric Sterilizer	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
68	Electric Warmer	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
69	Table sets	2	4,000	8,000	2	4,000	8,000	2	4,000	8,000	2	4,000	8,000
70	Rocker	6	3,200	19,200	6	3,200	19,200	6	3,200	19,200	6	3,200	19,200
71	Activity Gym (Infants)	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000
72	Play Gym	5	2,700	13,500	5	2,700	13,500	5	2,700	13,500	5	2,700	13,500
73	Activity Gym (Toddlers)	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000	5	2,000	10,000
74	Toiler Training Seat	10	3,000	30,000	10	3,000	30,000	10	3,000	30,000	10	3,000	30,000
75	Infant Toys	30	4,000	120,000	30	4,000	120,000	30	4,000	120,000	30	4,000	120,000
76	Bath Toys	15	1,000	15,000	15	1,000	15,000	15	1,000	15,000	15	1,000	15,000
77	Fun Links Teether	15	300	4,500	15	300	4,500	15	300	4,500	15	300	4,500
78	Fun Pal Teether	15	500	7,500	15	500	7,500	15	500	7,500	15	500	7,500
79	Fun Rattle	15	400	6,000	15	400	6,000	15	400	6,000	15	400	6,000
80	Mother feeding Chair	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000	1	3,000	3,000
81	Soft Books (duplication)	20	500	10,000	20	500	10,000	20	500	10,000	20	500	10,000
82	Bottle Brushes	3	300	900	3	300	900	3	300	900	3	300	900
	of others Items i.e. Kitchen, Office,	Electric items		-								44.000	
1	Water Dispenser	1	14,000	14,000	1	14,000	14,000	1	14,000	14,000	1	14,000	14,000
3	Microwave Oven	<u> </u>	12,400	12,400	<u>1</u> 1	12,400	12,400	<u>1</u> 1	12,400	12,400	<u>1</u> 1	12,400	12,400
	Fridge		34,000	34,000		34,000	34,000		34,000	34,000		34,000	34,000
4	Kitchen Accessories / Cutleries etc.	24	200	4,800	24	200	4,800	24	200	4,800	24	200	4,800
5	Sofa Set	1	40,000	40,000	1	40,000	40,000	1	40,000	40,000	1	40,000	40,000
6	Office Table	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000
7	Office Chairs	5	10,000	50,000	5	10,000	50,000	5	10,000	50,000	5	10,000	50,000
8	Air Conditioner	2	42,000	84,000	2	42,000	84,000	2	42,000	84,000	2	42,000	84,000
9	LCD	1	27,000	27,000	1	27,000	27,000	1	27,000	27,000	1	27,000	27,000
10	DVD player	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000	1	5,000	5,000
11	CCTV Cameras	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000
12	Fire Alarms	3	5,000	15,000	3	5,000	15,000	3	5,000	15,000	3	5,000	15,000
13	UPS	1	10,000	10,000	1	10,000	10,000	1	10,000	10,000	1	10,000	10,000
14	Vacuum Cleaner	1	7,000	7,000	1	7,000	7,000	1	7,000	7,000	1	7,000	7,000
15	Fire Extinguishers (Large)	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
16	Electric Insect Killer	2	7.800	15,600	2	7.800	15.600	2	7.800	15,600	2	7.800	15,600

		C	Original		1st	t Revise	d	2nd	d Revise	d	3rd	d Revise	d
Sr. No.	ITEMS	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total	Yard Stick (DCC of 25 Kids)	Unit Cost	Total
17	Electric Hand Dryer	1	4,000	4,000	1	4,000	4,000	1	4,000	4,000	1	4,000	4,000
18	Electric Heater	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000	2	5,000	10,000
19	Ceiling/bracket Fans	4	8,000	32,000	4	8,000	32,000	4	8,000	32,000	4	8,000	32,000
20	Curtains	2	45,000	90,000	2	45,000	90,000	2	45,000	90,000	2	45,000	90,000
21	Carpets	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000	1	100,000	100,000
22	Other miscellaneous items	1	218,675	218,675	1	218,675	218,675	1	218,675	218,675	1	218,675	218,675
	TOTAL			1,600,000			1,600,000			1,600,000			1,600,000
				1.600			1.600			1.600			1.600

			Hur	nan Re	esource	e Model	of THO	Q Hosp	ital									
			Orig	inal			1st Re	vised			2nd R	evised				3rd Re	vised	
Sr. No.	NAME OF POST	No. of Employees	Per Month Salary	Per Month Salary for Person	Salary for One Year	No. of Employees	Per Month Salary	Per Month Salary for Person	Salary for One Year	No. of Employees	Per Month Salary	Per Month Salary for Person	Salary for Two Years	No. of Emplyees	Project Pay Scale	Per Month Salary	Per Month Salary for all Person	Salary for Two Years
1	ADMIN OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
2	HUMAN RESOURCE & LEGAL OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
3	IT/STATISTICAL OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
4	FINANCE, BUDGET & AUDIT OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
5	PROCUREMENT OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
6	QUALITY ASSURANCE OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
7	LOGISTICS OFFICER	1	60,000	60,000	720,000	1	60,000	60,000	720,000	1	80,000	80,000	1,920,000	1	6	105,000	105,000	3,255,000
8	DATA ENTRY OPERAOTOR (DEO)	2	25,000	50,000	600,000	2	25,000	50,000	600,000	2	35,000	70,000	1,680,000	2	3	44,000	88,000	2,728,000
9	ASSISTANT ADMIN OFFICER	2	40,000	80,000	960,000	2	40,000	80,000	960,000	2	50,000	100,000	2,400,000	2	5	70,000	140,000	4,340,000
10	HR FOR QMS and MSDS and Day Care Center																	
11	QMS Supervisor / Information Desk Officer	2	25,000	50,000	600,000	2	25,000	50,000	600,000	2	25,000	50,000	600,000	2		25,000	50,000	600,000
12	Computer Operator	8	20,000	160,000	1,920,000	8	20,000	160,000	1,920,000	8	20,000	160,000	1,920,000	8		20,000	160,000	1,920,000
	Implementation & Clinical Audit	1	100,000	100,000	1,200,000	1	100,000	100,000	1,200,000	1	100,000	100,000	1,200,000	1		100,000	100,000	1,200,000
	Training on MSDS Compliance for Staff of THQ Hospital	1000	4,000	4,000,000	4,000,000	1000	4,000	4,000,000	4,000,000	1000	4,000	4,000,000	4,000,000	1000		4,000	4,000,000	4,000,000
15					500,000				500,000				500,000				0	500,000
16		1	45,000	45,000	540,000	1	45,000	45,000	540,000	1	45,000	45,000	540,000	1	_	45,000	45,000	540,000
	Montessori Trained Teacher	1	35,000	35,000	420,000	1	35,000	35,000	420,000	1	35,000	35,000	420,000	1	_	35,000	35,000	420,000
18		4	25,000	100,000	1,200,000	4	25,000	100,000	1,200,000	4	25,000	100,000	1,200,000	4	_	25,000	100,000	1,200,000
19		1 1	20,000	20,000	240,000	1	20,000	20,000	240,000	1	20,000	20,000	240,000	1		20,000	20,000	240,000
	Sub Total of HI	R Model		4,860,000	17,220,000			4,860,000	17,220,000			5,040,000	28,140,000				5,273,000	
					17.220				17.220				28.140					40.473
	Utilization of HR C								6.720				8.69]			
	Total of HR Cor	mponent]									34.86					49.168

	Jar	nitoria	al Serv	vices
	(Origir	nal	From 1st Revised to onward
Assumptions Covered area excluding residential area	57,223	sft		In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D
Covered area assigned to one sweeper	7,500	sft		Board; it was inter alia decided as under:
Number of sweepers required for covered area	8	Persons		"It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".
Road and ROW area	99,310	sft		In view of above, Outsourcing cost has been excluded from this PC-I.
Road and ROW assigned to one sweeper	15,000	sft		in view of above, Outsourcing cost has been excluded from this FC-1.
Number of sweepers required for road and ROW area	7	Persons		
Number of washroom blocks	10	blocks		
Number of washroom block assigned to one sweeper	3	Persons		
Number of sweepers required for total washroom blocks	3	Persons		
Total sweeper in morning shift	18	Persons		
Total number of sweepers in evening shift	9	Persons		
Total number of sweepers in night shift	9	Persons		
Total number of sweepers in all shifts	36	Persons		
Number of sewer men required	3	Persons		
Number of supervisors	3	Persons		
Salary component				
Type of worker	No of	Salary per	Salary for	
	workers	month	One Year	
Sweepers / Janitors	36	22,000	9,484,499	
Sewer men	3	22,000	792,000	
Supervisors	3	26,000	936,000	
Cost of Supply per Month		400,000	4,800,000	
Sub Total (Salary component)			16,012,499	
			16.012	

	9	Secu	rity an	d Park	king
		Ori	ginal		From 1st Revised to onward
Assumptions	-				In the light of decision made during the Progress Review Meeting of
Covered area excluding residences	57,223				Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the
Covered Area per guard	15,000				Chairmanship of Chairman, P&D Board; it was inter alia decided as
Number of guards	4				under:
Open area excluding parking area	99,310				"It would be made sure by the P&SH Department that the
Area covered per guard per shift for	45.000				outsourcing would be shifted to the non-development side from 1st July 2018 next FY".
open area excluding parking	15,000				Ist July 2018 next F Y In view of above, Outsourcing cost has been excluded from this PC-I
Number of guards for total area	_				in view of above, Outsourcing cost has been excluded from this PC-1
excluding parking area	7				
Number of gates	2				
Number of guards at gates	4				
Total No of Guard	14				
Total number of all guards for second					
shift	7				
Lady Searcher	4				
Number of parking areas	1				
Number of guards for parking lot per	· ·				
shift (Morning+ Evening)	2				
Total no. of Supervisors	2				
Type of worker	No of workers	Salary per month	Salary per Month for all Person	Salary for One year	
Supervisors	2	24.675	49,350	592,200	
Ex-Army	7	21,525	150,675	1,808,100]
Civilian	12	21,000	252,000	3,024,000	
Lady Searcher	4	21,525	86,100	1,033,200	
Parking	2	21,525	43,050	516,600	
Sub total				6,974,100	
Equipment cost					
Lump sum Provision (Walk Through					1
Gate=1, Metal Detector=5, Walkies			1	500,000	
Talkies=10, Base Set=1)					
Sub total				500,000	1
Subtracting Parking Fees				500,000	1
Total Security and Parking Services				6,974,100	1
,	1		1	6.974	1

Number of beds Type of Item No of Beds No of Bed 100 No of Bed 100 30,000 3,000,000 Transport Charges Total for laundry items Total 1 In the light of decision made during the Progress Review Meeting of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship Chairman, P&D Board; it was inter alia decided as under: "It would be made sure by the P&SH Department that the outsout be shifted to the non-development side from 1st July 2018 next FY					ervices From 1st Revised to onwa			
Type of Item No of Beds No of Beds No of Bed 100 30,000 30,000 Transport Charges Total for laundry items No of Item No of Bed 100 30,000 30,000 30,000 100 100 100 100 100 100 100 100 10		'	Origin	ıaı	THORITIST INEVISED TO OTHER			
Type of Item No of Beds No of Bed 100 30,000 3,000,000 Transport Charges Total for laundry items Total To	Number of beds	100						
No of Bed 100 30,000 3,000,000 of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship Transport Charges 1,200,000 Chairman, P&D Board; it was inter alia decided as under: Total 4,200,000 be shifted to the non-development side from 1st July 2018 next FY	Type of Item		cost per	Total Cost	In the light of decision made during the Progress Paview Meeting of E			
Transport Charges 1,200,000 Chairman, P&D Board; it was inter alia decided as under: Total for laundry items 4,200,000 "It would be made sure by the P&SH Department that the outsou be shifted to the non-development side from 1st July 2018 next FY."	No of Bed	100	30,000	3,000,000				
Total be shifted to the non-development side from 1st July 2018 next Fy	Transport Charges							
	Total for laundry items			4,200,000	"It would be made sure by the P&SH Department that the outsourc			
In view of above Outsourcing cost has been excluded from this PC-	Total			4.200	be shifted to the non-development side from 1st July 2018 next FY'' In view of above, Outsourcing cost has been excluded from this PC-I.			

	Mair	ntenai	nce of	f Generator
		Origin	al	From 1st Revised to onward
Item Name	Quantity	Cost per year	Total Cost	
Periodical Maintenance Cost				
Number of Generators (200 KVA)	-	500,000	-	
Number of Generators (100 KVA)	-	300,000		
Number of Generators (50 KVA)	2	175,000	350,000	DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board;
Repairs Cost	1	350,000	350,000	it was inter alia decided as under:
HR Cost				"It would be made sure by the P&SH Department that the outsourcing would be shifted to the non-development side from 1st July 2018 next FY".
Supervisor	1	40,000	240,000	In view of above, Outsourcing cost has been excluded from this PC-I.
Generator Operator	3	30,000	1,080,000	in view of above, outsourcing cost has been excluded from this r e-r.
Technical Staff/Mechanic	-	30,000 -		
Total			2,020,000	
		•	2.020	

				MEI	P
		Ori	ginal		From 1st Revised to onward
Type of worker / Component	No of workers	Salary per month	Salary per Month for all persons	Salary for One Year	In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under: "It would be made sure by the P&SH Department that the outsourcing would
Supervisors	1	56,420	56,420	677,040	be shifted to the non-development side from 1st July 2018 next FY".
Plumber	1	32,550	32,550	390,600	In view of above, Outsourcing cost has been excluded from this PC-I.
AC/ Technician	1	34,720	34,720	416,640	
Electrician	2	31,465	62,930	755,160	
Car painter	1	30,380	30,380	364,560	
Total (Salary componer	nt)		217,000	2,604,000	
	No.	Per Unit Cost per Year	Cost per Year for all Items	Cost for One Year	
A/C	200	6,665	1,333,000	1,333,000	
Fridge	10	4,000	40,000	40,000	
UPS	15	8,000	120,000	120,000	
Water Cooler	20	4,000	80,000	80,000	
Exhaust	10	3,000	30,000	30,000	
Geyser	20	4,000	80,000	80,000	
Water Pump	8	3,000	24,000	24,000	
Carpentry Work		-	180,000	180,000	
Electrical Work		-	120,000	120,000	
Plumbing Work		-	75,000	75,000	
Sub Total				2,082,000	
General Total				4,686,000	
	1	I	1	1 686	

				Med	lical G	ases
			Origi	nal		From 1st Revised to onward
	Scope of Work	Monthly Consumption per THQ Hospital	Annual Consumption per THQ Hospital	Rate per Cylinder	Total Annual Cost per THQs	
	Medical Oxygen Gas in 240 CFTCylinder (MM)	12	144	1850	266,400	
Oxygen	Medical Oxygen Gas in 48 CFTCylinder (MF)	30	360	1,000	360,000	In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia
	Medical Oxygen Gas in 24 CFTCylinder (ME)	40	480	800	384,000	decided as under: "It would be made sure by the P&SH Department that the outsourcing would be shifted to the
Nitrous	Nitrous Oxide in 1,620 Liter (XE)	2	24	5,000	120,000	non-development side from 1st July 2018 next FY". In view of above, Outsourcing cost has been excluded from this PC-I.
Oxide	Nitrous Oxide in 16,200 Liter (XM)	1	12	12,500	150,000	
Nitrogen Gas	Nitrogen Gas	1	12	2,000	24,000	
		Total			1,304,400	
					1.304	

Cafeteria

Pre-Fabrication Cateen (Procurement)

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

LANDSCAPE DEVELOPMENT WORKS COST ESTIMATE

			COS	T EST	IMATE	
			Or	iginal		From 1st Revised to onward
Sr. No.	Description	Unit	Quantity	Unit Rate Rs.	Amount Rs.	In the light of decision made during the Progress Review Meeting of Revamping of DHQ/THQ Hospitals held on 01-01-2018 under the Chairmanship of Chairman, P&D Board; it was inter alia decided as under- "It would be made sure by the P&SH Department that the outsourcing would be shifted to the
1	SOFT LANDSCAPE			110.		non-development side from 1st July 2018 next FY". In view of above, Outsourcing cost has been excluded from this PC-I.
1.1	TOP SOIL Providing, spreading and leveling of topsoil (sweet soil including					
1.2	manure and fertilizers) as required complete in all respects as per Drawings, Specifications and as approved by the Engineer. STONE / PEBBLES	Cft	16,793	20	335,854	
	Supply and laying a layer of pebbles/stone at specified locations with Landscape base as in Landscape Design approved by the Engineer.	Truck	1	34,375	34,375	
1.3 a	GRASSING GRASSING (EXISTING NON MAINTANE LAWNS)					
a	Providing and dibbing of Fine Dacca grass where required, including					
	mud filling/leveling and contour shape preparation confirming to the criteria outlined in the Specifications, complete in all respects as per Drawings, Specifications and as approved by the Engineer.	Sft	23,030	7	161,210	
b 1,4	GRASSING (NEW LAWNS) Providing and dibbing of Fine Daca grass i, including mud filling/leveling and contour shape preparation confirming to the criteria outlined in the Specifications, complete in all respects as per Drawings, Specifications and as approved by the Engineer. TREE / SHRUBS (SPREADING)	Sft	28,788	11.25	323,859	
	Providing and planting tree / shrub as listed and as arrangement and					
	type shown in the Drawings, in pits of size 305mm x 305mm x 305mm. Dug in improved soil 610mm. deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of					
а	Engineer. Trees 18" pot 6'-7' - Terminally, Cassia Fistula, Bauhinia Variegated, Alstonia Choirs, Ficus Yellow, Ficus Black, Jacaranda, Pilken,	No's	118	1,500	177,000	
-	Mangifera etc. Trees 12" pot 3'-4' - Polyalthia Long folia, Terminally, Cassia Fistula,					
b	Bauhinia Variegated, Latonia Choirs, Delonix Regia, Ficus Yellow, Focus Black, fichus Starlight, Melaluca, Mimuspps, Pine, Ficus Amestal, Pilken, Palms etc. Plantation of Fruit Plants in the vacant area 12" pot 3'- 4' - Am rood,	No's	27	270	7,290	
С	Jaman, Berri, Mango, Citrus. Including site preparation, plantation, watering and maintenance for six months. Shrubs and Omamental Plants 10" pot Pittosporum Variegated,	No's	100	600	60,000	
1.5	Murray Small, bora Coccinea, Juniper Varigated, Hibiscus Varigated, Carronda Dwarf Spp, Jasmine Sambac(Mottya), Leucophyllum Frutescens(Sikery), Rose, Nefrum, Lantana, Canna, Asparagrass, Conocarpus, Acalypha, Callistemon Dwarf, Cestrum, Thabernaemontar Variegated etc.	No's	10,468	69	722,292	
a	Shrubs and Ornamental Plants 12" pot Pittosporum Varigated, Ixora Cochineal, Juniper Variegated, Carronade Dwarf, Jasmine Thai, Plumier Robar, Cassia Malacca, Largest mea, Euphorbia, Jestropha Thai etc	No's	1,645	195	320,775	
1.6	Providing and planting ground covers as listed and as arrangement and type shown in the Drawings, in pits of size 150mm x 150mm x 150mm x 150mm bugs improved soil 610mm deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Epoincer.					
	Ground Cover Plastic Bag Plants Alternant Hera, Dianella, Iresine (Red), Hemercollis(Daylily), Duranta etc	No's	11,180	12	134,160	
1.7	PALMS					
	Providing and planting palms as per Drawings, specifications and to the satisfaction of Engineer.					
а	Palm 18" pot - Queen Palm, Wodyetia Bifurcate, Washingtonian Palm, Biskarkia etc.	No's	13	3,675	47,775	
1.8	Palm 18" pot - Phoenix Palm, Cyrus Palm CREEPERS	No's	18	1,800	32,400	
	Providing and planting Creepers as listed and as arrangement and type shown in the Drawings, in pils of size 305mm. 305mm. 305mm. Nug in improved soil 610mm. deep filled by adding 10% cow dung manure and confirming to the criteria outlined in the Specifications, complete in all respects and to the satisfaction of Engineer.					
	Creepers 12" Pot - Bougainvillea, Bonsai, Qusqualus, Bombay Creeper etc.	No's	56	195	10,920	
2.1	HARD LANDSCAPE WALK WAYS					
а	Excavation of walkways and edging including brick ballast under 12"X14" curb stones fixing with1:2:4 PCC, supply of 7000PSI tuff tiles 60mmas per approved design fixing on 4" brick ballast compacted and grouting with sand.	Sft	2303	150	345,450	
2.2	BENCHES Concrete Bench 5' wide complete in all respects and to the satisfaction	No's	11	14,698	161,678	
2.3	of Engineer as per approved design. DUSTRINS Complete in all represes and to the existenction of Engineer as per					
2.4	Complete in all respects and to the satisfaction of Engineer as per approved design. PLAYING EQUIPMENTS	No's	7	27,700	193,900	
4	Complete in all respects and to the satisfaction of Engineer as per	No's	1	544,939	544,939	
2.5	approved design. PLANTERS Concrete planters 2' X 2-1/2' complete in all respects and to the					
2.6	Concrete planters 2 X 2-1/2 complete in all respects and to the satisfaction of Engineer as per approved design. WATER POINTS (Injector Pump 1HP)	No's No's	10	3,850 45,000	38,500 90,000	
	SOFT LANDSCAPE MAINTENANCE					
3	(Including maintenance and up keeping of site for 6 months) after development as per specifications and to the satisfaction of Engineer. CONSTRUCTION OF PLANTERS	Sft	57,575	7.50	431,813	
4.1	Large Size with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	224	550	123,200	
4.2	Medium Size with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	29	550	15,950	
4.3	Small Size with keystones fixed with cement with top concrete slab as per design and to the satisfaction of Engineer.	No's	54	550	29,700	
5	GAZEEBO Construction of Gazebo 12' X 12' with top fiberglass 3 layer canopy as per approved design and to the satisfaction of Engineer. Total Amount of - Landscaping	No's	1	200,000	200,000 4,543,040	
	PRA(16%)				726,886	
	Design Consultancy Grand Total				100,000 5,369,926	
					5.370	



Office of the

CHIEF ENGINEER

Punjab Buildings Department (North Zone) Lahore

0 7 Dated No.CEBNZ/ (792-/D,

T0,

The Director Infrastructure
Project Management Unit (PMU)
Primary & Secondary Healthcare Department
31/E-1, Shahra-e-Imam Hussain Gulberg-III,
Lahore.

P T.H.Q.IN PUNJAB ONE AT TEHSIL HEAD QUARTER HOSPITAL SUBJECT: ROUGH COST ESTIMATE FOR THE WORK "REVAMPING A.D.P SCHEME NO.658 FOR THE YEAR (2022-23) PINDIGHEB DISTRICT ATTOCK"

office Circle No.1 Rawalpindi Building letter No.5448/D, dated 08.10.2022 REFERENCE: Superintending Engineer,

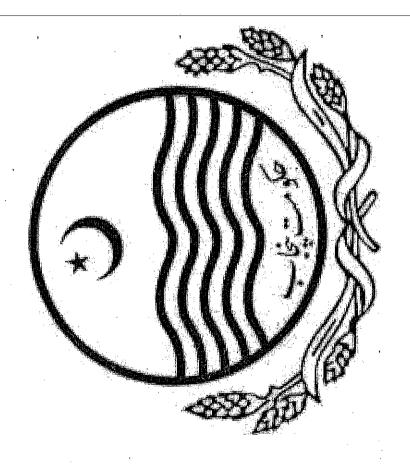
As approved by the competent authority, the rough cost estimate received through above referred communication 子 110・341(M) 7子名 (M) for favour of consideration and arranging administrative approval under proper head of account. is sent hereby dully vetted for **Rs.** 174 subject scheme the

For Chief Engineer, Deput Treeffor-Punjab Buildings Deptt 777 (01 (HZ vetted estimate Copy of ₹ O

No. & DATE EVEN

A Copy is forwarded for information & necessary action to the -

- Secondary Healthcare Infrastructure Secretary, Govt. of the Punjab Primary & Department, Lahore.
 - Commissioner Rawalpindi, Division Rawalpindi Si
- Superintending Engineer, Building Circle No.1 reference to his office letter referred as above.
 - 4. Executive Engineer, Building Division Attock.
 - 5. Chief Draftsman (Local).



NAME OF WORK

TEHSIL HEADQUARTER HOSPITAL PINDIGHEB DISTRICT EXECUTIVE ENGINEER BUILDINGS DIVISION ATTOCK "REVAMPING OF ALL THQ HOSPITALS IN PUNJAB ONE ROUGH COST ESTIMATE HAS BEEN FRAMED BY ATTOCK FOR THE YEAR-2021-22", 202

ESTIMATED COST:

Rs. 496.289

174.72 B 124.655 (m)

EXECUTIVE ENGINEER BUILDING DIVISION, ATTOCK

A TEHSIL HEADQUARTER HOSPITAL PINDIGHEB DISTRICT "REVAMPING OF ALL THQ HOSPITALS IN PUNJAB ONE EXECUTIVE ENGINEER BUILDINGS DIVISION AT LUCK ATTOCK FOR THE YEAR 2021-22"

HISTORY

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been prepared and submitted for arranging Administrative Approval and released of making full efforts to provide the maximum facilities to the people in health sector at each Tehsil level. In this regard Management Unit, Primary and Secondary Healthcare Department has requested Rough cost Estimate for the scheme Cited above. In this regard Rough dost estimate Project has transformed program. revamping and Secondary Healthcare Department (P&SHD) through The Government of the Punjab is establishments funds with competent Authority. healthcare secondary

SCOPE OF WORK.

- Revamping of Main Building
- Façade Improvement internal fixtures internal electrification, and Dampness Paint Stairs and Ramp ceiling. Work, Door's, E
 - Water Filtration Plant with Supply system
 - Fire Alarm System
- ATS System and Panel Board ਠ
 - Electric Panel Room. ø
 - OHR 1000 GIn
 - Gate & Gate Pillars ب ق ح
- Provision of Sewerage system

CARRYING OUT OF WORK.

Buildings οť contractor after calling competitive through wide publicity in the press. The work will be carried out through approved SPECIFICATION Department

adopted for entire specification of the Buildings Department will be the completion of the work. The

This Rough Cost Estimate has been framed on the basis of Plinth Area Rates Notified Vide Chief Engineer Punjab Building Department Lahore (NZ) No. CEBNZ/1188/D-92, Dated 07.07.2022 for 2nd Bi Annual Period 1st July 2022 to 31st December 2022

COST.

18 Months are required subject to availability of funds.

The total cost of the scheme comes to Rs. 496.289 M

110.341

Tal Officer Buildings Sub Division Pindigheb

Executive Engineer **Buildings Division** Attock

THO PIND GHOD 21-07-22

CHECK LIST FOR IDENTIFICATION OF SCOPE FOR REVAMPING OF HEALTH FACILITY

La de la constante de la const		4	thickness.	thickness.			
	files specifications, brand, size and trasallation specification will be as per specified W&W standards.		ebecijed	Porcelain tiles needs to be fixed on floor by dismantling existing terrazo and providing new PCC layer of specified	· · · · · · · · · · · · · · · · · · ·	Full Body Porcelain tiles needs to be fixed on floor on ground floor & First Floor by dismantling existing terrazo and existing terrazo and providing new PCC layer of specified thickness	aliT 100l Tille Inemensi
	Remarks	х-гау Кооп	Laboratory	abisev toobri (eismej+eism)	entsenT noitsteqO	ОРО Віоск	- we

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iledn V	<u>×/</u>		·	·	and the state of t	- William - Will	
	Specifications, wood/type of door, handles will be as per specified C&W standards.	Doors need to be replaced with wooden doors of similar existing design.	Doors need to be Teplaced with wooden doors of similar existing gright. Gesign.	replaced with of soors of grinis	Main entrance door of Or should be provided of Aluminium	repiaced with wooden	il or institution or in
-	Tiles specifications, brand, size and see per specifications, stand stand stand stands of the second		Full Body Porcelain tiles needs to be fixed on walls up to height of 6ft. (for conidors, wards, waiting areas) and 6" skirting (inside for skirting (inside sfler dismantling after dismantling	on walls up to height of 6ft. (for corridors, wards, walding areas) and 6" skirting (inside coms/offices) after dismantling after dismantling	ı	Full Body Porcetain tiles needs to be fixed on walls up to height of 6ft. Or height as per C&W Standards (for conridors, waiting areas) and 6" skirting (inside rooms/offices) after dismantling of existing surface terrazoo surface.	eht i

Mile was presented and the second second

Transfer in the second						Y_/
noitsoifiteala Ism egnitifi gnibu	plates, sockets, whes & DBs should be replaced and installed at standard height from Finish Floor dentical.	sockets, wires & DBs should be replaced and installed at standard height from inish Floor level and all must be identical.	including switch boards, plates, sockets, wires & DBs should be installed at standard height from Finish Floor fevel and all must	boarda, plates, sockets, wires & DBs should be replaced and installed at standard height from Finish Floor	SOCKEIS, WIRES & DES	Model Specifications/ Brands, should be as per specified C&W Standards.
smal Comidors.	bne alloug to be bne alls will band of common to be be be be saved a solution of the bull				•	
swobniW Ismaini gnita	SM Existing internal MS windows need to be be be windows need to be be with Aluminum Windows.	IAI Existing internal MS Windows need to be replaced with burnimulA	All Existing MS internal MS windows need to be replaced with Aluminum Windows.	Ismain MS internal windows heed to be she heed to be replaced with munimula	lemaini &M blo IIA and to base swobniw and with swobniW munimulA	Specifications, Specifications, Standards
daning opening of pering of pering of pering of Façade of Façade	All Existing MS Corridor windows need to be provided with additional MS angle iron and double wire mesh.		L	ţ	i	Specifications will be as per C&W standards.

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(anily, weath beain, verse cleases, bath room accessories, tile size and color will be as per specified C&W standards. All Westhroom doors should be replaced with about be with a specified C&W specified C&W.	Mill body percelain and full body percelain and full body percelain tiles body porcelain tiles as of quill the full but of a full but of the full but of the full better and full better and full but of the full better and full but full bu	fixing full body fixing full body floor and full body floor and full body porcelain tiles on well up to a minimum height of fr. All existing fixtures should be fixtures should be fixtures along with fixtures along with	need to be movemped completely by fixing full body fixing full body floor and full body porcelain tiles on minimum height wall up to a minimum height of 7 ft. All existing fixtures should be taplaced with new taplaced with new fixtures along with taplaced with new fixtures along with and sewerage	All washrooms need to be revamped completely by fixing tull body porceitain tiles on tiles on hoor and tull wall up to a minimum wall up to a minimum existing fixtures existing fixtures another of the complete to the compl	he revamped completely be revamped completely porceisin tiles on floor and full body porceisin tiles on wall up to a minimum height of 7 ft. All existing fixtures should be replaced with the fixtures along the fixtures a	plic.
doel Specifications/ rands and distance hould be as per pecified C&W	B ed of been sOMS to be believen		MDs need to be listen			ZWIIIXI-I

Carlot annual control of the control	Stair railing needs to be replace with SS stair rail.	, - AMMERICAN PROPERTY AND ALL ASSESSMENT AND ARROWS AN				Spiebnet?	
bn s əlchsM - a nis gnillis	All stairs with terrazo on steps need to be repisced with Marble/Granite on steps.	Salaine de la compansa de la compans	unispe	#####		Marble/Granite type and installation technique will Way per C&W	
rsing Counter (Ward)	Mursing counter will be provided upto 2.5' height with granite marble on top. Change tile on counter front with full body porcelain tile.		upto 2.5' height with granite marble on top. Change tile on counter front with till body norcelain	Mursing counter will be provided upto 2.5' height on top. Change tile on counter front with full body porcelain tile.			Mathematicate of the
if Treatment	Roof treatment of complete building is a mequired.		a. 11.014				
triis4 :	paints and surface of walls paint and surface of walls should be prepared after	et bluode slieW IIA Mails should be singled after complete scrapping of existing prints and suffer sliew after should be	complete complete existing paint and surface of walls surface of walls prepared after plastering in patches (where required only)	complete scrapping of existing paint and surface of walls should be prepared after plastering in patches (where patches (where	sunace or wans should be prepared after plastering in patches (where	Plaster Cement Ratio, wall putty brand specifications, brand specifications, brand and color will be as per C&W standards.	

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Hattis day to the last of the							
		<u> </u>		· · · · · · · · · · · · · · · · · · ·			adding
			SS Edge Protection needs to be fixed on all conners up to height of 5 ft. till the height of	SS Edge Protection needs to be fixed on all conners up to height of 5 ft. fill the height of		noitseten Pege S3 Ils no befit ed ot sbeen obed of qu sremon trigier	muini
		Weather shield to be done on all external malls other than space	Weather shield to be done on all external walls other than façade	Weather shield to be done on all external walls other than taçade		Weather shield to be alle walls walls and be and be alle to see the train taking the man take the second se	er Shield
					Anti-microbial treatment is required in operation theatre. Microbial wall panelling, anti-static flooring).		neatment
		done.					
•		Lead lining of x-ray		*****			-X) slis
					ajirin (Façade treatment should be executed on front elevation, (OPD Main Entrance Wall)	Бі
		April and All	**************************************		*****	Chequered file & SS hand railing will be fixed no rainps	gnilisЯ bas

	ects along with	concealed in all responded to	g in Air should be c esters. Similarly, ex	ipital which are hangin ostem and lightning arr	All external main cables of hosprovision of proper Earthing system condition if required.	xternal Electrification
		Isrbie will be rovided on ounter top. ould be made der counter.	w w	-		məji rəditO yı
•		itteq SS ritiv	ioint of building Is properly & cover it prints SS patti	Over it with SS patti	triol, girts 22 benevol	. To tnioj noiznagxi gnibliu
	Pequired	Reduired				Elevators
	beautoed	besiine	Required	Required	Required	Fire Alarm System
•	Damaged Water pipes sewerage pipes causing seepage to be seepage to be rectified.	supply & sewerage	Damaged Water supply & sewerage pipes causing seepage to be repaired & rectified.	Damaged Water supply & sewerage pipes causing seepage to be repaired & rectified.	Damaged Water supply & sewerage pipes causing seepage to be rectified.	SHOW GRAN

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CHECK LIST FOR IDENTIFICATION OF SCOPE FOR REVAMPING OF HEALTH FACILITY THO PINDI GHEB

Additional Information	New OHWR is required.	Not in good consition need to revamp.	Not required.	Not required.	Hospital staff demands to wide the gate in order to ensure smooth traffic flow.						RO plant is required with new water supply lines.
Description	Water Supply System	Sewerage System	External Pathways	Boundary Wall	Main Gate	Sources of Electincal Supply	Transformer	ATS Panel for Generators	Electrical Panel Room	External Wires	Water Filtration Plant
2 3	H		6	7	1	10	7	8	6	10	==

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ROUGH COST ESTIMATE "PROGRAMME FOR REVAMPING OF ALL יוּ אֹם אספרודאנג ווא Punjar one at the year אסטפר אטטפר אסטפר אטטפר אסטפר אסטפר אסטפר אטטפר אטטטפר אטטטטר אטטטטר אטטטטר אטטטטר אטטטטרע אטטטעטטרע א

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Setalls attached.	01861167 98 2 89 3	- 362462-										dol.9	τ	brsod lens of Arstem and Panel Board	Jtr
etails attached.	8994894 54657	<u>990+89Z</u>										dot.9		matsy2 menel A series	4
Betails attached.	6486875 6486875	6189855	1									dot.4	T	Provision of Water Filteration Plant with Matsys ylqqub	
Petails attached.	29244H	000185261		· <u></u>	<u></u> .						- <u>-</u>	dot.9	τ	gnibliuß nisM 10 gniqmsv9Я	τ
Period 1st July 2022 to 31st December 2022					i										
Chief Engineer Punjab Building Department Lahore (NZ) No. CEBNZ/1188/D-92, Dated O7.07.2022 for 2nd Bi Annual												:		lining , façade improvement, internal fixtures, intenal electrification & miscellaneous repair work of building	
sed estimate the Rough State of the second s							.,							С <u>LINICAL BUILDING</u> (Internal Development, Tile work, ramp & stair paint & dampness work lead	
91	ST	Τt	13	75	TT	10	.6	8		9	S	Þ	ε	7	Ţ
Remarks	finomA	Total Rate	อ'ร	l'S	ū.	Extra For Framed Structure For Each Floors	Extra For 1st Floor and Subsequen t Floors	Reduced Cost of Found- ation	101	Extra for Strip Founda fion	Building Portion	tinU	Plinth Areal Qty	Description	Sr. No.
, ,	-					ea Rates		otho¶ gn	ibliu8						

							Executive Buildings								Standel (10 dus / and 10 dus / and 10 dus equibling / and equipling / and equi	
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-	Cw) 876	461					1							O		
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		142/28488 532843363-	-:letoT bneาƏ									بس با			Principal Smith Structure	#
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	1151119 ATTERS		k PST charges	₹2 bbA									Company AMI	engujaren eran, musik ilasi.	Electron Market 1997 (1997) And the Control of the	-general de la d
/ ,	587055691 1 2002701 £18479071	0 7813715 5 7872 845-81	lstoT	Г				<u>,</u>					_			
LI	Details attached D22302	00T86 S 9	—00 1865 9				-	-				-0018659	dot 9	T	Provision of Sewerage System	1 8/
	Details attached.	009726	009276							A4 RV		009∠Z6	dol.9	τ	Sate & Gate Pillars) . Z
	Details attached.	4300000	00000E(p									4300000	dot.9	τ	Provision of OHR 1000 Gln capacity	9
	97	12	71	тз	77	ττ	от	6	8	L	9	S	Þ	ε	7	ī
	Кетагка	JunomA	Total Rate	5.8	1.8	l:3	Extra For Extra For Structure Structure Fach Each Each Exch	Extra For and fall floor sons cand cancer and srool?	Reduced To iso O		Extra for Strip Founda fion	Buibliu8 noitho9	tinU	Plinth Area/ Qty	Description	Sr. ON
		-					ea Rates		oiho9 ga	ibliu8				j		
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AMENDED ROUGH COST ESTIMATE "PROCRAMME FOR REVAMPING OF ALL THO HOSPITALS IN PUNJAB ONE AT TEHSIL HEADQUARTER HOSPITAL PINDIGHEB DISTRICT ATTOCK FOR THE YEAR 2021-22".

Kemarks	Saving	Excess	st Estimate r 2022)	Rough cos				Rough cos			Description	Sr. No.
			JunomA	Rate	JinU	Qty	JunomA	Rate	JinU	ViD		1
13	15	l l	01	6	8	L	9	9	Þ	3	2 Severating along account	
	19434	0	09120	S7 77801	#20%	973	7228 4	p.8708	ਸੈ੦0%	2918	Yevamping Main Building Excavation in foundation of buildings, bridges and other fructures, including dag belling, dressing, refilling around	∌l
								and the second s			tructure with excavated earth, watering and ramming lead opto 100 ft and lift upto 5 ft (1.5 m) in ordinary soil.	s
	690711	0					690711	12055.5	ਸੈɔ%	146	Sement concrete brick or stone ballast 11% " to 2" 1:6:18 lauge, in foundation and plinth:-	6
	316450	0		2000 T A 1000 T			316450	27.888.62	flo%	દુકદા	Sacca brickwork 1:6 cement sand mortar in foundation and	a
	4971		7 - 27 7 - 27 9 - 28 1 - 28				۲9 ۲ ۱	96 7799	1Ј\$%	97	Providing and laying damp proof course of cement concrete :2: 4(using cement, sand and shingle), 1/2" thick including one coat of bitumen coating	0
	7 £988	0			, , , , , , , , , , , , , , , , , , ,		7 £988	25038.75	ग्रे०%	324	Sacca brickwork 1:6 cement sand mortar in ground floor.	
	182698	0	36188	3.753	∄o9 ∈	989	988099	402.4	Љ.Ч	6981	Seinforced R.C.C in roof slab beam coloumn lintel girder and structure 1:2:4 etc with shuttering	0
	l ⊅ ∠8	0					1478	261.35	љ.Ч	90	Seinforced C.C in raft slab, beam columns, lintel, girders and sther structure 1:2:4, without shuttering, etc.	0
	087761	0	89 1 699	3.81418.2	%kg	6607	842738	2 1 96661	%ка	78 <u>2</u> 4	sprication of Mild Steel reinforcement i/c cutting bending aying in position.	3
	371112	0			The state of the s		371118	4672.25	не%	0999	Providing and laying topping of cement concrete 1:2:4, ncluding surface finishing and dividing in panels 1.5" thick:-	J]
	219845	0		:		16 75 6 75	2198 1 2	2160	ffe%	87101	2/L 1/2" thick cement sand plaster in 1:6 ratio upto 20' reight.	
	0	907966	9996131	6 0988	1JS%	39460	224360	3116	ns%	82891	roviding and applying weather shield paint on new surface we costs of approved quality on external surface of building	11 1
											ncluding preparation of surface, application of primer complete in all respect:	ii
	0	0689/+	991997	2335.85	Ho.%	11322	97788	8.8971	138%	6109	Dismantling glazed or encaustic tiles, etc. Dismantling cement concrete 1:2:4 plain.	
	0	5711457 2064628 219217	5294 <u>905</u> 2294 <u>905</u> 5211453	8.83788 8.83788	flo% fle%	7169 7636 7169					Cement concrete plain including placing, compacting, inishing and curing complete (including screening and] } }
	0	1968	16102	423.3	118%	0774	16240	319	fle%	1609	vashing of stone aggregate) Ratio 1:2: 4 Removing cement or lime plaster.	

				atemited t	Rough coe	—— <u>C</u>	ı∆ sen 2∆	f Estimate	Sough cos	havorad		Describtion	4
	Remarks	Saving	Excess		December				econduscos et Decempe				Sr. No.
				junomA	Rate	JinU	Qty	JunomA	ЭtsЯ	3inU	QtV		
	13	15	11	01	6	8	L	9	9	Þ	3	3	
		15242928	0	·				16242928	972	∄S .Ч	82239	Master made tile laid in white cement over 1/2" thick c/s	
												nortar 1:2 i/c filling of joints with matching pigment complete as approved and directed by the Engineer	
		0	7 2 828071	7 + 828071	340.35	∄a¶	26103				<u> </u>	ncharge (For Floor). Porcelain glazed tiles	4
:			11-0700	11-02001	00:016	100	70100			,		bevoring of MASTER brand of specified size in approved	Ц
٠.		14 21										lesign, Color and Shade with adhesive/bond over 3/4"thick 1:3) cement plaster i/c the cost of sealer for finishing the)
,												oints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed tiles	
		99013161	0					19151066	293	#S d	29839	500mmx 600 mm 5/L Salt'n Pepper (SPM 110) Light Polished SB of 24"x24"	_
		00010161						00010161	CGZ	110 : 4	70000	Asster made tile laid in white cement over 1/2" thick cis	t .
							1					nortar 1:2 i/c filling of joints with matching pigment complete	
		· •					14					n sil respect as approved and directed by the Engineer ncharge (For Skirting).	
. !		0	10765271	17239701	340.35	#S.9	31630				10	Providing and laying superb quality Porcelain glazed files of	<u> 1</u> 6 ₽
									4			Master brand, skirting/dado of specified size, Color and Shade with adhesive/ bond over 1/2"thick (1:2) cement	
											* 2	plaster i/c the cost of and sealer for finishing the joints,	
				<u> </u>					:			Uting grinding complete in all respect as approved and	
								·		ļ. 		Significated by the Engineer Incharge Full body Glazed Tile	
		924610	0	4	7 .		H 1	924610	270	∄8.ª	1943	P/L Master Wall Tile size 12"x36" Master or Equivelent laid	
										.÷		over 1:2 cement sand mortar i/c filling of joint with matching in all respect as approved and directed by	
												he Engineer Incharge (For Flooring).	
		0	088677	088677	8.662	∄S d	3252					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	
_					1					· 		ond 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	
			-				and the second		11 - A.		-	respects as approved and directed by the Engineer notharge 12"x18"/12"x24"/10"x24"/12"x36"	
									<i>3</i>	30 0			
		1925000	o		-			1925000	280	#S.9		P/L Master Wall Tile size 12"x36" Master or Equivelent laid pyl. Master or Equivelent laid	
				·								pigment complete in all respect as approved and directed by	
												the Engineer Incharge (For Skirting).	4 1

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Remarks	Saving	Excess		l Decembe	uly to 3	iį ier)	er 2021)	st Decemp	uly to 31	L ist)	
13	21	11	innomA 01	Rate 9	inU 8	Z Z	innomA 9	Rate 5	jinU 4	Gty 3	7
	0	861444 0	8614443 069688 7	292.55	₩S. q	9 568					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 the complete in all respects and as approved and directed by the complete in all respects and as approved and directed by the Engineer Incharge 12"x18"/12"x24"/10"x24"/8"x24"/12"x36"
	50493360	0					20493360	360	∄S:∙4	97699	P/F False ceilling (DAMPA) sheet 2'x2' imported fixed with Aluminum frame (TEE & L) hanged with 10 No wire with RCC roof slab i/c cost of Hook & Scaffolding, carriage charges complete in all respect & as approved by the Engineer Incharge.
	0	001529 თ2 <i>2</i> 524	ሙፘ\$ይ <i>ት</i> መሪያይታ	00 ₽	#sd	880 l -9951					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 joints sealed with silicon if required of DAMPA/Demark, as gentled and directed by the Engineer Incharge (b) Bevelled edges & flange 21.5 mm (iii) 600 mmX 600 mm
	2101581	0					2101581	96 ት ሂሂፘ	¥S%	⊅ €Z9Z	Preparing surface and painting with emulsion paint 3 coats inc Scraping Ordinary distemper, oil bound distemper, or paint of wall.
2-0-2-0-2-0-2-0-2-0-2-0-2-0-2-0-2-0-2-0	0	1626	768p1	438	Each	34	134254	331.65	Each	250 40	Removing windows and sky lights with chowkat.
	3948126 26296	0	7928	341.5	Esch	73 5	9218468	1033	ils q	3822	Providing and fixing of %" thick pre-polished Marble Slab Granite of China/India Isid in white cement and matching pigment over %" thick cement mortains in slab; urbbing & chemical polishing and making gola on slab;
				3							exposed edges complete in all respect as approved by the Engineer Incharge.
	0	868891	868637	1308.85	лзЧ	929					Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed complete in all respect as approved and directed by the Engineer Incharge.

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Remarks	gnive2	Excess		l Decembe	-	<u>. </u>		at Decemb		·	
	G F	11	JunomA	Rate 9	JinU 8	Δίλ	JunomA 9	Bate G	tinU 4	Qty 3	5
13	1 5	0	Or	6	0	 	2122200	2400	∄S.q	868	P/F stainless stair railing pipe fancy stair railing 2-75 height
	0070017	0					0070017	00+7	310	000	comprising of stainless pipe 2" dia at top hamel rail welded over vertical post of 1 1 1%" wide 3/8" double step imported balustrades with stainless steels studs fence type welded to
						·		,			fancy reducer 2"x1/2" at top and M.S tikki 3" dia x 1/4" thick at bottom fixed on step, using holding down rawl bolts 3"x3/8" M.S tikki covered with Architectural multi off: shape stainless
						:					steel cap 3" dia at bottom and reduced to 11%" dia at top in 2" height, Additional stainless steel 3," dia 3-No. fixed with vertical balustrades i/c steel polishing fixed at site complete
							-	·			in all respect as approved by the Engineer incharge.
	0	1112911	1112911	236145	∄S. q	067					Providing and fixing 2'-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia stainless steel round/welded with vertical posts of 2" dia stainless steel round/
										·	Squar pipe/ Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs, 3-Nos
											diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c stainles steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge
	272382	0					286272	72 5	∄S.9	9811	P/L Non-Skidding Ceramic Tile Made Of Approved
											Manufacturer Size Texure Light Size 12"X12" Tile Laid In White Cement Over A Bed Of 3/4" Thick C/S Mortar 1:2 I/C Filling Of Joints With Matching Pigment Complete In All Respect & As Approved By The Engineer Incahrge (For
			1		70 0	022		2 - 2 2 - 2 2 - 24			Ramps) Ramps) Providing and laying superb quality Porcelain glazed tiles
	0	877291	877 <u>2</u> 31	211.4	<i>я</i> г. ч	022					flooring of MSTER brand of specified size in approved flooring of MSTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4"thick
			.								(1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge (Non-Skid Chequred Tiles) 300mmx300mm

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	h *		et Estimate		and the second second		st Estimate				Page Describtion
Remarks	gnivs2	Excess		Decembe				st Decemb	re or yn JinU	risi) ViD	
13	12	ll.	innomA 01	Rate 9	JinU 8	Qty 7	JnuomA 9	9	7	3	2
	623078	0	979676	9.7 E 41	#S .q	79Z	6 ≯ 00 9 6	286.45	#S q	1620	Providing and fixing all types of partly fixed and partly openable glazed anodised bronze colour aluminium doors, using delux section of M/s Al-Cop or Pakistan Cables,
				·				. ,			having chowkat frame of size 40 x 100 mm (1½" x 4") and leaf frame of $60x40$ mm ($2½"x1½")$ wide sections including the cost of $½"$ (5 mm) thick imported tinted glass with
											aluminium triangular gola and rubber gasket to support the aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved standard fittings, glass and leaf edging, using handles etc., and hardware any locks, 3" (75 mm) wide long handles etc., and hardware any
			0000200	7 07 07		2333	0772008	3 007	#3 U	30231	required as approved by the engineer in-charge.
	0	998879	6679468	1348.4	∄S.¶	1999	8327443	9 86 1	#S 4	90 7 91	Providing and fitting all types of glazed aluminium windows of anodised bronze colour partly fixed and partly sliding using delux sections of approved manufacturer having frame size of 400 x 00 mm (All x86") and lest trees
:				`* - - - - - - - - - - - - - - - - - - -				ja Ka		:	of 100 x 20 mm (4 "x%") and leaf frame sections of 50 x 20 mm (2 "x%"), all of 1.6mm thickness including 5 mm thickness imported tinted glass with rubber gasket using approved
											standard latches, hardware etc., as approved by the Engineer in-charge.
	3872122	0	1641363	90.564	∄8. Ч	3326	· 2213 4 82	30.055	#S.q	90791	Providing and fixing Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer brownze Colour / powder coated of size 1- 1/2"x1/2" and 1.6mm thick with rubber coated by a size of Hardwares as approved as the better the compression of the best of the power of the best of the bes
											gasket I/c cost of Hardwares as approved and directed by the engineer incharge, complete in all respect.
	381440	0				i Via	381440	5 88	#\$ -1	1280	P/F of Steel Chowkat 16SWG M.S Sheet 1-1/2" thick padam 1/2" deep having size full width of wall an 1/2" moluded inside the wall with four No. M.S. Putti 6" long hold fast 2 No. on both sides filling with 1:4:8 c/c i/c painting complete in all on both sides filling with 1:4:8 c/c i/c painting complete in all
											respect as approved and directed by the Engineer Incharge.
	2752000	0					27 52000	2160	#S d	1280	P/F of 1-1/2" thick OAK Wood soild door i/c Brass Hinger Plate, complete in all respect as approved and directed by the Engineer Incharge.

gaivs2	Excess		l Decempe			st Estimate er 2021)	st Decemp	uly to 31	L ist)	
	<u>'</u> .			1, 3		- N N		7.5		• All the second of the second
		JunomA	Rate	JinU	QíV	JunomA	Rate 	inU	Qty	Z
					7	9	G	b	5	7/F 1-1/2" thick solid flush door comprising of 2.5 mm thick
0	961789	961789	99.879	112 H	808		<u> </u>	٠.		eodar/Ash/Oak ply with grooves, compressed over 2.5 mm
						1.				rick commercial ply over 1" thick packing wood in style and
										ails under proper pressure i/c the cost of nails, tower bolt, andles, allue, sawing charges and lacquagnosispages and proper property.
11. V									1.0 6.0 6.1 (andles, glue, sawing charges and lacquar polishing to show re grains of ply properly, sand papering and 3/8" thick
		7. 1988 2. 2. 2.				· ·		, i		saching wooden lipping as approved and directed by the
									1 7.	ngineer Incharge.
172002	0	1 (2) (1) (1) (1) (2) (2)	:		1	172002		#S%	72002	ingle layer of tiles 00"x414" (2354143440 mm) leid eyer
1807245	0			14.1	(A)	1807245	96.35.98	#S%	ZZ60Z	ingle layer of tiles 9"x4"x" (225" (25 t 13340 mm) laid over "(100 mm) earth and 1" (25 mm) mm (25) "f bns three (mm 001)"
										hoosa, grouted with cement sand 1:3 on top of RCC roof
								1		lab, provided with 34 lbs. per %Sft. of 1.72 Kg/Sq.m
	통일 기계 (A) 기선 기계 (A)	10000000000000000000000000000000000000	(%) (#)	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4						itumen coating sand blinded i/c polythene sheet 500 gauge.
	LUVI	30000	# 360	4703	35	81866	F05 AE	4267	U7	huras on roof 2'x2'x6" (600 x 600 x 150 mm)
		97767	GCQ	O O	CC				09Z	upply and erection of fancy LED Pannell light 2:x2 i/c LED
0000015					100 m				<u>, </u>	ight & Driver 36 (W) (Philips / Alpha LED Ultra Slim) or
									기에 된다. 보고 최	quivalent i/c fixing in false ceiling and electric connection
			13 (A)				4 11			omplete in all respect as approved/ directed by the ngineer Incharge.
8220565	0	100		1 1947	82 [8220565	463	∄2.9	99221	VF of M.S Grill to Windows using 1/2"x1/2" Sq Bar @ 4" C/C
										ertically in two parts with 2 No. Horizental Lknow for using liding of windows 1"x1"x1"x1"s angle iron frame alaround i/c
	100 mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/mg/m								\$ a	sinting 3 coats hold fast complete in all respect as
										pproved and directed by the Engineer Incharge
	3302077	3-3-5-5-5	W 0 730	#3 G	13343			57 00 (大) 高器 数		Toviding and fixing M.S. grill fabricated with MS Square
0	Z966/211	7966/£LI	S.4co	ב. סוו	Cl.cci					olished Vertical/horizontal Bars of specified size @ 4" c/c "
										assed through punched holes in MS Patti of 1-1/4"x1/8" i/c
						iii				e cost of 1-1/4"x1/8" MS patti for Frame of windows and ainting 3 cost complete in all respect as approved and
										irected by the Engineer Incharge.3/8" Squar Bars
0,3000			12			617806	E 79	#5 d	3840	noviding and fixing ornamental wooden architrave 3" x (1½"
71.0807	0			el egg, ve	, i.e.	71,0007		uo i	01-00	spered to %") all along the door frame complete in all
	:	4	-	1		320007	30001	9003	30	sepect. Deodar wood architrave
948667	0	* :				G1966tz	Ceeei	uara Lacu	07	WE English W C Ports made imported one piece i/c double est cover full size i/c thimble complete set color ICI/forte or
									ĺ	quivalent complete in all respect as approved by the ngineer Incharge.
	1807245 0 8190000	0 \$20565 0 \$138020 0 \$20565 0 \$190000 0 \$20565	11 11 12 12 582196 0 0 11379952 0 0 180000 0 0 11379952 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 11 11 01 6 678.65 67.86 67.86 6 67.86 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	21 11 01 6 8 D	858 P. Sft 678.65 582196 682196 0 356 Each 83.6 11379962 11379962 0 357 Each 83.6 29226 6407 0 367246	21 11 01 6 8 7 8 888 888 889 99 100 88528 8882 9 10 886198 888 9 10 886198 888 9 10 886198 9881985 9 10 886198 9881985 9 10 886198 9881985 9 10 886198 9881985 9 10 886198 9 1	21 113 12 11 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	21 11 01 6 8 7 8 8 8 9 9 10 10 90 80 90 90 90 90 90 90 90 90 90 90 90 90 90	21 11 10 10 8 8 8 1 8 9 9 10 10 10 10 10 10 10 10 10 10 10 10 10

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Remarks	gnive2	Excess		Rough co			st Estimate ser 2021)	st Decemb	pproved uly to 31	A 19q aA L 3ah)	uondinasa Page 100
			junomA	Rate	JinU	γiΩ	JunomA	Rate	inU	γjΩ	5
El	1 5	0	01	6	8	L	S04800	9	₽ .9	S260	Preparing surface lacqure polishing on old wooden floor, windows, doors with best quality material i/c rubbing properly
							·	;			and preparing surface complete as approved and directed by the Engineer Incharge.
	094161	0					097161	125	∄S. ٩	1234	P/F of UPVC wall paneling UPVC section like plank, beading gola, angle gola 200 mm wide 9mm thick designed grooved
				33.	÷				l.		wall produced in plumbs using wooden strips (Anti termite)
											ily carriage of material from market to site work complete in all respect as approved/ directed by the Engineer Incharge
	0	000999	000999	096	ग्रेंड व	002					Providing and fixing Openable door comprising of 3mm broviding of 60mm 64mm both duly reinforced with G.I and leaf frame 60 mm to may 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
	0	969V8 <u>94</u>	5511458 969 1832	8871	#S 4	2424 2424					Supply and installation premimum graded/scratch-resistant Hygienic anti-microbial Pvc wall cladding of specified
			Carlon					4		enga Terapa	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 (b)
	765250	0	099604	0219	ħsq	SII.	1474800	9167	FS:E	300	Construction of Reception Counter Brick Masonry Structure 3.5! height from ground level consisting of marble granite
	00/238						£ <u>7423</u>	847.8 5	#S.9	087	and kitchen cabnit 22" deep with back Complete in all Respect. Providing and fixing 1%" (40 mm) thick deodar wood
	-657423										panelled or panelled and glazed, doors and windows, with mild steel chowkat (frame), etc. complete in all respects (excluding bolt or lock) without chowkat
	0	00009	384000	01/9	ਮੈਂਟ 'ਰ	009	324000	879	ਜ਼ੋਸ਼ ਕ	009	P/F Stainless steel corner beading angle 2"x2"x1/16" with double tape fixed with stainless steel nails i/c cutting fixing complete in all respect as approved by the Executive Engineer.

Remarks	Saving	Excess	(ZZ0Z)	l Decembe	uly to 3'	(1sf)	(LZOZ Jei	at Decemb	re or yn	r 181.)		ON
1							1		-,	, , , _	I .	E
			JunomA	Rate	JinU	Oth	JunomA	Rate	JinU	GtV	S	
13	12	11	01	6	8	2 - 5	9	240 2	#5 d	3	Providing and Laying of Chakwal Stone 12"X6" Size with	99
	0 1 8669	0					0 1 8669	540	₩S d	0167	Laser Cutter Having Rectangle Shape 3/8 to 1/2" thick laid in Classical Pattern by Providing 3/8" wide Groove on Horizontally and Vertically laid with Cement Sand Mortor 1;3	
			·								Ivo Filling Joints with Pigment as Directed By The Engineer	
	£8£097	0				360	£8£09Z	8902	¥S%	69498	Providing and applying weather shield paint of approved	<u> </u>
											quality on external surface of building including preparation of surface, application of primer complete in all respect old surface two coats.	
	009196	0					009196	537.9	ъМ.Ч	000⊅	S/E of Twin core PVC insulated copper conductor cable in prelaid PVC pipe 7/0.044"	
	5240850	0	0966111	1020	ñs ч	860L	084099£	026	ns a	477 8	P/F Of Led Lining (Imported) 1Mm Thick Size 4'X8' Complete in All Respect As Approved / Directed By The Engineer Incharge	
	1186801	0					1186801	119	∄8. 9	1021	P/F Of Antistatic Antibacterial Vinyl Flooring With Fixation On Mork floor I/C Carriage Of Material From Market To Site Of Work Complete In All Respect As Approved/ Directed By The	
	O	804125 968708	8 <i>04195</i> -968208	919	ЛзЧ	880 -9991					Engineer Incharge Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) of specified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer Incharge.	L9
	0	39004	3900⊄	7 /99	Hach	2					Providing and fixing heavy duty 3 mm thick SS Plate, diecast metal auotomatic hydraulic operated door stopper (Concealed floor hinge) embeded in floor and making it good pivot hinge, hardware, cutting of floor and making it good complete in all respect as approved and directed by the Engineer Incharge.	
	0	001282 067042	001285	7.799EE	no% file%	1721 7448					Pacca brick work in ground floor:-cement, sand mortar:Ratio 1:4 Cement plaster 1:4 upto 20' (6.00 mm) height:-1%" (13 mm)	模式
	0	19 1 096	19 1 096	. E. ÞÞ L	₩S d	9299					finick Providing and fixing 22-SVVG /12X12 G:1 wire mesh and expanded metal (diamond hole shape.) 5mm thick duly fixed with M.S patti 1"x1/8" on M.S angle iron frame 1%"X1%"X3\16" and braces @ 2 ft C/c horizontally & vertically i/c the cost of matt paint as approved & directed by the Engineer Incharge	99

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	Paris de la companya	a *	r 1	, i		,) 		\ 4 .				Fage 10.	<u> </u>
i. 1. 3.4 3. 1				st Estimate				st Estimate Per 2021)	। Rough co ∣st Decemb	pproveduly to 31	A req eA L tet)	Descuiption Dage 10	Sr. No.
	Remarks	Saving	Excess		l Decembe				- Sate	JinU	σtγ		.01
7 7	č.V	G P	11	JnuomA 01	Rate 9	jinU 8	VID 7	JunomA 9	9 Vare	71110	3	7	l
	13	0 0	121289	161589	3.3712	ns%	8969					Painting doors and windows, any type two coats i/c Brushing and scraping blisters of old paints from woodwork.	99
		0	<u>-8969111</u> 04 <i>E</i> 29Z	8969+++ 048292	6.197	<u>₩</u> \$%_	4120 0 1					Scraping Ordinary distemper, oil bound distemper, or paint	<u> </u>
		_	2082868	2 082828	203 4 62	#S%	€099⊁ 1					ot wall. Preparing surface and painting with emulsion paint 2 coats	
					3841.85	ijs%	13924		16-16			Cement pointing flush upto 20' (6.00 m) heihgt ratio 1:2 i/c	69
ч		o	62 67 23	626 1 829	60.1+00	lien/	-700					Raking and washing joints of brick masonry (old work)	
		0	113278 117278	8474 1 867861	-140.05	Л ЯЧ	0 9 7					Providing, laying, cutting, jointing testing and disinfecting PVC/uPVC pipe line with 'B' Class working pressure pipe, in trenches, complete in all respects: 4" i/d (100 mm)	
			EF826	32613	_38.64 8	фре∃	09					Providing and installing P.V.C. bends, of B.S.C. Class 'B' Working pressure 4" i/d (100 mm)	П
		0	<u>720000</u>	720000	1800	Esch	004					S/E Of SMD Light (16 Watt) Of Approved Manufacturer Complete In All Respect As Approved & Directed By The Engineer Incharge.	
		0	<i>\$49491</i> 0 98966	51919/ 090908	98.988	₽₽d	&&\$ -000 ₺					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/celling hung on painted brackets of MS angle iron of 1"x1"x1"x1/8" and MS patti of 1-1\n"x3/16" size @ 5 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer incharge. 16SWG	
		0	241620	241620	7.204) 기거리	009					"Ex"8ob	7
		0	742 1 538	_8£3124L_	^SL :9895	#Yd	- 520					Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only):-PVC insulated, PVC sheathed 4 core, 600/1000 volt non armoured cable:- 150 mm eq (37/0.093")	
	is Allegania.	0	069976	059926	-4633.45	- 카싱너	500					ob (37.0.083) - ob ob ob ob ob	94
		0	0 2819৮	461820	919	#3d	968					Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) of specified inickness duly welded with the moplastic equipment placed by the agent flooring adhesive as approved and directed by the agent placer incharge.	
		0	889911	116638	8.3038	л г%	3327					Cement plaster 1:5 upto 20' (6.00 mm) height %" (13 mm) hick i/c Removing cement or lime plaster.	1 84



			Í.	_			1				1		
										\downarrow		upto one chain (30 m) and lift upto 5 ft. (1.5 m) in Hard soil.	
												Unito one chain (30 m) and lift unto 6 ft (4 6 m) in Hord ceil] [
		`	N .			Ł			i.		Į.	structure with excavated earth, watering and ramming lead	
		. • 0	2335	16430	34.64911	11JUAN	9281	80111	F:0100	11000/	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	structures, ineluding dagbelling, dressing, refilling around	
		1.24		00/0/	37 07 07 7	1 300 /0-	3201	00111	₽.8 708	#30%	92E1	Excavation in foundation of building, bridges and other	
		22630000	0	115112000	1-1-0	1.1.11	0000[218	134647000	- :vs2	<u> </u>	<u> </u>	Construction of Room for Filteration Plant	8
		- \$\$250803	0	412411311		3516		134647150		A2			
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		325206	0	1 % ST.				97961	5200	#O#	987	Tile Bats	7
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		000808	0000	30000	30000	dol.9	707		2.3	35. 345	机 有头 ()	Electric cables (unservicable)	7
	and the second of				1000	Esch	232	1040000	2000	Esch	250	swopulM PIO	ε
. 19 s	200 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	79000 0	0	00019	1200	Esch	34	00008	2000	Each	07	Old Doors with Chowkat	
	* * * * * * * * * * * * * * * * * * *		0	<u>LhE19958</u>		<u> </u>		100		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		D/d cost of Old Material	
		52833133	0 =	380₹36001		\$4 \$ 1.03	 	132190219	- :(A) lsto	L			
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	2.00	450994	6925464	14783202-	- 222	- fis9	-16599 -	8677387	811	#S. 9	16999	Electrification	
		780223		1991864	10		005			N∳.	1 4	30th June 2021	
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							ļ. !		l .	10		Building Department Lahore (NZ) No. CEBNZ/190/D, Dated	1 1
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		· 0	0		10 to	\$1280°		. 4		1947			28
						M s				100		;eues	
												einforcement from concrete, cleaning and straightening the	
		0	126526	156526	7.88281	no%	928	ray Si			1	Dismantling cement concrete reinforced, separating	امرا
				11111		W.				2.5		Location oforgraph themes pulltagasid	18
	1.0				2.5							mm). WideG.I. sheet 185WS stopper to expansion joint.	1 1
					4				·			1001) III O UNIXII DIIB UNIDAOTI SANSOSOSOSI IID III OSSIGNISSI	1 1
	2.72					() (), u				3.4		complete in all respects ive Providing and fixing 6 in (150	1 1
		0	30938	30938	281.25	#A9	011			m		Tubber water stopper in expansion joints of R.C.C. roof slab	1 1
						7.1			·		 	Providing embeding 10" (20 mm) wide %" (6 mm) thick	08
				ľ		ħ.	·			4		surface (without mastic strip)	
]								'		clips/screws etc., complete in all respects:-On interior	
	•	[ı]								walls, columns, ceilings and floors etc., including cost of	
ı		lol	16203	16203	8.74r	ЛЯЧ	011			1		aluminium strip on horizontal and vertical expansion joints in	1
	13	12	11	10	6	8	2					Providing and fixing 1/8" (3 mm) thick 3" (75 mm) wide	64
		J ,		JunomA	Rate	JinU	AiD C	JnuomA 9	וגמוב	7	3		L
		`_	, , , , , , , , , , , , , , , , , , ,	,	-7-0	7:11		Janoa A	91sA	JinU	Qty_		
	Remarks	gaive	Excess		1 Decembe			et 2021)	at Decemb	re or ylu	լ 18է) 🚽		.oN
			ari Est	st Estimate	്യ Kongh co	рәриәш	A 19q sA	st Estimate	Kondy co	bbroved	A 196 SA		Sr.
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		n ,	4								F.		
									*				



1		0	10265	36281	3082.5	¥S%	ZZII	26016	2210.4	¥S%	1211	Cement plaster 1:5 upto 20' height %" thick	11
		04879	0	338688	31418.2	%Kg	8201	40e528	19896.45	%K@	5033	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) deformed bars Grade-40.	
		7 66 <u>7</u> 7	0	189200	9.759	∄O,¶	325	76179 2	4 05.4	ħЭЧ	1 /99	Reinforced cement concrete in root slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects 1: 2: 4 ratio	
		0	39887	350035	32320.85	∄ 2%	1083	021172	25.8803S	₩O%	1083	Pacca brick work in ground floor with cement, sand mortar Ratio 1:6	8
		0	2223	PLLZ	33.4133	₩S%	129	1684	9E.197E	¥S%	159	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating with one coat of bitumen and one coat of polythene sheet 500 gauge ratio 1:4 1/2" thick	
		0	SE33	999 Z	8.0098	¥ S %	68	2 005	26.242.95	¥S%	68	Providing and laying damp proof course of cement concrete 1.2: 4 including bitumen coating with one coat polythene sheet 500gauge 1.5" thick	9
		0	32894	78706	3.81418	%K9	882	06973	96661 9	%Кд	288	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) deformed bars Grade-40.	
		Q	53138	2025 6	9 .7 6 9	P.Cff	† 6	Z Y38 Y	98.16Z	₽C£	7 6	Reinforced cement concrete in slab of rafts \ strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizental shuttering) complete in all respects:- Type C (nominal mix 1: 2: 4)	-
ŀ		0	67844	Z09661	30137	#O%	799	154834	23388.75	₩O#	799	O'I OURL LINE LINE OF THE PROPERTY OF THE PARTY OF THE PA	3
	CI	0	<u> 76762</u>	£1377	34.87112	₩O%	998	91774	1.75051	₩C#		Cement concrete brick or stone ballast 11% " to 2" (40 mm to 50 mm) gauge, in foundation and plinth Ratio 1: 6: 12	7
}	13	12	· LL	JunomA 0r	93eA 6	tinU 8	AiD 7	3nuomA 8	Rate 5	7	3	z	ı
	Kemarks	Saving	Excess	r 2022)	յ Decembe	uly to 3	(1st)		st Decemb	pproved uly to 31 Unit	A neg eA L tet)		ns oN 7
	•	u.	.									uojjaµosəq Page 104	

						•						respect.	
												screws I/C all C.P. fitting and painting 3 coats complete in all	
									·-			panes M.S. box section \%"X\%" of 16 SWG for fixing 24 SWG wire gauze on outer side by means of \%"x1\8" M.S. flat and	
							2	••	Maria Barangan		-	glazing 3/8"x3/8" using 16 SWG sheet 'U' shaped rubber supported with 1"x1/8" M.S. flat for fixing 3/16" thick glass	
_		9849		L918 1	GE G091	l liera		Lence	00.000	100.1		frame 2"x1%", leaves frame 1-%"x1" box section frame for	garage Kala
		3623	-	12101	1606 36	<u> </u>	30	Z68E9	98 '869	#S.9	06	Providing and fixing windows consisting of M.S. box section	23
		O	670S	1068	8.61	Л Я.Ч	261	1822	97.6	<u> ਜ</u> ਸ	461	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels Size 1%" x 3/8" thick	22
						(Single						including surface finishing and dividing in panels (c) 11%"(40)	1000
		0	9687	12722	1.7269	₩S%	328	12352	4672.25	#S%	328	Providing and laying topping of cement concrete 1:2:4,	12
			·									finishing and curing complete (including screening and washing of stone aggregate) Ratio 1:2:4	
		0	9116	76172	£.£3 7 9£	#JO%	₹ P	18081	24433.2	₩C#	7 /	foundation, complete in all respects Cement concrete plain including placing compacting,	
			1.000	A 10 10 10 10 10 10 10 10 10 10 10 10 10	L'LOLO	100						2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor	
		0	1398	20632	<i>p</i> 4946	# 3%	218	18617	Z 96 1 9	#2%	218	Providing, laying, watering and ramming brick ballast 11%" to	6L
	***	0	7352	2213	3429.85	มว%	122	5856	ે 6૪કા	#2%	7 2 1	outside, 3 mile Supplying and filling sand under floor; or plugging in wells.	
												mort besearch drise wen diw ste noisbruot mort drise	
		0	0	0	38.48481	#20%	0	0	13228.6	#30%/	0	earth from foundation, etc Filling, watering and ramming earth under floors with surplus	
		0	1121	8997	91-0609	#20%	2١6		9.7988	#30%	216	Filling, watering and ramming earth under floors with surplus	ا9
		0	2099	74722	⊅ 669£	₩S%	614.875	16145	S625.8	#S%	S19	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20" height 1:3 ratio	
												finishing complete in all respect as approved & directed by	
												(1:3), 3/4" thick Cement Sand mortar including cost of laying,	Service.
		90068	. 0			13.2		90068	120	#8.9	742	P/F Terracota Khaprail Tites of approved design and colour on top of slope of window shade & roof, said over bed of	
		31094	0	Turkiya r			4.5	3109⊄	27.7622	¥S%	1323	Cement plaster 1:4 Upto 20" height 3," thick	13
		.4		*			·					oxide pigment in cement pointing to match with the colour of bricks.	
	pe de	0	P9899	2 939 4	98.4914	116%	1353.25					Ceraent pointing struck joints, on walls, upto 20' (6.00 m) hiengt vatio 1:2 i/c Extra cost of labour and material for red	
	£L	12	11	01	6	8	7	9	g	7	3	12- 00 9) 100 star. allow an atrioi Vourte pritring trages	C) L
				JunomA	Rate	JinU	Qty	JunomA	Rate	JinU	ΛίΩ		i
	Remarks	Saving	Excess	and the second s	Decembe	2.0			st Decemb				.oN
				et Estimate	Rough cos	pəpuəu	1A 19q sA	et Estimate	Rough co:	pproved	्र A 199 A	uoitdiased Describtion	Sr.
- 1	** *** * *	35 *	a			ا الر		, to the				1 Fage 100	

Вешатк в	Saving	Excess	(zzoz J	Decempe	ily to 31	u(ist)	PL 2021)	et Decembe	ily to 31	յր յել)	
. X	-		JunomA	Rate	inU	QtA	JunomA	Rate	JinU	Qty	
£l	12	l l	Or	6	8	2	9	ç	7	8	2
	0	17574	17874	92.56£1	#S.9	34				:	Iron door comprising of specified leaves made of 1-1/4"x1-4/4"x3/16" MS angle iron for leaf frame, diagonal and
											norizontal braces duly welded with MS. sheet 18-SWG i/c the cost of sliding bolt, tower bolt and painting 3-coats but excluding the cost of Showkat complete in all respect as approved and directed by the Engineer incharge Double Leaf
	Z998Z	0					Z998Z	98. 248	₩Sd	Þ E	Providing and fixing 1½" (40 mm) thick deodar wood panelled or panelled and glazed, doors and windows, with mild steel chowkat (frame), etc. complete in all respects (excluding sliding bolt or lock) with M.S. angle iron 1½"x1½"x1½", welded (40 mmx 40 mmx 6mm) with M.S. flat 22"x¼" (50 mm x 6 mm) (1103.25 - 260.40)
	O	126561	199991	340 3 2	#S. q	1 990					Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge 600mmx 600 mm
	0	96898	96898	3€.04€	₩Sid	104					Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesivel bond over 1/2"thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge Full body Glazed Tile directed by the Engineer Incharge Full body Glazed Tile
	100280	0					100280	812	₽S₽	7.1	P\L Prepolished Porcelain Tile "Master" With Dry'\ Wet Venied Application, DWV Series (Light Color) Class SB, 16"X16" Size laid over a bed of 3\4" thick C\S Mortar 1:2, i/c filling joints with white cement mixed with matching pigment complete in all respect as Approved By The Engineer complete in all respect as Approved By The Engineer Incharge (For Floor)
	54336	0					5 4336	734	∄S .d	nang sign	P/L Prepolished Porcelsin Tile "Master" With Dry / Wet / Venied Application, DWV Series (Light Color) Class SB, 16"X16" Size Isid over a bed of 3/4" thick C/S Mortar 1:2, i/c filling joints with white cement mixed with matching pigment complete in all respect as Approved By The Engineer complete in all respect as Approved By The Engineer photostage (For skirting)
	0	6633	16107	1283.5	#S%	2211	8996	812.9	¥S%	2211	chalk (614.20+198.70) Distempering new surface two coats with primary coat of

	96L	0	1085	7.12	∄A G	09	1280	25.6	ਸ਼ੁਸ਼:ਖ	09	920.0/7	<u> </u>
	0	3495	0177	7.62	ਸ਼ੁਸ਼ ਖ	300	4215	14.05	ਸ਼ੁਸ਼.ਖ	300	670.0/6	
	0	0									Supply and erection of single core PVC insulated, PVC sheethed copper conductor, 250/440 volts grade cable (BSS 2004), in prelaid PVC pipes/M.S. conduit/G.I. pipe/wooden strip batten/wooden casing and capping/trenches, etc. (rate for cable only).	
	0	1680	4730	9.46	∄A.¶	09	3020	19	n'a.	09	8iD "4/8 2	
	0	0									Supply and erection of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting fill harries, and repairing surface, etc., complete with all specials	
	0	0		135 Villa	100	("我教徒) 孫對				<u> </u>	Electric Installation	100
	0 _	30 <u>19520</u>	44 <i>091</i> 02 812 91	026/29 4	dol. 9		1326400	1326400	dol. 9		P/f of Filtration Plant of SOSAFE i/c all accessories as per specifications; pressure sand filter ss-24 1 no., jumbo sediment filter 20" (5 micron) gac-20(Activated carbon purifier) jumbo sediment filter 20" (1 micron) chlorine dosing system, Uf membranes, water collecting point, stainless steel header (SS 304) with 6 Nos water taps, UPVC face piping from sand Fiter to UF membranes 1 job as directed/approved by Engineer Incharge.	3.
	0	6888	₽ 9 1 62	S0963.65	11 5%	27 L	20865	94.56941	¥S%	741	Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over %"(13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing using grey cement %"(13 mm) thick	
	0	1401	4 266	31 <u>2</u> 64	ग्रेड व	8	7236	Z18	∄8.'q	8	Providing and fixing M.S. flat ½"x1/8" (13mm x 3mm) grill including ¾" x 1/8" (20 mmx3 mm) M.S. flat frame, in windows of approved design, including painting three coats complete in all respects.	
	0	06₺		207.15	#S q	8	7011	6 0-1	110 1		Siellii deboow	
	∠669 ₽	0	2331	31/206	D 0#	* (7669 1	911E	#S d #S%	1508.25 8	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface. 2 coat surface: 2 coat.	
13	12	11	OL	6	8	1 37 V	9	ç	Þ	3	3	ŀ
ewstks		Ехсеза		Rough cos			st Estimate er 2021) Amount	Rough cos st Decemb			· · · · · · · · · · · · · · · · · · ·	18 oN
		ei ¥ ∴ik			- Ž			1+1	,			

		0	0			-						Water Supply	
		."				Ì						Engineer Incharge.	
			·									Complete In All Respect As Approved & Directed By The	
		1325	0					1362	338	Each	Þ	S/E Of Led Light (08 Watts) Of Approved Manufacturer	50
	1		٠,	٠				·					
					i An Lin	N.						respect as approved and directed by the Engineer Incharge.	
		0	0971	0921	077	Esch	7	Mac	*	\$1		Supply and erection of LED Bulb 12 Watt Complete in all	
				·		ŀ						spoe, open type.	
		169	0					1£9	38.731	Each	b	Supply and erection of 3 pin 10/15 Amp, wall socket with	81
										1.0			
						:	1.50					respect as approved and directed by the Engineer Incharge.	
			÷ing in the state of the state						12			of volt meter, ampere meter, indicator bulb complete in all	
				,								Amp (SP) 2 Nos. i/c 3 coats painting, cable connection, cost	
				C1/11				Maria de la Calendaria de Calendaria de la Calendaria	La Carlo Maria de la Carlo de			30-00 (iii), solv S (92) qmA 02-11 (ii) olv 3 (9.2) qmA 01-0	
				5 4 W		*						Fuji/Terrasaki with neutral link with the following breakers: (i)	
			00017	0000+	00004	HODE	1			Liona		housing of automatic miniatuere circuit breaker	8
		0	96842	43580	43580	Each	V 33	18744	18744	Each	<u> </u>	9/F pannel board made of 18 SWG M.S sheet 12"x18" size	
4		0	E73	<u> </u>	104 12	Esch	7	カヤト	98	Each	7	Supply and erection of button holder	
1												Engineer Incharge.	
		1248	0		a the said of the	l.		0171	001	רמטוו	_	Complete In All Respect As Approved And Directed By The	
	Angelon and Angelon	0	2000	0004	0007	Each	1 12	5000 S	126	Each	- 8	P/F Of Switch Single Pole One Way Imported Best Quality	
- 1		· U	0006	0002	0002	4003	k	5% 0009	2009	Each	<u> </u>	S/E of ceiling fan 56" sweep complete in all respect	PL
					The state of the s		7					Appeceasal alalia not uo furnauri furna n	
									1.44			electric wire / cable for suspening rod and board connection & cutting threading on rod where necessary	
					■ 及方案。	r:						carriage from local railway station / store to site of work	
		0	120	463	9'79#	Esch∵	1. 333	313	315.5	Esch		Erection of ceiling fan along with regulator all size I/c	
				207	建作品 (5)	,	F . 187.	CPC	3 6 7 6	\$7003	 	placed at the time of casting of slab:	
1	Live Medical	0	6l	89	8.78	Each	L WG	67	9Þ 6Þ	Езср		Supply and erection of 3/8" (10 mm) dia M.S. bar fan took,	
		288	0	- 50	0.20	1		76 Z88	767	Esch	3	For 1-6 Switches	
	3. 06.00	894	0					8917	234	Each	2	For 1-3 Switches	
·					11 14 22 16 1	.=		MATERIAL PROPERTY.	1.0.0		 	the Engineer Incharge.	
												charges complete in all respect as approved / Directed by	
		0	0					1 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			•	S/E of wall box plastic frame (Hi-Life) lovery colour i/c fixing	
		0	3488	3488	1162.5	Each	€ 3	(A)	19994	3		Large 06 Gange	
		0	1485	1485	742.5	Esch	7					One way Gange Switch Small 03 Gange	
	1 4		1.20									77 1 2 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	\vdash
									·	ĺ	ĺ	and directed by the Engineer Incharge	
										l .		of Hi-Life / Bush / Schenider, screws complete as approved	
											*	switch holes i/c the cost of switches / sockets / dimmer made	
		0	0		:			1				P/F PVC double layer Switch kit Face plate with specified	
	્રા પુર	21	ll.	10	6	8	Z	9	9	Þ	3	7	Ť
	$\lambda_{i,j}$			3nuomA	Rate	JinU	σtγ	JunomA	Sate	JinU	QtA	<u> </u>	
	0318111031	Butano	0000V7	(7707	001110000		(sou)	/					.oN
-4	Remarks	gnivs2	Excess		l Decembe				st Decemb				Sr.
				et Estimate	Ronah coe	hahnam	А төп <i>2</i> А	st Estimate	Rouah co	pavorgo	.А т <u>эа</u> гА	Descubiou Descubiou	, ~
s eest s j		k	7. T.		· ·)		V .			- C	Page 108	,
		4					1.4		.*				- : :



্	Description				, •	 	<u> </u>				1 .4)	
Sr.		As per A	Approve	Rough c	ost Estimate	As per	Amende	d Rough c	ost Estimate			
No.		(1st .	July to 3	1st Decem	ber 2021)		july to 3	31 Decemb	per 2022)	Excess	Saving	Remarks
1	2	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount		l e A	14. 15.
1	Excavation in trenches in all kind of soil, except cutting rock,	3	4	5	6	7	8	9	10	11	12	13
	for water supply pipelines upto 5 ft (1.5m) depth from ground	12800	%0Cft	5755.2	73667	12800	%0Cft	7623	97571	23904	0	+
	level, 1/c trimming, dressing sides, leveling the beds of					<u>'</u>	j]				
-	trenches to correct grade and cutting pits for joints etc						<u> </u>		_			
	complete in all respect.		1.1						.]	·		1
2	P/L PPRC pipe PN-20 for hot and cold water		140.5									
	Dadex/Beta/Abshar i/c making iharries in existing brick									0	0	
	masonary and the cost of pipe (fusion threaded) i/c cost of											
Ι.	solution of same quality etc complete by the Engineer						1		1 / 3			
<u> </u>	Incharge			."								
3	From Filteration room to distrubtion line 63 mm.	1200	P.Rft	414	496800	1200	P.Rft	378	453540		40000	
5	do40 mm	1100	P.Rft	170	187000	1100	P.Rft	161	177430	0	43260	75 ::
6	do 25 mm do 20 mm	1500	P.Rft	93	139500	1500	P.Rft	67	99750	- 0 -	9570 39750	1 St. 1
		1000	P.Rft	83	83000	1000	P.Rft	48	48100	0	34900	
'	P/F ₂ C.P ₂ bib cock Master Made complete as approved by the Engineer Incharge	10	Each_	2226	22260		1 71.72	CONTRACT.	10100	0	22260	
8	Providing and fixing chromium plated bib cock: 2 cm (3/4")	<u> </u>	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		Le Charge &					A	22200	
	1 royaling acto fixing chrothlum plated bib cock. 2 cm (%")	- 71s				10	Each	1015	10150	10150	-0	
9	Providing and fixing CP heavy duty brass Ball valve with CP		section con-			<u> </u>		1.75	17.5			31.5
	handle of specified diameter made of Faisal/Sonex / Master	Cigar di g Ti	1414	atā No		20	Each	990	19800	19800	0	73.5
	best quality or equivalent complete in all respect as											
L	approved and directed by the Engineer Incharge.			3			P.	4.64%				
10	1/2" dia - 🐫 💮											
11	do 1" dia.				1 4 4 7 44 7	24 52	Each	1674	40176	40176	0	
12	do 3/4" dia.	ve e	384 - T. C.			52	Each	1434	74568	74568	0	
13	P/F ball valve / control Valve complete as approved by the	20	Each	864	17280		30.38		 	0	0	
<u> </u>	<u> Engineer Incharge:1.5" dia</u>									0	17280	3.64 4.4
14	do 1" dia	24	Each	732	17568	4 Spr. 1	2) 15 gr	2000 WAR 10 10 10 10 10 10 10 10 10 10 10 10 10	-		47500	
15	—do— 3/4" dia.	52	Each	348	18096		e degrat gig		4099312	0	17568	Mileber William
10	S/E of Electric Water Cooler NESGAS made 65 ltr Capacity	10	Each	61000	610000		3.3	3. No.	42234	0	18096	
 	(Qutation Attached)		19 - 10 mg				4		4562-158		610000	
 			当 禁止性 國家	Total: -	4786563		- 200 x f		-4585600		200963	
		Add :	3% Cont	ngëncy: -	143597	1	12104 F	36865	137588	- 0 -	6029	
E-	Fire Alaram System	3 (1)	シャー 海泉電	Total: -		12223744	64907	12 -	4 723167		200370	07769
	Provision of ATS system and Panel Board		#		* *	1	P.Job	7684668		7684668	<u> 200370</u> /	<u> </u>
	Electric Panel Room		· · · · · · · · · · · · · · · · · · ·	* (*)		1	P.Job	29779840		9772940	0	
	Provision of Tuff Pavers (Road networking,External pathw		<u> </u>			300	P. Sft	3943		1182900	0	

	Description				,		F1	,			1 1	
Sr. No.		As per (1st	Approve July to 3	d Rough co 1st Decem	ost Estimate ber 2021)	As per (1s	Amende	ed Rough c 31 Decemb	ost Estimate er 2022)	Excess	Saving	Remarks
1	2	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount			
	Providing and laying Tuff pavers, having 7000 PSI, crushing	3	4	5	6	7	8	9	10	11	12	13
	strength of approved manufacturer, over 2" to 3" sand	6225	P.Sft	192	1195200					0	1195200	13
	cushion i/c grouting with sand in joints i/c finishing to require		1		1		-		1		1190200	
	slope complete in all respect. (50% Grey / 50% Coloured)		-	<u> </u>	-		-		-	· ·		
	Too-mu thick				1		1.	1	ł			·
	Providing and laying Tuff pavers, having 7000 PSI crushing	32500	P.Sft	209	6700500		<u> </u>	_				'
	strength of approved manufacturer over 2" to 3" sand	100	1 .01	209	6792500	1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			0	6792500	
	custion I/C grouting with sand in joints i/c finishing to require			1.		İ		•				· ·
	[slope complete in all respect, (50% Grev / 50% Coloured)]					٠.			1 3 3			·
	80-mm thick						1 0 0 1 7 1					
	Table State Table State	1,200	李 编 (4)。	Total: -	7987700		6846				974, L.	
	MRAN MARKAN AND AND AND AND AND AND AND AND AND A	Add	3% Con	tingency: -			1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1,339,173,4	0	7987700	
		1 200	10/4	Total: -			建筑路 。			0	239631	
G	Provision of External Weiting A 0 D		数でと	Say: -		1 1	i and		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0 0	8227331	
1	Provision of External Waiting Area & Parking facility Making And Fixing Fiber Glass Shed 2Mm Thick Made Of	1546	16.1 V		(1) A. 新新年 (1)		5.80/4014		Programme Commission		8227300	
Jy V	Fiber Glass Sheet Double Ply Fixed On Angle Iron For Truss	3600	P.Sft	650	2340000		· 和 教 的。		88 77 1 W 18.	0	2340000	
	Roofing 1-1/2"X1-1/2"X1/4" Welded With 9"X9"X1/4" Thick					* .	10.00				2340000	
.]	M.S. Plate At Top And Bottom Of G.I Pipe 4" Dia And 11'		- 1	i				light.	2 4 4 4 5 4 4 5 4 5 4 5 6 5 6 5 6 5 6 5 6		W. S.	
1	Tight = mbedded in Pcc 1:2:4 1-1/2X1-1/2X1-1/2 At Rottom			·				ľ.	× isti			
	I/C Rubber Packing & Silicone Filling Painting 3 Coate			j								
- 1	Complete in All Respect As Approved And Directed By The	1.0										
l	Engineer Incharge.											
								Ĭ.				
2	Providing and laying Tuff pavers, having 7000 PSI, crushing	1200	P.Sft	105.55	126660	· · · · · · · ·						
ŀ	strength of approved manufacturer over 2" to 3" sand	aut l		.00.00	12000					0	126660	
- 1	cushion I/c grouting with sand in joints i/c finishing to require					\$1.5 \$1.5 \$1.5						
	slope complete in all respect. (50% Grey / 50% Coloured)		(j.)	41,		:						
- 1	OU-IMM MICK		7.50 (4.50) - 1.50 (4.50)									
		1.55		Total: -	2466660		t Chekak			1 13 3 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	040000	
\neg	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Add	3% Cont	ingency: -	74000	š. :	10 50 A M	, (C.)		0 0	2466660	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
_				Total: -	2540660		3. 改成的特	ANT STEEL			74000 2540660	
H	Provision of OHR 10000 Gln capacity			Say: -	2541000			NE ST			2541000	
1	Excavation in foundation of buildings bridges and other	1940	0/ - 05	2077	2000年8月1日		- Ay	4.1	2		-UT 1000	
	structured I/c dag bellin, dressing, refilling affound structure	1848	%oCft	8078.4	14925	1944	%oCft	10677.75	20758	5833	0	
h	with excavation earth watering, and ramming lend upto one]	. ""		- 1					45. F = -	-	
[0	chain and lift upto 5'	-[ŀ		1			· · · ·			j	
2	Cement concrete plain including placing compacting	182	% Cft	19052.4	24500	40-						1
- 13	inishing and curing complete (including screening and	102	70 CIL	19002.4	34580	107	% Cft	27431.7	29352	0	5228	
١	washing of stone aggregate): ratio 1:4:8		ľ				!			1		Pag

Page 110 F

Sr. No.		As per A	approved	l Rough co ist Decemi	est Estimate per 2021)			Rough co	er 2022)	Excess	Saving	Remarks
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	-		
1	2	3	4	5	6	7	- 8	9	10	11	12	13
3	Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned_in_(i)		P.Cft	291.35	229587	477	P.Cft	438.75	209284	0.	20303	
	above not requiring form work (i.e. horizontal shuttering) complete in all respects Type C (Nominal mix 1:2:4)											
	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ,	259	P.Cft	435.35	112538	160	P.Cft	594.15	95064	Ō	17474	
	complete in all respects Type C (nominal mix 1-1/2:3)					:						
5	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects Type C (nominal mix 1-1/2:3 (above 20' height.)		P.Cft	464.05	170306	123	P.Cft	632.25	77767	0	92539	
6	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects Type C (nominal mix 1-1/2:3 (above 30' height.)	710	P.Cft	492.75	349887	123	P.Cft	670.35	82453	0	267434	
7	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects Type C (nominal mix 1-1/2:3 (upto 40' height.)					795	P.Cft	708.45	563218	563218	0	
	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and chairs, etc. and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) Deformed bars (Grade-40)	9221	% Kg	19996.45	1843789	6089	% Kg	31418.2	1913054	69265	0	
	Filling watering ramming earth under floor with with new earth excavated from outside, lead upto one chain (30 m).	1232	%oCft	7509.2	9253		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			0	9253	with
	Supplying and filling sand under floor or pluging in well.	155	%Cft	1879	2913	65	%Cft	2583	1679	0	1234	<u> </u>
11	Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.	132	%Cft	5495.7	7254	65	%Cft	9464	6152	0	1102	

Sr.	Description			l Rough co Ist Decemb	st Estimate				st Estimate	Evene	6	B
No.		Qty	Unit	Rate	Amount			1 Decembe		Excess	Saving	Remarks
1	2	3	A	Kale	Amount 6	Qty 7	Unit 8	Rate 9	Amount	11	40	40
12	Mosaic dado or skirting with one part of cement and marble	_ 1	% Sft	15455.45	103861	709	% Sft	20953.65	10 148561	44700	12	13
	powder in the ratio of 3:1 and two parts of marble chips laid over 1/2" thick cement plaster 1:3 i/c rubbing and polishing complete.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	70 011	10400.40	· · · · · · · · · · · · · · · · · · ·		70 OIL	20933.03	146301	44700		
	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels 1-1/2	400	%Cft	4672.25	18689				1, 7, 2, 3,	0	18689	
14	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels: 2" thick					240	%Sft	8828	21186	21186	0	
15	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels 1-1/2"x3/8"	200	P.Rft	9.25	1850	240	P.Rft	20	4752	2902	0	
	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels 1-1/2"x3/8"		P.Rft	9.25	1850					0	1850	
	Providing and fixing terrace railing of 2" (50 mm) i/d conduit pipe 16 SWG, welded with 5/8"x5/8" (16x16 mm) square bar 2.75 ft. (838 mm) high fixed at 5" (125 mm) centre to centre, in reinforced cement concrete slab with suitable arrangement, complete in all respects, as per design and drawing		P.Rft	981.85	62838	122	P.Rft	1588.2	193760	130922	0	
	P/L gauge complete in all respect as approved / directed by Engineer incharge		Each	18000	18000	1,	«Each	30000	30000	12000	0	
19	Providing/fixing stair railing consisting of M.S. Box section size 1-1/2"x3" of 16 SWG welded with M.S. flat 1"x1/8" continuously and welded over M.S. square bars 5/8"x5/8" punched in M.S. flat 2 ¾ high @ 5½" c/c fixed in steps of stair I/C painting 3 coats complete.		P.Rft	907.3	72584	128	P.Rft	1062.45	135994	63410	0	
20	Providing and fixing sluice valve of B.S.S. quality and weight, Class B', for cast iron pipe line, and Asbestos cement pipe line (including cost of jointing material) 4"dia		Each	9491.95	18984	2	Each	18331.5	36663	17679	0	
21	Providing and fixing bell mouth placed at time of costing of bottem slab.	4	Each	3500	14000	4	Each	5300	21200	7200	0	
	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I. pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves 4"medium quality		P. Rft	902.4	162432	260.16	P.Rft	1564.95	407137	244705	0	
23	P/F 24" dia C.I Man hole cover on top of servitor with ring complete in all respect.					2	Each	2051.15	4102	4102	0	

No.		As pe (1s	r Approver Approver Approve	ed Rough 31st Dece	cost Estima mber 2021)		Amend	ed Rough	cost Estimate	1		
1	2	Qty	Unit	Rate	Amount	Qty				Excess	Saving	,
24	The street of th	3	_ 4	5	6	7	Unit		Amount			- 1
ł	quality on external surface of building i/c preparation of	1				 _	8	9	10	11	12	+
	or primer complete in all respect 2 coats.					2951	P%St	t 5245.3	154789	154789	0	\dagger
25 26	Pacca brick work 1:6 in foundation & plinth for plinth. Filling watering ramming earth under floor lead upto 3 mile.	ate (5)		 								
	under floor lead upto 3 mile.	No City			- -	180	%Cft	30137	54247	E4047	 	\bot
27	Fabrication of heavy steel work					392	%oCft		7246	54247 7246	0	+
	etc., including cutting drilling resitting trusses, girders, tanks,					213	%Kg	32501	69227	69227	0	+
. [ercetion in position.							W.				
	Preparing surface and painting guard bars, gates of iron bars, gratings, railing (including standards, braces, etc.) and in similar open work three coat	するなった	 			700	%Sft	1805	4000		н 1 да В 1 да 1 да 1 да <u>1 да 1 да</u>	
	Day Company C	ingen er Mangerie						1000	12637	12637	0	Γ
13-13		hbA *	3% Con	Total: - tingency: -	3250120	1. 位置编写法	19		-4300282		Mary .	L
- 3		W. San	O / CON	ungency: - Total: -		\$ 5 A	ijk.		44300282	1050162	<u> </u>	
_ F	Provision of Sewerage Sysytem	William I to		Say:		2.85 建设。	(iv			952658	97504	
	Tovision of Septic Tank	89- (D) s. i	T	Oay	3350000	19.00	40	- 0	4.00	950000	<u> </u>	
!=	Xternal Sewerage	4	Each	106800	427200			1	# (Agent)	930000	0	
1 1	arth work excavation in open cutting the	State of Asia		-4 (88)	427200	3	Each	244500	733500	306300	0	
2 P	roviding laving watering and	6000	%o Cft	6683.3	40100		%o Cft	11740.4		298024	0	
fo	oundation, complete in all respect	1476	% Cft	5495.7	81117	3600	% Cft	9464.4	- W. 1974	259601		
CE	ement concrete 1:11/-3 conf.	2000	P.Rft	850.3	1700600					20001	0	
C- fa	-76-20, Class II. Wall B, including carriage of pipe from				17,00000	600	P.Rft	1181.8	709080	0	991520	_
Jali	ignment and grade jointing with a the grade to correct											
	here necessary, testing, etc., complete 460 mm (18") i/d		7 °.									
173	- min (10) // va			no 3				:∫.				۲.
			~	*** 4		300	P.Rft		and the second second		N 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

	Description			<u>.</u>	t. 7		ایسمس -ناد	<u></u>		¥.	a f	
Sr. No.		As per A (1st	pproved	d Rough co: 1st Decemb	ost Estimate ber 2021)		Amended july to :	d Rough co 31 Decembe	ost Estimate per 2022)	Excess	Saving	Rem
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	1	_	
	<u> </u>	3	4	5	6	7	8	9	10	11	12	+-
	Providing and laying R.C.C. pipe sewers, moulded with cement concrete 1:11/2:3 conforming to ASTM Specification C-76-20, Class II. Wall B, including carriage of pipe from					900	P.Rft	695.6	626040	626040	0	+-
	alignment and grade, jointing with rubber ring, cutting pipes where necessary, testing, etc., complete310 mm (12") i/d							1.				
	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with `B' Class working pressure pipe, in trenches, complete in all respects:- 6" i/d (100 mm)					700	P.Rft	871.55	610085	610085	0	
	Providing, laying, cutting, jointing, testing and disinfecting P.V.C. pipe line with B' 4" dia Class working pressure pipe, in trenches, complete in all respects:-	99) 80) 80) 9	P.Rft	318.3	827580	1000	P.Rft	440.65	440650	0	386930	
	Providing and installing P.V.C. bends, of B.S.S with class B 4"dia		Each	6/404.8	46552	115	Each	543.55	62508	15956	0	
	Providing and installing P.V.C. tees, of B.8.S with class B 4"dia	115	Each	×1140.15	131117	115	Each	1586	182390	51273	0	
10	Provision man Hole size 2.5 x 2.5 (Detailed Attached)	60	Each	941500	2490000	40	Each	52400	2096000	0	204000	1 1/2
				Total: -	5317066		Lacin	, 02400	5693745	376679	394000	4
\vdash	et e	Add '	3% Con1	tingency: -		1		, 	_1 70812	11300	7 0	1
 	The Marian		Total S	ewerage: -	5903778	(, 	6598057	694279	0	+
 	(D		:	Say: -	5903800	(, 	.6598100	694300	0	1-
	Provision of Panel Board i/c Electric Cables	T.	1	(1 /914		(.——	*******	007000		1

	Sr. No.	Description	As per /	Approved July to 3	l Rough co Ist Decemi	ost Estimate per 2021)	As per /	Amended	Rough co	est Estimate	Excess	Saving	Rem
			Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	-	Juvilla	IXGIII
	1	2	3	4	5	6	7	8	9	10	11	12	1
	1	Supply At Site, Fabrication, Installation, Testing,	1	Each	450000	450000					0	450000	
		Commissioning And Connections Of Wires/Cables Of								·	J	100000	
		Distribution Boards Concealed Type To Be Installed On Site											
		And Made Of Ms Sheet 16 Swg Degreased And Degusted, Zinc Phosphate, Finished With Electro-Static Powder		1					* .		-		
ž.		Coating Of 15 Micron Thickness In Approved Colour With											
		Hinged Door, Flexible Earthing Strip Lockable Handle,								·			200
		Catcher Earthing Bar Neutral Strip, Internal Wiring From											
-		Mcbs Terminating On Cable Terminal Blocks, Including Cost				. :			1			evel.	
		Of All Necessary Materials. All Dbs Mentioned Below Shall								· .			
:		Have 3 Phase Indication Lamps Transformer Type Of Colour					1				grande de la companya de la company La companya de la co		
		Red, Yellow, Blue And 1-Voltmeter Scaled 0-500 V. With											
Tarana Tarana		Voltmeter Selector Switch Including All Incoming And		3.5	3.25		··.	į,					
	·	Outgoing Breakers Manufactured By Siemens, Abb, Clipsal					Çeşî	- 1					
		Or Approved Equal. Complete in All Respect And To The Instruction Of The Engineer In Charge.											300 m
		Incoming: -1 No: 600 Amps 3 Phase Adjustable Mccb With						7	100		e general a	- 6	
		Overload And Short Circuit Protection, R.C. Not Less Than	,					:					
		25 Ka, With Additional 4 Copper Flats For Cable				Ag Million						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	200
		Connections On Incoming Side Of Mccb.		. H.,					1 4 1 2 3 4				
		Outgoing: - 2 No: 400 Amps 3 Phase Adjustable Mccb With		13.									
		Overload And Short Circuit Protection		1.49									
					17 (d)					i	:		
	2	Supply And Erection Of Sub Distribution Power Boards	2	Each	135900	271800			1.5		0	271800	
		Concealed Type To Be Installed On Site And Made Of Ms									, in the second	27,1000	
10		Sheet 16 Swg Degreased And Degusted, Zinc Phosphate,				Ng. J							
	ezanek Ligizaria	Finished With Electro-Static Powder Coating Of 15 Micron				w	134,644 (34) 134,641,743						
		Thickness In Approved Colour With Flexible Lockable											
	6-1	Handle, Indication Lamps 1-Voltmeter Scaled 0-500 V. With Voltmeter Selector Switch Including All Incoming And	60 ₁₇										
	4	Outgoing Breakers Of Approved Manufacturer Complete In	4. 8. 7.										
		All Respect As Approved And Directed By The Engineer	- 								, and the second		
		Incharge.							9 %				
4		Incoming: - 1 No: 400 Amps 3 Phase Adjustable Mccb With								- v -			
		Overload And Short Circuit Protection		4.	44 44			<u> </u>					
		Outgoing: - 6 Nos: Mccb Tp 200A 18Ka						ı		. ** *			

	Sr. No.	Description	(1st	July to 3	1st Decemi		(1st	Amende july to	d Rough co 31 Decemb	er 2022)	Excess	Saving	Rem
	1	2	Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount			
\vdash	3	Supply And Erection Of Sub Distribution Boards For Lights	3	4 Each	5	6	7	8	9	10	11	12	1
		Concealed Type To Be Installed On Site And Made Of Ms Sheet 16 Swg Degreased And Degusted, Zinc Phosphate, Finished With Electro-Static Powder Coating Of 15 Micron		Each	115800	231600					0	231600	
		Thickness In Approved Colour With Flexible Lockable Handle, Indication Lamps 1-Voltmeter Scaled 0-500 V. With Voltmeter Selector Switch Including All Incoming And Outgoing Breakers Of Approved Manufacturer Complete In All Respect As Approved And Directed By The Engineer Incharge. Incoming: - 1 No: Mccb Tp 200A 18Ka (Hitachi) Outgoing: - 20 Nos: Mcb 1 Pole 20A, 6Ka (Lr), 15 No. Mcb 1 Pole 6A, 6Ka (Lr) (Legrand)											
		Supply And Erection Of Distribution Boards Concealed Type To Be Installed On Site And Made Of Ms Sheet 16 Swg Degreased And Degusted, Zinc Phosphate, Finished With Electro-Static Powder Coating Of 15 Micron Thickness In Approved Colour With Flexible Lockable Handle, Indication Lamps 1-Voltmeter Scaled 0-500 V. With Voltmeter Selector Switch Including All Incoming And Outgoing Breakers Of Approved Manufacturer Complete In All Respect As Approved And Directed By The Engineer Incharge. Incoming: - 1 No: Mccb Tp 125A 15Ka (Hitachi) Outgoing: - 20 Nos: Mcb 1 Pole 20A, 6Ka (Lr), 15 No. Mcb 1 Pole 6A, 6Ka (Lr) (Legrand)		Each	115800	1158000					0	1158000	
		Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only) PVC insulated, PVC sheathed 4 core 660/1100 volt grade cable, armoured with G.I. wire 16 SWG 37//1.83 mm (37/0.072")		P. Mtr	6356.4	1589100					0	1589100	
		Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only) PVC insulated, PVC sheathed 4 core 660/1100 volt grade cable, armoured with G.I. wire 16 SWG 19/2.11 mm (19/0.083")		P. Mtr	4675.45	888336					0	888336	
		Supply and erection of copper conductor cables for service connection, in prelaid pipe/G.l. wire/trenches, etc. (rate for cable only) PVC insulated, PVC sheathed 4 core 660/1100 volt grade cable, armoured with G.I. wire 16 SWG 19/1.63 mm (19/0.064")		P. Mtr	2479.6	396736					0	396736	

Sr	Description		- <u>-</u>		n	1	<u> </u>				P	
No	or I and the first term of th	(151	July to	31st Decer	cost Estimate ober 2021)		Amende july to	d Rough o	ost Estimate per 2022)	Excess	Savina	
1	2	Qty	Unit		Amount	Qty	Unit	Rate		-	Saving	Rei
8	Supply and erection of copper conductor cables for service	3	4	5	6	7	8	9	Amount			4_
			P. Mi	901.6	126224		 	 	10	11	12	
	cable only) PVC insulated, PVC sheathed 4 core, 660/1100 volt non armoured cable 7/1.63 mm (7/0.064")		_							0	126224	
9	Supply and erection of copper conductor cables for service	<u> </u>	×6.] .].			
		300	P. Mt	451.8	135540						100	1
									1.41 ¹¹ 8.41	0	135540	
	volt non armoured cable 7/1.12 mm (7/0.044")			1	A Since		}	\$** 				
								a t		1		
<u> </u>			1 1000000	Total:	1 2015	<u> </u>		112 (1) 112 (1)				
1.75	· · · · · · · · · · · · · · · · · · ·	Add	3% Cor	ntingency:	5247336					0	5247336	
- 4.	The state of the s		di di	Total:	157420 5404756			de la companya della companya della companya de la companya della		Ö	157420	
K	Provision of Street Lights		F#RE	Say:	5404800					0	5404756	
*B 3	Supply and erection of PVC pipe for white	050	VARY.		有数据数据		- 1 A	Section 1997		0	5404800	
		850	P. Rft	135.10	114835			Agriculture of the second	<u></u>	0	0	
	THE THE MINE PORTING SUITARE ATA ASSOCIATION OF THE STATE]		1				0	114835	
].		· · · · [
	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I	550	P. Mtr	586.80	322740							!
			6.00		J22/40	j	1	: 4 d Was		0	322740	
	THE THOUSE HERE IN CAMES AND DERIVAR			'		ŀ	- 1					
				7 :			:		1			÷.
ာ ၂၊	7/5 OT Upler Electric Street Light Dales 41 D	25	Each	04505		N	1					÷
		20	Each	64596	1614900			Aug Acces		$\frac{1}{0}$	1011000	
	Nut Bolts Complete In LI Respect As Approved By The	i i		ANN I							1614900	
4 E	arthing with 8 SWG Copper wire i/c copper srip 60x10mm	<u> </u>										
		2	Each	39250	78500				i king dina			
2.0	AN ANY MANY BLACKING ISSUED IN: LUBKING NACA PARA JET TECHNOMORES I	1								0	78500	
. 17	THE STORY OF THE PROPERTY OF T						1		1			
la	pproved and directed by the Engineer Incharge.											
55	(2) \$P\$ "我们是一个老人的,我们就是一个人,我们就是一个老女女的,我们就是一个人,我们就是一个人的情况,我们就是一个人的情况,我们就是一个人的人,我们就						1					
	upply and erection of copper conductor cables for service	170	P. Rft	1425.45	242227			4/				
_	onnection, in prelaid pipe/G.I. wire/trenches, etc. (rate for able only) PVC insulated, PVC sheathed 4 core 660/1100	-		1740.45	242327	}-	T		7-	0	242327	* **
V	olt grade cable, armoured with G.I. wire 16 SWG 19/2.11	- 1					1		.	'	-72321	1.5
lm	m (19/0.083")	1.	- 1		-	1						

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Sr. No.				l Rough cos 1st Decemb	ost Estimate ber 2021)			d Rough cos 31 December		Excess	Saving	Rema
<u></u> '		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount	<u> </u>		
1	2	3	4	5	6	7	8	9	10	11	12	13
	S/E of Branch Distribution board consisting of 16 SWG M/S Sheet Box 18"x24"x6" duly powder coated i/c cost of 3 No. Volt Meter, 1 No. Ampair meter, Selector switch, LED Neon	1	Each	32100	32100					0	32100	
	Lights Bus Bar (1-1/2"x1/8") 14" thimbling at connection having glass.	1 /	1	1 : 1		ļ.	'	1 . 1	1	1		
7	S/E of L.E.D Flood Light 50 Watt Phlips made complete in all respect.	100	Each	15600	1560000		†			0	1560000	<u> </u>
				Total: -					0	0	3965402	
	高兴 11. 14. 14. 14. 14. 14. 14. 14. 14. 14.	Add	3% Conf	tingency: -					0	0	118962	
			Part of the	Total: -			- 여행기		0	0	4084364	
		:, 1	5	Say: -			en Bush		0	0	4084364	
	Construction of Gate and Gate Pillar	4	1	 '			4. 3. 3.	<u> </u>	<u> </u>	0	0	1
	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) By Manual in ordinary soil.	1				192	%oCft:	10677.75	2050	2050	0	
	Cement concrete brick or stone ballast 1½ " to 2" (40 mm to50 mm) gauge, in foundation and plinth Ratio 1: 6: 12		2 to 1 20 s 2 7 s 3 ,			24	%Cft.	21178.45	5083	5083	0	
	Reinforced cement concrete except steel reinforcement (a) rafts / strip foundation, base slab of column etc Ratio (1:2:4) without cost of shuttering.	D			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	229	PCft.	438.75	100474	100474	0	
	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) Deformed bars (Grade-40)	s Ir S				701	%Kg	31418.20	220242	220242	0	
	cement sand mortar (1:4).	1		A		163	%Cft.	32898.70	53625	53625	0	
6	Cement plaster (1:4) upto 20' height 1/2" thick.		1 1 1 1 1	A 1 -		396	%Sft.			12802	0	
7	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect new surface two coats.	n W				396	%Sft.	5245.3	20771	20771	0	
8		3"				200	P.Sft.	2373.2	474640	474640	0	

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Page 118

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	Description	T	1 2 3 4 1 4 5 1 5 1		*	1		, \				Entra En
Sr. No.				Rough co st Decemb				Rough co	er 2022)	Excess	Saving	Rema
		Qty	Unit	Rate	Amount	Qty	Unit	Rate	Amount			<u> </u>
1	2	3	4	5	6	7	8	9	10	11	12	13
3 .	Painting to door and windows any type on new surface 3 coats.		Is			400	%Sft.	2714.80	10859	10859	0	
		1		Total: -	0				900546	900546	0	
		Add	3% Cont	ingency: -	0				27016	27016	0	
777				Total: -	0				927562	927562	0	<u> </u>
	G-Total (A+P.	-0.0.5.5		Say: -	400000407		1.14 · · · ·		927600	927600	0	
	G-Total (A+B·	+6+0+E+1	-+G+H+1	+J+K+L)::-	169088407				_1 67313275	T 0	1775132	
	Add 1% 1	for tree pla	antation	charges: -	1690884				0	0	1690884	
		Add	5% PRA	charges: -	8454420				8365664	0	.88756	
17.4	Add Cost for WAPDA Transformer payable to IESCO (I	Increase ti	he load d	apacity of	2000000	1.42	148		3000000	1000000	0	
			\$16.94	sformer: -				· _				
(5) (4)	Add Cost for S	Sui Gas pa	ayable to	SNGPL: -	1000000	() ()	HAMM!		0	0	1000000	
				Total: -	182233711		2 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	e e	≺78 678939	' 0	<3554772	
			Say i	n Million: -	182.234				- 178.6 79	0	3.555	

Sub Divisional Officer
Building Sub Division
Pindigheb

Executive Engineer Buildings Division, Attock

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12	3	10	ဖ	∞	7	o	ن.	4	ယ	N	_	No SI.
Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) of specified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer Incharge.	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 (b) Bevelled edges & flange 21.5 mm (iii) 600 mmX 600 mm	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-Deformed bars (Grade-40)	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast n situ, complete in all respects:-Type C (nominal mix 1: 2: 4)	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) By Manual in ordinary soil	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" /12"x36"	Providing and laying superb quality Ceramic tiles dado of Master brand of specified size, Glossy/Matt/Texture skirting/dado of approved Color and Shade with adhesive bond over 1/2"thick (1:2) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respects as approved and directed by the Engineer Incharge 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/bond over 1/2"thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge Full body Glazed Tile 600mm x600 mm	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed tiles 600mmx 600 mm	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone	Dismantling cement concrete 1:2:4 plain.	Dismantling glazed or encaustic tiles, etc	Description
<i>10.28</i> ∙ >> 1550.00	10 && .* 4556:06	2099.00	685.00	576.00	8356 9686.0 0	3252.00	31630.00	50192.00	6914.00 9237.00	6914.00	14352.00	Qty
Psft	Psft	%kg	Pcft	%0Cft	P.Sft	P.Sft	P.Sft	Psft	%€ft	%cft	%	Unit
516	400.00	31418.2	537.5	10677.75	292.55	239.8	340.35	340.35	36753.3	11174.6	2335.85	Rate
561408-	435200—	659468	368188	6150	2444138 - - 283639	779830	10765271	17082847	2541123 — 3394902 -	77 2612 ge	265166 120	Amount

, p.:				e e						
. 1	24	23	22	21	20	19	8	17	6	13
oqual Dal Savette and the save	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"	Providing and fixing Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge complete in all respect.	Providing and fitting all types of glazed aluminium windows of anodised/ powder coated partly fixed and partly sliding using delux sections of approved manufacture having frame size of 100 x 30 mm (4"x1-1/4") and leaf frame sections of 50 x 20 mm (2"x¾"), all of 1.6mm thickness including 5 mm thick imported tinted glass with rubber gasket using approved standard latches, hardware etc., as approved by the Engineer in-charge.	Removing windows and sky lights with chowkat.	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.	Providing and fixing 2:-9" high stair railing comprising of non magnetic (304) Stain less steel 2" dia pipe railing of 18 SWG welded with vertical posts of 2" dia stainless steel round/ Squar pipe/ Tong (chimta) @ 2-ft c/c fixed on alternate steps with 3" long steel screws and brass rawal plugs, 3-Nos diagonal stainless steel pipes of 1/2" dia passes through goties fixed on vertical post, i/c stainles steel welding, fixing & polishing complete in all respects as approved and directed by the Engineer Incharge	Providing and laying superb quality Prorcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. (Non-Skid Chequred Tiles) 300mmx300mm	Providing and fixing all types of partly fixed and partly openable glazed anodised/ powder coated aluminium doors, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 x 100 mm (1½" x 4") and leaf frame of 60x40mm (2½"x1½") wide sections including the cost of ¼" (5 mm) thick imported tinted glass with aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc., and hardware any required as approved by the engineer in-charge.	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Deodar/Ash/Oak ply with grooves, compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.	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 (b) 2.5mm thick Removing door with chowkat.
	13313	3329	6657	393	7	490	770	264	858	4242 34
	D Sft	P Sff	P. Sft	Each	Each	P Sft	P. Sft	P. St	P. Sft.	F. Sit.
	88 54 8	493.05	1348.4	341.5	5572	2361.45	211.4	1437.6	678.55	1/88.UU 438
	11379952	1641363	8976299	134210	39004	1157111	162778	379526	582196 Pag	14892 e 121

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						· · · · · · · · · · · · · · · · · · ·			e Vita e					***		·			14
#	43 (==	4 2	4	6	39	ွဲ့	37	ა ₆	မ္	34	33	32	31	30	29	28	27	07
#=de120 mm sq (37/0:083)	Supply and erection of copper conductor cables for service connection, in scelaid pipe/G/I. wire trenches, etc. (rate for cable only):-PVC insulated. PVC sheathed 1 cope, 600/1000 voll/non armoured cable:-150 mm sq (37/0.093")		Providing and fixing:3" deep cable tray with straight flange fabricated with perforated G.F. 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 16SWG 4"x3"	S/E Of SMD Light (16 Watt) Of Approved Manufacturer Complete In All Respect As Approved & Directed By The Engineer Incharge	P/F of LEAD Lining 1.5 mm thick lead sheet with wall for radiation protection upto roof height as aper instruction 8"x4" i/c cost of labour complete in all respect as approved and directed by the Engineer Incharge also approved the Radiation Protecting agency etc.	Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed, complete in all respect as approved and directed by the Engineer Incharge.	Кругаs on roof 2'x2'x6" (600 x 600 x 150 mm)	Providing and installing P.V.C. bends, of B.S.S. Class 'B' working pressure 4"Vid (100 mm)	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with 'B' Class working pressure pipe, in trenches, complete in all respects:-4" i/d (100 mm)	Cement pointing flush upto 20° (6.00°m) helhgt ratio 1:2 i/c Raking and washing joints of brick masonry (old work).	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.	Providing and fixing Openable door comprising of 3mm thick UPVC hollow profile chowkat frame of 60mmx64mm and leaf frame 60 mmx106 mm both duly reinforced with G.I. box frame inside the void with 20 mm wide panel with grooves on both sides i/c the cost of hardwares, hinges, four bolt and cutting changes on approved & directed by the Engineer Incharge	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: old surface: two coat	Preparing surface and painting with emulsion paint 2 coats	Scraping Ordinary distemper, oil bound distemper, or paint of wall.	Painting doors and windows, any type two coats i/c Brushing and scraping blisters of old paints from woodwork.		Cement plaster 1:4 upto 20' (6.00 mm) height-1/2" (13 mm) thick	
200	250	600	# 8 2 2	400	1098	576	95	60	N1:Kess 450	13924	600	700	39460	146603	1 0 0 7) 4 146603	6968	6656	7448	11.10
PRft	PRft	PRft	PRft	Each	P. Sft	Psft	Each	Each	PRf	%sft	P. Sft	P. Sft	%Sft	%Sft	%Sft	%sft	P Sft	%sft	,11 c 0/
		402.7	335.35	1800	1020.00	1308.85	835	543.55	260.60 440.65	3841.85	640.00	950	3850.9	2034.65	761.9	2175.5	144,3	3,232.95	160.0
4633.45 926690_	1421538	241620	167675-	720000	1119960	753898	29225	32613	117278 — 198293—	534939	384000	665000	1519565	2982858-	767340 4116968	151589	96046 Page 122	240790	16107

٠			<u>-</u>				
	129161000	Say: -			Say 873,300,000/	<u> </u>	
7	4275 3153 129161225	Total:			144450tb		
7	\$214.56F/	tingency: -	Add 3% Contin	Add:	2543585/-	<u> </u>	
	12-38/64/8	(A-B): -	Net Tota		84786165/-		
-J	學類	Total (B): -		190	875182 Fox		
	192390	110	P.Kg	1749	Cost of steel		5
	30000	30000	P.Job	1	Electric cables (unservicable)		4
T	1848	2007	%Cft	-522	Tile Bats	ļ	=:
\mathcal{T}	162200		%0Nos	136064	Tiles 9"x4-1/2"x1-1/2"	ļ	w
1	393000	1000	Each	393	Old Windows		2
	51000	1500	Each	34	Old Doors with Chowkat		_
7	+ 24551750 426071363	Total: -	7-85661	1135708 113333611	D/d cost of Old Material		
•	7791147	117	Psft	66591	Public Health		==
1	44783202	222	Psft	66594	Electric installation (Add Unity A.C DBS & new circums.)	ــــــ	54
	1251960 55500	564.95	PRIT	800	all respect (100 mm) 4.	<u> </u>	53
					Providing, laying, cutting, jointing, testing and disinfecting 6.1.	77	
	156526	18285.7	%cft	856	Dismantling cement concrete reinforced, separating reinforcement from concrete, cleaning and straightening the same.		52
	709550	6170	Psft .	115	Construction of Reception Counter Brick Masonry Structure 3.5' height from ground level consisting of marble granite and kitchen cabnit 22" deep with back Complete in all Respect.		51
	30938	281.25	PRft	110	Providing embeding 10" (250 mm) wide ½" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roof slab complete in all respects.i/c Providing and fixing 6 in (150 mm). wideG.I. sheet 18SWG. stopper to expansion joint.	l	50
Pag	16203	147.3	PRft	110	nd v c., ir erior	L	49
ge 123	116638	3506	%sft	3327	20' (6.00 mm) h		48
	77070	36.7	PR#	2100	Making jharries in existing brick masonry for providing recesses for bearing of RCC roof slab, including repairing the damaged face for slabs upto-6" (150 mm) thick	~	47

Sub Divisional Officer

Building Sub Division pindigheb

Executive Engineer
Buildings Division,

Attock

No. I Dismantling glazed or encaustic tiles, etc GROUND FLOOR (OPD) B.R STORE STORE STORE FEMALE DR DR DR DR STORE FEMALE BR M.S.ÓFFICE B.R HALL ROOM	폿						-	-
GROUND GROUND B.R STORE STORE FEMALE [CLERK DR DR DR M.SOFFIE HALL ROOM		2	7	B	В		H	Qty.
GROUND FLOOR (OPD) B.R STORE STORE CLERK DR DR STORE M.S,ÓFFICE B.R HALL ROOM	nustic tiles, etc							
STORE STORE FEMALE DR CLERK DR DR STORE M.S.ÓFFICE B.R HALL ROOM		\	6	15.5				14
STORE FEMALE DR CLERK DR DR STORE M.S,ÓFFICE B.R HALL ROOM			925	15.5				14.
FEMALE DR CLERK DR DR STORE M.S.ÓFFICE B.R HALL ROOM		ŀ	6	15.5				<u> </u>
CLERK DR DR STORE/ M.S,OFFICE B.R HALL ROOM		1/	12.5	15.5				/ 19
		1	9.33	15.5				/ 145 Cfl
<u> </u>		1	9.25	15.5			1	74
, [위]		1	10	15.5			1	15
윤[]		+	9.25	15.5				4 5
B.R HALL ROOM	A CHARLES AND A	T	12.75	15.5			# E	ř Ř
ROOM			5.5	5.75				ۍ ا
KOOIM	THE STATE OF THE S	**************************************	19.25	15.5				247
SIT VACUS		- -	0.75	15.5			Ť	14
Should lib		1	14	15.5				21
EMERGENCY WARD		 ;;	15.75	15.5				24
B.R		1	15.75	18.5				24
STORE		Section 1	15.75	/15.5			4.	24
MEDICINE /		1	/ 61	15.5				29
STORE /		1	12.75	15.5				198
COMP.		1	9.5	15.5				14
HAL /		7	/ 9.5	15.5				4
DISPENSARY		1 /	19	15.5	Salary and	And the second		29
DISPENSARY		1,	9.25	15.5		. :		4 8
KOOM		1	,	5.25				3 8
ROUM			12 5	3.3 15.5				19
DENTAL		1	6	15.5				14
MAIFDR		; -	9.5	15.5				14
		2	19.25	15.5	100			59
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	And the second second second		15.75	15.5				24
			9.25	15.5/				143
		1	14	15.5				217
		2	18	15.5				558
MALE MERGENCY			19.5	15.5				200
FEMALE WARD		٠,	15.75	15.5				28.5
B.R			2.5	15.5			10 may 20 0	143
Stall Gase		10	212	8	a de la companya de l			3392
Gallery		7	55	10				550
						J.	Total	1135
	minim A.C. 1 At							
Dismanting cement concrete 1.2.4 ptain R R	ere 1.2.4 piain.	1	6	15.5	0.125			-
STORF			9.25	15.5	0.125	A STATE OF THE STA		1 2 3 3 3 3 3 3 3 3 3 3
STORE		T.	6	15.5	0.125			1
FEMALE DR			12.5	15.5	0.125			2,
CLERK		1	9.33	15.5	0.125			=
DR		1	9.25	15.5	0.125			=
DR		1	10	15.5	0.125			19
STORE		Ţ	9.25	15.5	0.125			<u> </u>
M.S OFFICE			12.75	15.5	0.125			7
B.K		1 5	3.0 €	1.7.	0 125			ω

Ì	# Property Company C								Ì
S S	ITEM OF WORK	°N		MEAUSI	MEAUSERMEN	ر س		Qty.	
	ROOM	1	15.75		0			31	
	SHOBA TIB	1	9.25	15.5	0.125			Ψ	동
	ТВ	1	14	15.5	0.125			2	탕
	EMERGENCY WARD	1	15.75	15.5	0.125			χ.	통
		1	15.75	15.5	0.125			31	통
	STORE	1	15.75	15.5	0.125			3,	통
	MEDICINE	1. 1 . See	19	15.5	0.125			3.	₽
	STORE	1	12.75	15.5	0.125			25	5
	COMP.	1	9.5	15.5	0.125			18	₩
	HAL	1	9.5	15.5	0.125			18	팅
	DISPENSARY	1	19	15.5	0.125			3,	5
٠	DISPENSARY	1	9.25	15.5	0.125			1	5
	ROOM	1	7	9.25	0.125				5
	ROOM		7	.5.5	0.125				충
	DENTAL	1	12.5	15.5	0.125		1. 18 7	24	5
	DENTAL	1	6	15.5	0.125			17	ζţ
	MALE DR	1	9.5	15.5	0.125			3	
		2	19.25	15.5	0.125			12	
		1	15.75	15.5	0.125			31	Cft
		1	6.25	15.5	0.125			18	₽
		1. T.	14	15.5	0.125	No. of the contract of the con		27	'Cft
		2	18	15.5	0.125			0.2	병
	MALE MERGENCY	1	19.5	15.5	0.125			38	Ç₩
	FEMALE WARD	1	15.75	15.5	0.125			3,	C₩
	B.R	1	5.5	15.5	0.125			-	븅
	stair case	1	9.25	15.5	0.125		:	18	贯
	Gallery OPD	2	212	8	0.125			424	₽
·	Gallery has seen the contract of the seen	1	55	10	0.125			39	뜴
	O.T BLOCK								ţ
		+	16	18.75	0.125			38	5
	1.6·	-1	15.75	18.75	0.125			37	₹
	LAB STORE	1	12.5	18.75	0.125			25	5
	LAB STORE	-	12.5	18.75	0.125			25	Cft
	10		19.5	18.75	0.125			46	<u></u>
	LABOR ROOM	1	12.5	18.75	0.125			29	Cft
	DUTY ROOM	1	12.5	18.75	0.125			37	Ċŧ
	ВАТН	1	6.5	6.50	0.125			1	탱
	X-RAY ROOM	1	16	18.75	0.125			38	뜅
	DARK ROOM	1	9.75	18.75	0.125			Z	5 8
	STORE	1	9.75	18.75 10.75	0.125			3 6	5 5
	DARK KOOM	1	9.75	18.75	0.125		:	2 2	<u> </u>
	DARK ROOM	1	6.5	18.75	0,125			15	5
	STORE	1	6.5	18.75	0.125			11	Cft
	X-RAY ROOM	1	16.25	18.75	0.125			38	방
	WAITING HALL	1	12.25	18.75	0.125	- 13 - 13 - 13 - 13		26	践
	LABOR ROOM	1	12.25	18.75	0,125			26	팅
	B.R	.	5.9	18.75	0.125			7L	5 5
	B.R	7	5.9	18.75	0.125			7	5 7
	STERILIZATION	- -	9.25	18.75	0.125			77	5 ₹
	O. I. C.	-	17.22	18 75	0 125			26	5 5
	5	- -	5.25	18.75	0.125			12	
	JOKE I AB	1 -	9.25	18.75	0.125			22	
	WAITING HALL	1.0	6	18.75	0.125			2,	
	LAB	*1	18.1	12.25	0.125			28	
		1	19	18.75	0.125			4	5

ĵ	2
`	_

Ġ				MEAUS	MEAUSERMENTS	2		ð	
No.	ITEM OF WORK	NO.	1	B		Н		ج دون	
		1	18	18:75	0.125			42	
		7	19	18.75	0.125		1	45	
		1	19	18.75	0.125			45	
	ВАТН	1	6	9	0.125			7	
	ВАТН	7	6	9	0.125			, 00	
	stair case		12.75	18.75	0.125		1 (2) 1 (2) 2 (3)	00 157	
	Gallery OI	-	153	o «	0.125			153	
	Gallery OT	-	57	×	0.125			57	
	Gallery	i 📶	50	12	0.125			75	튱
	WARDS G.F	1						i La	5
	م ا	-	75	20	0.125			188	5
	ם וג		75	20	0.125			188	튱
		T.	10.5	8	0.125			11	ᇙ
	ROOM	Ţ	10.5	8	0.125			7	Ħ
. ,	NURSING ROOM		10.5	16	0.125		\top	21	ਙ
			10.5	15.5	0.125			2 50	<u>ಕ</u> ಕ
		2	18	15.5	0.125		1	0 8	5 8
	The state of the s	7	15	15.5	0 125			30	5 t
	T B DATS	1	10.5	15.5.7	0.125			21	<u> </u>
	MASIID	+		15.5	0.125		†	16	<u> </u>
	B.R		0 00	4	0.125			4	5
	STOR	1	∞	4	0.125			4	₽
	ROOM	1	10	19	0.125			24	
	B.R	1	4.5	6	0.125			5	СĦ
	DENGUE WARD	and the second	10.5	19.25	0.125			25	
	STORE	1	4.5	6	0.125			5	뚱
	B.R	1	10.25	4	0.125			5	
	B.R	ं स्नृ ,	20.5	15	0.125			38	
	ROOM	- ,	10	19	0.125			7 7	
	B.R	Constant Description	10.25	4	0.125			c c	
	stair case	- -	2 5	10	0 125		T	47	
	WSING area Committee in a continued for the continued in		101	15 5	0.125			19	<u> </u>
	STORE	1	101	9.5	0.125		T	12	5 5
	B.R	1	10	4.5	0.125		╁	9	₹
	PRIVATE ROOM	1	10.5	15.5	0.125			20	
		2	18	15.5	0.125			20	뜴
		2	15	15.5	0.125			28	₹ 8
			7	15.5	0.125			S 4	5 5
	WOOM WOOM		10	19	0.125			24	
	STORE	1	4.5	9.5	0.125			5	
	B.R	1	4.5	9.5	0.125			5	
	DENGUE WARD	+	10	19.5	0.125		37. 37.	24	₹
	B.R	4	10.5	7	0.125			188	5 8
:	FEMALE WARD 2		75	07	0.125			188	5 5
	FEMALE WAKU Z	-	70.5	15	0.125			38	<u> </u>
	Vellow Room		18	12	0.125		1	27	<u>5</u>
	Red Room		16	12	0.125		- A	24	뚱
		1	40	9.75	0.125			49	뜅
	Gallery WARDS		7 40 ×	-9.75	0.125			49	ぎ
	Gallery WARDS	T	20	∞ 0	0.125			101	5 8
	Gallery WARDS		102	∞ _	0.125			102	5 E
	Gallery WAKIJS	7	2	-	:		1		5

F.F EWARD RA	S.		MEAUS	MEAUSERMEN S	T	aty.	
							<u>ಕ</u>
	1	15.25	20	0.125		38	뜮
	1	15.25	20	0.125		38	
	* 1	10.25	11	0.125		14	
	A Tree	10.25	7.33	0.125		6	-
	\mathbf{I}_{i}	10.25	16.125	0.125		21	5
	Ţ	10.25	16.125	0.125		21	뜅
	1	7.125	16.125	0.125		14	뜅
	1	9.25	16.125	0.125		19	5
	1	10.33	16.125	0.125		21	뜅
	1	9.25	9.25	0.125		-	
	1	9.25	10	0.125		12	
And the second s	in L eg	9.25	16.125	0.125	100 mm m	19	ㅎ
FEMALE MEDICAL WARD	T.	75	20	0.125		188	뚱
Q	1	75	20	0.125		188	팅
	1	10.125	19	0.125		24	
	1	4.5	9.25	0.125		2	
	1	4.5	9.25	0.125	· · · · · · · · · · · · · · · · · · ·	5	뜅
		9.875	19.875	0.125	# 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	52	뜅
And the second s		9.875	19.875	0.125		25	5
		4.5	9.25	0.125		5	
· · · · · · · · · · · · · · · · · · ·	T	4.5	9.25	0.125		9	
:	ः स	18	16	0.125		36	
	1	10.25	19	0.125		24	
	-	15.33	19	0.125		36	팅
	1	200	∞ (0.125		200	<u>ಕ</u> ಕ
	1	150	∞ (0.125		150	
	-	160	8	0.125		09L	티
	1	18.5	15.5	0.125		36	5
	Ţ	13.5	15.5	0.125	The second secon	26	뚱
and the second s	1	19.25	15.5	0.125		37	
	4. I de	19.25	15.5	0.125		37	
The second section of the sect	To see the second day	7.5	9.2	0.125		6	
and the second s	1	8	9.5	0.125		9	₽
	Н	19.5	15.5	0.125		38	퉁
	- T	19.5	15.5	0.125		88	뜅
	e	18	15.5	0.125	To the second se	35	뜅
		18	15.5	0.125		35	티
A problematic colores exceptes appearance managements on the color	-	7.5	15.5	0.125		5 S	팅
	1,	13.5	15.5	0.125		07	뜅
	1	12.5	15.5	0.125 0.125		77 74	뜅
	٠ -	7.25 12 E	15.52 15.5	U. 123 N 125		1- 26	5 E
	-	12.5	15.5	0.125		24	
	1	19.5	15.5	0.125		38	팅병
		18	16	0.125		36	
	in Land	42	15.5	0.125		81	
	Ţ	120	8	0.125		120	5
		120	10	0.125		150	뜅
	nnacting	finishina	and curing	complete	Total e (including scr	6914 screening	
• •	1			0-125		6914	3
	6914		0.125	0.167		9287	Ęį
	2	13.0			Otal: -	8401	5
$\sigma + 1 \cdot 1 \cdot 1$	Cement concrete plain including placing, cor and washing of stone aggregate) Ratio 1: 2: Same Qty as Item No.2		compacting, finishing: 2: 4	compacting, finishing and curing: 2: 4	compacting, finishing and curing	compacting, finishing and curing complete (including :2: 4	compacting, finishing and curing complete (including :2: 4 2: 4

A sealer from Enginee GROUN STORE FEMALE CLERK DR STORE DR STORE DR DR DR STORE MA SOFE	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of	glazed	tiles floorin nd over 3/4'	I B ig of MAST "thick (1:3)	rer brar cement	oring of MASTER brand of specified size in 3/4"thick (1:3) cement plaster i/c the cost of	d size in e cost of	
	violing and laying superb quality Porcelair roved design Color and Shade with adhe	glazed ה Sive/bor	tiles floorin td over 3/4'	ig of MAS i 'thick (1:3) 'esnect as	cement	nd or specified plaster i/c th	a size in e cost of	<u> </u>
	・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・		lete in all r	perpert as	C. C.	1711		
STO STO DR DR STO DR STO DR STO DR STO	sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge.Full body Glazed tiles 600mmx 600 mm	ing comp Jmmx 6()0 mm	Topodo -	approve	d and directe	d by the	
STO CLEI DR DR STO	DUND FLOOR (OPD)						1 1	\blacksquare
STO CLEI DR DR STO	STORE	1	9.25	15.5			1. Salata	143 Sft
DR DR STO	RE CONTRACTOR CONTRACT	Ţ	6	15.5			-	140 Sft
CLE DR STO	FEMALE DR	1	12.5	15.5			-	
S STO	RK	1	9.33	15.5			-	145 Sft
STO STO		1	9.25	15.5			-	143 Sft
STO S M		1	유	15.5			~	155 Sft
Σ	RE	1	9.25	15.5			-	13 St
?	M.S OFFICE	Ţ	12.75	15.5			¥ }	198 Sft
HALL	A CONTRACTOR OF THE CONTRACTOR	Ţ	19.25	15.5			53	298 Sf
ROC	ROOM	H	15.75	15.5			77	244 Sft
SHO	IBA TIB	T	9.25	15.5			7	
		П	14	15.5			7	217 Sft
EME	EMERGENCY WARD	+	15.75	15.5			7,	
STORE	RE	+	15.75	15.5			5	244 Sft
ME	MEDICINE	1	19	15.5			72	295 Sft
STORE	28 Control of the con	1	12.75	15.5			-	8 8
COMP.	AP.	1	9.5	15.5			147	77 S#
HAL		1	9.5	15.5			1,	17 Sft
DISF	DISPENSARY	Ţ	19	15.5			55	295 Sft
DISF	DISPENSARY	П	9.25	15.5			7	3 S#
ROOM	MC	H	_	9.25				65 S#
ROOM	M		7	5.5				
DENTAL	TAL TO THE TANK THE T	-	12.5	15.5				194 SH
DENTAL	TAL	-	6	15.5	:		71	
MAI	MALE DR	1	9.5	15.5			14/	
+		7	19.25	15.5			789	# S
			15.75	15.5		4	7	
		₩	9.25	15.5			143	
1		T	14	15.5			7	
1		2	18	15.5			ă	228 Sft
MAI	MALE MERGENCY	<u>.</u>	19.5	15.5			302	
. PEIV	FEINALE WARD		15.75	15.5			7	143 54
Stall	Stall case	1	3.43	C:CT			3392	
Gallery	Gallery Or D	7	217	10	ANALYSIS OF THE		550	0 1
Ċ		1		}				
<u> </u>	וכ		ļ	10 75			100	000
<u> </u>	DR. ROOM	-1-	12 5	18.75			8 8	2 4 2 4
4 A	LAB STORE	-	12.5	18.75			234	4 S
IAB	LABOR ROOM	1	12.5	18.75			25	4 Sft
	DUTY ROOM	1	12.5	18.75	port of the state		2	4 Sft
WAI	WAITING HALL	1	12.25	18.75			230	OSft
LAB(OR ROOM	1	12.25	18.75			20	0 Sft
STEF	RILIZATION	1	9.25	18.75			173	384
PRIV	ATE ROOM	1	12.33	18.75			23	1 Sft
STORE	RE	-	5.25	18.75			98	
IAB		- -	9.25	19.75			169	2 0
WA.	WAIIING HALL	- -	707	10.10			227	
S S			1.01	18.75			8	_
+		1	18	18.75			338	8 St
			19	18.75			35	
<u> </u>		г	19	18.75		.**	356	6 Sft

ຶ່	ITEM OF WORK	2		MEAUS	MEAUSERMENTS			Ş.	
횓	ctair cace		12.75	18.75				239	#
	Gallery OT			×			+	1256	5 6
	Gallery OT	1 +	153	0			_	1224	8
	Gallery OT	-	57	00				456	방
	Gallery		50	12				900	₩
	WARDS G.F								₩.
	MALE WARD 1	1	65.25	20				1305	
		1	65.25	20			<u> </u>	1305	Sft
	ROOM	1	10.5	8				84	Sft
	ROOM	1	10.5	80				84	Sf
	NURSING ROOM	1	10.5	16			, was	168	돐
	The second of th		10.5	15.5				163	뿞
		2	18	15.5	10000000000000000000000000000000000000			258	St
a l		7.7%	15	15.5				402	t 8
	T B DATS	-	10.5	16			1	168	<u> </u>
	MASIID	-	€ «	15.5			1 -	124	5 6
	STOR	1	0	4				32	₩.
	ROOM	1	10	19				190	S#S
	DENGUE WARD	1	10.5	19.25			-	202	St
	STORE	1.	4.5	6				41	Sft
	ROOM		10	19				190	Sft
	stair case	1.	10	18				180	Sft
	w8ing area	1	21	18	* * * * * * * *			378	Sft
	NURSING ROOM	1	10	15.5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			155	Sft
	STORE	1	10	9.5	2 - 2 - 2 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -			95	Sft
	PRIVATE ROOM		10.5	15.5				163	Sft
	を受ける機能を使うされています。 のでは、これでは、これでは、これでは、これでは、これでは、これでは、これでは、これ	2	18	15.5			EV.	228	Sft
		2	15	15.5			<u>. </u>	465	뫓
-		.	20	15.5				310	St
	ROOM	1.0	7	15.5				6 5	Sff
	ROOM	T	10	19		The second of th		9	St
	STORE	1	4.5	9.5					S#
	DENGUE WARD	1	10	19.5				195	Sft
	FEMALE WARD 1	∵ ,	65.25	20				1305	St
	FEMALE WARD 2	н ,	65.25	07			_	2,000	#5 8
	yellow koolin	T -	16	12			_	192	7 5
	Gallery WARDS	1 -	40	97.6					5 5
	Gallery WARDS	Ţ	40	9.75				390	#5
	Gallery, WARDS	Total	20	œ				160	₩,
	Gallery WARDS		102	8				816	Sft
	Gallery WARDS	2	58	4				812	Sff
	WARDS F.F					.			-
	GAINI WARD	1	15.25	20				305	Sff
	HEAT STROKE WARD	1	15.25	20	The second secon			305	胀
	BAHALI KAMRA		10.25	11	A STATE OF THE STA			113	St
	STORE		10.25	7.33				2 2	#S
	PRIVATE ROOM	ί.,	10.25	16.125			_	100	E SE
	PRIVATE ROOM		7 125	16.125			+	115	5 5
	ROOM	- -	0.75	16 125	77	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		149	
	BOOM		10.33	16.125	Section 1	The state of the s		167	SF
			15	16.125				242	Sft
	STORE		9.25	10				93	胨
		Ţ	9.25	16.125			A.	149	Sft
	FEMALE MEDICAL WARD	7	75	20			_	long	H H
					š				

Š				MEAUS	ERMEN	TS	を変変	•	
ટ	_	0 2	1					מנג	
	FEMALE SURGICAL WARD	,	75	70				1500	
· .	CONGO ROOM		10.125	13				192	
	DENGUE ROOM	1	9.875	19.875				196	Sff
	DENGUE ROOM	1	9.875	19.875				196	
	stair case	1	18	16				288	SH
	CONGO ROOM	$\mathbf{T}_{\mathbf{r}}$	10.25	19				195	
			15.33	19				291	Sft
	GALLERY	, L	200	8				1600	St
	GALLERY	I	150	8				1200	Sft
	GALLERY	1	160	8	:			128(Sft
	OPD F.F								
	HALL	н	18.5	15.5				287	Sff
	PRIVATE ROOM	$\mathbf{T}_{\mathcal{H}}}}}}}}}}$	13.5	15.5	The second second		2800 Sec. 1	206	Sft
	년 년 년	T	19.25	15.5				298	Sft
:	STORE	I	19.25	15.5				298	St
	The state of the s	T	7.5	9.5				7.1	
	HALL	П	∞ :	9.5				9/	
		Н	17	15.5	301		20.000	264	
	FALAHI MARKAZ	Н	19.5	15.5			1	302	
	PRIVATE ROOM	1	19.5	15.5				300	St
	The second secon	T h	18	15.5		L		6/7	St.
			18	15.5				2/8	St
	HALL	-	7.5	15.5				1.16	
	KITCHEN	Η,	13.5	15.5	1			807	St
	ROOM	٠,	12.5	15.5				7	# E
		- ,	57.7	15.52				2 6	5 2
			13.5	15.5				70°	<u> </u>
	等,有"就体",但是"国际",这个"工",他们,这种"最高"的"大",是"最高",一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个	T	12.5	C'CT				200	5 3
	WAITING KOOM PROPERTY OF THE	1	19.5	15.5	District Control			200	
	Stair case	T	2 2	Ip				200	# 15 E
	CONFERENCE HALL	8, 3 H ₹	747	C.C.T				3	5 6
	GALLERY	H .	120	χ (300	5 2
	GALLERY	- 1 2 - 1 2 - 1 2 - 1 3	120	10				1200	#S #
	Providing and laying superb quality Porcelain glazed tiles of Master brand	In glazed	Liles of Mas	ster brand	skirting	skirting/dado of specified size	specifie	ed size,	10
I.O	Color and Shade with adhesive/ bond over 1/2"thick	4/2"thick	(1:2) cemei	cement plaster i/c	i/c the cost	st of and	d sealer for	for	
	body Glazed Tile 600	00 mm	Omm x600 mm	בי הלי הלי הלי הלי		3		Ŗ	L anta
	GROUND FLOOR (OPD)								
	STORE	2	(9.25+	15.5)	4.00			198	
	STORE	2	+6)	15.5)	4.00		Carlo	196	
	PEIVALE DK	7	(12.5+	15.5)	50.4			199	<u> </u>
	DR CLERK	2	(9.35+	15.5)	9.4			198	
	08 0	2	(10+	15.5)	4.00			204	
	STORE	2	(9.25+	15.5)	4.00			198	
·	M.S OFFICE	2	(12.75+	15.5)	4.00			226	
	HALL	~~2. ~	(19.25+	15.5)	4.00		The second secon	278	Sft
	ROOM	2	(15.75+	15.5)	4.00			250	
	SHOBA TIB	5. 李2. 本	(9.25+	15.5)	4.00			198	
		2	(14+	15.5)	4.00			236	# 8 #
	EMERGENCY WARD	7 ~	(15./5+	15.5)	9.4			250	
	MEDICINE	2	(19+	15.5)	4.00			276	
	STORE		(12.75+	15.5)	4.00		2 / 1 mm	226	Sft
	COMP.	£2***	(9.5+	15.5)	4.00	Property Co.		200	Sft
	HAL	7.	-(6.5+		4.00			200	Sft
	DISPENSARY	7.	(19+	15.5)	4.00			276	St

)	
S. S.	ITEM OF WORK	2		MEAUSERMENT	RMEN	S H	Qty.	•
	DISPENSARY	2	(9.25+	100	4.00		198	
	ROOM	2	+/_	9.25)	4.00		130	
	ROOM	2	(7+	5.5)	4.00		100	_
	DENTAL	2	(12.5+	15.5)	4.00	-	224	
	DENTAL	2	+6)	15.5)	4.00		196	
	MALE DR	2	(9.5+	15.5)	4.00		200	
		7	(19.25+	15.5)	4.00		226	
		2	(15.75+	15.5)	4.00		250	St
		2	(9.25+	15.5)	4.00		196	
		2	(14+	15.5)	4.00		236	
		4	(18+	15.5)	4.00		၁၃၄	
	MALE EMERGENCY	2	(19.5+	15.5)	4.00	-	280	
	FEMALE WARD	2	(15.75+	15.5)	4.00		250	
	stair case	2	(9.25+	15.5)	4.00		198	
	Gallery OPD	2	212		4.00	The state of the s	1696	
	Gallery		55		4.00		4	₩.
	O.T BLOCK		- :					
	DR. ROOM	2	(16+	18.75)	0.50		35	
	LAB STORE	2	(12.5+	18.75)	0.50		3,	S
	LAB STORE	2	(12.5+	18.75)	0.50		3,	
	LABOR ROOM	2	(12.5+	18.75)	0.50		31	Sŧ
	DUTY ROOM	7	(12.5+	18.75)	0.50		3,	
	WAITING HALL	2	(12.25+	18.75)	4.00		248	
	LABOR ROOM	2	(12.25+	18.75)	0.50		3	
	STERILIZATION	2	(9.25+	18.75)	0.50		20	
	PRIVATE ROOM	2	(12.33+	18.75)	0.50		ς (c	
	STORE	7	(5.25+	18./5)	0.50		2 2	<u>ال</u> الله
	LAB	7	(9.25+	18./5)	0.50		200	
	WAITING HALL	7	+6,	18./5)	4.00		33.	
-	LAB	7 '	18.1+ (40)	10 75)	0.30		38	10 to
		7	(10.	10.75)	0.00		3 2	5 8
		7	(T8+	10.75)	0.50		38	
		7 ((19 †	16./3)	0.50			
		7 ((13 7E.	10./3)	0.50 100 k		252	
	stair case	7	157	10./3/	4.00	**************************************	1256	
	Gallery OT	2	153		4.00		1224	
	Gallery OT	2	57	9	4.00		456	
	Gallery	2	50		4.00		400	Sft
	WARDS G.F							
	7	2	(65+	20)	4.00	All Control of the state of the	680	St
	1 . 1	2	(65+	20)	4.00		089	
	ROOM	2	(10.5+	(8	0.50		19	St
	ROOM	2	(10.5+	(8)	0.50		1 0	
\perp	NURSING ROOM	7 ,	(10.5+	16)	0.50		26	F #
		7 4	(18+	15.5)	0.50		29	
		4	(15+	15.5)	0.50		ę.	
	· · · · · · · · · · · · · · · · · · ·	2	(20+	15.5)	0:20		36	
,	T.B DATS	2	(10.5+	16)	0.50	We would be a second of the se	2.	
	MASJID	2	+8)	15.5)	4.00		7 38	St
	STOR	7	+8)	4)	0.50		- 6	
\bot	ROOM	7 ,	(10+	19)	0.50		238	₩ # # # # # # # # # # # # # # # # # # #
	DENGUE WARD	7/	(4.5+	(6) (6)	0.50		1	St
	SIONE	2	(10+	19)	0:50		29	
\perp			(15+	19)	0:20		3	Sft
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	ITEM OF WORK	2		1	5 5 m 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
		2		19)	0.50			31	
	stair case	. 2	(10+	18)	4.00			224	뜅
	w8ing area	2	(21+	18)	4.00			312	동
	NURSING ROOM	2	10+	15.5)	0.50			3 8	돐
	STORE	2	(10+	9.5)	0.50			× ×	툸
	PRIVATE ROOM	2	(10.5+	15.5)	0.50			37 7	₩.
		4	(18+	15.5)	0.50			ō è	ᇙ
		4	(15+	15.5)	0.50	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0 %	<u>ال</u> ا
		2	(20 +	15.5)	0.50			5 6	7 6
	ROOM	2	+/2)	15.5)	0.50			7 6	5 8
	ROOM	2	10+	13)	0.50			1 7	5 0
	STORE	7 '	(4.5+	9.5)	0.50			236	5 6
	DENGUE WARD	7 (101)	201	5 5)89	5 5
	FEMALE WARD 1	7 (+60)	107	3 5			089	5 8
	FEMALE WARD 2	7.5	(19.T	12)	0.50			3(5 5
	yellow Koom	7	(161	12)	05.0		3	28	S ₽
	Ked Koom	- 7	40		4.00		,	320	8
	Gallery WANDS	2	40		4.00			320	₩,
	Gallery WARDS	2	20		4.00			160	
	Gallery WARDS	2	102		4.00	. :		816	Sft
	Gallery WARDS	2	58		4.00			464	
	M/ARDS F.E.								
	אור כ	6	115.25+	201	4.00			282	
	GAINI WAKE	2	(15.25+	20)	4.00		L	282	풄
\perp	PAUALI KAMBA	2	(10.25+	11)	0.50			2	
	STORE	2	(10.25+	7.33)	0.50			18	
	PRIVATE ROOM	2	(10.25+	16.125)	0.50		2	7	
	PRIVATE ROOM	7	(10.25+	16.125)	0.50			7 6	<u>8</u>
	ROOM	2	(7.125+	16.125)	0.50			2 6	
	ROOM	2	(9.25+	16.125)	0.50			4 6	
	ROOM	2	(10.33+	16.125)				19	5 6
	STORE	7 '	(9.23+	16 125)				2	
		2	(9.23+	20)	_			682	
	FEMALE MEDICAL WARD	2	(65.25+	20)	6.0			89	
	CONGO ROOM	2	(10.125+	19)	0.50			29	St
		2	(4.5+	9.25	3.1			14	4 St
	DENGUE ROOM	2	(9.875+	19.875	1.0			8	뜅
	DENGUE ROOM	2	(9.875+	19.875)	0.50			, T	
		2	(4.5+	9.25)	0.50			1 22	5 6
	stair case	2	(18+	16)	4.00 5.0	100 miles		29	
	CONGO ROOM	7	(15.33+	(8)	0.5			1 6	
	GAILERY	2	200		4			1600	S O
	GALLERY	2	150		4		.: 	1200	등
	GALLERY	2	160		4			1280	影
	OPD F.F		:					-	
	HALL	2	(18.5+	15.5)	4 4			272	7 0
	PRIVATE ROOM	2	(13.5+	15.5)	4			232	70
	WAITING HALL	2	(19.25+	15.5)	4 4			27	0 a
	STORE	7 0	(19.25+	15.5)	4			14	, 0
\perp	HALL CALAUI MARKAZ	2 2	(19.5+	15.5)	4			28	0
	PRIVATE ROOM	2	(19.5+	15.5)	4			28	0
\perp		2	(18+	15.5)	4	The state of	H-5. 25.	268	ω (
		2	(18+	15.5)	4			9	

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Sr.	ITEM OF WORK	Ŷ	****	MEAUS	MEAUSERMENTS		_	Qfy.	
2		,	7	1	_		I	184	
	HALL	7 6	(7.5+	15.5)	1 4			737	
	KITCHEN	7	(13.5+	15.5)	1			707	
	ROOM	2	(12.5+	15.5)	4		4	777	
		2	-(7.25+	15.52)	4			187	
		2	(13.5+	15.5)	4			232	21
		2	(12.5+	15.5)	4			224	_
	WAITING ROOM	2	(19.5+	15.5)	4			380	_
	stair case	2	(18+	<u>(9</u>	4			272	01
	CONFERENCE HALL	2	(42+	15.5)	7			460	
	GALLEDV	2	120		4			096	
	GALLENY	2	120		4		e e	096	
	GALLERI	1				Total(A)	₹	34475	SA
	P/U			>					
		15	7	4				420	St
		5	7	4				252	S
	CO	2	-	-				336	<u>ئ</u>
	02	107	1 0	7				180	# # # # # # # # # # # # # # # # # # #
	0.3	10	2.3	1				200	<u></u>
	04	C7	ני	4				320	5 6
	V. Company	TO	n	1	4) 1. 4				1
	WINDOWS							OVC	
		90	4 ;	-	-			225	5 8
) S	2.5	-				270	
		31	မ	2		7.7.7	í	710	5 3
						1 Otal(D	10	0497	
ဖ	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 cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in	tiles dac proved C ning the	do of Master Color and St Joints i/c cut	brand of specified brade with adhesive ting grinding comp	specified adhesive bond over ing complete in all re	b bond over 1		1/2"thick (1:2)	-1
	approved and directed by the Engineer men	28.5	0	15.5				558	₩.
	Ď,K	, ,	2 3	72.3				63	
	8.K	7	3.3	3.73 15 5				244	5 0
	B.K	٦,	13./3	13.3				250	5 8
	8. %	- '	0.0	13.3				85	
	ВАТН	7 (0.0 0.7	10.75				224	5 2
	B.R	۱,	5.9	5.5				108	
	ВАІН	7	n c	5				128	5 8
	B.K	4 6	0 4	4 c				81	
	5.K	7 6	4.0	0 4				123	
·	B.K	n t	10.23	ָרְ בְּי				308	5 8
	5.K	-	5	7 7				180	<u>₹</u>
	ν.Υ.	1 -	7 2	ין ק				171	ŧ.
	B.K		20.5	5, 7,				615	
	D. K.	٦ -	0.75	0.75				86	
	n.r.	-i m	4.5	9.25				125	
	0 0	, -	7.5	9.5				7.1	
<u> </u>	D.N	1			: [Total		3252	
~ ~	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 a provinced and directed by the Engineer Incharge 12"x18"/12"x24"/10"x24" /8"x24"/12"x36"	tile floor ed desig g the joi	rs of Master in with adhe nts i/c cuttir x18"/12"x24	brand of sive bonc grindin grindin "/10"x24"	specified l, over 3/ g comple /8"x24"/	1 size, G 4" thick ete in a 12"x36	slossy/M c (1;2) o II respec	att/Texture ement ts and as	4
		,	9	46.6				989	# (C
	B.K	† (10)	(C.C.)	7			34	± 0.
	6	7 0	(5.54	5.75)				158	SR
	b.K	7 7	(5.5+	5.75)	7			158	3 Sft
	B.R	1	(15.75+	15.5)	7			219	SH
<u> </u>	B.R	4	(5.5+	15.5)	7			147	
	ВАТН	2	(6.5+	6.5)	_		ò	182	St

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SA 1879 77 6990 6991	<u>.</u>		2		MEAUSE				Q Ş	
SA SA SA SA SA SA SA SA	2		2	, e 5.+	6.5)	7			182	
SA S. S. S. S. S. S. S.			1	70 2	18 75)	7		-	069	
BATH 2		B.R	4 4	TC.C)	10.73)	7.5		20.00	069	
SATT			4	+5.c)	(C) &				240	
SR SR SR SR SR SR SR SR		ВАТН	2	+6)	(9 (9				212	
B.R. B.R. B.R. B.R. Control of the			2	+ 6)	6			2	7 12	
B.R Comment		B.R	8	(8+	4)	7			9/5	
S. 10.25+ 16.0 7 10.05		A A	4	(4.5+	6	7		-	378	Sft
Street S		0 0	٩	(10.25+	4	7		-	299	
B.R		Υ.ψ.	,	(20 5+	15	7			497	_
B.R Control B.R Control Co		6. K	7	100,	(2)				812	
B.R Co.5+		B.R	×	# <u></u>	4 0	- 1			787	
B.R Control		B.R	∞	(4.5+	9.5)	7	· · · · · · · · · · · · · · · · · · ·			
8.R		B.R	7	(20.5+	12)		gr.	86	5
8.R		8.8	2	(9.25+	9.25)	7			256	뜅
8 g. π. 7 (7.5+ 9.5) 7 (7.5+ 9.5) 7 (7.5+ 2.38 8 d. No Pobry 1 2.3 (3.6 x 2/3 x 1/2		8.8	9	(4.5+	9.25)	7		7	578	ᇷ
Total: Communication Com		8.8 '	2	(7.5+	9.5)	7			238	St
Excavation in foundation of building, bridges and other structures, including dapelling, dressing, refilling accounts. In the second of the structures including dapelling and ramming lead upto one chain (30 m) and lift upto 5 ft. 6 months with the excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. 6 months yet.		Mado Ma	3812.5	a7.m			Total		9896	방
(1.5 m) By Manual in ordinary soil.		Excavation in foundation of building, bridges around structure with excavated earth, wate	and othe	er structure ramming le	s, includin ad upto or	g dagbe ne chain	illing, dress (30 m) an	sing, r d lift u	efillind 334 pto 5 ft.	56
Front pillans* Front collaboration of mild steel pillan including pleading. Compacting, finishing and curing complete (including screening and washing of stone aggregate). Front collaboration of mild steel pillan including pleading. Front collaboration of mild steel reinforcement for cement concrete in roof stab, beams, columns lintels, girders and other structural members laid in front collaboration; or presides/ pillans Front collaboration of mild steel reinforcement for cement concrete including cutting Front collaboration of mild steel reinforcement for cement concrete including cutting of steel Front collaboration of mild steel reinforcement for cement concrete including cutting of steel Front collaboration of mild steel reinforcement for cement concrete including cutting of steel Front collaboration of cities Front collaboration of c	•	(1.5 m) By Manual in ordinary soil						4 A		
Cerrent concrete pair including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate). Ratio 1: 4		front pillars	W 7 W	. 9	9 🤃	4.00			576	5
Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate)/Ratio 1.4 8 6 6 3.00							Z	Ē		5
Reinforced cement concrete in roof slab, beams, columns linkels, girders and other structural mix 1.2.4)		Cement concrete plain including placing co	mpacting	, finishing a	ind curing	complet	te (includin	ig scr	ening	
Reinforced cement concepte in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast n stu, complete in all respects. Type C Front Col 8 1.5 1.50 1.00 1.440 1.00 1		-1		y	ď	3 00			433	
Reinforced cement concrete in roci slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestrossed,members cast n situ, complete in all respects: Type C front Col 4 6 6 1.00 1.44 Reams 2 10 1.5 1.00 1.44 Beams 2 10 1.5 2.00 2.16 Slab 1 2 10 0.50 45 Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, sing in position, marking joints and fasteenings, including cost of binding with and labour charges for briding of steel reinforcement (also includes removal of rust from bars). Deformed bars (Grade-40) 100 Supply and installation of Clip-in life of specified thickness non-porous Auminium false celling of steel mm grideger Times fasteri on wall with gird and seriew @ 500 mm of of locuting celling of steel celling of steel celling of steel steel celling or specified discrew @ 500 mm of of locuting celling of specified and girds selected with silcon if required of JOAMIPA/Demark, as approved and directed by the Engineer Incharge (b) Bevelled edges & fange 2.15 mm (iii) 600 mmX 600 mm 2.254 LAB STORE 1 1.2.5 1.8.75 2.24 Supply and installation and microbial Hygenic flooring (with ant bacterial agent) conforming adhesive as approved and directed by the Engineer Incharge. 1.2.5 1.8.75			4	٥	>		Ē	2	43.	5
State Complete in the search of the sear	-		June Cont	mne lintele	airders	and othe	r structura	men	bers laid	
Front Col	O	Reinforced in situ or pre	sed mem	bers cast n	situ, com	plete in	all respect	s:-Tyr	ပ	
Beams 1.5 1.5 1.00 2.16		i	7.2	9	9	1.00			14	
1.5 2.00 1.50 1			œ	1.5	1.5	12.00	 		216	
2 10 1.5 150 60	1	Beams	2	20	1.5	2.00			12(틩
2 10 1.5 1.50 45			2	10	1.5	2.00			ğ	틩
1 20 100	-		2	. 10	1.5	1.50		1. J 12. 12.0	4	힐
Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars)Deformed bars (Grade-40) Supply and installation of Clip-in, tile of specified thickness non-porous Alumnium false celling 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 of io 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 (b) Bevelled edges & flange 21.5 mm (iii) 600 mmX 600 mm O.T. 12.55 18.75 200 mm X 600 mm Co.T. 12.55 18.75 200 mm X 600 mm Co.T. 12.55 18.75 200 mm Total: -/088 48.66 Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) approved and directed by the Engineer Incharge. Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) approved and directed by the Engineer Incharge. Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) approved and directed by the Engineer Incharge. 1 12.55 18.75 200 mm Total: -/088 48.66 Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) approved and directed by the Engineer Incharge. 1 12.55 18.75 200 mm Total: -/088 48.66 Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) approved and directed by the Engineer Incharge. 1 12.55 18.75 200 200 200 200 200 200 200 200 200 20		del a	J	20	10	0.50		e .	10	팅
Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars)Deformed bars (Grade-40) Supply and installation of Clip-in, tile of specified thickness non-porous Alumnium false celling 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 ct. i/c cutting charges of tiles to required size, suspension oas and joints sealed with silicon if required of DAMPA/Demark, as approved and directed by the Engineer Incharge (b) Bevelled edges & flange 21.5 mm (iii) 600 mmX 600 mm O.T. O.T. A492 O.T. I 12.25 18.75 Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) of specified thickness duy welded with thermoplastic equipment placed over self-levelling adhesive as approved and directed by the Engineer Incharge. A492 O.T. A492 A492 A492 A492 O.T. A492 O.T. A492 O.T. A492 O.T. A493 O.T. A493 O.T. A492 O.T. A493 O.T. A495 O.T.		Section 1					To	tal: 🗐	89	뜅
Supply and installation of Clip-in tile of specified thickness non-porous Alumnium false celling of specified size fitted with Clip-in-isuspension 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 (b) Bevelled edges & flange 21.5 mm (iii) 600 mmX 600 mm or 1 1 26.25 18.75 mm (iii) 600 mmX 600 mm or 1 1 12.55 18.75 mm (iii) 600 mmX 600 mm or 1 1 12.25 18.75 mm (iii) 600 mmX 600 mm or 1 1 12.25 18.75 mm (iii) 600 mmX 600 mm or 1 1 12.25 18.75 mm (iii) 600 mmX 600 mm or 1 12.25 18.75 mm (iii) 600 mmX 600 mm or 1 12.25 18.75 mm (iii) 600 mmX 600 mm or 1 12.25 18.75 mm (iii) 600 mmX 600 mm or 1 12.25 18.75 mm (iii) 600 mmX 600 mm or 1 12.25 18.75 mm (iii) 600 mmX 600 mm or 1 12.25 18.75 mm (iii) 600 mmX 600 mm or 1 12.5 mm (iii) 600 mmX 600 mm or 1 12.5 mm (iii) 600 mmX 600 mm or 1 12.5 mm (iii) 600 mmX 600 mm or 1 12.5 mm (iii) 600 mmX 600 mm or 1 12.5 mm (iii) 600 mmX 600 mm or 1 12.5 mm (iii) 600 mmX 600 mm or 1 12.5 mm (iii) 600 mmX 600 mm or 1 12.5 mm (iii) 600 mmX 600 mm or 1 12.5 mm (iii) 600 mmX 600 mm or 1 12.5 mm (iii) 600 mmX 600 mm or 1 12.5 mm (iii) 600 mmX 600 mm or 1 12.5 mm (iii) 600 mmX 600 mm or 1 12.5 mm (iii) 600 mmX 600 mm or 1 12.5 mm (iii) 600 mmX 600 mm (iiii) 600 mmX 600 mm (iiiii) 600 mmX 600 mm (iiii) 600 mmX 600 mm (iiii) 600 mmX 600 mm (iii	=	Fabrication of mild making joints and	ement cc of bindin	oncrete, included wire and melon.	luding cutt labour cha	ling, ben arges for Grade-40	iding, layin r binding o 0)	g in po of stee	osition,	
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 mmX600 mm grid, Edge Trims.fasten on wall with plug and screw © 500 mm crolific cutting charges of tiles to required size, suspension rods and joints sealed with silicon if required of DAMPADemark, as approved and directed by the Engineer Incharge (b) Bevelled edges & flange 21.5 mm (iii) 600 mmX 600 mm 1 26.25 18.75 234 LAB STORE 1 12.5 18.75 234 LAB STORE 1 12.5 18.75 366 Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) of specified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer Incharge. 1 12.5 18.75 234 LAB STORE 1 12.5 18.75 234 234 LAB STORE 1 12.5 18.75 234 LAB STORE 1 1 2		int (also includes	685	6.75	0.454	Section 1			209	<u>8</u>
Supply and installation of Clip-in tite of specified thickness non-porous Alumnium false celling of specified size fitted with. Clip-in Suspension: system hanged on Concealed T/Shiplap edge/runners @ 600 mmX600 mm grid, Edge Trimis faster 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 (b) Bevelled edges & flange 21.5 mm (iii) 600 mmX 600 mm directed by the Engineer Incharge (b) Bevelled edges & flange 21.5 mm (iii) 600 mmX 600 mm and incested by the Engineer Incharge (b) Bevelled edges & flange 21.5 mm (iii) 600 mmX 600 mm and labour Room 1.2.5 18.75 18.75 1.00 mmX 600 mm and labour Room 1.2.5 18.75 18.75 1.00 mmX 600 mm and labour Room 1.2.5 18.75 18.75 1.00 mmX 600 mm and labour Room 1.2.5 18.75 18.75 1.00 mmX 600 mm and labour Room 1.2.5 18.75 18.75 18.75 1.00 mmX 600 mmX 600 mm and labour Room 1.2.5 18.75 18.75 1.00 mmX 600			3				Ľ	tal:	209	\$
O.T 1 26.25 18.75 492 LAB STORE 1 12.5 18.75 234 O.T 1 12.5 18.75 234 abour Room 1 12.25 18.75 366 Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO.22196) of specified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer Incharge 7 26.25 18.75 492 LAB STORE 1 12.5 18.75 234 LAB STORE 1 10.5 18.75 234 LAB STORE 1 10.5 18.75 234 LAB STORE 1 1 2	+	Supply and size fitted w mm grid, Ed required size directed by	iffied thich langed or grand scr aled with led edges	cness non-t T Conceale ew @ 500 silicon if re s & flange 2	orous Alt d T/Shipla mm c/c l/c quired of l	imnium ip edge/i cutting DAMPA/	false ceilin runners @ charges o Demark, s nmX 600 n	ig of s 600 r f tiles as app as app		
LAB STORE 1 12.5 18.76 234 LAB STORE 1 12.5 18.75 234 O.T 1 12.5 18.75 366 O.T 1 12.25 18.75 230 Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) of specified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer Incharge. 492 O.T 1 26.25 18.75 234 LAB STORE 1 12.5 18.75 236 LAB STORE 1 12.5 18.75 230 Lab STORE 1 12.25 18.75 230		10	1	26.25	18.75		出す場でも出き攻		49	
LAB STORE 1 12.5 18.75 234 0.T 1 19.5 18.75 366 1 12.25 18.75 230 labour Room 1 12.25 18.75 Total: - /68/8 4566 Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) 230 of specified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer Incharge 1 26.25 18.75 492 0.T 1 12.5 18.75 234 LAB STORE 1 12.5 18.75 230 Isabour Room 1 12.25 18.75 230		1 AB STORF		12.5	18.75	1000			23	
O.T 1 19.5 18.75 366 labour Room 1 12.25 18.75 Total: - /08/2 4556 Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) of specified thickness duly welded with thermoplastic equipment placed over self levelling adhesive as approved and directed by the Engineer Incharge. 492 O.T 1 26.25 18.75 492 LAB STORE 1 12.5 18.75 234 LAB STORE 1 12.5 18.75 234 LAB STORE 1 12.5 18.75 366 O.T 1 12.5 18.75 234 Iabour Room 1 12.25 18.75 234		LAB STORE	1	12.5	18.75				\$2	
12.25 18.75 230 230 230 24566 24		10	1	19.5	18.75				38	
Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) Supply and installation anti microbial Hygenic flooring (with anti bacterial agent) conforming to (ISO:22196) of specified thickness duly welded with thermoplastic equipment placed over self-levelling adhesive as approved and directed by the Engineer Incharge. O.T 1 26.25 18.75 492 LAB STORE 1 12.5 18.75 234 LAB STORE 1 12.5 18.75 234 LAB STORE 1 12.5 18.75 366 O.T 1 12.25 18.75 366 Boour Room 1 12.25 18.75 230		labour Room	1	12.25	18.75				23	
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O.T 12.5 18.75 492 4		Supply and of specified	nic rioorin moplastik targe.		t placed o	agenit / v	levelling at	dhesiv	(e as	
LAB STORE 1 12.5 di875 234 LAB STORE 1 12.5 18.75 234 O.T 1 19.5 18.75 366 Iabour Room 1 12.25 18.75 230				26.25	18.75		100 mm	1. See 1.	49	2 Sft
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1 19.5 18.75 366 n 1 12.25 18.75 230	上			12.5	18.75				\$ <u>`</u>	
our Room 1 12.25 18.75 230		LC	1	19.5	18.75				8	8
	_	labour Room	П	12.25	18.75				23	

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ž Š	ITEM OF WORK	2	_	MEAUS	MEAUSERMEN	<u>.</u>	o oty	
						Total: -	1556	Sft
13	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-SWG G.I Channael of size 3.5"X 2"X3.5" duly screwed on wall i/c the cost of hardwares as approved and directed by the Engineer In-charge (b) 2.5mm thick	cratch-re ed confor wer 14-S sed and di	sistant Hyg ming to (IS WG G.I Ch rected by th	ienic anti- O:22196) annael of e Enginee	microbial and past size 3.5". er In-char	Pvc wall cladd ed over 12mm X 2"X3.5" duly ge (b) 2.5mm 1	ing of thick screwed thick	
	10	2	(26,25+	18.75)	12.00		1080	Sft
	I AB CTORE	1	(17 54	18 75)	12.00		750	8
	I AB STORF	2 0	(12.54	18.75)	12.00		750	\$ \$
	1.0	7	(19.5+	18 75)	12.00		918	₹.
	labour Room	2	(12.25+	18.75)	12.00			Sft
						Total:-	4245	St
4	o							
	D-1						10	
	D-2						5	
	D-3						8	2
	D-4						4	2
	D-5					Total:-	34	2 2
15	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick Deodar/Ash/Oak ply with grooves; compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt, handles; gluessawing charges and lacquar polishing to show the grains of ply properly, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer	of 2.5 mr nick pack ing charg hing woo	n thick Deo ing wood in ges and lace den lipping	dar/Ash/C style and quar polist as approv	ak ply w rails und ning to sh ed and c	th grooves; co er proper press low the grains (irected by the	impressed sure I/c the of ply Engineer	
	Incharge.	10	3.5	7			245	#55
	D-2	5	2.5				88	
	D-3	8	£	7	(1) (4) (4)		168	
	D-4	4	May 4 mm	7		10000000000000000000000000000000000000	112	뿞
	2-d		2	7	1 / Se 1	2	245	
÷	:			# 100 min		Total: -	858	
16	Providing and fixing all types of partly fixed and partly openable glazed anodised/ powder coated aluminium doors, using delux section of M/s Al-Cop or Pakistan Cables, having chowkat frame of size 40 x 100 mm (1½" x 4") and leaf frame of 60x40mm (2½"x1½") wide sections including the cost of ½" (5 mm) thick imported tinted glass with aluminium triangular gola and rubber gasket to support the glass and leaf edging, using approved standard fittings, locks, 3" (75 mm) wide long handles etc., and hardware any required as an proved by the engineer in-charge	and partiy Pakistan X1½") wiu Ilar gola a	ropenable Cables, ha de sections and rubber vide long ha	glazed an ving chow including gasket to indles etc	odised/ p kat fram the cost support t	odised/ powder coated aluminium wkat frame of size 40 x 100 mm the cost of ½" (5 mm) thick support the glass and leaf edging, and hardware any required as	coated aluminium e 40 x 100 mm 5 mm) thick s and leaf edging, any required as	
		2	L	×			SO.	₽,
	GPD COMPANY	3	J.	8			120	
	wards	2	4	œ			64	
17	Providing and laying superb quality Porcelain glazed tiles flooring of MASTER brand of specified size in approved design, Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge.(Non-Skid Chequred Tiles) 300mmx300mm	n glazed esive/bor ling comp	ylazed tiles flooring ve/bond over 3/4" g complete in all re 300mmx300mm	g of MAST thick (1:3) espect as	ER bran cement approvec	Totat: - ER brand of specified size in cement plaster i/c the cost of approved and directed by the	size in cost of by the	No.
	Ramp		30	7		- 1 - 1 - 1 - 1 - 1 - 1	210	Sft
		1	70	8			560	Sft
6	fixing 2'-9" high sta WG welded with ve alternate steps with 1/2" dia passes thro	omprising of 2" dia eel screw s fixed on	of non made stainless stai	gnetic (30 teel rounc rawal plu st, i/c stair	4) Stain I I/ Squar p ugs 3-No	of non magnetic (304) Stain less steel 2" dia pipe stainless steel round/ Squar pipe/ Tong (chimta) s and brass rawal plugs 3-Nos diagonal stainles vertical post, itc stainles steel welding, fixing &	I (G) "	#S
	lete in all respects	ed and d	as approved and directed by the	ne Engine	Engineer Incharge	ge		i
	R/Side Building		2 0	50			9 2	# #
	Wards	1	2	50			100	R#
	STAIR	3	2	35			210 Rft	R#
19	Providing and fixing heavy duty 3 mm thick SS Plate, die-cast metal auotomatic hydraulic operated door stopper (Concealed floor hinge.) embeded in floor lift 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.	SS Plate, n.floor.i/c is.approv	die-cast m the cost of ed and dire	etal auoto Top pivot cted by th	matic hy hinge,ha e Engine	draulic operate irdware; cutting er Incharge.	d door 1 of floor	
	1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、1、					Total: -	7	S S
20	20 Removing windows and sky lights with chowkat	/kat.						

Train of Notice Train of N	<u>~</u>				つて山三	クーショミとはりつてゴミ		•	
Variable 윙		ON					3		
March Marc		w1'	210					21	210 No.
100 100		LW CAN	24		1	Ç.		1 6	4 4 Ş <u>Ş</u>
Total		WZ w2	7 8						Z Z T Q
Total feligig windows Total feligies		CW 2003	35					, C.	2 Z
Providing and Barrier of Early American Provider and Section 1970 (2014) Total: ŀ	of facing windows	32	; ;) [Z S	
Party siding using delux sections of approved standard manufacture having fame size of 10 x 30 mm (x-1) and selections of 50 x 20 mm (x-1) and 1 some more used manufacture having fame size of 10 x 30 mm (x-1) and selections of 50 x 20 mm (x-1) and 1 some more certains of 50 x 20 mm (x-1) and 1 some more certains of 50 x 20 mm (x-1) and 1 some more certains of 50 x 20 mm (x-1) and 1 some multiple (mported plass) with rubber gasket using approved standard lettries, hardware set, as approved by the Engineer of 1 mm (x-1) and 1 some microbial set of 1 mm (x-1) and 1 some microbial set of 1 mm (x-1) and 1 some microbial set of 1 mm (x-1) and 1 some microbial set of 1 mm (x-1) and 1 some microbial set of 1 mm (x-1) and 1 some microbial set of 1 mm (x-1) and 1 some microbial set of 1 mm (x-1) and 1 some microbial set of 1 mm (x-1) and 1 some microbial set of 1 mm (x-1) and 1 some microbial set of 1 mm (x-1) and 1 some microbial set of 1 mm (x-1) and 1 some microbial set of 1 mm (x-1) and 1 some microbial set of 1 mm (x-1) and 1 mm									N N
Variable	partly sliding using delux	ed manu	ndows or a facture hav	nodised <u>/</u> ≢ /ing frame	oowaer c size of 1	oateo panny rixe 100 x 30 mm (4"	d and x1-1/4")		
Mart 210 2.6 4 7 6 6 6 6 6 6 6 6 6	21	and leaf fram glass with rul	%"),all of andard la	1.6mm thi tches, hard	ckness in Ware etc.,	cluding 5 , as appr	mm thick impo	rted tinted lineer in-	
Variety Vari		charge.	6						
Wide 28 3 6.6 6.6 Was 29 4.6 7.5 Was 20 7.5 W		W	210					2100	5 3
Wideling State S	1	w2	64			X A		770	7 6
Figure 2015		w3	280			意識を	できる なる 大型でする	Ž Ž	2 0
Forum technology 10 10 10 10 10 10 10 1	1	Section 19 Control of the section of	25	2 3 2 2 3 3				40,	5 0
Providing and fixing Aluminum Fly screen comprising of Fiber / Murninum wire guazed. Maissians) fixed aluminum fame of approved manufacturer / powder coated of state 1-12/2*x1/2* and 1 form thick with gasket i/c cost of Hardwares as approved and directed by the engineer incharge, complete in all respect as approved the family state of providing and fixing M.S. grittl abricated with M.S. Square polished Verification/criticality M.S. patt of 1-14/4*x1/8* M.S. patt frame of vindows and punched holes in M.S. Patt of 1-14/4*x1/8* M.S. patt incharge 3/8* Square Bars.		front facing windows	32	4100		10 mm	5 M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10801	o d
Providing and fixing Aluminum Fly screen controlled of Fiber / Aluminum wire guaze (Malasian) fixed aluminum frame fixing Aluminum Fly screen controlled to Fiber / Aluminum rand fixing Aluminum Fly screen controlled by the engineer incharges, complete in all respect as approved and directed by the engineer incharges, complete in all respect as approved and directed by the engineer incharges, complete in all respect as approved and directed by the Engineer incharges 30°C Square Bars. 12 qty above item 12 pty 12			*	7.0			Total: -	4	
1/2 qty above item	8		omprising / powder nd directe	of Fiber / coated of sed by the el	Aluminum size 1-1/2" ngineer in	wire guz x1/2" and charge.c	aze (Malasian) fi 1 1.6mm thick w complete in all re	fixed in with rubber respect.	
Providing and fixing M.S.grilli abrocated with M.S. Square polished Vertical Indicators in M.S. Patta (1 - 1/4 x / 16") (the cost of 1 - 1/4 x / 16") (the cost of 1 - 1/4 x / 16") (the cost of 1 - 1/4 x / 16") (the cost of 1 - 1/4 x / 16") (the Engine Inchange 30° Square Bare 100	. [1/2 qty above item	6657	2	2.4	10 to 10		3329	Sft
Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified (@are cost of 1-1/4×1/8* MS patticated to the cost of 1-1/4×1/8* MS patticated by the Engine Incharge 3/8* Square and painting 3 coat complete in all respect as approved and directed by the Engine Incharge 3/8* Square Bars Same Oby as Item No. 21		大学 の 一				対象の対象を	Total:	3328	St
Same Oty as Item No. 21			LMS Squ MS Patti dete in all	are polishe of 1-1/4"x1 I respect as	ed Vertical I/8" i/c the s approve	/horizont cost of d and dir	al Bars of specil 1-1/4"x1/8" MS pecil ected by the En	fied size patti for gineer	
Same Cty as Item No. 21 Total: - ļ		100	8.875	7.5			6658	#	
Pacca brick/work/inground floor-cement, sand inortar/Ratio 14 1.5 7.50 Total: - Pacca brick/work/inground floor-cement, sand inortar/Ratio 14 1.5 7.50 Total: - Removing cement or lime plaster.	ł .	Same Qty as Item No. 21			34 - 20 - 34 - 34 - 34 - 34 - 34 - 34 - 34 - 3			6657	35
Total:							Total:-	13313	뚨
Removing cement or lime plaster. 1 48 15 10tali.	4	Facca prick wing	arid morr	4.5		7.50		1721	<u></u>
Nemoving cement or lime plaster. 1		7					Total: -	1721	
Name of Name 1 48 15 15 15 15 15 15 15 1	KD	ment							
Cement plaster14tiplo 20' (6:00 mm) height -½" (13 mm) flick L5 T.5 T.5		opd R/s wall	н,	48	15			720	
Cement plaster 1.4 tuplo 20' (6:00 mm) height - 2" (13 mm) thick 1.5 7.5	ļ	ward b/s wall	1	270	15			4050	
Opinion prosecutor and contemporate and the providing and fixing 22-SWG /12X12 G I wire mesh and expanded metal (diamond hole shape) 5 mm thick duly fixed with M.S patti 1"X1/8" on M.S angle fron frame 11/2"X1/2"X316" and braces @ 2 ft horizontally & vertically !!c the cost of matti paint as approved & directed by the Engineer Incharge Door CPD Block 7.5 Total: - Providing and fixing 22-SWG /12X12 G I wire mesh and expanded metal (diamond hole shape) 5 mm thick duly fixed with M.S patti 1"X1/8" on M.S angle fron frame 11/2"X1/2"X316" and braces @ 2 ft notation. 100 8.875 7.5 Total: - Double 100 200 2.5 3.5 8.5 - - Painting doors and windows, any type two coats i/c Brushing and scraping blisters of old paints from woodwork. 2.5 3.5 8.5 - Poor 6 2 3.5 8.5 - - Poor 6 2 3.5 8.5 - - Door 10 2 3.5 8.5 - - Door 2 3.5 8.5 - - - Door 2 3.5 8.5 - - Door 2 3.5 8.5	ા વ		1 1/4 5	Joint Com.			lotai:-	4770	ច
opd R/s wall 1 48 15 7.5 ward b/s wall 1 48 15 Total: - ward b/s wall 1 270 15 Total: - Providing and fixing 22-SWG /12X12 G.I wire mesh and expanded metal (diamond hole shape.) 5mm thick duly fixed; with M.S patti 1"x1/6" on M.S angle iron frame 1/2"X1/2"X3/16" and blacks @ 2 ft horizontally & vertically i/C the cost of matt paint; as approved. & directed. by the Engineer Incharge Double 100 8.875 7.5 Total: - Painting doors and windows, any type two coats i/c Brushing and scraping blisters of old paints from woodwork. 25 2 35 8.5 C Door 2 3 8.5 7 C C C F.F 10 2 3 8.5 C </td <td>Ы.</td> <td></td> <td>62 (1</td> <td>A 5</td> <td>75</td> <td>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td></td> <td>2205</td> <td><u></u></td>	Ы.		62 (1	A 5	75	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2205	<u></u>
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ward b/s wall 1 270 15 Total: - Providing and fixing 22-SWG /12X12 G1 wire · mesh and expanded metal (diamond hole shape) 5mm thick duly fixed with M.S patti 1"X1/8" on M.S angle iron frame 11/2"X1/2"X3/16" and braces @ 2 ft horizontally %-vertically lic the costroof matt paint as approved & directed. by the Engineer Incharge Double 100 100 8.875 7.5 Totali: - Painting doors and windows, any type two coats I/c Brushing and scraping blisters of old paints from woodwork. 25 3.5 8.5 Totali: - Door 20 2.5 3.5 8.5 Totali: - F.F 10 2 3.5 8.5 Totali: - Door 2.5 3.5 8.5 Totali: - F.F 10 2 3.5 8.5 Totali: - OPD Block 2 3.5 8.5 Totali: - F.F 10 2 3.5 8.5 Totali: - OT 2 3 8.5 Totali: - Door 3 8.5 Totali: - Totali: - Boor 4 2 3.5 8.5		opd R/s wall	-	48	15			720	
Total: - Total: - Total: - Froviding and fixing 22-SWG /12X12 G.F. wire. mesh and expanded metal (diamond hole shape.) 5mm thick duly fixed with M.S. patit 1"x18" on M.S. angle iron frame 1/2"X1/2"X3/16" and braces @ 2 ft horizontally & vertically lic the cost of malt paint as approved & directed by the Engineer Incharge Double 100		ward b/s wail	7	270	15			4050	
Providing and fixing 22-SWG /12X12 G.F wire mesh and expanded metal (diamond hole shape.) 5mm thick duly fixed with M.S patil 1"x1/6" on M.S angle iron frame 1/2"X1/2" x3/16" and braces @ 2 ft horizontally & vertically lic the cost of matt paint as approved & directed. by the Engineer Incharge Double 100							Total: -	7448	5
Double 100 8.875 7.5 Total: - Painting doors and windows, any type two coats i/c Prushing and scraping blisters of old paints from woodwork. 2 3 5 old paints from 25 old paints from 35 old paint	N		e mesh d M.S angle tt paint a	and expand iron frame is approved	fed metal 9 1½"X1½ 1 & direct	(diamon 2"X3/16" ed by th	hole shape) and braces @ Engineer Inch	5mm 2 ft C/c large	
Painting doors and windows, any type two coats 1/c Brushing and scraping blisters of ôld paints from woodwork. Total: - OPD Block 25 2 3.5 8.5 <td< td=""><td></td><td>Double 100</td><td>100</td><td>8.875</td><td>7.5</td><td></td><td></td><td>6656</td><td>Sft</td></td<>		Double 100	100	8.875	7.5			6656	Sft
Painting doors and windows, any type two coats I/c Brushing and scraping blisters of old paints from woodwork. OPD Block 25 2 3.5 8.5 8.5 Door 10 2 3.5 8.5 8.5 F.F 0 2 3.5 8.5 8.5 Door 45 2 3.5 8.5 8.5 Door 45 2 3.5 8.5 8.5 Door 45 2 3.5 8.5 8.5 Boor 45 2 3.5 8.5 8.5 Boor 45 2 3.5 8.5 8.5	,		and the factors				Total: -		
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<u> </u>	ITEM OF WORK	Ŷ		MEAUSERMENT	ERMEN	⊘	A:	Qty	>	
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		9	2	2.5				7	10 Sf	ایے
		1	2	4	8.5				68 Sft	العة
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29	Scraping Ordinary distemper, oil bound distemper,	emper or	paint of wall						+	
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÷	SHODA IID TO THE TANK	7	107.6	15.5)	11.50	Property Constitution			200	ے او
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	And the second s	. 2	(14+	15.5)	11.50			9	79 Sf	æ
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	Gallery OPD	2	212		9.00			25	44 S	اي
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	O.T BLOCK									la
	DR. ROOM	2	16+	18.75)	11.50				7 C	ے اے
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	PRIVATE ROOM	2	(12.33+	18.75)	11.50				15 5	ᆈ
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4 (18+ 15.5) 115.0 <t< td=""><td></td><td>. 2</td><td>(10.5+</td><td>15.5)</td><td>11.50</td><td></td><td>:</td><td>29</td><td><u>S</u></td></t<>		. 2	(10.5+	15.5)	11.50		:	29	<u>S</u>
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(1) (1) <td>MASJID</td> <td>2</td> <td>(8+</td> <td>15.5)</td> <td>00.9</td> <td></td> <td>Association of the second</td> <td>28</td> <td><u>₩</u></td>	MASJID	2	(8+	15.5)	00.9		Association of the second	28	<u>₩</u>
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2 (45+ 9) 1150 311 2 (10+ 19) 1150 782 2 (10+ 19) 1150 782 2 (10+ 18) 6.00 783 2 (21+ 18) 6.00 468 2 (10+ 15.5) 11.50 488 2 (10+ 15.5) 11.50 488 4 (16+ 15.5) 11.50 488 4 (16+ 15.5) 11.50 488 2 (10+ 15.5) 11.50 488 3 (10+ 15.5) 11.50 488 4 (15+ 15.5) 11.50 891 5 (20+ 15.5) 11.50 892 6 10 6.00 489 10 11.50 800 800 2 (10+ 12.0 6.00 1020 2 (16+ 12.0	DENGUE V	2	(10.5+	19.25)	00.9			35	Sft
2 (10+ 19) 11.50 773 2 (15+ 19) 11.50 773 2 (15+ 19) 11.50 773 2 (10+ 18) 6.00 336 2 (10+ 15,5 11.50 449 2 (10+ 15,5 11.50 449 3 (10+ 15,5 11.50 449 4 (16+ 15,5 11.50 817 2 (10+ 15,5 11.50 817 3 (10+ 15,5 11.50 817 4 (16+ 15,5 11.50 817 2 (10+ 18,5 11.50 817 3 (10+ 18,5 11.50 817 4 (15+ 15,5 11.50 817 5 (10+ 18,5 11.50 817 5 (10+ 18,5 11.50 818 5	STORE	2	(4.5+	6	11.50			31	툸
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2 (10+ 18) 6.00 336 2 (10+ 15,5 11.50 448 2 (10- 15,5 11.50 448 4 (16+ 15,5 11.50 448 4 (16+ 15,5 11.50 448 4 (16+ 15,5 11.50 448 2 (16+ 15,5 11.50 610 2 (20+ 15,5 11.50 611 2 (20+ 15,5 11.50 610 2 (20+ 15,5 11.50 611 2 (20+ 15,5 11.50 610 2 (45+ 8.5 11.50 60 2 (46+ 12) 11.50 60 2 (10- 11.50 60 60 2 (10- 11.50 60 60 2 (10- 11.50 60 60 3 (10		0	(12+	19	11.50			71	<u>₹</u>
2 (Z)+ T(B) 6.00 468 2 (10+ 15.5) 11.50 649 2 (10+ 15.5) 11.50 649 4 (18+ 15.5) 11.50 648 2 (10+ 15.5) 11.50 651 2 (10+ 15.5) 11.50 651 2 (10+ 15.5) 11.50 651 2 (10+ 15.5) 11.50 651 2 (10+ 15.5) 11.50 651 2 (10+ 15.5) 11.50 650 2 (10+ 15.5) 6.00 423 2 (16+ 12) 11.50 6.00 440 2 (16+ 12) 11.50 6.00 423 2 (16+ 12) 11.50 6.00 423 2 (16+ 12.5) 11.50 6.00 423 2 (16- <t< td=""><td>stair case</td><td>6</td><td>(10+</td><td>18</td><td>00.9</td><td></td><td></td><td>33</td><td>Sff</td></t<>	stair case	6	(10+	18	00.9			33	Sff
100	w8ing area	2	101+	18)	009	Manufacture of the second	70 mm 1/2m	46	<u>S</u>
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2 (10.54 15.5) 11.50 5.88 4 (18+ 15.5) 11.50 1541 2 (20+ 15.5) 11.50 671 2 (7+ 15.5) 11.50 671 2 (10+ 19.5) 11.50 671 2 (10+ 19.5) 6.00 600 600 2 (10+ 19.5) 6.00 480 600 2 (10+ 12.0 6.00 480 600 480 2 (16+ 12.0 6.00 6.00 480 6.00 480 2 (16+ 12.0 6.00 6.00 480 6.00 480 2 (16+ 12.0 6.00 6.00 423 40 6.00 423 2 (16- 12.0 6.00 6.00 423 40 2 (10.26+ 16.120 6.00 423 40 6.00 423	STORE		(10+	9.5)	11 50			44	Sff
4 (18+ 15.5) 11.50 1541 4 (15+ 15.5) 11.50 1403 2 (20+ 15.5) 11.50 607 2 (10+ 19- 11.50 607 2 (10+ 19.5) 600 607 2 (10+ 18.5) 11.50 607 2 (10+ 18.5) 600 354 2 (10+ 12) 600 480 2 (16+ 12) 11.50 600 480 2 (16+ 12) 11.50 600 480 2 (16+ 12) 6.00 480 600 480 2 (16+ 12) 6.00 480 443 443 2 (10-25+ 11.50 6.00 443 443 2 (10-25+ 11.50 6.00 443 2 (10-25+ 11.50 6.00 443	PRIVATE ROOM	2	(10.5+	15.5)	11.50			29	<u>s</u>
2 (15+ 15.5) 11.50 1403 2 (7+ 15.5) 11.50 817 2 (7+ 15.5) 11.50 817 2 (10+ 19.5) 6.00 1020 2 (45+ 8.5) 11.50 354 2 (45+ 1.2) 11.50 354 2 (65+ 2.0) 6.00 1020 2 (65+ 2.0) 6.00 1020 2 (18+ 1.2) 11.50 60 2 (18+ 1.2) 11.50 60 2 (18+ 1.2) 11.50 60 2 (18+ 1.2) 11.50 60 2 (18+ 1.2) 11.50 60 2 (10-26+ 16.128) 11.50 60 2 (10.25+ 16.128) 11.50 60 2 (10.25+ 16.128) 11.50 60 2 (10.25+ 16.128) 11.50 60 2 (10.25+ 16.128) 11.50 60 3 (10.25+ 16.128) <td></td> <td>4</td> <td>(18+</td> <td>15.5)</td> <td>11.50</td> <td></td> <td></td> <td>154</td> <td>15</td>		4	(18+	15.5)	11.50			154	15
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2 (7+ 15.5) 11.50 657 2 (10+ 19) 11.50 657 2 (45+ 9.5) 10.00 322 2 (65+ 20) 6.00 1020 2 (65+ 20) 6.00 1020 2 (65+ 20) 6.00 480 2 (16+ 12) 11.50 690 2 (16+ 12) 11.50 690 3 40 6.00 480 2 (16- 12) 11.50 480 2 (16- 12) 11.50 480 2 (10.25+ 20) 6.00 423 2 (10.25+ 10.20 6.00 423 2 (10.25+ 16.125) 11.50 60 2 (10.25+ 16.125) 11.50 60 3 (10.25+ 16.125) 11.50 60 4 (10		. -	100	15.5)	1 50			2 2	₹
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(LL	PRIVATE ROOM	2	(13.5+	15.5)	115			299	Sft
	WAITING HALL	2	(19.25+	15.5)	9			417	뚨

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S.	ITEM OF WORK	2	-	MEAUSI	MEAUSERMENTS	<u>ာ</u>	Qty.	
ġ Ż	STORE	2	(19.25+	15.5)	11.5		7967	Sft
	HALL	12	†8)	9.5)	11.5		400	Sft
	FALAHI MARKAZ	2	(19.5+	15.5)	11.5		3 08	St
	PRIVATE ROOM	2	(19.5+	15.5)	11.5		80	뿞
Ų		- 2	(18+	15.5)	11.5		77.	SE SE
		7	(18+	15.5)	11.5		777	5
	HALL	2	(7.5+	15.5)	11.5		526	SH
	KITCHEN	2	(13.5+	15.5)	115		99	SE SE
	ROOM	2	(12.5+	15.5)	1.5		647	툸
		2	(7.25+	15.52)	11.5		257	SH
		2	(13.5+	15.5)	11.5		.99	뿞
		2	(12.5+	15.5)	11.5		647	장
	WAITING ROOM	· 2	(19.5+	15.5)	9		420	SH S
_	stair case	- 2	184	16)	၀		406	1 5
	CONFERENCE HALL	2	(42+	15.5)	9)69	5
	GALLERY	2	120		9		1440	Sft
L	GALLERY	2	120		9		1440	Sft
	under slab	-	-9.26	7 15.5			 	勘
			6	15.5	1.80	The land of the	140	Sft
			12,5	15.5	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	2 10 10 10 10 10 10 10 10 10 10 10 10 10	194	Sft
		And the second	9.33	15.5	no the second	The second secon	146	Sft
	The second secon		/ 9.25	15.5			143	Sft
	· · · · · · · · · · · · · · · · · · ·	~~	10	15.5		· · · · · · · · · · · · · · · · · · ·	156	Sft
	A Section of the Control of the Cont		9.25	15.5			143	Sft
			12.75	15.5 /			198	Sft
		-	19.25	15.8			296	Sft
		-	15.75	16.5			247	SE
			0.25	15.5		Constitution of the consti	143	Sft
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			14	13.5			776	5 0
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			15.00	15.5		A Company of the Comp	7	0 6
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		1	12.75	15.5			<u> </u>	<u>ال</u>
			/ 9.5	15.5			14/1	5
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		7	19	15.5			/ 295	S
		1/	9.25	15.5 /	18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		143	SH
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			6	/15.5		and the second of	140	방
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		7	9.25	15,8			7 3	둙
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		The same of a	10 5/	18 75	The second second		33	<u> </u>
			12/5	18 75			237	SH
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			12.5	18.75			23,	St
		-	12.25	18.75			23(Sft
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		1/	12.33	18.75			231	St.
<u> </u>			5.25	18.75			6	St
	A service of the serv		9.25	18.78				# 15 E
			6	18.75			168	<u> </u>
		-	181	12.25			350	
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\perp		-	18	18.75			356	Sff
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Ŋ.	ITEM OF WORK			MEAUSEKMENIS	Z Z Z Z Z	I	Oty.	
Š Ž		1	19	18.75			356 Sff	St
		Į	12.75	18.75			239	ま
		1	157	8			1256	֓֞֞֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓
			153	8			1224	Į,
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		\	10.5	8			84	St.
1			10.5	8			/ 84	Sff
1		-	10.5	16			168	Sft
		-	10.5	15.5			163	Sf
			18	15.5			558	Sft
		6	45	15.5	· · · · · · · · · · · · · · · · · · ·	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	465	SF
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	· · · · · · · · · · · · · · · · · · ·	7.4	100	18			168	Sft
			200	5 L			124	₩.
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	A September of the Control of the Co		10	19	1./	And the second s	190	Sff
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		<u>.</u>	10	/9.5			CA	j j
		-	105	/ 15.5		San	163	Sft
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		in the same	20	8			16(N.
			102	8		; ; = ;	816	Sft
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<u> </u>	And the second of the second o		9.25	16.125			14	SH
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		-	8.8/2	200			Y	# <i>C</i>
		- X	4.5	9.25			180	######################################
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		,	15.33	6			7,60	# # # # # # # # # # # # # # # # # # #
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Ι.	VICTURE OF THE VICTOR	N		MEAU	MEAUSERMENTS	(TS	ð	
Ä.	I EIVI OF WORK	NO	7	3		Ξ	ظری.	
	Tile Bats							
	Take 30% Qty as per Item No. 36	₩.	13924	30%	4177	Sft		
		1	4177	0.125			522	Ċ₩
	steel	928	2	0.454			1749	kg

Sub Disjonal Officer

Building Sub Division

pindigheb

Executive Engineer Buildings Division, Attock

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ABSTRACT OF COST

CONSTRUCTION OF ROOM FOR FILTERATION

	1	
Sr No	Description	Amount
	Construction of Room for Filteration Plant 34,692.89	4042935
2	Electric Installation	71784
ო	Detail of Water Suppy Network	1021085
	4562158 G.Total:	5135806
	Add 3% Contingency:	13600 16702
	G.Total:	42289879
		10001

Executive Engineer
Buildings Division
Attock

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ABSTRACT OF COST CONSTRUCTION OF ROOM FOR FILTERATION PLANT

3					
S N	Description	Qty	Unit	Rate	Amount
-	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) in Hard soil.	1375	%0Cft	11949.45	16430
2	Cement concrete brick or stone ballast 1½" to 2" (40 mm to 50 mm) gauge, in foundation and plinth Ratio 1: 6: 12	366	%Cft	21178.45	77513
က	Pacca brick work in foundation and plinth in Ratio 1:6	662	%Cft	30137	199507
4	Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in 5(a) (i) above not requiring form work (i.e. horizental shuttering) complete in all respects:- Type C (nominal mix 1: 2: 4)	94	P.Cff	537.5	50525
5	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) deformed bars Grade-40.	288	%Kg	31418.2	90484
9	and I:2: ∠ Ind c	68	%Sft	8600.8	7655
2	idir ent tur 1:4	129	%S#	5514.55	7114
8	Pacca brick work in ground floor with cement, sand mortar Ratio 1:6	1083	%Cft	32320.85	350035
6	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects 1: 2: 4 ratio	356	P.Cft	537.5	-006998
10	Fabrication of concrete, incluc making joints a wire and lab reinforcement (deformed bars (2033	%Kg	31418.2	34/5/6-
7 5		1177	%Sft	3082.5	36281
13	Cement plaster 1.4 upto 20 neight 72 thick Cement plaster 3/8" (10 mm) thick under soffit of R.C.C. roof slabs only, upto 20' height 1:3 ratio	615	%Sft	3699.4	43750 22747
14	Filling, was	917	%0Cft	5090.45	4668
15	Filling, watering and ramming earth under floors with surplus earth from foundation, etc with new earth excavated from outside, 3 mile	0	%0Cft	18484.85	0
16		152	%Cft	3429.85	5213

					(66
Sr No	Description	Qty	Unit	Rate	Amount
17	Providing, laying, watering and ramming brick ballast 11/2" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects	218	%Cft	9464.4	20632
18	Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) Ratio 1: 2: 4	74	%Cft	36753.3	27197
19	Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in panels (c) 1½"(40 mm) thick	328	%Sft	6927.1	22721
20	Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels Size 11/2" x 3/8" thick	197	P.Rft	19.8	3901
21	Providing and section frame (40x25mm) (10x10mm) supported wil (5 mm) thic (13x13mm) outer side by screws inclut %"x¼" (6x6n ½"x½" (13x1 fitting and pa	06	P.Sft	1,605.35	144482
22	P/F 1-1/2" thick solid flush door comprising of 2.5 mm thick thick Commercial ply compressed over 2.5 mm thick commercial ply over 1" thick packing wood in style and rails under proper pressure i/c the cost of nails, tower bolt, handles, glue, sawing charges, Painting charges, sand papering and 3/8" thick matching wooden lipping as approved and directed by the Engineer Incharge.	4¢	P.Sff	502.2	17075
23		460	P.Sft	340.35	156561
24	Providing and laying superb quality Porcelain glazed tiles of Master brand, skirting/dado of specified size, Color and Shade with adhesive/ bond over 1/2"thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. Full body Glazed Tile 600mm x600 mm	104	P.Sft	340.35	35396
25		1177	%Sft	1283.5	15107
56		1508	%Sft	1925.45	29041
27	Glazing with panes (24 deodar wooden fillets.	80	P. Sft	207.15	1657

<u> </u>		4	& Q	33
Amount	3937	29754	1604480	4042935
Rate	492.15	20953.65	16°4'48' 1627920 1627920	Total
Qty Unit	P. Sft	%Sft	P.Job	
Q _t	80	142	~	
Description	Providing and fixing M.S. flat ½"x1/8" (13mm x 3mm) grill including ¾" x 1/8" (20 mmx3 mm) M.S. flat frame, in windows of approved design, including painting three coats complete in all respects	Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over ½"(13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing using grey cement ½"(13 mm) thick	30 P/F Resevse osmosis Drinking water filtration plant capacity 500-600 ltr LPH with blending UF membrane complete in all respect as approved and directed by Engineer Incharge	
s S		29	30	

b Divisional Officer Lilding Sub-Division pindigheb

Executive Engineer
Buildings Division
Attock

3008

CONSTRUCTION OF ROOM FOR FILTERATION PLANT

70							i
Ė		z		Δ	I	Qty	Unit
~	Excavation in foundation of building, bridges and other structures, including dagbelling, refilling around structure with excavated earth, watering and ramming lead upto one cha and lift upto 5 ft. (1.5 m) in ordinary soil.	res, inc mming	luding dagt lead upto o	gbelling, dressing, one chain (30 m)	dressing, ain (30 m)		
	H/Wall	3	24.125	3	3	651	ŧ
	V/Wail	7	18.125	၉	3	326	5
		7	3.125	m	m	9	58
	Р.Р	2	26.75	1.5	2	161	5 5
		2	30.125	1.5	2	181	Ę
					Toto T	342	₽
2	crete brick or stone ballast 11/2 " to 2" (40 mm to	50 mm)	n) gauge, in	foundation and	ion and	13/3	5
	plinth Ratio 1: 6: 12	,					
	H/Wall	რ ი	24.125	က	0.75	163	#J
	A V V COLL	7 6	18.125 2.125	, C	0.75	27,	5 8
	q.q	1 6	26.75	ے ابر	0.73	27	5 t
		12	30.125	- - - - - - - - - - - - - - - - - - -	0.3333	30	<u> </u>
		1	22.25	4.5	0.5	50	#5
ļ					Total	366	뚱
7	Pacca brick work in foundation and plinth in Ratio 1:6	,	000	ı G	ı		i
	III/Wall	, n	23.375	2.25	0.25	99	# to
		2 60	22 625	1.073	0.23	25 25	5 t
		3	22.25	1.125	3	225	<u> </u>
	V/Wall	2	16.875	2.25	0.25	19	ij
		2.	17.25	1.875	0.25	16	Ę,
		7	17.625	1.5	0.25	13	5
	V/M/sil Versuds	7 0	18	1.125	₂ ر	122	5 5
		7 0	3.6/3	2.75 4 875	0.25	4 <	5 8
		10	4 625	1.073	0.25	1 (C	<u> </u>
		2	5	1.125	3	34	55
	steps	1		4.5	0.5	50	5
		-	22.25	3.375	0.5	38	₽
			П	2.25	0.5	25	ţ,
	- The state of the			-CZL.L	0.5	E 29	5 8
4	Reinforced cement concrete in slab of rafts / strip foundation, base walls; etc and other structural members other than those mentioned form work (i.e. horizental shuffering) complete in all respects Tyne C.	base s	slab of column and in 5(a) (i) above not	column and retaining (i) above not requiring	etaining equiring	700	5
	10 mm			. [
	Pribeam Hivvall	က	22.125	1.125	0.75	56	₹;
	VIVVali	, i	22 4	1.125	0.75	<u>۾</u>	5 5
		1	,	27.	Total	95	3 5
2	Fabrication of mild steel reinforcement for cement concrete, in	including	g cutting, be	bending, la	aying in		
	position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) deformed bars Grade-40	wire an deforme	wire and labour charges deformed bars Grade-40	arges for de-40	binding		
		-	94	6.75	0.454	288	各
		Ιİ			Total	288	Kg
ဖ	Providing and laying damp proof course of cement concrete 1:2: one cost bitumen and one cost notythene sheet 500 course 1.5" this	4 5	including bitumen coating	nen coat	ing with		
			20.05	1 125		7.	¢ U
		2	18	1,125		4	Sft
		8	1.125	1.125	i	4	S#
	<i>b</i> /C	,	ч	4 C A	Total	35	Sft
		-	0	1.123	Total	٥	5 3
7	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating with one coat of bitumen and one coat of polythene sheet 500 gauge ½" thick	nd plasi	er and biturk	men coat	ing with	3	
		2	18	1.5		55	Sft
		2	20	1.5		09	St
		7	ç	1.5	Total	<u>၂</u> ၁၀	<u>₹</u>
8	Pacca brick work in ground floor with cement, sand mortar Ratio			- :	- Crai	27	5
		2	22.25	1.125	12	601	₽

1	N/Wall Above Pillar Deduction Window Door Lintel Reinforced cement concrete in roof slab, beams, members laid in situ or precast laid in position, or prespects 1: 2: 4 ratio respects 1: 2: 4 ratio Fabrication of mild steel reinforcement for cement of steel reinforcement (also includes removal of rust of steel reinforcement plaster 1:5 upto 20' height ½" thick Outer walls Shade	columns stressed rooncrete, of binding rom bars)	18.25 22.25 5 5 5 6.5 6 6.5 6.5 6.5 6.75 6.75 20 20 20 20 20 20 20 20 20 20 20 20 20 2		12 3.5 3.5 3.5 3.5 8.5 0.75 0.75 0.75 0.417 1 0.417 0.75 0.75 0.75	493 88 88 88 39 39 32 101 101 101 101 101 101 108 20 48 48 48 48 5 5 7 6 48 5 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Above Abov	Above Deduction Window Door Lintel Reinforced cement concrete in roof slab, beams, members laid in situ or precast laid in position, or prespects 1: 2: 4 ratio Fabrication of mild steel reinforcement for cement position, making joints and fastenings, including cost of steel reinforcement (also includes removal of rust of steel reinforcement plaster 1:5 upto 20' height ½" thick Cement plaster 1:4 upto 20' height ½" thick Outer walls Cement plaster 3/8" (10 mm) thick under soffit of R.C Shade	columns stressed r	22.25 5 5 5 6.5 6 6.5 6.5 6 6.5 6.5 6 6.75 6.75 20 20 20 20 20 20 20 20 20 20 20 20 20 2		3.5 3.5 3.5 8.5 0.75 0.75 0.75 0.417 1 0.417 0.75 0.75	450. 39 39 39 39 39 39 39 39 39 39 39 39 39	5 5 5 5 5 5 5 5 5 5 5 5 5
Piller 1.00	Pillar Deduction Window Door Lintel Reinforced cement concrete in roof slab, beams, members laid in situ or precast laid in position, or presents 1: 2: 4 ratio Fabrication of mild steel reinforcement for cement oposition, making joints and fastenings, including cost of steel reinforcement (also includes removal of rust for steel reinforcement (also includes removal of rust for steel reinforcement (also includes removal of rust for steel reinforcement (also includes removal of rust forment plaster 1:5 upto 20' height ½" thick Cement plaster 1:4 upto 20' height ½" thick Outer walls Cement plaster 3/8" (10 mm) thick under soffit of R.C Shade Filling, watering and ramming earth under floors with earth excavated from outside, 3 mile Room Deduction (from Surplus earth)	columns stressed r of binding rom bars)	5 5 5 6.5 6.5 6.75 6.75 20 20 20 20 20 20 20 20 20 20 20 20 20		3.5 8.5 Total 6 8.5 0.75 0.75 0.75 1 0.417 0.75 0.75 0.75	39 32 1253 101 101 101 101 101 101 1083 25 25 25 25 16	
Pilliar Deduction Window 3 1725 1725 65 432	Pillar Deduction Window Door Lintel Reinforced cement concrete in roof slab, beams, members laid in situ or precast laid in position, or prerespects 1: 2: 4 ratio Fabrication of mild steel reinforcement for cement of steel reinforcement (also includes removal of rust of steel reinforcement plaster 1:5 upto 20' height ½" thick Cement plaster 1:4 upto 20' height ½" thick Outer walls Shade Shade Filling, watering and ramming earth under floors with earth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)	columns stressed r	1.125 5 6 6 6.5 6.5 6.5 6.5 6.5 6.5		8.5	32 1253 101 101 101 108 309 648 648 5 5 5 648 648 648	5 5 5 5 5 5 5 5 5 5
1	Deduction Window Door Lintel Reinforced cement concrete in roof slab, beams, members laid in situ or precast laid in position, or prespects 1: 2: 4 ratio Fabrication of mild steel reinforcement for cement position, making joints and fastenings, including cost of steel reinforcement (also includes removal of rust of Steel reinforcement (also includes removal of rust of Cement plaster 1:5 upto 20' height ½" thick Cement plaster 1:4 upto 20' height ½" thick Outer walls Cement plaster 3/8" (10 mm) thick under soffit of R.C Shade Shade Filling, watering and ramming earth under floors with earth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)	columns stressed rom bars)	5 6.5 6.5 6.75 6.75 20 20 20 20 20 20 20 20 20 20 20 20 20		Total 6 8.5 0.75 0.75 0.75 Total 7 0.417 0.75 0.75 0.75	101 101 101 16 16 170 1083 204 648 25 5 5 16 16 170 1083	 5 5 5 5 5 5 5 5
Percention Window 3 6 1122 6 175 6 175	Peduction Window Door Lintel Reinforced cement concrete in roof slab, beams, members laid in situ or precast laid in position, or prerespects 1: 2: 4 ratio respects 1: 2: 4 ratio Fabrication of mild steel reinforcement for cement position, making joints and fastenings, including cost of steel reinforcement (also includes removal of rust of Steel reinforcement (also includes removal of rust Cement plaster 1:5 upto 20' height ½" thick Cement plaster 1:5 upto 20' height ½" thick Cement plaster 1:4 upto 20' height ½" thick Cement plaster 3/8" (10 mm) thick under soffit of R.C Shade Shade Filling, watering and ramming earth under floors with earth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)	columns stressed r con bars)	5 6.5 6.5 6.5 6.7 6.75 20 20 20 20 20 20 20 20 20 20 20 20 20		6 8.5 0.75 0.75 1 Total rructural ete in all 0.417 0.75 0.75	101 48 48 16 170 170 170 170 25 25 5 5 16 16 170 170 170 170 170 170 170 170 170 170	5 5 5 5 5
1 5 1129 175 64	Reinforced cement concrete in roof slab, beams, members laid in situ or precast laid in position, or precespects 1: 2: 4 ratio Reinforced cement concrete in roof slab, beams, members laid in situ or precast laid in position, or precespects 1: 2: 4 ratio Fabrication of mild steel reinforcement for cement position, making joints and fastenings, including cost of steel reinforcement (also includes removal of rust of steel reinforcement plaster 1:5 upto 20' height ½" thick Cement plaster 1:5 upto 20' height ½" thick Cement plaster 1:4 upto 20' height ½" thick Cement plaster 1:4 upto 20' height ½" thick Cement plaster 1:4 upto 20' height ½" thick Cement plaster 1:4 upto 20' height ½" thick Cement plaster 1:4 upto 20' height ½" thick Cement plaster 1:4 upto 20' height ½" thick Cement plaster 1:4 upto 20' height ½" thick Cement plaster 1:5 upto 20' height ½" thick Cement plaster 1:4 upto 20' height ½" thick Cement plaster 1:5 upto 20' height ½" thick Cement plaster 1:5 upto 20' height ½" thick Cement plaster 1:6 upto 20' height ½" thick Cement plaster 1:6 upto 20' height ½" thick Cement plaster 1:6 upto 20' height ½" thick Cement plaster 1:6 upto 20' height ½" thick Cement plaster 1:6 upto 20' height ½" thick Cement plaster 1:6 upto 20' height ½" thick Cement plaster 1:6 upto 20' height ½" thick Cement plaster 1:6 upto 20' height ½" thick Cement plaster 1:6 upto 20' height ½" thick Cement plaster 1:6 upto 20' height ½" thick Cement plaster 1:6 upto 20' height ½" thick Cement plaster 1:6 upto 20' height ½" thick Cement plaster 1:6 upto 20' height ½" thick Cement plast	columns stressed roor binding rom bars)	6 6.5 6.5 6.5 6.75 6.75 6.75 6.75 6.75 6		8.5 0.75 0.75 0.75 1 Total 0.417 0.75 0.75	48 16 170 170 1083 25 25 25 25 16 16	5 5 5 5 5 5 5
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1 6.5 1.129 0.75 6 Fabrication of mild steel retriforcement to concrete, including cutting bending bying in position, making joints and labour changes trying by of steel retriforcement (also includes removal of rust from bars), deformed bars Grade 40. Cement plaster 1.5 upto 20* height 1/2" thick	Fabrication of mild steel reinforcement for cement position, making joints and fastenings, including cost of steel reinforcement (also includes removal of rust forment plaster 1:5 upto 20' height ½" thick Outer walls Cement plaster 1:4 upto 20' height ½" thick Outer walls Cement plaster 1:4 upto 20' height ½" thick Cement plaster 3/8" (10 mm) thick under soffit of R.C. Shade Filling, watering and ramming earth under floors with earth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)	concrete, of binding rom bars)	6.5 6.5 6.5 6.5 1 bars (6.75 20 20 20 5 20	1.125 1.125 1.125 2ending, I larges for ade-40. 0.4536 8 8 8 8 8 3.5 -	0.75 0.75 Total	16	티팅팅
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Total 649 Experiment of mild steel reinforcement for cement concrete, including cutting, bending, laying in 35 Outer walks Dub 20' height ½" thick 256 267 6.75 0.45.6 16.95 Cement plaster 1.5 upto 20' height ½" thick 266 27 20 12 14.5 16.95 Cement plaster 1.5 upto 20' height ½" thick 266 27 20 20.25 14.5 16.95 Cement plaster 1.5 upto 20' height ½" thick 27 20 20.25 14.5 16.95 Cement plaster 1.5 upto 20' height ½" thick 27 20 20.25 14.5 16.95 Cement plaster 1.5 upto 20' height ½" thick 27 20 20.25 14.5 16.95 Cement plaster 30" (10 mm) thick under sofit of R.C.C. roof slabs only, upto 20' height 13 ratio 350 Cement plaster 30" (10 mm) thick under sofit of R.C.C. roof slabs only, upto 20' height 13 ratio 360 Shade 27 20.25 1.5	Fabrication of mild steel reinforcement for cement position, making joints and fastenings, including cost of steel reinforcement (also includes removal of rust for the factorial cement plaster 1:5 upto 20' height ½" thick outer walls Cement plaster 1:4 upto 20' height ½" thick Cement plaster 1:5 upto 20' height ½" thick Cement plaster 1:5 upto 20' height ½" thick Cement plaster 1:6 upto 20' height ½" thick Cement plas	of binding rom bars)	cutting labour labars (6.75 6.75 20 20 20 20 20 20 20 20 20 20 20 20 20	Dending, It arges for ade-40. 12 12 8 8 3.5 3.5	Total		
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1 20 3.5 70	Cement plaster 1.4 upto 20' height 1/2" thick Outer walls Cement plaster 3/8" (10 mm) thick under soffit of R.C. Shade Filling, watering and ramming earth under floors with earth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)	1 2	20	3.5		3 5	5 6
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2 20.25 14.5 0.45	Cement plaster 3/8" (10 mm) thick under soffit of R.C. Shade Shade Filling, watering and ramming earth under floors with earth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)	7	1000	14		į	į
2 6.125 3.5 43	Cement plaster 3/8" (10 mm) thick under soffit of R.C. Shade Shade Filling, watering and ramming earth under floors with searth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)	6	20.25	2 4 L		045	둙
1. 22.25 3.5 Total 1353	Cement plaster 3/8" (10 mm) thick under soffit of R.C. Shade Shade Filling, watering and ramming earth under floors with searth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)	2	6.125	3.5		43	2 €
Cement plaster 3/6" (10 mm) thick under sofft of R.C.C. roof slabs only, upto 20' height 1:3 ratio 360	Cement plaster 3/8" (10 mm) thick under soffit of R.C. Shade Shade Filling, watering and ramming earth under floors with searth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)	1.	22.25	3.5		282	뚨
1	Shade Shade Filling, watering and ramming earth under floors with searth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)			ľ	Total	1353	돐
1 20 5 100	Shade Filling, watering and ramming earth under floors with searth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)		/, upto 20" r 20	<u>"</u>	ratio	9	ŧ
Shade 2 29.375 1.5	Shade Filling, watering and ramming earth under floors with silling, watering and ramming earth under floors with earth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)		000	٥٠		200	티
2 22.25 1,5	Filling, watering and ramming earth under floors with searth earth under floors with earth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)	- 2	29.375	5.		3 8	<u></u>
Filling, watering and ramming earth under floors with surplus earth from foundation, etc. 1375 1375	Filling, watering and ramming earth under floors with selling, watering and ramming earth under floors with earth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)	2	22.25	1.5		29	S H
Filling, watering and ramming earth under floors with surplus earth from foundation, etc 2/3 917 Filling, watering and ramming earth under floors with surplus earth from foundation, etc with new earth excavated from outside, 3 mile 1 20 18 1.75 175 Room 1 20 5 1.75 175 Room 1 20 5 1.75 175 Cament concrete plain including placing compacting, finishing and curing complete (including screening and vashing of stone aggregate) 1 20 5 0.25 31 Cament concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) Ratio 1: 2: 4 20 5 0.16 58 Floor 1 20 1 20 5 0.25 31 Floor 1 20 5 0.25 31 Floor 1 20 5 0.16 35 Floor 1 20 5 0.16 35 Floor 1 20 18 0.16 58 Floor 1 20 5 0.16 16 Floor 1 20 5 0.16 16 Floor 1 20 5 0.16 16 Floor 1 20 1 10 Floor 1 2 2 3 Floor 1 2 3 Floor 1 3 3 Floor 1	Filling, watering and ramming earth under floors with searth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)				Total	615	Sŧ
Filling, watering and ramming earth under floors with surplus earth from foundation, etc with new Boom earth excavated from outside, 3 mile 1	Filling, watering and ramming earth under floors with earth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)	s with surplus earth from	foundation	etc	2/3	27	\$
Supplying and filling sand under floor, complete in all respects 1 20 18 1.75 630	earth excavated from outside, 3 mile Room Ver. Deduction (from Surplus earth)	with surplus earth	om foundat	on, etc	vith new	216	5
1	Ver. Deduction (from Surplus earth)						
Deduction (from Surplus earth)	Deduction (from Surplus earth)	-	200	18	1.75	630	뜅
Deduction (from Surplus earth) (-) 917 Supplying and filling sand under floor; or plugging in wells. 1 20 18 0.33 149 Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects 1 20 18 0.33 119 Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects 1 20 18 0.33 33 Cement concrete plain including placing compacting, finishing and washing of stone aggregate) Ratio 1: 2: 4 2 27.75 2.25 0.25 31 Floor 1 20 5 0.16 5 0.16 58 Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in 74 1 <t< td=""><td>Deduction (from Surplus earth)</td><td>-</td><td>07</td><td>n</td><td>Total</td><td>c/2</td><td>5 5</td></t<>	Deduction (from Surplus earth)	-	07	n	Total	c/2	5 5
Supplying and filling sand under floor, or plugging in wells. 1 20 18 0.33 119 Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects 1 20 18 0.33 33 Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects 1 20 18 0.33 33 Cement concrete plain including placing compacting, finishing and washing of stone aggregate) Ratio 1: 2: 4 2 27.75 2.25 0.25 31 Floor 1 20 18 0.16 58 Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in 74	mu.				(-)	917	팅
1 20 18 0.33 119	Supplying and filling sand under floor, or plugging in	well			Total	•	뜅
1 20 5 0.33 33	666		20	18	0.33	119	ü
Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects			20	ιΩ	0.33	33	텡
with 25% sand, for floor foundation, complete in all respects 1 20 18 0.33 119 2 30.875 2.25 0.25 35 2 30.875 2.25 0.25 31 2 27.75 2.25 0.25 31 2 27.75 2.25 0.25 31 2 27.75 2.25 0.25 31 2 27.75 2.25 0.25 31 2 27.75 2.25 0.25 31 3 1 20 1 20 1 20 4 1 20 5 0.16 16 16 8 1 20 5 0.16 16 16 9 1 20 5 0.16 16 16 16 1 20 5 0.16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16 16	Providing, laying, watering and ramming brick	hallast 11/3" to 2"(40	to 50		Total	152	5
1 20 18 0.33 119 2 30.875 2.25 0.25 35 2 30.875 2.25 0.25 35 3 3 3 4 20 5 0.25 35 5 27.75 2.25 0.25 31 7 20 27.75 2.25 0.25 31 8 20.6 20.6 31 9 20.6 20.6 31 1 20 18 0.16 18 1 20 5 0.16 16 1 20 5 0.16 16 1 20 5 0.16 16 1 20 5 0.16 16 1 20 5 0.16 16 1 20 5 0.16 16 1 20 5 0.16 16 1 20 5 0.16 16 1 20 5 0.16 16 1 20 5 0.16 16 1 20 5 0.16 16 2 2 2 2 2 3 3 3 3 4 3 3 5 3 3 6 3 3 7 3 3 7 4 7 7 7 8 7 7 9 7 9 7 10 7	with 25% sand, for floor foundation, complete in all	all respects	2	2) (
2 30.875 2.25 0.25 35		~ ·	20		0.33	119	티티
2		- 2	30.875	<u>الإل</u> ام	0.55	35	5 5
Cement concrete plain including placing compacting, finishing and curing complete (including screening and washing of stone aggregate) Ratio 1: 2: 4 Floor Floor Total	2.	27.75	121	0.25	31	팅	
screening and washing of stone aggregate) Ratio 1: 2: 4 Floor 1 20 18 0.16 58 Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in	Cement concrete plain including placing	finishing	curing		Total	218	뜅
1 20 18 0.16 58 10 20 19 10 10 10 10 10 10 1	ning and washing of stone aggregate)	1: 2: 4			,		
Providing and laying topping of cement concrete 1:2:4, including surface finishing and dividing in	LIBOR		50 20 20	 Σ ι	0.16	28	텕
Providing and laying topping of cement concrete 1:2.4, including surface finishing and dividing in			3	>	Total	2 4	<u> </u>
•	Providing and laying topping of cement concrete	1:2:4, including	ace finishin	and	/iding in		

y shade for dividing the mosaic flooring into panels Size 1/3		Description	z		<u> </u>	I	À	IInit	—
2 22.25 3 10				32 375	 		407	1 40	
10ta 10ta		-	1 2	22.25	ာ က		134	7 5	
328						Total	┸	Sff	
328	g ×	I .	saic	flooring into	panels	Size 11/2"		5	
ame 2"x1½", leaves frame 1-½x1" tru" shaped rubber supported with trion ½"x½" of 16 SWG for fixing 24 trand screws I/C all C.P. fitting and 3 frails under proper pressure i/c the mannercial ply compressed over 2.5 d rails under proper pressure i/c the mannercial ply compressed over 2.5 d rails under proper pressure i/c the mannercial ply compressed over 2.5 d rails under proper pressure i/c the mannercial ply compressed over 2.5 d rails under proper pressure i/c the mannercial ply compressed over 2.5 d rails under proper pressure i/c the mannercial ply compressed over 2.5 d rail respect as approved and 3/8" and I respect as approved and 1.2 d rails under proper pressure i/c the cost free in all respect as approved and 1.2 d rail respect as approved and 1.2 d rail respect as approved and 1.2 d rail respect new surface 2 coat 1.5 ding 3/4" x 1/8" (20 mmx3 mm) M.S. ee coats, complete in all respects. 1			328		·	9.0	197	R#	
3 5 6 Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total Total	P A L S B	oviding and fixing windows consisting of M.S. box section fr. x section frame for glazing 3/8"x3/8" using 16 SWG sheet x1/8" M.S. flat for fixing 3/16" thick glass panes M.S. box sec NG wire gauze on outer side by means of 3/4"x1/8" M.S. flat infing 3 coats complete in all respect.	u'sh u'sh an %	'X1½", leave aped rubber 'X½" of 16 SI crews I/C all	s frame s suppol WG for I C.P. fil	1-½"x1" rted with fixing 24 tting and			
Total Tota			3	5	ဖ	ļ 	96	Sft	
ng charges, sand papering and 3/8" Engineer Incharge. 1		F 1-1/2" thick solid flush door comprising of 2.5 mm thick Com thick commercial ply over 1" thick packing wood in style and of solid flush thick packing wood in style and other solid flush the style and other solid flush the solid flush t	merc rails u	ial ply comp under proper	ressed pressur	Total over 2.5 re i/c the	06	Sft	
ing of MASTER brand of specified ver 3/4"thick (1:3) cement plaster i/c plete, in all respect as approved and 1 common plaster i/c plete, in all respect as approved and 1 common plaster i/c the cost title in all respect as approved and 1 common plaster i/c the cost title in all respect as approved and 1 common plaster i/c the cost title in all respect as approved and 1 common plaster i/c the cost title in all respect as approved and 1 common plaster i/c the cost title in all respect as approved and 1 common plaster i/c total code in all respect new surface 2 coat code in all respect new surface 2 coat code in the ratio of 3:1 and two parts 3, including rubbing and polishing, 2000-600 ltr LPH with blending UF Engineer Incharge 1 total 1 tota	ا ہے≿	ick matching wooden lipping as approved and directed by the	l cnar ngine	ges, sand pager ger Incharge.	apering.	and 3/8"			
ing of MASTER brand of specified ver 3/4"thick (1:3) cement plaster i/c plete, in all respect as approved and 1 20 5 7 1013	- 1		-	2		6.875	34	Sff	
of Master brand, skirting/dado of Master brand, skirting/dado of inck (1:2) cement plaster i/c the cost te in all respect as approved and a vs600 mm 2 2 20 0 4 4 1 20 4 4 1 20 7 4 Ility on external surface of building in all respect new surface 2 coat and in all respect new surface 2 coat and in all respect new surface 2 coat and in all respect new surface 2 coat and in all respect new surface 2 coat and in all respect new surface 2 coat and in all respect new surface 2 coat and in all respect new surface 2 coat and in all respects. 2 29.375 1.5 Total coats, complete in all respects. 3 including rubbing and polishing, including rubbing and polishing. 1 5 1.5 Total and two parts and including rubbing and polishing.	Ig : S 문 : B	roviding and laying superb quality Porcelain glazed tiles floor ze in approved design, Color and Shade with adhesive/bond over cost of sealer for finishing the joints i/c cutting grinding comprected by the Engineer Incharge.600mmx 600 mm	ig of ray4"	MASTER brathick (1:3) oc all respect a	and of s ement p	Iotal specified laster i/c wed and		SH	
1 20 5 Total			-	20	18		360	Sŧ	
of Master brand, skirting/dado of nick (1:2) cement plaster i/c the cost te in all respect as approved and a vs600 mm 2 20 0.33 2 18 - 0.33 2 18 - 0.33 1 20 4 4 1 4.5 0.33 1 20 4 4 1 4.5 1.5 1.5 2 22.25 1.5 1.5 2 22.25 1.5 1.5 3 including rubbing and polishing, 34 including rubbing and polishing, 34 including rubbing and polishing, 34 including rubbing and polishing, 34 including rubbing and polishing, 34 including rubbing and polishing, 34 including rubbing and polishing, 3500-600 ltr LPH with blending UF Engineer Incharge			-	70	2	Totel	9	뚨	
2 20 0.33 2 18 - 0.33 1 20 4 Total 1 4.5 0.33 Ility on external surface of building in all respect new surface 2 coat 2 22.25 1.5 2 29.375 1.5 2 29.375 1.5 ding 34" x 1/8" (20 mmx3 mm) M.S. ee coats, complete in all respects. 1 5 1.5 7 Ader in the ratio of 3:1 and two parts 3, including rubbing and polishing, 1.5 Engineer Incharge 1 Total	무용하	ng and layin d size, Color sealer for fir d by the Engir	K (1;; in a 600 r	ster brand, 2) cement pla Il respect as	skirting/ aster i/c s appro	dado of the cost ved and			
1 20 4 1 20 4 1 20 4 1 4.5 0.33 1 4.5 0.33 1 4.5 0.33 1 4.5 1.5 2 22.25 1.5 2 22.25 1.5 3 22.25 1.5 4 5 1.5 5 1.5 6 1.5 7 6 7 6 8 1.5 9 1.5 1 5 1.5 1			2	20		0.33	13	Sft	
1			7	8 2		0.33	12	Sft	
1			-	07		4 Total	8 5	#5 # 5	
Total Total Ity on external surface of building in all respect new surface 2 coat 2 29.375	اۃا		<u></u>	4.5		0.33	3 ~	i ii	
lity on external surface of building in all respect new surface 2 coat 2 29.375 1.5 Total 2 22.25 1.5 Total 3 22.25 1.5 Total 1 5 1.5 1 5 1.5 4 6 coats, complete in all respects. ee coats, complete in all respects. ee coats, complete in all respects. e. Total two parts of 3.1 and two parts 3, including rubbing and polishing, fool-600 ltr LPH with blending UF Engineer Incharge 1	اظّا	stempering new surface two coats with priming coat of chalk				Total	104	Sft	
lity on external surface of building in all respect new surface 2 coat 2 29.375 1.5 2 22.25 1.5 3 0den fillets. 1 5 1.5 4 5 1.5 4 6 1.5 7 6 1.5 7 6 1.5 7 6 1.5 7 7 7 8.00-600 1r LPH with blending UF Engineer Incharge	လ္တု	me Qty as per item No. 11	П				1177	Sft	
2 29.375 1.5 Total Total Oden fillets. Total	Sign	oviding and applying weather shield paint of approved qual luding preparation of surface, application of primer complete i me Oty as per item No. 12	y on	external sur spect new su	face of urface 2	building coat	1353	#5	
2 22.25 1.5 Total Total Total Total	등	ade	2	29.375	1.5		88	<u></u>	
1 5 1.5 1.5			2	22.25	1.5	Teto T	67	₩ 2	
ding 3/4" x 1/8" (20 mmx3 mm) M.S. ee coats, complete in all respects. 1 5 1.5 1.5 1.6 1.5 1.6 1.5 1.	ΙöΙ	azing with panes (24 oz. to 26 oz.), using putty and deodar wo	den f	illets.		1018	900	301	
ee coats, complete in all respects. ee coats, complete in all respects. 1 5 1.5 4.5 der in the ratio of 3:1 and two parts 3, including rubbing and polishing, 500-600 Itr LPH with blending UF Engineer Incharge		Niding and fiving M C flot 1/11/4 (0)! (40 mm c)			2:		ω	Sŧ	
1 5 1.5 7.4 7.4 7.5 7.4 7.5 7.		ovioling and lixing in S. iiat 2 × 1/8 (15mm x 5mm) grill incluct frame, in windows of approved design, including painting thre	ng % coat	x 1/8" (20 n s, complete	nmx3 m in all res	m) M.S. spects.	-		
3, including rubbing and polishing, 1 20.25 7 500-600 ltr LPH with blending UF Engineer Incharge			_	2	1.5			Sft	
1 20.25 7 500-600 tr LPH with blending UF 1 1 1 1 1 1 1 1 1	ጅቴቭ 1	isaic dado or skirting with one part of cement and marble pow marble chips, laid over ½"(13 mm) thick cement plaster 1:: mplete with finishing using grey cement ½"(13 mm) thick	er in 1 inclu	the ratio of 3 Iding rubbing	:1 and to g and p	wo parts olishing,			
Total	K	Resevse osmosis Drinking water filtration plant capacity embrane complete in all respect as approved and directed by F	1 30-60 30-60	20.25 0 Itr LPH were Incharge	7 ith blen	ding UF	142	Sft	
Ш			,		*		_	5	
						Total	1	g	
			-						

b Divisional Officer ilding Sub Division pindigheb

CONSTRUCTION OF ROOM FOR FILTERATION PLANT **ELECTRIC INSTALLATION**

F

L						
s S	Description	Qfy.	Unit	Rate	Amount	
~	Supply and erection of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials					
		50	P.Rft	946	4730	T-
7	Supply and erection of single core PVC insulated, PVC sheathed copper conductor, 250/440 volts grade cable (BSS-2004), in prelaid PVC pipes/M.S. conduit/G.I. pipe/wooden strip batten/wooden casing and capping/trenches, etc. (rate for cable only).					1
	3/0.029	300	P.Rft	25.7	7710	_
:=		20	P.Rf	21.7	1085	_
က	P/F PVC double layer Switch kit Face plate with specified switch				3	_
	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					
•	One way Gange Switch Small 03 Gange	2	Each	742.5	1485	_
:=	Large 06 Gange	8	Each	1162.5		_
4	Supply and erection of 3/8" (10 mm) dia M.S. bar fan hook, placed at the time of casting of slab.	_	Each	8.79	 	,
ည	Erection of ceiling fan along with regulator all size I/c carriage from			<u> </u>		_
	local railway station / store to site of work electric wire / cable for suspening rod and board connection & cutting threading on rod		Each	462.5	463	
	where necessary					
ဖ	S/E of ceiling fan 56" sweep complete in all respect	-	Each	7000	7000	_
_	Supply and erection of button holder	4	Each	104.15	417	_
∞	P/F pannel board made of 18 SWG M.S sheet 12"x18" size housing of automatic miniatuere circuit breaker Fuji/Terrasaki with performance of the property of the performance of the perform					
	(ii) 11-20 Amp (SP) 2 Nos, (iii) 6-63 Amp (SP) 2 Nos. i/c 3 coats	τ-	Each	43580	43580	
٠ :	painting, cable connection, cost of volt meter, ampere meter, indicator bulb complete in all respect as approved and directed by the Engineer Incharge.		. <u>-u</u> -			
ი	Supply and erection of LED Bulb 12 Watt Complete in all respect as approved and directed by the Engineer Incharge.	4	Each	440	1760	
				Total	71784	

Sub Desponal Officer Building Sub Division pindigheb

삵 P/F PANNEL BOARD MADE OF 18 SWG M.S SHEET 60x35x15 cm (24"x14"x6") SIZE HOUSING OF AUTOMATIC MINIATUERE CIRCUIT BREAKER FUJI/TERRASAKI WITH NEUTRAL LINK WITH THE FOLLOWING BREAKERS: (I) 6-10 AMP (S.P) 5 NO. (II) 11-20 AMP (SP) 2 NOS,(III) 6-63 AMP (SP) 2 NOS. I/C 3 COATS PAINTING, CABLE CONNECTION, COST OF VOLT METER, AMPERE METER, INDICATOR BULB COMPLETE IN ALL RESPECT AS APPROVED AND **DIRECTED BY THE ENGINEER INCHARGE**

Unit: Each

Ů,			1	PACT TACT			
•	Detail of Material			RAIE F.3	_	_	AMOUNT
#		Quantity	tity	Rate Per Unit (Rs.)	Unit (Rs.)	C	
_	M/S Sheet Box 12"x14" duly powder coated.	-	S S	6775.05	Each	Rs.	6775
7	6 - 63 amp T/P	2	. o N	8433	Each	Rs.	16866
4	11 - 20 amp S/P	2	Nos.	1298.65	Each	Rs.	2597
5	6 - 10 amp S/P	5	Nos.	1298.65	Each	Rs.	6493
7	LED Phase Indicator	3	Nos.	513	Each	Rs.	1539
∞	Volt meter (0-600 Volt)	_	Nos.	753	Each	Rs.	753
တ	Ampare meter (0-9999 Amp)	1	Nos.	666	Each	Rs.	993
7	11 Carriage Charges				L.S.	Rs.	300
				TOTAL		Rs.	36317
	Contractor's Profit 20%			:		Rs.	7263
		!		G. TOTAL	,	Rs.	43580
				SAY:		Rs.	43580
Pi Se	Certified that Rates for material and labour are as per input rates as displayed on the web site of Finance Dapartment for the MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT ATTOCK	12 (01.0	es as 7.202;	displayed 2 to 31.12	on the we 2022) DIS	sb sit	e of CT

Sub Distribual Officer
Building Sub Division
pindigheb

DETAIL OF WATER SUPPLY NETWORK FOR FILTRATION PLANT ABSTRACT OF COST

S. S	Description	No	7	B	Ŧ	Qty	Rate	Unit	Amount
-	Excavation in trenches in all kind of soil, except cutting rock, for water supply pipelines upto 5 ft (1.5m) depth from ground level, i/c trimming, dressing sides, leveling the beds of trenches to correct grade and cutting pits for joints etc complete in all respect.				÷		,		
		1	3200	2	2	12800			
2	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex /Popular/Beta or equivalent) with specified pressure rating PN (PRESSURE NOMINAL)and conforming to DIN 8077-8078 code i/c cost of solvent, specials, making jharries complete in all respect as approved and directed by Engineer Incharge.(Internal/External Diameters mentioned).PN-20 pipe(3/4")				Total	12800	7622.75	%0Cft	97571
CO	From Filteration room to distrubtion line 63 mm.	1200				1200			
					Total	1200	377.95	P.Rft	453540
۵	do 40 mm	1100				1100	,		
					Total	1100	161.3	P.Rft	177430
ပ	do 25 mm	1500				1500			
7	· · · · · · · · · · · · · · · · · · ·				Total	1500	66.5	P.Rft	99750
3	Point	1000			Total	1000	187	₽ 0 0	48400
က	Providing and fixing chromium plated bib cock: 2 cm (¾")	10				10	Nos.		
					Total	10	1015	Each	10150
4	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified diameter made of Faisal/Sonex / Master best quality or equivalent complete in all respect as approved and directed by the Engineer Incharge.	20				50	SON ,		
	1/2" dia				Total	20	066	Each	19800
ام	do 1" dia.	24			Total	24 24	Nos. 1674	Each	40176
ပ	do 3/4" dia.	52				52	Nos.		
		:			Total	52	1434		74568
							5	lotai	2801201

ANALYSIS OF RATE FOR S/E OF LED LIGHT (12 WATTS) OF APPROVED MANUFACTURER COMPLETE IN ALL RESPECT AS APPROVED & DIRECTED BY THE ENGINEER INCHARGE.

Unit: Each

.# Detail of Material	Quantity	UNIT	UNIT RATE P.Sft ity Rate Per Unit (Rs.)	t Jnit (Rs.)	AMC	AMOUNT
A) MATERIAL						
1 Cost of LED Light (12 Watt)	1.00	1.00 No.	300	Each	Rs.	300
		2	TOTAL (A)		Rs.	300
3) LABOUR						
i Electrician Charges (30 Nos Energy Saver One	0.05	Day	0.05 Day 1250	P.Day	Rs.	63
	Add	10%	Add 10% Sundries		Rs.	ဖ
		¥	TOTAL (B)		Rs.	69
		TOT/	TOTAL (A+B)		Rs.	369
Add 20% contractor profit.				1	Rs.	74
	٠	O	G.TOTAL		Rs.	442
				Say	Rs.	440

Certified that Rates for material and labour are as per input rates as displayed on the web site of Finance Dapartment for the MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT **ATTOCK**

Sub Divisional Officer
Building Sub Division
pindigheb

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Ref: MS/Q-003-4815-lsb

Date: 04-08-2022

QUOTATION

Attn: Mr.Zeeshan THQHOSPITAL Pindigheb

NTN NO. **GST NO**

07-02-8424-010-19 1762110-7 Reference to the Telephonic Conversation with you we are pleased to offer the the best rates of Fire Alar

S.No	Description 11-14	1	Illuit Date			_
ŀ		1	חווו בנוכב	3	otal Price	
	₹					
	Make : C. FGOT/CORRECT FIUS UN Capacity : 16-Zone	SoN.	250000.00	2	500000.00	
7	Ž					
	Type : Conventional Make : C.TechiContect Plus UK	a CN	ABOOD OO		00000	
	<u>æ</u>	2	49000.00	-	400000	
က						
	Smoke Defector	Nos	4200.00	650	2730000.00	
4						
	Sounder Flasher	SON.	5500.00	92	143000.00	
S.	Call Point Break Glass Type	Nos	3500.00	26	91000.00	
9	Installation Charges for the above					
	Installation & wiring of Fire Alarm System, wired with 1.5 mm PVC Insulated cables in 20mm (D/A)	Nos	3200.00	736	2355200.00	
	PVC Channel, complete with all Accessories including, Testing Training & commissioning					
7	TESTING & COMMISSIONING FIRE ALARM SYSTEM	g,	50000.00	-	20000.00	
			Totz	Total Amount	5917200.00	
				GST 17%	1005924.00	<u>. v</u>
			G	Grand Total	6923124.00	

TERMS AND CONDITIONS

: 10 - Days : 50% Advance Payment Validity

40% Equpiment Delivery 10% After Testing Commissioning

12-Months Warranty

124016

40

FOR MINHAS SAFETY CONCERNS

ABDUL MUNIM

General Manager Voice: +92 51 2104157 Fax: +92 51 2104235

Cell: +92 321 5555102

Email: isb@minhasfiresafe.com Web: www.minhasfiresafe.com

6

	THQ HOSPITAL PINDI GHEB Provision/Installation of Electrical Equipment.		
#;S	Description Qty Unit	Rate	Amount
4 -	L.T. (LV) SUB-STATION EQUIPMENT PIF floor mounted ATS (Auto Transfer Switch) panel board , fabricanted with 14S WG M.S sheet (Indoor Type) duly painted with 100 microns powder coated paint in approved colour , front access, extendable, insulation class of 600 volts IP-44, incoming & outgoing competions from bottom with facible coppore cable standable for 41S VAC, 2-phase 4 wire, 50 HZ TPN& E system having rated service, short circuit breaking capacity at 400VAC conforming to IEC-947.2 to accordable given no of circuit components, instruments & accessories, assembled & wired with Electrolitic Copper bus burs at 50 dag and cables duly decaned down to burs shining metal Propagate, must channel change Ore if the case of Clock, Indication lights, thindles, Copper Comb, Wirting, Notural & Earth Brock, Copper Broad and Control Comb, Wirting, Notural & Earth		
	Dark a sequence, several per particular and a separate man response as approved and directed by the prigner included (Reckers will be paid additionally) ATS (Incoming from 400 KVA Transformers) a) 12-36 F deep		
	(i) 400 KVA Thronting Breakers for ATS (fluxening from 400 KVA Transformers) Supplying, Justaliation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S. A / SCHNEIDER GERMANY / TERASAKI JAPAN/SIEMIEN/ABB SWITZERLAND (with fixed Thermal-	3491792.95	3491793
	Magnetic rip in probaid DBs and Panels if the cost of serews, necessary wire complete in all respect as approved and directed by the Engineer Inchange. (4) Tripple Pole 6004/456 KA) (For Transformer and One for 30 KVA Generation) 2 each	62434	124868.6
	US (Intending from Transformer & 30 KVA Generator) Memissioning Off MCD (Moddled Case Clench Baselso) of specified rating made of LEGRAND HABIDER CHERAMAY TERSAKUI APANSIEMEWABS SWITZERLAND (with fixed Thermal- NBs and Pands i/c the cost of serews, necessary wire complete in all respect as approved and directed by		
7	(a) Tringle Pole (0004/36 KA) PIF floor mounted Electric Panel board of required depth and size, fabricanted with 145WG M.S street (Indoor/Outdoor Type), detasting, The Incommounted Electric Panel board of required depth and size, fabricanted with 145WG M.S street (Indoor/Outdoor Type), detasting, The Phosphated, Initials with actions district the appropriated for the seas of the seas of the seas glands, Current Transformers of specified especiely, Door Earthing, Brass glands, but bars, comtroles complete in all respects as approved and directed by the Engineer Inchange (Breakers will be Paul Separately).	62434	62434
	Main DB (for ACs (OPD)) 1 forming from Panel 1 for cariable and panel		
	+	2420.4	oct. 15
	14.5 Incenting Breaker for Main DB (for ACs (QPD)) Moph/ving, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND BRANCE/ GE US A / SCHNEIDER GERMANY / TERASAKI JAPANABB SWITZERL(with adjustable Thermal-Magnetic Trip bit prelaid DBs and Panels the the cost of serows, necessary wire complete in all respect as approved and directed by the Engineer Incharge.	74334	134/28
	(a) Tripple Pole-400A(36 KA) Outgoing Breakers for Main DB (for AGs (OPD)) 1 Supplying, Jarallalion and ocumissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND 1 Supplying, Jarallalion and ocumissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S. A / SCHNEIDER GERMANY TERASAKI APAN/SIGNEN/ABB SWITZERLAND (with fixed Themal-	62,434	62434
	ýć.		
e.	(a) Tripple Dok. 200A(36 KA) PIF wall monuted De Ozellachus Board) made with 16SWG Sheet (Recessded/Surface mounted Type), Powder coated Paint, the the cost of Lock, indication lights, Thinble, Copper Comb, Wiring, Netward & Earth Bar, Door Earthing, Digital Volunetar, Digital Ammeter, Volt Seiceare Switch, Ammeter selector switch, Current Transformers and Controlies Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separatoly).	39814	159257
	Sub Main DB (for ACs) Incomine from Main DB (for ACs) (b) 117 deep		
	((i) 250A (3 xel x.12") 24 eff	4512.8	108307
		FLOOR	06792
	Ourgaing Breakers for Main DB for ACs Suppling Lincallation and comissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/GE U.S. A SCHNEIDER GERMANN VERMANTERANGE TO Specified rating made of LEGRAND FRANCE (GE if the rots of ceremes necessary using conductional contractions are received in all research of the contractions are received in all research or all the contractions are received in all research or all the contractions are received in all research or all the contractions are received in all research or all the contractions are received in all the contractions are received in all the contractions are received in a second or all the contractions are received	41000	6706.1
	(a) Tripple Pole 63A(10 KA) (672=12) (c) Single Pole 22A(10 KA) (872=16) (d) Single Pole 20A(10 KA) (872=16) 16 each	8433 1299.95	20799
r1			
	Main DB (for Lighting (OPD))		
	1 Supplying Breaker for Main DB (for Lighting (OPD)) 1 Supplying Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND 1 RANCE GE U.S. A / SCHNEIDER GERMANY / TERASAKI JAPANIABB SWITZERL(with adjustable Thermal-Magnetic 1 Trip) in prelaid DBs and Panels ife the tost of screws, necessary wire complete in all respect as approved and directed by the Entereer Incharce.	45 12.8	24123.6
	(a) Trippic Pole 400A(36 KA). Outgoing Breakers for Main DB (for Lighting (OPD)). 1 earth Outgoing Breakers for Main DB (for Lighting (OPD)). 1 Ruphying Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of spocified rating made of LEGRAND. 1 RAND(EW OF U.S. A) SCHWEIDER GERMANY / TERRARAK I JAPAN/RIENEN/A BR SWITTER A AND N. Cash from Trannal.	62,434	62434
	Magnetic Trap) in prefaid DBs and Panels for the cost of serews, necessary wire complete in all respect as approved and directed by the Emmer Inchmise Traple Pole 1504/36 KA)	Rade	PECOL
n	PrF wall mounted DB (Distribution Board) made with 165WtG Shoet (Recesseded/Surface mounted Type), Powder coated Paint, ise the cost of Lock. Indication lights, Thimble, Copper Comb, Wiring, Netural & Earth Bar, Door Earthing, Digital Volumete, Digital Ammeter, Voli Selecter Switch, Anmeter Selector switch, Current Transformers and Controles Complete in all respect as approved and selected by the Earth Earth Series (Complete in the Earth Ea	19094	11571
	Incoming from Main DB (for Lighting) (b) 12" deep		
	(ii) 1504 (25.%12.W) Incoming Breaker for Main DB (for Lathting) Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND RANNED 60 U.S. A SCHEDIDE (REMANY I') FIRSASKII JAPANSIENBENABE SKITZERLAND (wait fixed Thermal-Mannetic Trin in medial fibe and Panels is the sea of remains more commission in all the control of the	5146.4	92635
	the general relationship of the control of the cont	18094	36189
	Text to a regenting the AME (witning the Circuit Breeker) of specified rating made of LECRAND FRANCE/GE NY /SIEMEN GERMAN/TERASAKI JAPAN/ ABB SWITZERIAND in prelaid DBs and Panels wire complete in all respect as approved and directed by the Engineer incharge.	1]	Contract
	(d) Single Pole 20A(10 KA) (8*2=16) 20 each 20	1299.95	25999



								_		_		_	\neg		_		
Amount	7,6,67				2336712.5		551542.5	22.1240	04:01:00	2 550000 5	C188667	09100	95176	21500711	2497111		
Rate	1299.95	1			9 346.85		3,676.95		2,656.70		1,706.25		160.75				
Unit	cuch		Ī		9	ا ۽	ŧ		ŧ		モ	\downarrow	ŧ	<u> </u>			
ģ	20		ľ	_	1		150		8		150		200				
	Description	64 (20 10 10 10 10 10 10 10 10 10 10 10 10 10	(d) Diffice rate 1 and 1	B LT POWER CABLE Autor combine for service connection, in prelate pipe/G.I. wire/treaches, etc. (rate for	Supply and crection of non armoured copper continuous carries as	gable only.	negation precipity of the service connection, in Mr. deserved a correction, or precipity precipity of the service connection, in	2 95 mm sq (37/0.072") PVC insulated, r v Salvation	prelaid pipe/GI, wire/trembles, etc. note showshown a now 6,007,1000 volts, copper conductor cables for service connection, in	2 70 mm sq (61/0.099") PVC insulated, PVC successive and a sq (61/0.099") PVC insulated, PVC successive and a sq (61/0.099")	prelaid pipc/G.1. wire/remethes. cit. (for Main 19 for And 10 for Main of the for the connection, in	3 35 mm sq (19/0.064") PVC msulated, PVC streament cut; control	prelaid pipe/GL wire/trenches, etc (for Main Ba for Acts) 250/440 volts, copper conductor cables for service connection, in	4 771.12 mm (7/0.044") PVC insulated, PVC shearing twin core, 200	prefaid pipe/G.I. wirefrenches, ctc (for ACs)	TOTAL	
	ď	ı۳		ι –		1		l			_	L.	_	L	_	_	_

Market Sub Division

OVER HEAD RESERVOIR (10000 Gallon)

				-0000 Ca	allOll)					
8	Description	ν̈́	_	B	Ŧ	Qty		Unit	Rate	Amount
~	Excavation in foundation of buildings bridges and other structured I/c dag bellin, dressing, refilli affound structure with excavation earth watering, and ramming lend upto one chain and lift upto 5.	gs brid arth wa	ges and c tering, and	of buildings bridges and other structured I/c dag bellin, dressing, refilling avation earth watering, and ramming lend upto one chain and lift upto 5'.	red I/c dag	j bellin, dre ie chain and	ssing, d lift upl	refilling to 5'.		
		-	18.00	18.00	00.9	1944	IJ			
٠	Camont concrete rich including	- Incha		ting finishi	Total	1944	#5 5	%oCft	10677.75	20758
4	shing of stone ago	gregate)); ratio 1:4	ratio 1:4:8	and control of	and complete (moraning		Ginania		
		-	18.00	18.00	0.33 Total	107	₹ %	% Cft	27431.70	29352
ო	Reinforced cement concrete in slab of rafts / strip foundation, base slab of column and retaining walls; etc and other structural members other than those mentioned in (i) above not requiring form work (i.e. horizontal shuttering) complete in all respects Type C (Nominal mix 1:2:4)	ib of random obers of	offs / strip offs / strip offs / strip	foundation, those menti cts Tvpe C	base slab oned in (i) Nominal m	of column and retaining above not requiring form ix 1:2:4)	and re requirir	staining ng form		
	Footing		17.50	17.50	1 00	306	<u>ج</u>			
<u>L</u>	Footing Beam	4	15.50	1.50	1.00	93	₹ 5			,
	Brace Beam	4	15.50	1.00	1.25	78	Çŧ	,		
					Total	477	뚱	P.Cft	438.75	209284
4	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects Type C (nominal mix 1: 1.5.3)	roof slab, aid in positii । 5.२)	b, beams, sition, or pr	, columns l restressed r	lintels, girders members cast i	lers and or ast in situ, o	other structural, complete in all	uctural te in all		
π	(loto first brace 20' height (col)	4	1 25	1.25	16.00	100	#			
3			24	Total		100	<u>5</u>	P.Cft	594.15	59415
	braces	4	12.00	1.00	1.25	09	₹			
				Total		09	СĦ	P.Cft	594.15	35649
۵	2nd Brace to 3rd brace 20 to 30' height (col)	4	1.25	1.25	10.00	63	₽ C#	•		
		3		Total		63	Cff	P.Cft	632.25	39832
	braces	4	12.00	1.00	1.25	09	5 8	30	1000	10010
•	(100) tabled (00 0tal)	\	70,7	101a1		00	5 8	7.CII	027.70	2/323
اد	Opto so rieigin (col)	+	27:	Total	200	63	₫ 🕏	P.Cft	670.35	42232
	braces	4	12.00	1.00	1.25	90		`		
	,			Total		09	₽	P.Cft	670.35	40221
미	Upto 40' height (col)	4	1.25	1.25	10.00	63	₽			
	braces	4	12.00	1.00	1.25	8				
	Base Slab		16.75	16.75	0.66	185	5			
	Verticle Wall	2	13.50	0.67	9.75	176	5 5			
	Verticle Wall	2	14.83	0.67	9.75	194	₹ 5			
	dol	-	15.83	15.83	0.42	105	5 8	ņ		
\perp	Deall	_	/8.61	1.00 Total	0.73	2L 795	5 8	Д. Д.	708 45	563218
LC.	Fabrication of mild steel reinforcement	ment f	or cement	concrete	including c	uffing ben		vina in	C4.007	017000
<u> </u>	(etc.	and fasten	ings, includ	ing cost of	binding w	ire and	labour		
	5		ر (هاهر <u>اا</u> اد	iddes reliio	ימו טו ומאר ו	ioiii bais) i		ממ משו		
	Total Qty of Concrete		1678	8.00	0.4536	6809	Kg			
ď	 Providing/fixing stair railing consist	find of	M S Boy	To To	Total size 1-1/2"v?"	6089 Kgs % Kg	Kgs	% Kg	31418.20	1913054
5	M.S. flat 1"x1/8" continuously and welded over M.S. square bars 5	welded	over M.S.	square bar	s 5/8"x5/8"		M.S. f	lat 2 %		
	high @ 51/2" c/c fixed in steps of sta	10 p	ainting 3 c	coats comple	ste.	000	4			
	774	0	20.00		Total	128	#	P.Rft	1062.45	135994
^	ixing terrace	of 2"	(50 mm)	DUOS T	oipe 16 SV	/G, welded		with 5/8"x5/8"		
	(ToXT6 mm) square bar ∠.7ο π. (638 cement concrete slab with suitable	ss mm se arr	o π. (838 mm) nign πxed suitable arrangement. (at 5	(125 mm) centre to ete in all respects	centre to centre, respects, as per		in reinforced design and		
	ection	1 1	16.75			၂ၑ	1-			
	on top	4	13.75					, "		
					Total	122	Rff	P.Rff	1588.20	193760
∞	Mosaic dado or skirting with one part of cement and marble powder in the ratio of of marble chips, laid over $\mathcal{L}''(13 \text{ mm})$ thick cement plaster 1:3, including rubbi complete with finishing using grey cement $\mathcal{L}''(13 \text{ mm})$ thick.	antofo mm) til Sement	ement and vick ceme 1%" (13 m	nt and marble powder in the ratio of 3:1 cement plaster 1:3, including rubbing (13 mm) thick.	wder in the :3, includir	ratio of 3:1 ng rubbing a		and two parts and polishing,		
\perp		-	13.50	13.50		182	₩.			

Over Flow	1 70.00			20	Rft			i :
			Total	260.16	Rft	P.Rft	1564.95	407137
10 P/F Water level indication guage stop of verticle wall i/c writing etc.	showing the water level in the bowl with string and pully fixed on t complete in all respect.	r level in the pect.	bowl with	string and	pully fix	ed on t		
				_	No.			
			Total	-	No.	Each	30000.00	30000
11 P/F 24" dia C.I Man hole cover on top of servitor with ring complete in all respect.	top of servitor wit	h ring comple	ete in all re	spect.	14			
			ŀ	7	Nos.		-	
			<u>O</u>	2	Nos.	Each	2051.15	4102
12 Providing and fixing sluice valve of B.S.S Asbestos cement pipe line (including cost		. quality and weight, Class of jointing material) 4" dia.	Class `B', for F' dia.	r cast iron pipe line, and	pipe lir	ne, and		
				2	Nos			
			Total	7	Nos.	Each	18331.50	36663
13 Providing and applying weather shield paint of approved quality on external surface of building i/c	hield paint of app	proved quality	y on extern	nal surface	of buil	ding i/c		
preparation of surface application of primer complete in all respect	ot primer complet	e in all respe	ct 2 coats.					
	1	10.00		593	Sft			
	\dashv	40.00		800	Sft			
braces	ᆏ	4.00		268	Sŧ			
bottomg of base slab	1 14.50	14.50		210	₹ 8			
5	┿	00.01		200	100	70 /00	20 11	0017
Doors bring work 1	- Hinth for all the		lotal	2951	211	7%2 ロシ%7	5245.30	154789
14 Facca prick Work 1.6 iff foundation			100	ć	į			
	4 15.50	1.30	0.70	27	֓֞֞֟֓֓֓֓֓֓֟֓֓֓֓֓֓֓֓֓֓֟֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓			
	4 15.50	1.13	0.25	-	5 5			
	+	0.73	3.00 Total	040	3 5	#J /0	20427.00	54047
15 Filling watering ramming earth under floor lead upto	ler floor lead upto	3 mile.	lotai	801	5	5	00.75100	14740
-	1 14.00	14.00	2.00	392	£			
			Total	392	Cft	%oCft	18484.85	7246
16 Supplying and filling sand under fit	g sand under floor or pluging in well							:
	1 14.00	14.00	0.33	65	Ċ₩			
			Total	I 65 Cft %Cft	步	%Cft	2583.30	1679
17 Providing, laying, watering and rai	ramming brick ballast	st 1½" to 2"(40 mm to 8	60 mm) ga	uge mix	ed with		
20 / Saile, 101 11001 10ui luationi, complete	<u> </u>	44.00	000	ü	4			
	14.00	14.00	U.33	60	5 5	#J /6	0464.40	6460
18 Providing and laying topping of cement concrete 1.2.4 including surface finishing and dividing in panels: 2" thick	ment concrete 1.5	7.4 including	Surface fin	ishing and	dividing	Jin nan	3404.40	7010
	1 15.50	15.50	3011800	240		, in ,	919. 4 UHCK	
	╁	╀	Total		<u>S</u>	%Sft	8827.60	21186
19 Providing and fixing marble strip of any shade for dividing the mosaic flooring into panels 1-1/2"x3/8"	f any shade for di	viding the mo	saic floorir	ig into pan	els 1-1/	2"x3/8"		
	1 240.00	0.60		144	Rft			
			Total	240	Rft	P.Rft	19.80	4752
20 Fabrication of heavy steel work, with	with angle, tees,	angle, tees, flat iron round iron and	und iron a	nd sheet iron for	on for	making		
trusses, girders, tanks, etc., including cutting, excluding erection in position.	Jing cutting, drillir	drilling, revitting, handling, assembling and fixing, but	handling, a	ssembling	and fix	ing, but		
	2 56.00	2.33	0.4536	118	2			
	60 1.50	2.33	0.4536	95	흅	1		
	-		Total	213	Ϋ́	%Ka	32501.1	69227
21 Preparing surface and painting guard bars, braces, etc.) and in similar open work three		gates of iron bars, gratings, railing (including standards,	ıratings, ra	ling (inclu	ling sta	ndards,		
		1.75		504	S			
	╁	<u> </u>		196	S.			
	╁		Total	1	Sff	%Sft	1805.25	12637
22 Providing and fixing bell mouth placed		at time of costing of bottem	S					
			li	4	Nos	_		
			Total	4	Nos.	Each	2300	21200
							Total	4300282
The state of the s								



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ANALYSIS OF RATE FOR WATER LEVEL INDICATION GAUGE **METER ROD OR PLUM BOB COMPLETE WITH ERECTION**

COMPLETE IN ALL RESPECT.

1 Water Level Indication Gauge			UIII = Each
	N C	18200 Each	18200
2 Fixing at Site	-		00701
•	1 Job	2400 P. Job	2400
3 Coolies)) i
	0.5 Day	962 P. Dav	481
4 Foolding 40' Height.			2
	1 Job	4000 P. Job	4000
		Total: -	25081
	Add 20%	Add 20% Contractor Profit: -	5016
		Total: -	30097
		Say: -	30000

xecutive Engineer

→Buildings Sub Division

ANALYSIS OF RATE FOR PROVIDING AND FIXING BELL MOUTI PLACED AT COSTING OF BOTTOM SLAB COMPLETE WITH **ERECTION COMPLETE IN ALL RESPECT.**

Unit = Each	3200	200	200	4400	880	5280	5300
	3200 Each	700 P. Job	500 P. Job	Total: -	Add 20% Contractor Profit: -	Total: -	Say: -
	N O	. dob 1	1 Job		Add 20		
1 Cost Iron Bell Mouth / Wash Mouth 4" dia.	2 Carriage Charges (from Rawalpindi to Site of Work)	3 Fixing / Fastening Charges (In Roof Slab)					

Executive Engineer
Buildings Division
Affock

Buildings Sub Division

CONSTRUCTION OF GATE AND GATE PILLARS	
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s. S	Description	8	L (Ħ).	B (ft)	H (#)	Q.		Amount
~	Excavation in foundation of building, bridges and other structures, refilling around structure with excavated earth, watering and ramming lift upto 5 ft. (1.5 m) By Manual in ordinary soil.	er str	other structures, ing and ramming	s, including g lead upto		dagbelling, dressing, one chain (30 m) and	dressing, 30 m) and	
		က	4	4	4	192	ĊĦ.	
			@Rs	10677 75	# <u></u>	192	뚱	2050
2	Cement concrete brick or stone ballast 11/2 " to 2" (40 mm Ratio 1: 6: 12		to50 mm)		gauge, in foundation and	tion and	plinth	
		3	4	4	0.5	24	5	į
						_ 24	∐	
,	-		@Rs.	21178.45				5083
_د ی	Reinforced cement concrete except steel reinforcement (a etc Ratio (1:2:4) without cost of shuttering.	(a) rafts	ts/str	/ strip foundation, base		slab of co	column	
		3	က	3	0.75	20	Cff	
		3	2.25	2.25	13.75	209	CH:	
			@Rs.	438 75	₽ <u>Ċ</u> #	677	5	100474
4	Fabrication of mild steel reinforcement for cement co position, making joints and fastenings, including cost of the	oncret bindin	e, incl	concrete, including cutting, bending, laying of binding wire and labour charges for binding	ing, bend	ling, laying for binding	ng in	
	t fron	ars) D	eforme	d bars (Gr	ade-40)			
	180 x 6.75 x 0.454	-	229	6.75	0.4536	701	κg	
ı	-		@Rs.	31418.20				220242
2	Pucca brick work other than buildings upto 10' height, in c	emer -	cement sand	⊏ [6	į	
	0.00	ه ام	2 2	0.375	13.75	93	<u>.</u>	:
			2.23	0.575	13.73	163	5 5	
			@Rs.	32898.70	%Cft.		5	53625
9	Cement plaster (1:4) upto 20' height 1/2" thick.							
	2x6	2	3		7	396	Sft.	
			1		1	396	Sft	
1		Ť	@Rs.	3232.95	%Sft.			12802
7	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect new surface two coats.	quality all res	/ on ex pect ne	ternal surfa sw surface	ace of bui two coats	liding inclu s.	nding	
	2x6	12	3		11	396	Sft.	
						968 -	Sft.	
		Ĭ	@Rs.	5245.3	%Sft.			20771
∞	Making and fixing steel grated door with 1/16" thick (1.5mm) sheetin 2"x2"x3/8" (50x50x10mm) and %" (20 mm) square bars 4" (100 mm) arrangement.	(1.5m s 4" (m) she (100 п		ig, including angle iron frame centre to centre, with locking	gle iron f e, with lo	frame	
		~	16		10	160	Sft.	ļ.
		-	4		10	40	Sft	
			•			200	Sft.	
6	Painting to door and windows any type on new surface 3 g		@Rs.	2373.2	P.Sft.			474640
		7	16		10	320	Sft	
		7	4		10	8	St	
						400	Sft.	
		Ĭ	@Rs.	2714.80	%Sft.			10859
					Add 3%	Total	Total	900546 27016
						ပ	G.Total	927562
							Say,	927600

Executive Engineer Buildings Division, Attock

Sub Division Officer Building Sub Division pindigheb

TEHSIL HEADQUARTERS HOSPITALS ONE AT PINDI GHEB DISTRICT ROUGH COST ESTIMATE FOR REVAMPING OF ATTOCK (EXTERNAL SEWERAGE SYSTEM)

Sr No	Description	Amount
	Construction of septic tank 3x244500	733500
	external sewerage	5024900
	G.Total :	6598100 /

Sub Designal Officer Building Sub Division pindigheb

EXTERNAL SEWERAGE

drawing including shuttering of wooden vertical planks, struts and beams, dressing to correct section and dimension according to templates and levels and removing Earth work excavation in open cutting for sewers and manholes as shown in surface water in all types of soil except shingle, gravel and rock.

Sewerline 1.5' dia

28800 Cft 1x1800x4x4

28800 Cft Total: 338124 /-

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% Cft @ Rs 11740.40 Providing, laying, watering and ramming brick ballast 11/2" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.

2

3600 Cft 1x1800x4x.5

3600 Cft Total:-% Cff

340718 /-

Ŗŝ.

Providing and laying R.C.C. pipe sewers, moulded with

cement concrete 1:11/2:3 conforming to ASTM Specification C-76-20, Class II. Wall B, including carriage

@ 9464.40

cutting pipes where necessary, testing, etc., complete.460 mm of pipe from factory to site of work, lowering in trenches to correct alignment and grade, jointing with rubber ring,

3

600 Rft 600 Rft Total:-

P.Rft

@ 1181.80

Ŗŝ.

-/ 080602

300 Rft

300 Rft Total:-

P.Rft

@ 960.50

pipes where necessary, testing, etc., complete310 mm of pipe from factory to site of work, lowering in trenches to Specification C-76-20, Class II. Wall B, including carriage Providing and laying R.C.C. pipe sewers, moulded with correct alignment and grade, jointing with rubber ring, cement concrete 1:11/2:3 conforming to ASTM

900 Rft

900 Rft Total:-

P.Rft

@ 695.60

pipe, in trenches, complete in all respects:- 6" i/d (100 mm) Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with `B' Class working pressure

S

Total:-P.Rft @ 871.55

pipe, in trenches, complete in all respects:-4" i/d (100 mm) Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with `B' Class working pressure

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Page 162

1×1000

380 mm (15") i/d

1000 Rft

626040 /-

288150 /-

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700 Rft

700 Rft

1x700

610085

80	06			-/ 00	.45 /- 112	/9/	5864600 /- leer on
62508	182390			2096000 /-	5693745 /- 170812	5864557	5864(
ss B 4"dia 115 nos	115 Each		40 Nos	40 Nos Rs	S. C	- Ks	Executive Engineer Building Division Attock
@ 543.55 Each Providing and installing P.V.C. tees, of B.S.S with class B 4"dia	total 115 @ 1586.00 Each	Provision man Hole size 2.5×2.5 (Detailed Attached)		T otal : 40 .@ Rs 52400.00 Each	Total: Add 3% contingency	Total:	Say:- Sub Division Buildings Sub Division pindigheb
œ		တ					

Analysis of Man hole size (3.5'

dressing to correct section and dimension according to templates and levels and Earth work excavation in open cutting for sewers and manholes as shown in removing surface water in all types of soil except shingle, gravel and rock. drawing including shuttering of wooden vertical planks, struts and beams,

	1291 /-				2965 /-					17796 /-			
	Rs				&			•		Rs			
110 Cft	š		14 Cft	S t		•	33 Cft	24 Cft	Cft			Sft	Sft
5 5	2	nm to	14	14			33	24	22		height	90	16
1x5.5x5x4 110 Cft	.@ Rs. 11740.40 % oCft	2 Cement concrete brick or stone ballast 1%" to 2" (40 mm to 50 mm) gauge, in foundation and plinthRatio 1: 6:12	1x5.5x5x0.5	Total 14	.@ Rs. 21178.45 % Cft	3 Pacca brick work 1:6 in C/S mtr other than building	2x5.5x0.75x4	2x4x0.75x4	Total 57 Cft	.@ Rs. 31221.85 % Cft	4 1/2" thick cement sand plaster on walls (1.4) up to 20' height.	1x2(4+3.5)4	1x2(5.5+5)x0.75

complete (including screening and washing of stone aggregate):Ratio 1: 2: 4 Cement concrete plain including placing, compacting, finishing and curing .@ Rs. 3232.95 S

2457 /-

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똢

Total

å prestressed members cast 3) This item shall not be applicable in situ, complete Reinforced cement concrete in roof slab, beams, extra. columns lintels, girders and other structural members laid in situ or precast laid in position, or Total % C# @ Rs. 36753.30 1x4x3.5x0.25 in all respects Type

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1470 /-

ß 5 뚱 ば 7 % Cft Total .@ Rs. 537.50 22x(1.87)2x5/2 1x5.5x5x0.5 р<u>/</u>О

-/ 8869

Fabrcation of mild steel reinforcement for cement concrete I/c cutting ,bending, binding, laying and position deformed bars

12567 /-S ゑ ₹ B 4 % Kg Total .@ Rs. 31418.20 13x6.75 x 0.454

Providing and fixing, 6" (150 mm) thick R.C.C. manhole cover for 22" as per standard drawing STD/PD No. 6 of 1977, complete in all respects. ω

Rs **Rs** Rs Executive Enginee **Building Division** ŝ onal Offic Total:-Total Each @ Rs. 6847.00

Building Sub Division

52381 /-52400 /-

6847 /-

DETAILED OF SEPTIC TANK (15x7-1/2)

			10191			8683				30100			53725				13231						90471					15879				15088	237369	7121		244500
gui	ر ا 5 5	당			Cft		ers	atio	Cff		and	Αg		ing		涉			Ç	Ę,	5	₽			Sft	Sft	Sft		all L		1 No.		Total: -	ج	Total: -	Say: -
including	and lev .0 ft. ((898			41		l memb	pects r	56		aying a	171		(including		36			158	63	54	275			168	252	420		ne nplete ii		1		10	tingenc	2	S
awings	friedes				,		tructura	n all res			inding,			complete						†		Total:-		ĸ			Total:-		/d (fran 77, con					Add 3% contingency		
as shown in drawings	ig to terr ock:- (i) (7			0.333		other st	mplete ii	0.5		, bending, binding, laying	0.4536		curing cor	Ì	0.5		(1:4).	7	7	9			nm) thic	7	7			e of 22" 6, of 19 [.]					Add		
as shov	accoluli el and ro	8	6 oCft	(;		% Cft	ders and	situ, co	7.5	P.Cft	tting ,be	6.75	% Kg	and cu		ဖ	%Cft	Ø	0.75	0.75	0.75		%Cft	1/2" (13	4	9		%Sft	S.I. frame PD No.			Each			-	
and manholes	dingle, grave	15.5	11740.40 % oCft	P ratio(1:6:12	15.5	21178.45 % Cft	ns lintels, gird	nbers cast in	15	537.50	ncrete I/c cu	56	31418.20	g, finishing	•		36753.3		15	9	9		32898.7	00 m) height	2	2		3780.7	tee shaped (rawing STD/		-	15088.1				
sewers and	ection and oil except s	~	.@ Rs.	to 2" in F/I	1	.@ Rs.	ms, colum	essed mer	-	.@ Rs.	sement co	_	.@ Rs.	compacting,	atio 1:2:4	က	@ Rs.	10ft height in cement,	2	2	2		@ Rs.	upto 20' (6.	3	3		@ Rs.	cover with standard D			@ Rs.				
cutting for s	ig to collect all types of so			ballast 1 1/2"			oof slab, bea	tion, or prestr			cement for c 10)			ing placing,	aggregate): r			ding up to 10					7	nt and sand) i					C. manhole und as per S							
	structuring and unibering, dressing to correct section and dimensions according to templates and revers, and removing surface water, in all types of soil except shingle, gravel and rock:- (i) 0 ft. to 7.0 ft. (0 to 2.10 m) depth			Cement concrete brick or stone ballast 1 1/2" to 2" in F/P ratio(1.6.12)			Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members	laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects ratio 1:2:4.	Top Slab		Fabrication of mild steel reinforcement for cement concrete I/c cutting position deformed bars (Grade-40)				screening and washing of stone aggregate): ratio 1:2:4			Pacca brick work other than building up to						Cement Neru plaster 1:2 (cement and sand) upto 20' (6.00 m) height ½" (13 mm) thick					Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in	respect.						
F 6	ש מט כע			7			3				4			9	<u>,,</u>			9) /					80							

Executive Engineer Buildings Division

Attock

Building Sub Division pindigheb

88 ANALYSIS FOR CONSTRUCTION OF RECEPTION COUNTER BRICK MASONRY STRUCTURE 3.5' HEIGHT FROM GROUND LEVEL CONSISTING OF MARBLE GRENITE AND KITCHEN CABNIT 22" DEEP WITH BACK COMPLETE IN ALL RESPECT.

.375 Sft		8403		6	2392						98164				22310		7040		2150		3770	144229 144229 6170.225 6170
5'x2.75' = 23	22 Cft 4 Cft 26 Cft		60 Sft	74 Sft	approved espect as		3 St			9 Sft 75 Sf t		ng termite omplete in		19 Sft	eel nails i/c	11 Sft 11 Sf t	I members spects 1: 2:	4 Cft	lay	12 Kg 12 Kg)	Total: - Total: - Rate P.Sft: - Say: - gineer
Analysis for 8,5′x2.75′ = 23.375 Sft	0.75 3.5 0.375 2.5 Total: -	%Cft	3.5	Z.5 Total: -	Sft shade of full width of r bed , complete in all r	1.75	- "	 	3.5	1 Total: -		ep in 'Kitchen includin's hinges, screws etc., α	2.5	Total: -	. Sft fixed with stainless ste ineer.	. Total: -	@ Rs. 640 P. Sft columns lintels, girders and other structural members ed members cast in situ, complete in all respects 1: 2:	2 0.25 Total: -	o. Cft ding cutting, bending, and labour charges for bars Grade-40.	0.454 Total: -		Executive Engineer Building Division Attock
		320.85	8.5	7.75	@ Rs. 3232.95 %Sft sified thickness and sha) cement sand mortor b /4" thick	1 8.5	€ 1	1 1 275	- 1 8.5	4 8.5	@ Rs. 1308.85 P. Sft	with drawers 3"de cified, with handle	1 7.75		@ Rs. 1174.2 P. Sft 16" with double tape fixed y the Executive Engineer	3 3.5	@ Rs. 640 F columns lintels, gird ed members cast in	1 8.5	@ Rs. 537.5 P. Cft ent concrete, including ost of binding wire and I rom bars) deformed bars	4 6.75	@ Rs. 31418.2 %kg	al Officer Division
	1 Pacca brick work in ground floor with cement, sand mortar Ratio 1:6 1 8.5 2 2	@ Rs. 32 2 Cement plaster 1:4 upto 20' (6.00 m) height ½" (13 mm) thick			@ Rs. 3232.95 %Sft 3 Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed , complete in all respect as approved and directed by the Engineer Incharge.3/4" thick							4 Providing and fixing Vin board cabinet 3/4" thick with drawers 3"deep in 'Kitchen including termite proofing and polishing with synthetic enamel as specified, with handles hinges, screws etc., complete in all respects. 2' deep, with back			@ Rs. 1174.2 P. Sft 5 P/F Stainless steel corner beading angle 2"x2"x1/16" with double tape fixed with stainless steel nails i/c cutting fixing complete in all respect as approved by the Executive Engineer.		© Rs. 640 P. Sft 6 Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects 1: 2: 4 ratio		© Rs. 537.5 P. Cft 7 Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, position, making joints and fastenings, including cost of binding wire and labour charges for steel reinforcement (also includes removal of rust from bars) deformed bars Grade-40.		4	Sub Bivision Sub Division Building Sub Division pindigheb

STRUCTURE 3.5' HEIGHT FROM GROUND LEVEL CONSISTING OF MARBLE GRENITE AND KITCHEN CABNIT 22" DEEP WITH BACK COMPINED TO THE WASHING OF MARBLE GRENITE

ecutive Enginee Building Division

ANALYSIS OF RATE

& L) hanged with 10 No wire with RCC roof Scaffolding, carriage charges complete in with fixed imported all respect & as approved by the Engineer Incharge. 2.x2 sheet (DAMPA) cost of Hook & ceilling **Aluminum frame** False slab i/c P/F

MATERIAL Qty Unit Rate DAMPA False ceilling 2'x2' i/c wire 100 7 100	_		1st July 2021 to 31st Dec 2021	2021		Unit R	Unit Rate P.Sft
MATERIAL DAMPA False ceilling 2'x2' i/c wire 100	ø	Sr. No	Detail	Qty	Unit	Rate	Amount
DAMPA False ceiling 2'x2' i/c wire	•	٧					
Add: 5% Wastage 5		-		100		•	
Total 105 P. Sft 280			Add: 5% Wastage				
Aluminum Tee 1"x1/16" 2x6x10 120 Add: 5% Wastage 6 Cost of Rawal plug (1 No) for 1 Sft 8 P. Dozen 30 Cost of Screw 1 1/4" size 8 P. Dozen 50 1/8" dia Rod 5' long 1 for 2Sft 50x5 = 252 225x 0.41x0.454 = 4.25 LABOUR Labour for fixing of frame i/c hanging wire upto 20' high Carriage of Material from factory to site 7 Total A + B Add: 20% Contractor Profit & O.H Charges Rate P. Sft 7 100 Rate P. Sft 100 Rate P. Sft 100 Say Rs. P. Sft			Total			280	29400
Add: 5% Wastage 6		7	Aluminum Tee 1"x1/16"				
Total 126			2x6x10				
Total 126 Each 25 Cost of Rawal plug (1 No) for 1 Sft 8 P. Dozen 30 Cost of Screw 1 1/4" size 8 P. Dozen 50 1/8" dia Rod 5" long 1 for 2Sft 4.25 P. Kgs 42 50x5 = 252 225x 0.41x0.454 = 4.25 P. Kgs 42 LABOUR Total "A" 100 P. Sft 20 Labour for fixing of frame i/c hanging wire upto 20" high 100 P. Sft 20 Carriage of Material from factory to site 100 P. Sft 20 Add: 10% Sundries. Total A + B Total A + B Add: 20% Contractor Profit & O.H Charges Total B + B Rate P. Sft 43079.00 100 Rate P. Sft 20 20 Rate P. Sft 43079.00 100			Add: 5% Wastage			į	
Cost of Rawal plug (1 No) for 1 Sft Second Cost of Rawal plug (1 No) for 1 Sft 8 P. Dozen 30 Lost of Screw 1 1/4" size 8 P. Dozen 50 1/8" dia Rod 5' long 1 for 2Sft 4.25 P. Kgs 42 50x5 = 252 P. Kgs 42 42 225x 0.41x0.454 = 4.25 P. Kgs 42 42 LABOUR Total "A" 100 P. Sft 20 Labour for fixing of frame i/c hanging wire upto 20' high 100 P. Sft 20 Carriage of Material from factory to site 100 P. Sft 20 Add: 10% Sundries. Total A + B Total A + B Add: 20% Contractor Profit & O.H Charges Total A + B Rate P. Sft 43079:00 100 Rate P. Sft Say Rs. P. Sft					Each	25	3150
Cost of Screw 11/4" size 8 P. Dozen 50 1/8" dia Rod 5' long 1 for 2Sft 60x5 = 252 4.25 P. Kgs 42 225x 0.41x0 454 = 4.25 4.25 P. Kgs 42 LABOUR Total "A" 100 P. Sft 20 Labour for fixing of frame i/c hanging wire upto 20' high 100 P. Sft 20 Carriage of Material from factory to site 1. S Total A + B Add: 10% Sundries. Total A + B Total A + B Add: 20% Contractor Profit & O.H Charges Total A + B Rate P. Sft 43079.00 \ Total Rate P. Sft 3ay Rs. P. Sft		က	Cost of Rawal plug (1 No) for 1 Sft	ω	P.Dozen	30	240
1/8" dia Rod 5' long 1 for 2Sft 4.25 4.25 42 50x5 = 252 225x 0.41x0.454 = 4.25 4.25 P. Kgs 42 LABOUR Total "A" 100 P. Sft 20 Labour for fixing of frame i/c hanging wire upto 20' high 100 P. Sft 20 Carriage of Material from factory to site 1. S 1. S Add: 10% Sundries. Total "B" 1. S Add: 20% Contractor Profit & O.H Charges Total A + B 100 Rate P. Sft 43079.00 \ Total 100 Rate P. Sft Say Rs. P. Sft		4	Cost of Screw 1 1/4" size	8	P.Dozen	20	400
50x5 = 252 4.25 P.Kgs 42 225x 0.41x0.454 = 4.25 Total "A" 100 P.Kgs 42 Labour for fixing of frame i/c hanging wire upto 20' high 100 P.Sft 20 Carriage of Material from factory to site L.S L.S Add: 10% Sundries. Total "B" Total "B" Add: 20% Contractor Profit & O.H Charges Total A + B Total A + B Rate P.Sft A3079:00 \ Total Total A + B Rate P.Sft A3079:00 \ Total A + B AB		2	1/8" dia Rod 5' long 1 for 2Sft		i		
LABOUR 4.25 P. Kgs 42 Labour for fixing of frame i/c hanging wire upto 20° high 100 P. Sft 20 Carriage of Material from factory to site 100 P. Sft 20 Add: 10% Sundries. Total "B" 100 P. Sft 20 Add: 20% Contractor Profit & O.H Charges Total A + B 100 P. Sft 100 Rate P. Sft Add: 20% Say Rs. P. Sft Asay Rs. P. Sft Accountractor Profit & O.H Charges Accountractor Profit & O.H Char			50x5 = 252	i			
LABOUR Total "A" Labour for fixing of frame i/c hanging wire upto 20' high 100 P.Sft 20 Carriage of Material from factory to site I.S I.S Add: 10% Sundries. Total "B" I.S Add: 20% Contractor Profit & O.H Charges Total A + B Rate P.Sft 43079.00 \ I00 Rate P.Sft Say Rs. P.Sft			$225 \times 0.41 \times 0.454 = 4.25$	4.25	P.Kgs	42	179
LABOUR 100 P.Sft 20 Labour for fixing of frame i/c hanging wire upto 20' high 100 P.Sft 20 Carriage of Material from factory to site L.S I.S Add: 10% Sundries. Total "B" Intal "B" Add: 20% Contractor Profit & O.H Charges Total A + B Intal A + B Rate P.Sft Add: 20% Contractor Profit & O.H Charges Intel A + B Intel A + B					Total		33369
Labour for fixing of frame i/c hanging wire upto 20' high 100 P.Sft 20 Carriage of Material from factory to site L.S Total Add: 10% Sundries. Total "B" Total "B" Add: 20% Contractor Profit & O.H Charges Total A + B Rate P.Sft 100 Rate P.Sft A3079:00 Nay Rs. P.Sft		<u>.</u>	LABOUR				
upto 20' high 100 P.Sft 20 Carriage of Material from factory to site L.S Add: 10% Sundries. Total "B" Add: 20% Contractor Profit & O.H Charges Total A + B Rate P.Sft 100 Rate P.Sft 43079.00 100 Rate P.Sft Say Rs. P.Sft		_	or fixing of frame		i.	,	
Carriage of Material from factory to site L.S Add: 10% Sundries. Total "B" Add: 20% Contractor Profit & O.H Charges Total A + B Rate P.Sft 100 Rate P.Sft A3079.00 Nate P.Sft 100			hgir	100	P.Sft	50	2000
Sundries. Total "B"		7				ST	300
Contractor Profit & O.H Charges Total A + B		_				Total	2300
Total "B" Total "B"			ا ہ				230
Total A + B Total A + B					Total	"B"	2530
Contractor Profit & O.H Charges Total	L			•	Total,	A + B	35899
Total			Contractor Profit &				7180
ft 43079.00 \ 100 100 100	!				LOL	tal	43079
	1		Rate P.Sft	43079.00	1	100	430.79
					Say	Rs. P.Sft	431

Provided of the Provided Of the Provided Of the Provided Of the Provided Of the Provided Of the Provided Of the Provided Of the Provided Of the Provided Of the Provided Of the Provided Of the Provided Of the Provided Of th

WITH FIXATION ON FLOOR I/C CARRIAGE OF MATERIAL FROM MARKET TO SITE OF WORK COMPLETE IN ALL RESPECT AS APPROVED/ DIRECTED BY THE ENGINEER INCHARGE ANTIBACTERIAL VINYL FLOORING ANALYSIS RATE FOR P/F OF ANTISTATIC

Area: 10x10= 100 Sft Unit: P.Sft

		!	UNIT R	UNIT RATE P.Sft	<u></u>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	TIMILIONA
#. #.	Detail of Material	Öű	Quantity	Rate Per Unit	er Unit		1 00
_	1 P/F Antistatic vinyl flooring with copper mesh	-	°N				
_	jointless welding in the same colour 2mm thick i/c						
	labour						
\perp	Total:	1	8	430.00	Each	Rs. 430	430
$oldsymbol{oldsymbol{lambda}}$			<u> </u>	TOTAL		Rs.	Rs. 430
		Add 20	% Contra	Add 20% Contractor Profit	: -	Rs. 86	98
$oldsymbol{ol}}}}}}}}}}}}}}$				TOTAL		Rs.	Rs. 516
1	or it is a displayed on the web site of	to the co	ae ae dien	tayed on the	s daw an	to of	

Certified that Rates for material and labour are as per input rates as displayed on the web site of Finance Dapartment for the MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT ATTOCK

Sub Division Buildings Sub Division pindigheb

thick gypsum board will be fixed on wall to apply 2mm thick antimacrobial wall oven 14 to S/E of PVC Antibacterial wall cladding (bio code uk) back stature GI from 18 Gauge 12mm 16mm thickness joint will be heat welded in same colour (as specified in quotation) as approved and directed by Engineer Incharge.

Area: 10x10= 100 Sft Unit: P.Sft

L				į	-	L	
4			UNITR	UNIT RATE P.Sft		- Y	FINIOMY
<u> </u>	Detail Of Material	gng	Quantity	Rate Per Unit	r Unit	₹	
	Cost of PVC Antibacterial wall cladding (bio code uk) back stature Gl from 18 Gauge 12mm thick gypsum board will be fixed on wall to apply 2mm thick antimacrobial wall oven 14 to 16mm thickness joint will be heat welded in same colour (as specified in quotation) as approved and directed by Engineer Incharge.		<u>8</u>				
<u>L.</u>	Total:	1	%	1490.00	Each	Rs.	1490
				TOTAL	1	Rs.	1490
		Add 20	% Contra	Add 20% Contractor Profit		Rs.	298
				TOTAL		Rs.	Rs. 1788
L		T T		11 1 1 11.	-	<u>ا</u>	

Certified that Rates for material and labour are as per input rates as displayed on the web site of Finance Dapartment for the MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT **ATTOCK**

Executive Engineer Building Division

Attock

pindigheb

kit imported Engineer RATE FOR P/F OF UPVC full solid door with (skypen profile 60mm frame) 2.2 gauge i/c imported handle locks rubber gas and directed approved 8 double tape complete in all respect ANALYSIS OF incharge.

8

= 32 SH	Amount				64600	1000	1500	67100	13420	80520	2516.3	2500
Rate of Analysis for 4'x8' = 32 Sft	Unit				1900 P. Sft	1000 Each	L.S.	Total: -	Add 20% Contractor Profit: -	Total (A): -	Rate P. Sft: - 2516.3	Say: -
Analysis	Rate	_			1900	1000			ntractor	To	Rate	
ate of /	Quantity		32 Sft	2 Sft	34 Sft	1 Job			20% Co			
_	Qui		3		3				Add			
	Description	Waterial	U-PVC Door with Chowkat with fittings and locking arrangments	Add 5% Wastage		Fixing Charges	Carriage from market to site of work					
	S. No.	€	1			2	3					

Executive-Engineer
Building Division
Attock

8

Analysis of rates P/F Stainless steel corner beading angle 2"x2"x1/16" with double tape fixed with stainless steel nails i/c cutting fixing complete in all respect as approved by the Executive Engineer.

S.No.	Description	Quantity		Rate	Unit	Amount	
	Material.						1
_	Cost Stainless steel corner beading angle 2"x2"x1/16" with imported double tape fixed	1.00	Rff	540	P.R#	540	
	i/c cutting fixing complete i/c labour complete	•					
					Total		
			Add 2	Add 20% contractor profit	ctor profi		
					Total "A"	\" 648	
					Say Rs.		

Executive Engineer Building Division Attock

> dings **d**ub Division pindigheb

80

4"x2" SIZE WITH LAZER CUTTER HAVING RECTANGLE SHAPE 3/8 TO 1/2" THICK LAID IN CLASSICAL PATTERN BY PROVIDING 3/8" WIDE GROOVE ON HORIZENTALLY AND VERTICALLY LAID WITH CEMENT SAND MORTOR 1:3 I/C FILLING JOINTS WITH PIGMENT AS DIRECTED BY THE ENGINEER INCHARGE. RATE ANALYSIS FOR PROVIDING AND LAYING OF NATURAL STONE TILE GOLDEN COLOUR

Unit: P.Sft Area: 100 Sft

			201 :00	110		
#.S	# Detail of Material	Quantity	UNIT RATE P.SH Ity Rate Per Unit (Rs.)	Sff Unit (Rs.)	Ā	AMOUNT
4			_			
_	Stone Tile Golden 1'x2'	105	Sft			S
		105	170.00	P.Sft	Rs.	17850
7	Grey Cement (Item No.06.008 P-1)		Cff			
			700.00	P.Bag	Rs.	1512
က	Pigment (Item No.10.015 P-5)	ľ	Ϋ́		-	
		il: 0.45	80.00	P.Kg	Rs.	36
4	Sand (Item No.06.007 P-1)	5.2	Cff			
	-		14.00	P.Cft	Rs.	73
4	Scaffolding charges	İ	Sft			
	Total:	11:	12.00	P.Sft	Rs.	009
				TOTAL		20071
	Add Contractor's Profit 20%			,		4014
			:	TOTAL A		24085
(a	LABOUR					
· -	Mason (Item No. L.B 040 P-1)	2.5	Nos	950	P.Day	2375
:=	Skilled Coolies (Item No. L.B 015 P-1)	5	Nos	725	P.Day	3625
≔	Bahishti (Item No. L.B 017 P-1)	0.5	°Z	750	P.Day	375
				TOTAL		6375
	Add 10% Sundaries					638
<u> </u>				TOTAL		7013
<u></u>	Add Contractor's Profit 20%					1403
				TOTALB		8415
			D	TOTAL A+B		32500
				Rate P.Sft		325.00
				Say	/ Rs.	300.00
ŏ Œ ₹	Certified that Rates for material and labour are as per input rates as displayed on the web site of Finance Dapartment for the MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT ATTOCK	input rates 22 (01.07.2	as displayed	d on the v 2.2022)	veb site o	ا ا

Sub Division
Buildings Sub Division
pindigheb

ANALYSIS OF THE RATE FOR P/F of LEAD Lining 1.5 mm thick lead sheet with wall for radiation protection upto roof height as aper instruction 8"x4" i/c cost of labour complete in all respect as approved and directed by the Engineer Incharge also approved the Radiation Protecting agency

Area: 10x10= 100 Sft Unit: P.Sft

L							
‡ <i>U</i>	Dotoil of Material		UNIT R	UNIT RATE P.Sft		-	1
5		Qua	Quantity	Rate Per Unit	r Unit	₹ 	AMOON
7	P/F Led Lining Sheet 1.5 mm thick	_	2.				
	Total:	1	oN	850.00	Each	Rs. 850	850
				TOTAL	1	Rs. 850	850
		Add 20	% Contra	Add 20% Contractor Profit		Rs. 170	170
				TOTAL		Rs.	Rs. 1020
				Say:		Rs.	Rs. 1020
ပ္ပ	Sertified that Rates for material and labour are as per input rates as displayed on the web site of Finance	input raf	tes as dis	played on t	he web s	site of	Finance

Department for the MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT ATTOCK

23

ANALYSIS OF RATE FOR S/E OF SMD LIGHT PHILIPS (16 WATT) OF APPROVED MANUFACTURER COMPLETE IN ALL RESPECT AS APPROVED & DIRECTED BY THE ENGINEER INCHARGE.

Unit: Each

S.# Detail of Material	UNI	_	RATE P.Sft Rate Per Unit (Rs.)		AMOUNT
A) MATERIAL					
1 Cost of SMD Light 16 Watt.	1.00 N	1.00 No. 1300	Each	Rs.	1300
		TOTAL (A)	,	Rs.	1300
B) LABOUR					
i Electrician Charges (10 Nos One day)	0.1 De	Day 1250	P.Day	Rs.	125
ii Scaffolding L/S	· ·	09	Each	Ŗŝ.	09
iii Carriage Charges.	~	30	Настр	Rs.	30
		TOTAL (B)		Ŗŝ.	215
	77	TOTAL (A+B)		Rs.	1515
Add 20% contractor profit.	•			Rs.	303
		G.TOTAL	,	Rs.	1818
			Say	Rs.	1800

Certified that Rates for material and labour are as per input rates as displayed on the web site of Finance Dapartment for the MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT ATTOCK

Sub Divisional Officer,
Buildings Sub Division,
pindigheb

FOR PIF OF ANTISTATIC ANTIBACTERIAL VINYL FLOORING WITH FIXATION ON FLOOR I/C CARRIAGE OF MATERIAL FROM MARKET TO SITE OF WORK COMPLETE IN ALL RESPECT AS APPROVED/ DIRECTED BY THE ENGINEER INCHARGE ANALYSIS RATE

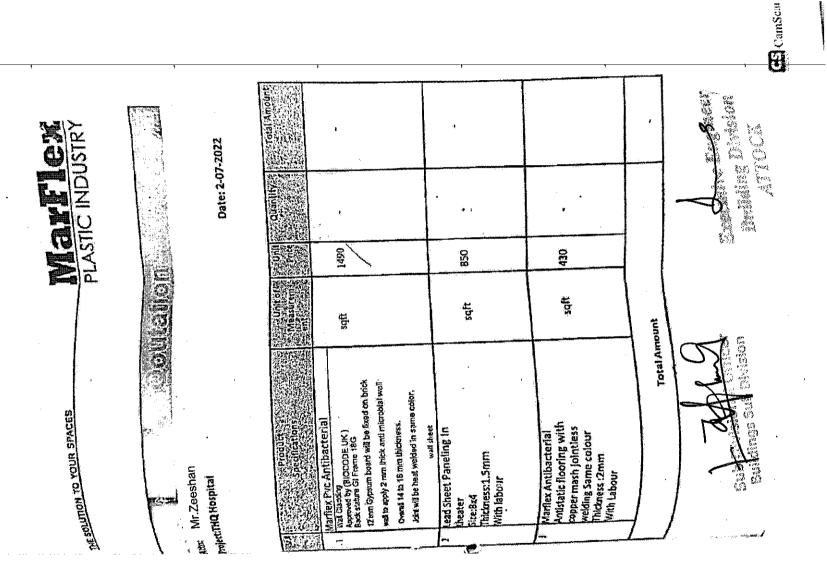
Area: 10x10= 100 Sft Unit: P.Sft

يا			UNIT R	UNIT RATE P.Sft		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	TIMICOMA
#.	Detail of Material	Que	Quantity	Rate Per Unit	r Unit	•	
_	1 P/F Antistatic vinyl flooring with copper mesh	1	οN		,		
	jointless welding in the same colour 2mm thick i/c						
	labour						
	Total:	1	٥N	430.00	Each Rs. 430	Rs.	430
		,		TOTAL		Rs.	Rs. 430
		Add 20	% Contra	Add 20% Contractor Profit		Rs. 86	98
				TOTAL		Rs.	Rs. 516
ပြီ	Certified that Rates for material and labour are as per input rates as displayed on the web site of	put rate	es as disp	played on the	e web s	ite of	

Finance Dapartment for the MRS, 2nd BI-ANNUAL-2022 (01.07.2022 to 31.12.2022) DISTRICT ATTOCK

Executive Engineer
Building Division
Attock

pindigheb



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RFLEX PLASTICINOUSTRY

Shoalb Malik Director Salon & Marketing 03114431189

Work will resume after advance payment.
Payments terms will be 70% advance, 20% on material delivery and 10% on sitecomplete.

Terms & Conditions

Goods once ordered cannot be changed.

Transportation and labor accommodation will be on customer end. 5% wastage will be on customer end.

Parties.

francequiy, reach out via email at projects@themarflexgroup.com of cail on +92 3214431189

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WCSP 202:	**************************************)T''''''''''''''''''''''''''''''''''''	7		El
I Contents Introduction	Electro-Mechanical Equipment's	Tasks at Client End	Warranty Details	lesiness Terms Agreement		
***************************************		Sieroj depolyma pozacioje sobaj. Sieroje orazio-zaczona dukuczenia	**A***********************************	ang kuasiping dapaman dunasibang dan	eel ees ees ees un de le ees ees ees ees ees ees ees ees ees	
***************************************	**************************************		***************************************	el kompetera dan bina bebada. Para dan bina bina bebada.	esa esa esa esta esa esta esta esta esta	
			***************************************	***************************************		
	ulpment's			nent		
Contents Introduction. Scope of Work P&ID and PFD. Design Basic.	-Mechanical Eq ercial	Tent Terms: at Client End	Tanty Details	's Terms Agree		
I C Introdi Scope P&ID a	Comment of the Commen	S S S S S S S S S S S S S S S S S S S	No.	Busine		

Introduction

ucs) clams of A Total Water Manugement Company which makes it distinguished and a single source of management, designing, fabrication of equipment, installations, erection and commissioning. Our focus is to Cooling Water, RO water plants, Esfluents, special water treatment chemicals, chemical free water treatment and quality ussurance water testing kits and programs. We have more than 150 industrial clients spread in the region. We evolve & develop water and environmental management systems. WCSP owns an R & D lab, environmentalist & fabricators. Our team declicatedly work for water & environmental challenges, and provide where Care Services Pakiston (WCSP) was established in 2007. We are a total water management company, and a sich talent of water treatment, innovative unvironmental management and wastewater treatment system. accute projects on turnkey basis. Our scope of services in Total Water Management (TWM) is Boiler semberships and accreditations. We are specialized in Total Water Management comprising of where we develop solutions as per industrial requirements, so we optimize and evolve technology. We have qualified staff, including engineers, national WCSP holds with international credibility. with an energy efficient, economical and relevant solution. our passion, and we take it as a noble cause. physical Water management

Ou extended strength are our international consultants, patents subscriptions and research blogs. Our objective is to develop and run the system trouble free, uninterruptable & long-life. For more details please logon to

THE STREET STATES OF

WWW. WILLIAM STRUCKS BIR

Gumscanner.

WCSP 2022

Scope of Work

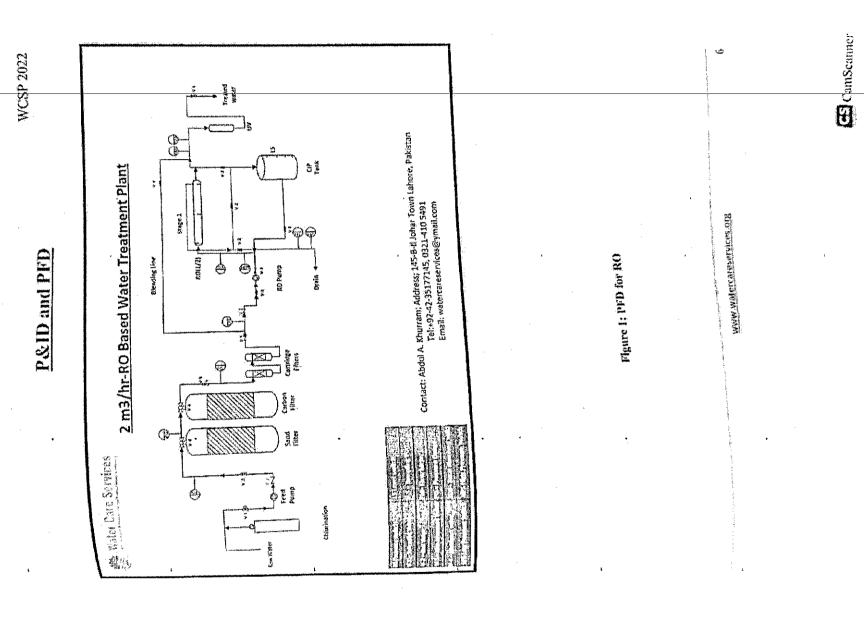
RO base equipment, which will take water at 60 Psi pump. Water passes through chlorination, sand filter, activated carbon filter, cartridge filters of 5 micron. Treated water from 5-micron filter bank is fed to skid mounted Reverse Osmosis process through high pressure pumps to eliminate all dissolved salts. After the RO system, passes through the UV and then directly used. RO based system with Gauges & controls will facilitate the operator to run & monitor system smoothly. From RO membranes, the amount of TDS reduces.

Sand filter gets clogged when it removes impurities from raw water, so when pressure difference drops to a certain value it will automatically run the backwash and will clean the filter. Backwash is usually done for 15 min.

Our system also includes dosing of anti-scaling chemicals, these chemicals will reduce the formation of scale in pipes as well as on membranes and will improve the life of the system.

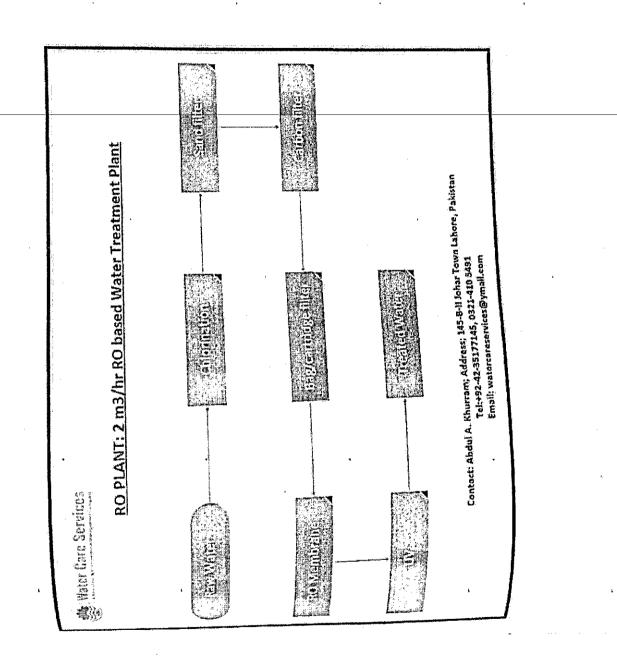
The technology is environment friendly & reduces your chemical cost. Many references are available throughout Pakistan.

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WCSP 2022



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WWW Watercareservices. OF R

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	Value		4	50	200	-	977		1	
	Ţij		m3/II.		mg/l		mg/l	- All - All	m3/hr.	
	Parameter	. Parameter Feed Flow		A STATE OF THE PARTY OF THE PAR	Inlet TDS			E. F. Least.	Product Flow	
		Sr. No.				3		1		'n

PLANT DESIGN BASIC

Plant is designed on the basis of special software & advanced engineering calculations. Design will also be wet from third party before going to start fabrications.

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/CSP 2022

.. 0.000

Electro-Mechanical Equipment's

		50	j		mral, FRP	intal, FRP		1 a		per shell: 1										- Foreign		TuPVC			ank	
	Specifications	MS with enamel coating	5 - 7 Liter/h , 7 bar, 80 L	4 m³/hz, 60 psi	16" V 65" Multi grade sand, Manual, FRP	O A U. Triming	16" x 65", Activated Caroon, included	5 Micron, 4" x 20	4. M.70f. (4504 p.s.); r	300 psi no of membrane elements per shell: 1	parino A & required	uda 0002-0	0 250 Psi,		0 - 200 psi	0 - 110 psi	1", stainless steel	5.7 LiterAt., 7 bar, 80 L	A Comment of the state of the s	* Panel Box	Magnetic Connector with Overtoon Emergency Stop Switch	All pipes and fittings will be of uPVC	HDPE 500 Callon	W 55 W, 55 W	Manual ports with 80 L Tark	To the supplies of the constraint of the constra
Details	Make/model	WCSP	Francos	and		Pentair/Equivalent	Pentair/Equivalent	China/Taiwan	CNP	DOW / Equivalent	Ę	SHLLJ	CREATE	Truteller	Danfoss	Danfols	7,000	A Carte Co.	Elausu			inalem statement	Dadex/ Equivalent	Line trees		e de la companya de l
	OTY.	-	. -	-				7		2	23	2	-	4		<u> </u>		-		FF.	_			7	-	
	Description	The state of the s	Skid Structure	Chlorine Dosing Station	Feed water pump	Sand Filter	Activated Carbon Filter	Carridge Filter 5 Micron	RO High pressure pump	RO membrane	Pressure vessels	Flow Meter	TDS Meter		Pressure Cauge	High Pressure Switch	Low Pressure Switch	High Pressure Throttle valve	Antiscallant Dosing System	Solenoid Valves	Floritical Danel		Pressure Pipes and Fitting	Raw & Product Water Tunk	(IV Lamp	CIP System
1	\	2	\	-	-			r, 40			φ,	2	=	15	2	=		2	19	=	<u>×</u>			\S	77	H

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www.waterrucescule

G Camsteanner

overetem Price	Rs. 1,235,000/-	• describer gerrours
	Inclusive	
Water Distribution Header	Header Rs. 18,500/-	
And the state of t	Total = 1253500	
	224 174. 655 2 243095	
Additional:	70+d 14-66595 17 885	
i	add 11% car. Patita 14355	
• GST (17%) is no	GST (17%) is not added in above quotation.	440

Room /Shed from weather protection will be at client side Freight to shift equipment at client side

- Boarding and lodging at client side
- In pipe and fittings our quote price is contains on 10ft pipe over the specific quantity of joints and pipe will Final sample charges from third lab will be client responsibility be charged separately.
 - · Price Validity: 01 Weck

Payment Terms:

- 60% advance payment
- 36% before installation
 - 10% after installation

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-4

WE'VE WILL THE SELVICES OF R

Tasks at Client End

1. Three Phase Electricity availability

2. Alternate energy arrangement.

3. Electric earthing of equipment

4. Liaison & ecoperation with our technical team

5. Fee payment for sample analysis time to time from some laboratories

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Warranty/ Guarantee

Limited warranty is available on the operation of the system. Electrical parts are not under warranty

Warranty Defails

- I. Warranty includes workmanship
- 2. No leakage
- 3. Pumps performance
- 4. System performance

Additional Benefits

- System developers, for details logon to www.watercareservices.org
- Strong Backup
- Company owns Lab for quality assurance
 - Versaule disciplinary technical expertise
- Proactive
- Economical & quality conscious
- Low operation & maintenance cost
- Advance level documentation
- Training



8. ANNUAL OPERATING COST (POST COMPLETION)

Financial Components: Capital Grant Number: Government Buildings - (PC12042)

Cost Center:OTHERS- (OTHERS)

LO NO:LO22010075

Fund Center (Controlling):LE4203 A/C To be Credited:Account-I

PKR Million

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

Financial Components: Capital Grant Number: Government Buildings - (PC12042)

Cost Center:OTHERS- (OTHERS)

LO NO:LO22010075

Fund Center (Controlling):LE4203 A/C To be Credited:Account-I

PKR Million

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

8. <u>Annual Operating and Maintenance Cost after Completion of the Project</u>

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

9. DEMAND AND SUPPLY ANALYSIS

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

10. FINANCIAL PLAN AND MODE OF FINANCING

10.1 FINANCIAL PLAN EQUITY INFORMATION

10.2 FINANCIAL PLAN DEBT INFORMATION

undefined

10.3 FINANCIAL PLAN GRANT INFORMATION

attached

10. Financial Plan and Mode of Financing

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

Revenue Side

(Rs.in Million)

Year	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Funds	67,000	24 042	1 601	1 612	2 225	6.014	105 205
Released	67.000	24.842	1.681	1.613	3.235	6.914	105.285
Utilization	34.673	24.591	1.644	1.325	3.168	0.502	65.904

Capital Side:

Year	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	Total
Funds	0	0	0	0	0	E 000	5.000
Released	U	U	0	U	U	5.000	3.000
Utilization	0	0	0	0	0	0	0

<u>Balance funds may be provided for completion of the project in</u> <u>subsequent years through ADP</u>

10.4 WEIGHT COST OF CAPITAL INFORMATION

undefined

11. PROJECT BENEFITS AND ANALYSIS

11.1 PROJECT BENEFIT ANALYSIS INFORMATION

Social Benefits with Indicators

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

11.3.1 Social Impact:

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

Employment Generation (Director and Indirect)

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

11.2 ENVIRONMENTAL IMPACT ANALYSIS

Environmental Impact

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

11.3 PACT ANALYSIS

undefined

11.4 ECONOMIC ANALYSIS

Impact of Delays on Project Cost and Viability

Delay in the implementation of the project will lead to increase in cost and increase financial burden on the Government and general population of Punjab. Since the project is one of the major needs and a long awaited desire of the community, therefore, Government of the Punjab

contemplated plan for early execution of Revamping of Emergency Units. The delay will not only deprive the patients of the state of the art facility but also distort the public image of the Government.

11.5 FINANCIAL ANALYSIS

Financial Benefits & Analysis

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

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

The Human Development Index of Pakistan (HDI) will improve

Infant Mortality Rate will decrease

Mother Mortality rate will be decreased

The international commitments of Pakistan will be accomplished

Health standard of public will

Better Health Facilities to mother and

Prompt and scientific facility for operation

Rehabilitation of disables and injured

Blindness in this area will be decreased and controlled

Better social and mental health to addict

Provision of better health facilities at doorsteps

Awareness and control for communicable

Survival of heart failure

Social indicators of Pakistan will improve

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

11.1.1 Financial Impact:

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

11.2 Revenue Generation

Revenue will be generated from:

Indoor fee

Laboratory fees

Diagnostic facility fees

Dental fee

ECG fee

Private room charges

From other fees prescribed by Government

12. IMPLEMENTATION SCHEDULE

12.1 IMPLEMENTATION SCHEDULE/GANTT CHART

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

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

1st Revised gestation period till June, 2021

2nd Revised gestation period till June, 2023.

3rd Revised gestation period till June, 2025

12.2 RESULT BASED MONITORING (RBM) INDICATORS

undefined

12.3 IMPLEMENTATION PLAN

undefined

12.4 M&E PLAN

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

12.5 RISK MITIGATION PLAN

attached

RISK REGISTER

Programme for Revamping of all THQ Hospitals in Punjab

		RISK DATA			itigation / C tative Assess		MITIGATION
Risk Item No	Risk Description/Event	Cause	Effect / Consequences	Likelihood (1 to 3)	Impact (1 to 3)	Risk Score (1 to 9)	Mitigation / Actions
1	Due date for the completion of some hospital sites may be extended due to increase in scope from the Client	Direct instructions from the Medical Superintendents / Hospital Administration to revamp the remaining areas	Significant scope increase requested by the Hospital administration will result in: 1. Project delays 2. Contractor claims 3. Increase in project cost along with variations	3	3	9	Hospital administration is requested to finalize the scope during joint field visits of C&W and PMU
2	Various unexpected structural issues are being encountered	Unforeseen structural issues are expected to face during execution in hospital buildings approaching end of life	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	9	Approval of PCIs and early release of funds is requested
5	Nationwide spread of pandemic i.e. COVID-19 in 2nd and 3rd quarter of this year	Work delays during nationwide lockdown.	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 Designation:Project Director, PMU P&SHD

Email: Tel. No.:042-99231206

Fax No:

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

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

Prepared By:

(HISSAN ANEES)
DIRECTOR PLANNING & HR, PMU,
PRIMARY & SECONDARY HEALTHCARE
DEPARTMENT, LAHORE

(042-99231206) (Oct-2022) (RIZWAN SHOUKAT)
PROCUREMENT SPECIALIST, (PMU),
PRIMARY & SECONDARY HEALTHCARE
DEPARTMENT, LAHORE

(042-99231206) (Oct-2022)

(HAMZA NASEEM)

PROJECT MANAGER CIVÍL, 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)

Approved By:

(KHIZAR HAYAT)

PROJECT DIRECTOR (PMU).
PRIMARY & SECONDARY HEALTHCARE

RIMARY & SECONDARY HEALTHCAR DEPARTMENT, LAHORE

(042-99231206)

(Oct-2022)

(DR. IRSHAD AHMAD) SECRETARY,

GOVERNMENT OF THE PUNJAB

PRIMARY & SECONDARY HEALTHCARE DEPARTMENT, LAHORE

(042-99204567)

(Oct-2022)

(as

17. RELATION WITH OTHER PROJECTS