



Punjab Municipal Development Fund Company

Hiring of Consulting Services for Preparation of Integrated Development and Asset Management Plan (IDAMP) for 16 selected MCs In Punjab under Punjab Cities Program (PCP)

IDAMP – Municipal Committee Wazirabad
May 2024



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01 Introduction

Section 1. Introduction

1.1. Context

Punjab's urban metropolises are growing at an alarming rate thereby accelerating the demand at the municipal service levels. The gap between supply and demand in terms of quality of services at the municipal level rings a bell at the corridors of stakeholders both at government and local levels. Accordingly, the study seeks to identify viable business solutions for effective service deliveries. In particular, this report investigates the conditions of assets, both moveable and immovable, at the MC level to elucidate the foundation for the development of IDAMP.

Infrastructure plays a pivotal role in achievement of service delivery objectives of public sector entities. Without long term planning and optimal management of infrastructure, risk of failure to meet the service delivery program increases significantly. Thus, infrastructure management is a critical concern for the sustainability of public sector entities.

Keeping in view the importance of infrastructure, an IDAMP Framework has been developed which spells out the principles for effective development and management of asset portfolio in order to achieve service delivery objectives, prescribes a consistent approach and a common methodology for development and management of assets and provides guidelines to ensure informed decision making by Municipal Committees for investment in and management of those assets which help the achievement of the service delivery objectives.

1.2. Scope

This document has been prepared for Integrated Development and Asset Management Planning of Municipal Committee (MC) Wazirabad. Thus, this document is confined to the planning and management of assets of MC Wazirabad.

1.3. Brief Methodology for IDAMP Development

The methodology employed for the preparation of the Integrated Development and Asset Management Plan (IDAMP) involved several key steps, which are summarized as follows:

1. Development of Asset Inventory Database

The first step in the IDAMP methodology was to develop a comprehensive asset inventory by PMDFC. This included identifying different asset categories and collecting relevant attribute data. Further, data available at PMDFC and MCs was thoroughly reviewed to ensure accurate and synchronized documentation. This involved cross-referencing and aligning the available data with the requirements of the project. This served as a fundamental basis for integrated asset management.

2. Asset Condition Analysis

It was imperative to have a clear picture of the physical condition of assets and current level of service. Decisions regarding maintenance, rehabilitation and renewal revolved around these two aspects. Asset physical condition analysis was used to determine the need and timing of some preventative or corrective maintenance to ensure desired Level of Service and prevent service breakdown. Below is given the different categories of condition together with reasons/actions for the applicable condition:

Category	Asset Condition	Actions Required
A	Excellent	Routine Maintenance
B	Good	Minor Repair
C	Fair	Major Repair
D	Poor	Rehabilitation
E	Failing	Replacement

3. Current and Target Level of Services (LOS)

To ensure optimal service delivery, an analysis of asset divergence was conducted to assess the alignment between the existing asset inventory and the desired level of service (LOS). This step involved identifying the current level of services, setting target LOS, evaluating the service delivery gap, assessing asset condition assessment, and planning for necessary asset improvements accordingly.

Gap analysis reports and energy audit reports (where available) were reviewed to identify and define the existing infrastructure assets. These reports provided insights into the gaps and deficiencies in the current infrastructure and helped in formulating appropriate strategies for improvement. Further, sectoral plans for infrastructure investments were carefully reviewed to ensure synchronization with the target level of service.

Additionally, community consultative sessions were conducted to gather valuable insights into the needs and desires of the local community. Furthermore, it was made a priority to consult with the management and staff of the respective MCs during our field visits. Please refer **Annexure F** for details.

4. Identification of Projects

Once the inventory and performance targets were updated, project proposals were developed to bridge the service delivery gap. Project were identified based on asset types, for rehabilitation/replacement of existing assets or the creation of new assets. The project proposals encompassed project identification, preparation, and appraisal, ensuring that steps were taken to achieve the target LOS.

Preliminary estimates for capital expenditure and Operating and Maintenance (O&M) costs of identified projects were made. Considering the project scope, capital cost of the projects incorporated both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period. O&M cost to be incurred during operational phases of the project, which included preventive maintenance cost, electricity and other utility cost, administrative expenses, payroll cost and other overheads etc.

Following matrix is used for the computation of O&M costs:

Sr.	Sectors/ Projects	Annual O&M Cost (%age of Capital Cost)
1	Water Supply	5%
2	Filtration Plants	10%
3	GST (Ground Storage Tank) /OHR	2.50%
4	Sewerage Network	2.50%
5	Roads	5%
6	Street Lights	2.50%
7	Parks, Playgrounds, Open Spaces	2.50%
8	Buildings	0.5%
9	Bus stand	2.50%
10	Slaughterhouse	2.50%

11	Storm water drainage;	1%
12	Municipal libraries;	0.5%
13	Solarization	0.5%

5. Financial Capacity Analysis

Analyzing potential financial sources was a crucial step to finance capital investments. This involved examining local capital revenues, planned operating surplus, provincial government transfers, and donor grants as potential funding sources. This analysis provided insights into the available financial capacity to support selected projects, guiding decision-making regarding project selection and phasing.

6. Project Screening & Phasing

Projects were screened and phased over a three-year period based on specific criteria. Projects were evaluated against each of the following factors and assigned scores:

- Project purpose and service delivery improvement
- Public Response/Community and citizens feedback
- Environment and Social Impacts
- Socio-economic impacts analysis
- Ease of implementation

Relative scoring criteria was used for the phasing, wherein projects achieving the highest scores are prioritized in the first year, subject to the availability of finances. Similarly, the scores are reviewed to determine the phasing of projects in the second and third years. This approach ensures the prioritized implementation of projects based on their relative merits.

1.4. Technical Inputs, Assumptions and Limitations

- The initial information of existing assets was obtained from PMDFC and MC Wazirabad. The data was obtained from multiple sources including Asset Management Information System. Additionally, energy audit reports, shape files, and gap analysis reports were also used to supplement the initial information.

- Asset inventory forms were designed to compile the asset attribute and condition information in consultation with the PMDFC management. The baseline data used for carrying out the condition assessment of assets was sourced from various reports provided by the PMDFC and MC Wazirabad. It primarily consisted of information related to the existing assets, including their names, numbers, residual life, technical specifications and other attributes of assets.
- Site surveys were also conducted to verify the information and collect any missing information. The compiled information was then shared with the MC Wazirabad management for their verification and endorsement.
- Age was the primary factor considered for assessing the condition of the water and sewerage network.
- The determination of the current and target level of service has been formulated through a consultative process involving relevant MC staff, and the analysis of data obtained from energy audit reports and gap analysis reports. For the computation of current level of service, following sources were consulted:
 - Served and built-up areas for different sectors were calculated from the relevant sectors' maps;
 - Total population of MC was taken from the census report of Pakistan Bureau of Statistics (PBS) while applying population growth rates for the incremental period;
 - Daily water supplied to the distribution system was calculated on the basis of capacity of tubewell and average daily operational hours of tubewell;
 - Non revenue water was computed by considering actual revenue collected by MC and total connections in the served area;
 - Total number of pipe leakages of the water distribution network was computed on the basis of number of complaints received by MC. It was assumed that one complaint represented one pipe leakage;
 - Total number of sewerage blockages was computed on the basis of number of complaints received by MC. It was assumed that one complaint represented one sewerage blockage; and
 - The total annual operating expenses for each sector were determined based on the expenditure report provided by the MC staff, which covered nine (9) months' worth of data. To obtain the annual operating expenses, an extrapolation method was used to estimate the remaining three (3) months' expenditures.
- Target level of services were determined considering the findings from condition assessment, findings of energy audit reports, findings from gap analysis reports, consultative sessions with MC management and community.

- PMDFC has actively engaged in community consultative sessions to gather valuable insights into the needs and desires of the local community. Furthermore, we have made it a priority to consult with the management and staff of the respective Municipal Committees (MCs) during our field visits. This collaborative approach has allowed us to gain valuable perspectives from those directly involved in the day-to-day operations of the MCs and the feedback and insights gathered from these consultative sessions, both with the community and MC stakeholders, have been carefully analyzed and incorporated into the IDAMPs of the respective MCs.
- Projects (repair/ rehabilitation/ new creation) were identified in consultation with the respective Asset Managers keeping in view the service delivery gaps.
- Rough cost estimates (Capital and Operational & Maintenance) was performed on the basis of Market Rating System (MRS) and Non MRS rates of items.
- Identified projects were evaluated on the basis of project screening and phasing criteria prescribed in the IDAMP Framework.
- The cost and book values of the MC assets have been provided by PMDFC staff.

02 Overview – Municipal Committee Wazirabad

Section 2. Overview – Municipal Committee Wazirabad

2.1. Introduction

Wazirabad is situated on the bank of the River Chenab nearly 100 kilometers north of Lahore on the Grand Trunk Road. It is 45 kilometers from Sialkot, 30 kilometers from the district Gujranwala and about 12 kilometers from Gujrat. Wazirabad is an industrial city. It is also known as city of cutlery. As it is a popular place for production of cutlery items. Wazirabad is situated on the banks of the Chenab River. The city was founded by Wazir Khan, an amir of Mughal Emperor Shah Jahan.¹

2.2. Functions of Municipal Committee Wazirabad

Section 31(p) of the Local Government Act, 2022, the Municipal Committees to provide, manage, operate, maintain and improve municipal infrastructure and services, including:

- water supply and control and development of water sources
- sewage and sewage treatment and disposal
- storm water drainage
- sanitation and solid waste collection and disposal of solid wastes, treatment and disposal including landfill site and recycling plants
- roads and streets
- public transport and mass transit systems, construction of express ways, flyovers, bridges, roads, under passes, traffic planning, engineering and management including traffic signaling systems, signs on roads, street markings
- firefighting
- street lighting
- parks, playgrounds, open spaces
- parking stands

¹ <https://mcwazirabad.lgpunjab.org.pk/about-us/history/>

- graveyards
- arboriculture/ tree afforestation;
- parking places;
- transport stations, stops, stands and terminals;
- slaughterhouses;
- municipal libraries;
- community and cultural centers;
- land use planning;
- building control; and
- environmental protection.

03 Existing Asset Inventory Analysis

Section 3. Existing Asset Inventory Analysis

Over the years, MC Wazirabad has accumulated a large inventory of assets through development schemes and direct procurements. However, a centralized record of assets had not been maintained due to absence of a proper asset management system. Furthermore, as the development work used to be carried out through 'schemes', the asset generated through schemes could not be identified and classified into appropriate asset categories.

3.1. Existing Assets Summary

The summary of existing assets of MC Wazirabad based on its' functions is presented below:

Table 1: Asset Summary

Sr No.	Asset Category	Asset Sub-Category	Unit	Total
1	Water Supply System	Tube wells	No.	15
		Water Supply Network	Meter	74613
		OHR	No.	1
		Filtration Plants	No.	6
		Vehicles	No.	2
2	Sewerage System	Sewerage Network	Meter	73825
		Disposal Stations	No.	2
		Vehicles	No.	15
3	Recreational	Park	No.	6
5	SWM Resource	Vehicles	No.	294
		Dumping Site	No.	1
		Parking Shed	No.	1
6	Buildings	Offices	No.	4
7	Public Places	Slaughter Houses	No.	1

Sr No.	Asset Category	Asset Sub-Category	Unit	Total
8	Shops	Shops	No.	236
9	Land	Open Plots	No.	4
10	Office Vehicles	Office Vehicles	No.	2
11	Street Lights	Street Lights	No.	2840
12	Roads	Roads	KMs.	28.18

The detail of the assets is provided in **Annexure A**.

3.2. Condition of Existing Assets

The condition of assets of MC is presented below:

Table 2: Condition of Existing Assets

Sr No.	Asset Category	Asset Sub-Category	Asset Condition					Unit	Total
			Excellent (A)	Good (B)	Fair (C)	Poor (D)	Failing (E)		
1	Water Supply System	Tube wells	-	2	11	2	-	No.	15
		Water Supply Network	-	-	-	-	74613	Meter	74613
		OHR	-	-	-	1	-	No.	1
		Filtration Plants	-	2	4	-	-	No.	6
		Vehicles	-	-	1	-	-	No.	1
2	Sewerage System	Sewerage Network	-	-	-	-	73825	Meter	73825
		Disposal Stations	-	1	1	-	-	No.	2
		Vehicles	-	3	8	4	-	No.	15
3	Recreational	Park	-	1	5	-	-	No.	6
5	SWM Resource	Vehicles	270	-	3	3	11	No.	294
		Dumping Site	-	-	-	1	-	No.	1
		Parking Shed	1	-	-	-	-	No.	1
6	Buildings	Offices	-	2	2	-	-	No.	4
7	Public Places	Slaughter Houses	-	-	1	-	-	No.	1
8	Shops	Shops	-	233	3	-	-	No.	236
9	Land	Open Plots	-	4	-	-	-	No.	4
10	Office Vehicles	Office Vehicles	-	-	1	1	-	No.	2
11	Street Lights	Street Lights	1731	-	-	-	1109	No.	2840
12	Roads	Roads	-	12.5	-	15.68	-	KMs.	28.18

04 Level of Services (LOS)

Section 4. Level of Services (LOS)

Assets are planned and managed for the service delivery to the consumers. Therefore it is pertinent to assess the current service level and set out the desired service level over a certain period by keeping in view the community needs and demands. In order to measure the service levels, indicators are designed on which periodic assessments of the level of service are carried out.

A set of Level of Service (LOS) indicators has been prescribed for the MCs for achievement of the service delivery objectives. The MCs shall compute their existing LOS and set the target LOS for the next three years. Target LOS shall be used as key performance indicators to assess the performance of assets and monitor the extent of service delivery by the MCs.

The current and target level of service for MC Wazirabad are provided here under:

Table 3: Current & Target LOS

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
Water supply and control and development of water sources;	Water Supply Coverage %	Percentage of area, where water supply network is available in comparison to total built up area.	59%	75%	Improvement and Extension of Water Supply Scheme in Wazirabad City	2023-2024
	Water Supply Coverage by private wells %	Percentage of area, where residents have own water sources.	41%	25%		
	Water production GPCD	Total daily water supplied to the distribution system (ex-treatment plant and including purchased water, if any) expressed by population served per day.	29	30		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	Non-revenue water %	Difference between total water produced (ex - treatment plant) and total water sold expressed as a percentage of total water produced.	52%	52%		
	Pipe breaks (Leakages/Breaks /Km)	Total number of pipe leakages/breaks per year expressed per km of the water distribution network.	0.96	0.50	Improvement and Extension of Water Supply Scheme in Wazirabad City	2023-2024
	Unit operational cost - water sold (production cost at consumer end) (PKR)	Total annual operating expenses divided by the total annual volume of water sold.	0.03	0.03		
	Unit operational cost - water produced (gross production cost) (PKR)	Total annual operating expenses divided by the total annual water produced.	0.02	0.02		
	Water supply staff per 1000 water connections	Total number of water supply staff expressed as per thousand water connections.	2.6	2.6		
	Salary cost as proportion of Operating costs	Total annual salary costs (including salaries, wages, pensions, other benefits, etc.) Expressed as a percentage of total annual operating costs.	N/A	Same as before		
	Power and Electricity Costs as proportion of Operating Costs	Total annual power/electricity costs of the utility expressed as a percentage of total annual operating costs.	100%	85%	Solarization of tube wells and Water Supply System	2023-2024
	Unfit water samples % (not conforming with the requirements of NEQ)	Total number of unfit water samples (not conforming with the requirements of NEQ) expressed as a percentage of total samples taken.	N/A	Improved water quality	Improvement and Extension of Water Supply Scheme in Wazirabad City	2023-2024

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	Continuity of Service Hrs. / Day.	Average hours of service per day for water supply. (Average operational hours of tubewell per day)	8	8		
	Water Supply Complaints %	Total number of water supply complaints per year expressed as a percentage of the total number of water supply connections.	1%	0.4%	Improvement and Extension of Water Supply Scheme in Wazirabad City	2023-2024
	Operational cost coverage (Ratio)	Total annual operational revenues/Total annual operating cost.	54%	62%	Solarization of Tubewells and Water Supply System	2023-2024
Sewage and sewage treatment and disposal;	Sewerage Coverage %	Population with sewerage services (direct service connection) as a percentage of the total population. (Total served area as a percentage of the total built up area)	75%	83%	Improvement of Existing Sewerage System, new Sewerage network along with WWTP for MC Wazirabad	2023-2026
	Risk of crown failure	Whether there is an indication of crown failure?	Yes	No		
	Sewerage blockages (Blockages/KM)	Total number of blockages/ complaints per year expressed per km of sewers	3	1.7		
	Sewerage staff per 1000 sewerage connections (No.)	Total number of sewerage staff expressed as per thousand sewerage connections	6.45	6.45		
	Waste water Treatment – Primary (%)	Proportion of collected sewage that receives primary treatment only, i.e. involving settlement with the intention of removing solids, but not biological treatment. Both	N/A	100%	Improvement of Existing Sewerage System, new	2023-2026

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
		lagoon and mechanical treatment can be included, where appropriate.			Sewerage network along with WWTP for MC Wazirabad	
	Waste water Treatment – Secondary (%)	Proportion of collected sewage that receives at least secondary treatment, i.e. removing oxygen demand as well as solids, normally biological. Both lagoon and mechanical treatment can be included, where appropriate.	N/A	100%		
	Sewerage Complaints (%)	Total number of sewerage complaints per year expressed as a percentage of the total number of sewerage connections.	.56%	Reduction in number of complaints		
Storm water drainage;	Storm water drainage coverage (%)	The percentage of MC area that the drainage system protects from flooding.	96%	96%		
Sanitation and solid waste collection and disposal of solid wastes, treatment and disposal including landfill site and recycling plants;	Collection efficiency (%)	Total amount of solid waste collected expressed as a percentage of total solid waste produced.	60%	60%		
	Disposal efficiency (%)	Total amount of solid waste disposed off expressed as a percentage of total solid waste collected.	100%	100%		
	Door-to-door (%)	Percentage of area with door-to-door solid waste collection.	0%	0%		
	Primary SWM Coverage each day in localities (%)	Percentage of area from which the sanitary staff sweeps & collects waste each day	60%	60%		
	Primary SWM Coverage each day in Roads (%)	Primary SWM Coverage each day in Roads	60%	60%		
	Open Collection Points (No.)	Open Collection Points	30	30		
	Secondary collection machinery (no.)	Secondary collection machinery	38	38		
	Adequacy of parking facilities for SWM vehicles	Adequacy of parking facilities for SWM vehicles	Yes	Yes		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	Waste transported in covered vehicles	Waste transported in covered vehicles	No	No		
	Sufficiency of existing dumping area (Landfill site).	Sufficiency of existing dumping area (Landfill site).	Yes	Yes		
	Mechanism for Final Disposal	Is there any mechanism for Final Disposal?	No (Land fill Site)	No (Land fill Site)		
Roads and streets;	Roads with condition "A" (Excellent) %	Roads with condition "A" expressed as a percentage of length of roads.	0%	0%	Improvement and Rehabilitation of Roads & Chowks in MC Wazirabad	2023-2024
	Roads with condition "B" (Good) %	Roads with condition "B" expressed as a percentage of length of roads.	44%	70%		
	Roads with condition "C" (Fair) %	Roads with condition "C" expressed as a percentage of length of roads.	0%	0%		
	Roads with condition "D" (Poor) %	Roads with condition "D" expressed as a percentage of length of roads.	56%	30%		
	Roads with condition "E" (Failing) %	Roads with condition "E" expressed as a percentage of length of roads.	0%	0%		
Streetlighting;	Streetlight coverage. (%)	Percentage of area/roads with streetlights.	1.0%	1.0%		
	Working Streetlight %	Percentage of working streetlights as of total streetlights.	68%	100%	Provision and installation of Street Lights in MC	2025-2026
Parks, Playgrounds, Open spaces;	Open spaces as percentage of total MC area. %	Open spaces as percentage of total MC area. %	0%	0%		
	Playgrounds as percentage of total MC area. %	Playgrounds as percentage of total MC area. %	0%	0%		
	Parks with condition "A" (Excellent) %	Total area of parks with condition "A" expressed as a percentage of total area of parks.	0%	0%	Rehabilitation / Improvement of City Park and	2025-2026

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	Parks with condition "B" (Good) %	Total area of parks with condition "B" expressed as a percentage of total area of parks.	14%	50%	Molana Zafar Ali Khan Park	
	Parks with condition "C" (Fair) %	Total area of parks with condition "C" expressed as a percentage of total area of parks.	72%	50%		
	Parks with condition "D" (Poor) %	Total area of parks with condition "D" expressed as a percentage of total area of parks.	14%	0%		
	Parks with condition "E" (Failing) %	Total area of parks with condition "E" expressed as a percentage of total area of parks.	0%	0%		
	Parks as percentage of total MC area. %	Parks as percentage of total MC area. %	0.2%			
Graveyards;	Graveyards as percentage of total MC area. %	Graveyards as percentage of total MC area. %	0%	0%		
	Graveyards with condition "A" (Excellent) %	Total area of graveyards with condition "A" expressed as a percentage of total area of graveyards.	0%	0%		
	Graveyards with condition "B" (Good) %	Total area of graveyards with condition "B" expressed as a percentage of total area of graveyards.	0%	0%		
	Graveyards with condition "C" (Fair) %	Total area of graveyards with condition "C" expressed as a percentage of total area of graveyards.	0%	0%		
	Graveyards with condition "D" (Poor) %	Total area of graveyards with condition "D" expressed as a percentage of total area of graveyards.	0%	0%		
	Graveyards with condition "E" (Failing) %	Total area of graveyards with condition "E" expressed as a percentage of total area of graveyards.	0%	0%		
Transport stations, stops, stands and terminals;	Ratio of bus stations to the total length of roads	Ratio of bus stations to the total length of roads	NIL	NIL		
	Adequacy of facilities at bus stands	Adequacy of facilities at bus stands	N/A	N/A		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
Slaughterhouses;	Adequacy of slaughterhouses	Adequacy of slaughterhouses keeping in view the population of the MC	Yes	Yes		
	Adequacy of facilities in slaughterhouses	Adequacy of facilities in slaughterhouses in terms of tools, disinfectants, refrigeration/ storage systems, drainage and disposal facility, etc.	No	Yes	Rehabilitation of slaughter house	2024-2025
Municipal libraries;	Total number of Libraries per 100,000 persons	Total number of Libraries per 100,000 persons	NIL	NIL		
	Adequacy of facilities in library	Adequacy of facilities in library in terms of books, computers, furniture, air-conditioning, lighting, drinking water etc.	N/A	N/A		
Buildings;	Buildings with condition "A" (Excellent) %	Total number of buildings with condition "A" expressed as a percentage of total number of buildings.	0%	0%		
	Buildings with condition "B" (Good) %	Total number of buildings with condition "B" expressed as a percentage of total number of buildings.	50%	50%		
	Buildings with condition "C" (Fair) %	Total number of buildings with condition "C" expressed as a percentage of total number of buildings.	50%	50%		
	Buildings with condition "D" (Poor) %	Total number of buildings with condition "D" expressed as a percentage of total number of buildings.	0%	0%		
	Buildings with condition "E" (Failing) %	Total number of buildings with condition "E" expressed as a percentage of total number of buildings.	0%	0%		
	Solar Penetration Index (SPI) %	The Solar Penetration Index (SPI) measures the percentage of MC office buildings that have successfully undergone solarization.	0%	100%	Solarization of the municipal buildings	2023-2024

Notes:

- While achieving the target level of service, MC shall ensure conformance with applicable laws and regulations including but not limited to land use planning, building control, environmental and social considerations.
- Environmental and social considerations are provided in Annex D.
- Comprehensive list of LOS indicators is provided in IDAMP Framework, please refer to section 5, however, certain LOS indicators are not applicable to MC Okara such as metered water connections, firefighting coverage etc.
- For certain service levels, the existing level of service is sustained during the term of IDAMP i.e. three years, despite the recognized need for enhancements. This circumstance arises due to various factors, including but not limited to funding constraints, the reluctance of asset owners to initiate required modifications and the lack of suitable land availability. Nevertheless, it is crucial to emphasize that the preparation and revision of the IDAMP is an ongoing process. As a result, the target level of service in these areas may be redefined in the future, facilitating the implementation of potential improvements.
- The calculation of daily water supplied to the distribution system has considered the capacity of tubewells, in combination with the average hours of service per day for water supply.
- In order to reduce the reduction in non-revenue water, certain initiatives are required such as capacity building for MC staff, the installation of water meters, tariff revisions, regulatory reforms, among other measures. It's important to note that the percentage of non-revenue water may not necessarily improve solely with an increase in water production.
- As regards to landfilling, developing regional landfill sites, rather than smaller units for each city, would be advisable.

05 IDAMP Projects

Section 5. IDAMP Projects

Based on the asset condition analysis and target level of services, the following projects have been identified in respect of various asset categories. Preliminary cost estimates for the project, encompassing both capital and operational & maintenance expenses, were calculated using the current Market Rating System (MRS) and Non-MRS rates for items. It's important to note that this estimation does not factor in inflation. Further, the coding scheme adopted to allot codes to the projects and the proposed projects' screening and phasing evaluation is given in Annexure B and C respectively.

Table 4: IDAMP Projects

Sr. No.	Project ID	Project Name	Asset Category	Total Capital Cost	2023-24		2024-25		2025-26		Project Screening (Score)
					Capital	O&M	Capital	O&M	Capital	O&M	
					(Millions)						
1	01-05-01-02-01	Improvement and rehabilitation of Water Supply Scheme in MC Wazirabad	Water Supply	559.63	559.63	27.98	-	27.98	-	27.98	84
2	01-05-01-02-02	Improvement and rehabilitation of Water Supply Scheme in MC Wazirabad	Water Supply	23.00	23.00	1.15	-	-	-	-	84
3	01-05-01-06-01	Construction of Underground Water Storage Tank	Water Supply	600.00	300.00	-	300.00	15.00	-	15.00	84
4	01-05-02-01-01	Improvement of Existing Sewerage System, new Sewerage network along with WWTP for MC Wazirabad	Sewerage	900.00	450.00	-	450.00	22.50	-	22.50	82
5	01-05-03-02-01	Rehabilitation / Improvement of City Park and Molana Zafar Ali Khan Park	Parks	5.25	-	-	-	-	5.25	0.13	60
6	01-05-05-06-01	Rehabilitation of slaughter house	Slaughterhouse	4.40	-	-	4.40	0.11	-	0.11	71
7	01-05-04-03-01	Provision and installation of Street Lights in MC	Streetlights	11.38	-	-	-	-	11.38	0.28	61

Sr. No.	Project ID	Project Name	Asset Category	Total Capital Cost	2023-24		2024-25		2025-26		Project Screening (Score)
					Capital	O&M	Capital	O&M	Capital	O&M	
					(Millions)						
8	01-05-06-01-01	Solarization of the municipal buildings	Buildings	300.00	300.00	1.50	-	1.50	-	1.50	80
9	01-05-01-01-01	Solarization of Tubewells and Water Supply System	Water Supply	165.00	165.00	0.83	-	0.83	-	0.83	80
10	01-05-04-01-01	Improvement and Rehabilitation of Roads & Chowks in MC Wazirabad	Roads	200.89	200.89	10.04	-	10.04	-	10.04	79
11	01-05-01-01-02	Solarization of Tube wells & Disposal Station	Water Supply	58.40	58.40	0.29	-	0.29	-	0.29	80
12	01-05-01-02-03	Modernization of Water and Wastewater Management in Municipal Committee Wazirabad through SCADA Implementation	Water Supply	37.32	37.32	0.19	-	0.19	-	0.19	84
13	01-05-03-03-01	SWM Vehicle Parking Shed	Solid Waste Management System	120.60	120.60	3		3		3	84
14	01-05-01-02-03	Energy Management Plan	Water Supply	1.53	1.53	0		0		0	80
Total				2,987.40	2,216.37	44.98	754.40	81.44	16.63	81.86	

5.1. Detail of proposed projects:

The following section provides high-level particulars of the identified projects, serving as a point of reference for creating planning documents and PC forms²:

Table 5: Projects Details

Sr. No.	Project ID	Project Name	Service Sector	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
1	01-05-01-02-01	Improvement and rehabilitation of Water Supply Scheme in MC Wazirabad	Water Supply	The main objectives are: - To supply safe drinking water in sufficient quantity at doorsteps of consumers with reasonable cost - To improve personal hygiene and household cleanliness of users - Reduction of water borne diseases - Reduction in medical expenditures - Improvement in environment of the city	<ul style="list-style-type: none"> Boring and construction of tube wells : 12 Nos. Installation of 1 No. new tube well of 0.5 cusecs in Haider colony Installation of 8 new tube wells in unserved areas Complete replacement of tube well of 1.5 cusecs near Islamabad more and Allahabad Installation of pumping machinery and allied E&M works - 11 Nos Laying of new distribution network Installation of 11 hypo-chlorinators 	559.63	27.98	MC Wazirabad

² <https://www.pc.gov.pk/web/downloads/pc>

Sr. No.	Project ID	Project Name	Service Sector	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
					<ul style="list-style-type: none"> Installation of electric connection by GEPCO/WAPDA- 12 Nos. 			
2	01-05-01-02-02	Improvement and rehabilitation of Water Supply Scheme in MC Wazirabad	Water Supply	The main objectives are - To supply safe drinking water in sufficient quantity at doorsteps of consumers with reasonable cost - To improve personal hygiene and household cleanliness of users - Reduction of water borne diseases - Reduction in medical expenditures - Improvement in environment of the city	<ul style="list-style-type: none"> Replacement of 4 pump sets Installation of capacitors 	23	1.15	MC Wazirabad
3	01-05-01-06-01	Construction of Underground Water Storage Tank	Water Supply	The main objectives are: - To supply safe drinking water in sufficient quantity at doorsteps of consumers with reasonable cost - To improve personal hygiene and household cleanliness of users - Reduction of water borne diseases - Reduction in medical expenditures - Improvement in environment of the city	<ul style="list-style-type: none"> Design and Engineering Site Preparation Excavation and Earthwork Foundation Works Masonry Works Coation and Insulation Piping and Connection Concrete Works 	600	15	MC Wazirabad

Sr. No.	Project ID	Project Name	Service Sector	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
4	01-05-02-01-01	Improvement of Existing Sewerage System, new Sewerage network along with WWTP for MC Wazirabad	Sewerage	1. To implement prioritized, need based and most cost-effective municipal service infrastructure sub projects for the year 2032. 2. To improve the service delivery level for the entire growing population of the city. 3. Protecting drinking water sources from contamination by waterborne waste 4. Improvement of the environment of the city making it livable. 5. To improve the economic growth of the city.	1.Rehabilitation of existing sewerage system 2.Rehabilitation of existing disposal stations 3.Construction of sewerage network in unserved areas 4.WWTP 5.Construction of new disposal stations	900	22.50	MC Wazirabad
5	01-05-03-02-01	Rehabilitation / Improvement of City Park and Molana Zafar Ali Khan Park	Parks	1. To reduce urban heat island effect. 2. To provide active and passive recreational opportunities 3. To contribute to the health and wellness of a community 4. To create valuable green space 5. To combat air pollution caused by vehicles and industries 6. Improvement in environments of the city making them livable. 7. Improvement in local and province economy. 8. Improvement in the economic growth potential of the city.	Both parks required 1 Swings 2 Drinking water coolers 3 Washroom 4 Tuck Shop 5 Gazebo	5.25	0.13	City Park and Molana Zafar Ali Khan Park

Sr. No.	Project ID	Project Name	Service Sector	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
6	01-05-04-01-01	Rehabilitation of slaughter house	Slaughter-house	<p>Ensure compliance with sanitation and hygiene standards.</p> <p>Improve the welfare and treatment of animals.</p> <p>Enhance public health and safety.</p> <p>Increase the efficiency of the slaughter process.</p> <p>Reduce operating costs and increase profitability.</p> <p>Upgrade facilities and equipment to meet modern standards.</p> <p>Minimize the impact on the environment.</p> <p>Ensure compliance with regulatory requirements.</p> <p>Improve working conditions for employees.</p> <p>Improve the overall performance of the slaughterhouse.</p>	<ul style="list-style-type: none"> • Gate • Doctor's room renovation • Rehabilitation of Slaughtering hall for large and small animals • Water supply systems • Health and Hygiene SOPs • Separate Facility for Sick Animals • Tools Disinfectant System 	4.4	0.11	Slaughter-house
7	01-05-05-06-01	Provision and installation of Street Lights in MC	Streetlights	<p>Enhance public safety and security by providing adequate lighting.</p> <p>Improve visibility for motorists and pedestrians.</p> <p>Increase the overall quality of street lighting.</p> <p>Reduce energy consumption and operating costs.</p> <p>Promote energy efficiency and sustainability.</p> <p>Improve the aesthetics of the area.</p> <p>Enhance the functionality of the street lighting system.</p>	Installation of LEDs at all non-functional MC operated streetlights	11.375	0.284375	Various streets and roads in MC Wazirabad

Sr. No.	Project ID	Project Name	Service Sector	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
				<p>Improve reliability and reduce maintenance downtime.</p> <p>Ensure compliance with regulatory requirements.</p> <p>Increase the lifespan of the street lighting system.</p>				
8	01-05-06-01-01	Solarization of the municipal buildings	Buildings	<p>The primary objectives of solarization are as follows:</p> <p>a) Enhance sustainability by generating clean and renewable energy, the project can reduce its environmental impact and contribute to sustainable development.</p> <p>b) Reduce Carbon Footprint: solar PV systems produce electricity with zero greenhouse gas emissions, helping to mitigate climate change and improve air quality.</p> <p>c) Cut Down Energy Costs: Utilizing solar energy can significantly reduce reliance on conventional grid electricity, resulting in long-term cost savings and improved financial viability.</p>	Solarization of the municipal buildings based on the site load and installation capacity assessment	300	1.5	Wazirabad City

Sr. No.	Project ID	Project Name	Service Sector	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
9	01-05-01-01-01	Solarization of Tube wells and Water Supply System	Water Supply	The primary objectives of solarization are as follows: a) Enhance Sustainability: By generating clean and renewable energy, the project can reduce its environmental impact and contribute to sustainable development. b) Reduce Carbon Footprint: Solar PV systems produce electricity with zero greenhouse gas emissions, helping to mitigate climate change and improve air quality. c) Cut Down Energy Costs: Utilizing solar energy can significantly reduce reliance on conventional grid electricity, resulting in long-term cost savings and improved financial viability.	Solarization of the tube wells based on the site load and installation capacity assessment. Tube well solarization project scope involves converting conventional water pumping systems into solar-powered ones to ensure sustainable and energy-efficient water supply for rural needs.	165	0.825	Wazirabad City
10	01-05-04-01-01	Improvement and Rehabilitation of Roads & Chowks in MC Wazirabad	Roads	The Project has the following objectives; 1. Improvement of service delivery level of the municipal services in the sector of communication. 2. Better travelling facilities for the commuters. 3. Reduction in road accidents. 4. Saving in travelling and repair cost of the vehicles. 5. Reduction in annual maintenance charges of roads and parks 6. Better lit roads and streets adding to security of people travelling at	For Road: · Geometric Improvement · Rehabilitation of Existing Pavement Structure · Pavement Marking · Street Lighting · Improvement of drainage system For Chowk: · Geometric Improvement of intersection · Channelization of traffic flow · Rehabilitation of Existing	200.89	10.0445	1. Arif Shaheed Road & Double Railway crossing road 2. Awa Road 3. Western Circular Road 4. Bank of Nallah Palkhu &

Sr. No.	Project ID	Project Name	Service Sector	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
				night. 7. Improvement in environments of the city making them livable. 8. Improvement in local and province economy. 9. Improvement in the economic growth potential of the city.	Pavement Structure · Pavement Marking · Street Lighting · Aesthetic improvement of chowk			Railway Colony Road A. Telephone Exchange Chowk B. Haji Pura Chowk
11	01-05-01-01-02	Solarization of Tube wells & Disposal Station	Water Supply	The primary objectives of solarization are as follows: a) Enhance Sustainability: By generating clean and renewable energy, the project can reduce its environmental impact and contribute to sustainable development. b) Reduce Carbon Footprint: Solar PV systems produce electricity with zero greenhouse gas emissions, helping to mitigate climate change and improve air quality. c) Cut Down Energy Costs: Utilizing solar energy can significantly reduce reliance on conventional grid electricity, resulting in long-term cost savings and improved financial viability.	Solarization of the disposal station based on the site load and installation capacity assessment. Disposal station solarization project scope involves converting conventional pumping systems into solar-powered ones to ensure sustainable and energy-efficient water supply for rural needs.	58.4	0.292	1-Tube wells at Jaffara Colony 2-Tube wells at Muhallah Shero-01 3-Tube wells at Muhallah Shero-05 4-Disposal at Railway Colony

Sr. No.	Project ID	Project Name	Service Sector	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
12	01-05-01-02-03	Modernization of Water and Wastewater Management in Municipal Committee Wazirabad through SCADA Implementation	Water Supply	The Project aims at improvement of infrastructure of municipal services and has the following objectives; a) Improve the overall efficiency of pumping machinery i.e disposal stations and tubewells. b) Enhance wastewater collection, treatment, and disposal processes c) Implement a real-time monitoring and control system to detect and respond to equipment failures d) Enable data collection, analysis, and reporting to support informed decisionmaking e) Ensure compliance with local, provincial, and national regulations and standards for water and wastewater management f) Foster integration with other municipal systems, such as billing, GIS and asset management	Implementing a SCADA system to oversee the management of water and wastewater in the Wazirabad Municipal Committee.	37.32	0.1866	Wazirabad City

5.2.

Operations and Maintenance (O&M) Strategy:

The Operations and Maintenance (O&M) Strategy outlined in this Integrated Development and Asset Management Plan (IDAMP) ensures the effective management and sustainability of critical infrastructure assets, including sewerage, water supply, and solid waste machinery. Each component of the O&M strategy is designed to optimize asset performance and support ongoing service delivery.

1. Sewerage Operations and Maintenance

- **Preventive Maintenance:** Regular inspection, cleaning, and repair of sewer lines, manholes, and treatment facilities to prevent blockages and ensure uninterrupted flow.
- **Emergency Response:** Establishment of rapid response protocols for addressing sewerage system failures and overflows to minimize public health and environmental risks.
- **Pump Station Management:** Routine maintenance of sewerage pumping stations to optimize performance and extend equipment lifespan.
- **Asset Monitoring:** Implementation of real-time monitoring systems to track sewerage system performance and identify potential issues proactively.
- **Budget Allocations:** All O&M expenses for sewerage infrastructure are based on the IDAMP guidelines, with a detailed list of expenses provided in Annexure G,H &I.

2. Water Supply Operations and Maintenance

- **Water Quality Management:** Regular testing and treatment of water sources to maintain compliance with quality standards and ensure safe drinking water supply.
- **Distribution Network Maintenance:** Inspection and repair of pipelines, valves, and pumps to minimize leaks and pressure fluctuations in the water distribution network.
- **Reservoir and Pump House Operations:** Scheduled maintenance of water reservoirs and pump houses to optimize operational efficiency and reduce energy consumption.
- **Leak Detection:** Utilization of advanced leak detection technologies to identify and repair water leaks promptly.
- **Budget Allocations:** O&M expenditures for water supply infrastructure are aligned with the IDAMP framework, as detailed in Annexure XYZ.

3. Solid Waste Machinery Operations and Maintenance

- **Equipment Servicing:** Routine servicing and lubrication of solid waste machinery, including compactors, shredders, and sorting equipment, to optimize performance and reduce downtime.
- **Waste Collection Fleet Management:** Maintenance and repair of waste collection vehicles to ensure reliable and efficient solid waste collection services.
- **Landfill Management:** Regular monitoring and maintenance of landfill sites to mitigate environmental impacts and ensure compliance with waste disposal regulations.

- **Recycling Infrastructure Maintenance:** Inspection and upkeep of recycling facilities and equipment to support sustainable waste management practices.
- **Budget Allocations:** O&M expenses related to solid waste management are calculated based on IDAMP guidelines, with a comprehensive breakdown provided in Annexure G,H &I..

In conclusion, the integrated Operations and Maintenance (O&M) Strategy within the IDAMP framework underscores our commitment to effective asset management and service delivery. By prioritizing preventive maintenance, rapid response capabilities, and continuous monitoring while aligning expenditures with the IDAMP, we ensure the long-term reliability and sustainability of essential infrastructure services. This proactive approach supports our mission to provide quality public services while optimizing resource utilization and minimizing operational risks.

06 Financial and Economic Analysis

Section 6. Financial and Economic Analysis

In this chapter, financial and economic analysis has been carried out for the new project proposed under IDAMP to assess its economic and financial viability and determine its do-ability by reference to its financial resources required next three financial years.

1.1. Qualitative Assessment

The qualitative benefits of the proposed projects are as under:

- (i) **The benefits of municipal project – Engines of Growth:** Among other benefits, municipal projects generate employment opportunities and create a positive impact on the standard of living. Few projects proposed under IDAMP are mega projects which would create their own economy, boast manufacturing & trading, create need for commerce value chain.
- (ii) **Environmental Up-gradation:** Development of wastewater treatment plant would provide primary and secondary treatment, thereby have a positive bearing on environment. Further, all projects will especially focus environmental considerations during construction and operational phases. Further green areas, trees and plantations will provide not only refreshing view but will enhance the environmental conditions and help climate stabilization.
- (iii) **Employment Opportunities:** The Project is likely to create employment opportunities for over 1,000 people during construction and about 500 people at operational stage in addition to indirect employment generation.
- (iv) **Improvement in Service Delivery of Water Supply:** Replacement of water supply system would improve the water quality for the target population, thus will help to improve public health index.
- (v) **Provision of Parking Facility for Solid Waste Management Vehicles:** The biggest problem of the solid waste machinery is non-availability of parking, which would have the bearing on the useful life of vehicles, as sheds would provide effective protection to the vehicles against the solar radiation and ultraviolet rays, rain, hail, wind, and dust, thereby slowing down the deterioration of vehicles and reducing the cost of maintenance.
- (vi) **Rehabilitation of Parks - Creation of Social Hub in the Locality:** These projects will provide a recreational facility to the residents of the catchment area of respective parks thus improve the visitors count of the parks and create social harmony and extended connectivity in the people.

- (vii) **Saving in Fuel Consumption and Improved Connectivity** - Rehabilitation of roads infrastructure would not only improve the service delivery level of the municipal services but also result in few road accidents, potential savings in travelling and repair cost of the vehicles, reduction in annual maintenance charges of roads and parks. Moreover, better lit roads and streets would add to security of people travelling at night.
- (viii) **Generation of Business Opportunities:** Projects will open new corridors for small- and large-scale businesses right from the construction phase and onwards throughout the life of the Project.
- (ix) **Revenue Generation:** Local government is estimated to generate direct and indirect revenue from the projects.

1.2. Quantitative Assessment of the Project

Various basis has been used, primarily relying on the results of the financial model which has been developed to conduct the financial analysis that assesses the viability and sustainability of this Project. Free Cash Flows (FCF) of the Project have been used to determine the key financial indicators of the projects.

Using the free cash flow model, given below are the key financial indicators for project appraisal:

- (i) **Net Present Value (NPV)** of the projects is calculated which represents in present value terms the net benefit that accrues from the Project after meeting its capital cost requirements as well as the cost of operations and other expenditures.
- (ii) **Financial Internal rate of return (FIRR)** of the projects is calculated While representing an average return and its comparison with the required rate of return, which is taken as KIBOR rate
- (iii) **Payback period** of the Project is estimated duly incorporating construction and operational period over the useful life of asset.
- (iv) **Cost benefit analysis** of the projects is made to determine the ratio of cumulative benefits versus cumulative cost of each project over its useful life.

1.3. Annual Financial Projections

The annual financial projection of Municipal Committee Wazirabad is given below:

Table 6: Financial Projections

Year	2023-24		2024-25		2025-26	
Category	Total Capital Rs. (Million)	Total O&M Rs. (Millions)	Total Capital Rs. (Million)	Total O&M Rs. (Millions)	Total Capital Rs. (Million)	Total O&M Rs. (Millions)
Water Supply	1,143.35	30.44	300.00	44.29	-	44.29
Sewerage	450.00	-	450.00	22.50	-	22.50
Slaughterhouse	-	-	4.40	0.11	-	0.11
Streetlights	-	-	-	-	11.38	0.28
Parks	-	-	-	-	5.25	0.13
Buildings	300.00	1.50	-	1.50	-	1.50
Roads	200.89	10.04	-	10.04	-	10.04
Total	2,094.24	41.98	754.40	78.44	16.63	78.86

Capital cost of the projects incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.

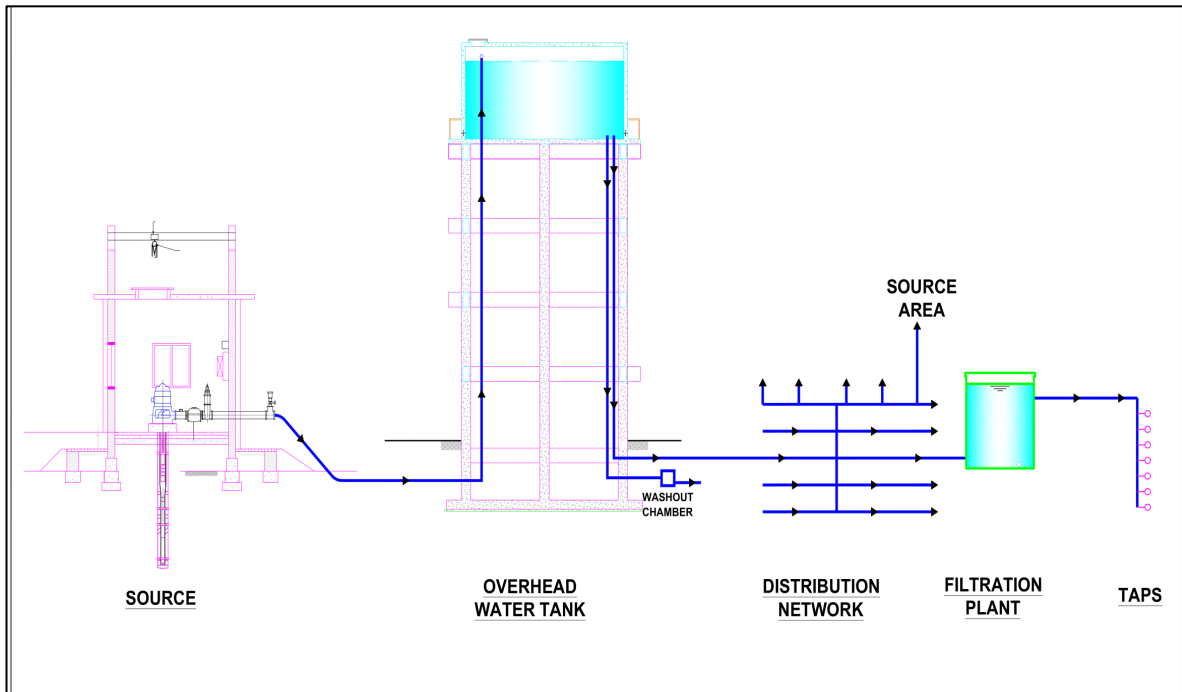
Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.

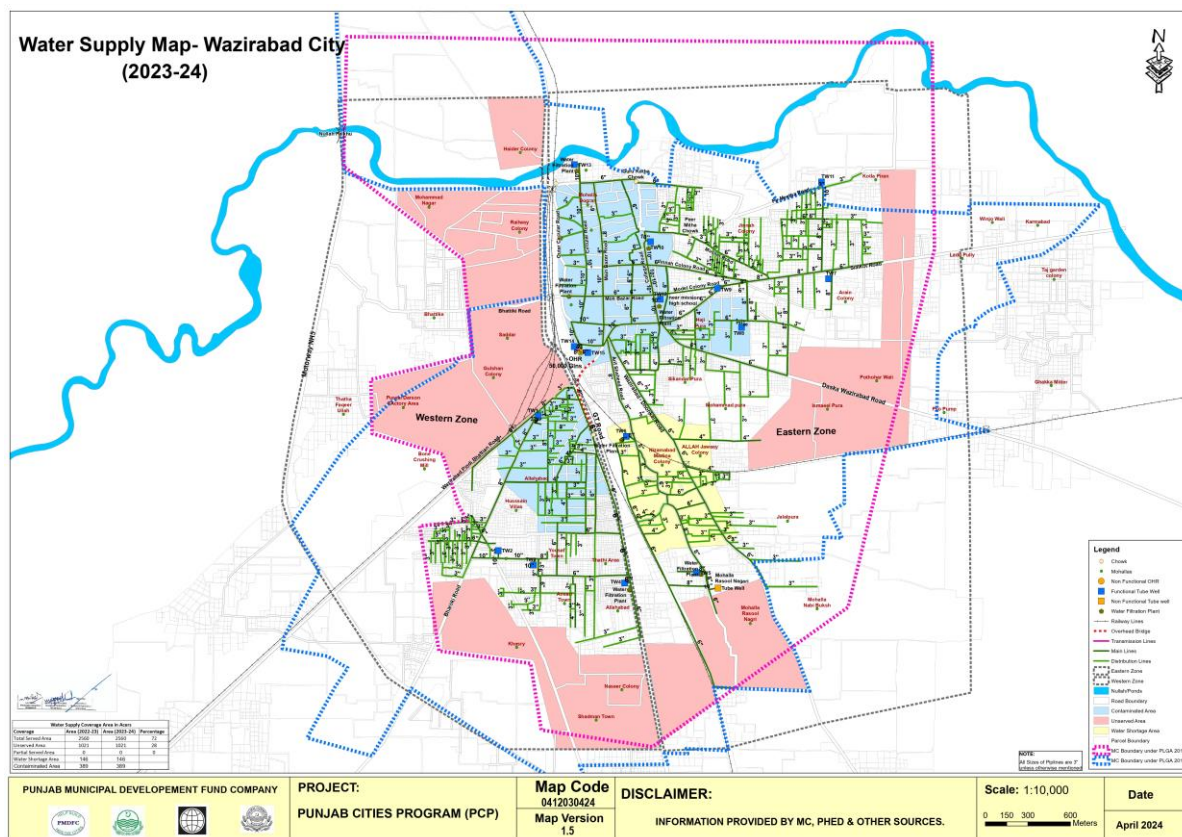
Annexure

Annexure A. Detail of Assets

1. Water Supply:

a. Components of Water Supply System









A. Tube well


Sr #	Name	Age (Years)		Condition	Status	Book Value (PKR Million)	Discharge (cusec)	Pump Make	Motor Make	Motor hp
		Civil Structure	Pump							
1	Muhalla Sheran #01	43	30	Fair	Functional	0.4	1.5	KSB	Siemens	50
2	Muhalla Sheran #02	26	26	Fair	Functional	0.4	1	Beco	Siemens	40
3	Mission School	3	2	Good	Functional	13	2	KSB	Siemens	60
4	Guru Kotha	25	2	Fair	Functional	8	1	KSB	Siemens	50
5	Cheema Colony	12	12	Fair	Functional	1.4	1.5	Flowpak	Siemens	50
6	Zia e Madina CNG Sialkot Road	12	12	Fair	Functional	1.4	1.5	Flowpak	Siemens	50
7	Hawa Memorial Hospital /Public Health Office	12	2	Fair	Non-Functional	0	1.5	KSB	Siemens	50
8	Islamabad Morr	20	16	Fair	Functional	0.4	1	KSB	Siemens	30
9	Muhalla Rasool Nagar	3	3	Good	Non-Functional	11	2	KSB	Siemens	60
10	Mian Nizamabad Phatak	34	3	Fair	Functional	5	1.5	KSB	Siemens	40
11	Darson Factory	34	34	Poor	Functional	0.4	1	KSB	Siemens	25
12	Thathi Araiyan	12	12	Poor	Abandoned	0.4	1.5	Flowpak	Siemens	
13	Basti Qudratabad	12	12	Fair	Functional	0.8	1.5	Flowpak	Siemens	50
14	Spall nagar/Ham d Nagar Road	43	30	Fair	Functional	1.1	1.5	KSB	Siemens	50
15	Lala Zar Colonu	27	3	Fair	Functional	3.4	1.5	KSB	Siemens	50

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1		Tube Well Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Asset Detail				Pictures	
Name		Mohallah Sherro #1			
Location	Latitude	32.439557			
	Longitude	74.113853			
Address		Mohallah Sheron, Wazirabad			
Area (Kanal/Acres/Marla)		1 Marla			
Working Status		Functional		Non- Functional	
Installation Year of Tube Well		1980			
Installation Year of Pump		1993			
Capital Cost of Machinery					
Operational Hours		8			
Delivery Pipe	Dia	6			
	Material	MS			
Chlorinator		Yes		No	
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		Yes		No	
Hoisting Girder		Yes		No	
Civil Structure Condition		Good	Fair	Bad	
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		KSB			
Discharge Capacity (Cusec)		1.5			
Rotational Speed (RPM)		1470			
Housing Dia (inches)		12			
Bore Depth (ft.)		450			
Head (ft.)		200			
Impeller Installation Depth (ft.)		80			
Paint of Pumping Unit		Good	Fair	Poor	
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes		No	
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		50			
Sanctioned Load (Kwh)		39			
Motor Power (HP)		40			
Motor Make		Siemens			
MCU		Yes		No	
Earthing of Motor		Yes		No	
Power Wiring		Yes		No	
Service Cable		Yes		No	








Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
No remarks					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1		Tube Well Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Asset Detail				Pictures	
Name		Mohalla Sherro #02			
Location	Latitude	32.430445			
	Longitude	74.113806			
Address		Mohallah Sheron, Wazirabad			
Area (Kanal/Acres/Marla)		1 Marla			
Working Status		Functional		Non- Functional	
Installation Year of Tube Well		1997			
Installation Year of Pump		1997			
Capital Cost of Machinery					
Operational Hours		8			
Delivery Pipe	Dia	6"			
	Material	MS			
Chlorinator		Yes		No	
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		Yes		No	
Hoisting Girder		Yes		No	
Civil Structure Condition		Good	Fair	Bad	
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		BECO			
Discharge Capacity (Cusec)		1			
Rotational Speed (RPM)		1470			
Housing Dia (inches)		12			
Bore Depth (ft.)		450			
Head (ft.)		150			
Impeller Installation Depth (ft.)		80			
Paint of Pumping Unit		Good	Fair	Poor	
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes	No		
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		50			
Sanctioned Load (Kwh)		30			
Motor Power (HP)		40			
Motor Make		Siemens			
MCU		Yes		No	
Earthing of Motor		Yes		No	
Power Wiring		Yes		No	
Service Cable		Yes		No	



Wazirabad, Punjab, Pakistan
C4Q7+WC8, Circular Rd, Mohallah Sheru Wazirabad
Gujranwala, Punjab, Pakistan
Lat 32.439445°
Long 74.113806°
09/05/23 01:11 PM GMT +05:00






Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
No remarks					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Wazirabad				
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023
Asset Detail			Pictures	
Name	Mission High School			
Location	Latitude	32.441718		
	Longitude	74.119938		
Address	College Road, Wazirabad			
Area (Kanal/Acres/Marla)	1 Marla			
Working Status	Functional	Non- Functional		
Installation Year of Tube Well	2020			
Installation Year of Pump	2020			
Capital Cost of Machinery				
Operational Hours	8			
Delivery Pipe	Dia	8		
	Material	MS		
Chlorinator	Yes	No		
Chlorination Schedule	Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House	Yes	No		
Hoisting Girder	Yes	No		
Civil Structure Condition	Good	Fair	Bad	
Approach to Pump House	Good	Fair	Bad	
Pump Details				
Pump Type	Turbine			
Pump Make	KSB			
Discharge Capacity (Cusec)	2			
Rotational Speed (RPM)	1475			
Housing Dia (inches)	12			
Bore Depth (ft.)	500			
Head (ft.)	150			
Impeller Installation Depth (ft.)	80			
Paint of Pumping Unit	Good	Fair	Poor	
Number of Valves	Gate Valve	1		
	Non-Returning Valve	1		
Base Plate	Yes	No		
Electro-Mechanical Equipment Details				
Transformer Capacity (kVA)	100			
Sanctioned Load (Kwh)	45			
Motor Power (HP)	60			
Motor Make	Siemens			
MCU	Yes	No		
Earthing of Motor	Yes	No		
Power Wiring	Yes	No		
Service Cable	Yes	No		



Wazirabad, Punjab, Pakistan
 04RC+H47, Sialkot Wazirabad Rd, Wazirabad,
 Gujranwala, Punjab, Pakistan
 Lat 32.441718°
 Long 74.119938°
 09/05/23 01:22 PM GMT +05:00



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
No remarks					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1		Tube Well Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Asset Detail				Pictures	
Name		Guru Kottha			
Location	Latitude	32.445404			
	Longitude	74.118963			
Address		College Road, Wazirabad			
Area (Kanal/Acres/Marla)		1 Marla			
Working Status		Functional	Non- Functional		
Installation Year of Tube Well		1998			
Installation Year of Pump		2020			
Capital Cost of Machinery					
Operational Hours		8			
Delivery Pipe	Dia	6			
	Material	MS			
Chlorinator		Yes	No		
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		Yes	No		
Hoisting Girder		Yes	No		
Civil Structure Condition		Good	Fair	Bad	
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		KSB			
Discharge Capacity (Cusec)		1.5			
Rotational Speed (RPM)		1470			
Housing Dia (inches)		12			
Bore Depth (ft.)		450			
Head (ft.)		150			
Impeller Installation Depth (ft.)		80			
Paint of Pumping Unit		Good	Fair	Poor	
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes	No		
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		50			
Sanctioned Load (Kwh)		30			
Motor Power (HP)		40			
Motor Make		Siemens			
MCU		Yes	No		
Earthing of Motor		Yes	No		
Power Wiring		Yes	No		
Service Cable		Yes	No		



Wazirabad, Punjab, Pakistan
C4W9+4JJ M.C. High School, Wazirabad, Gujranwala, Punjab, Pakistan
Lat 32.445404°
Long 74.118963°
09/05/23 01:43 PM GMT +05:00







Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
No remarks					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1		Tube Well Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Asset Detail				Pictures	
Name		Cheema Colony			
Location	Latitude	32.445404			
	Longitude	74.118963			
Address		Cheema Colony, Wazirabad			
Area (Kanal/Acres/Marla)		1 Marla			
Working Status		Functional		Non- Functional	
Installation Year of Tube Well		2011			
Installation Year of Pump		2011			
Capital Cost of Machinery					
Operational Hours		8			
Delivery Pipe	Dia	8			
	Material	MS			
Chlorinator		Yes		No	
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		Yes		No	
Hoisting Girder		Yes		No	
Civil Structure Condition		Good	Fair	Bad	
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		Plowpak			
Discharge Capacity (Cusec)		1.5			
Rotational Speed (RPM)		1475			
Housing Dia (inches)		12			
Bore Depth (ft.)		450			
Head (ft.)		150			
Impeller Installation Depth (ft.)		80			
Paint of Pumping Unit		Good	Fair	Poor	
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes		No	
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		50			
Sanctioned Load (Kwh)		37.4			
Motor Power (HP)		50			
Motor Make		Siemens			
MCU		Yes		No	
Earthing of Motor		Yes		No	
Power Wiring		Yes		No	
Service Cable		Yes		No	




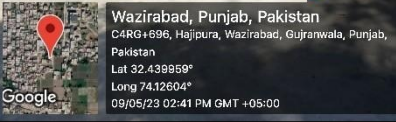




Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
No remarks					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	




Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1		Tube Well Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Asset Detail				Pictures	
Name		Zia-e-Madina CNG			
Location	Latitude	32.443339			
	Longitude	74.132965			
Address		Sialkot Road, Wazirabad			
Area (Kanal/Acres/Marla)		1 Marla			
Working Status		Functional		Non- Functional	
Installation Year of Tube Well		2011			
Installation Year of Pump		2011			
Capital Cost of Machinery					
Operational Hours		30-40 hr/month			
Delivery Pipe	Dia	8			
	Material	MS			
Chlorinator		Yes		No	
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		Yes		No	
Hoisting Girder		Yes		No	
Civil Structure Condition		Good	Fair	Bad	
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		Flow Pak			
Discharge Capacity (Cusec)		1.5			
Rotational Speed (RPM)		1475			
Housing Dia (inches)		12			
Bore Depth (ft.)		450			
Head (ft.)		150			
Impeller Installation Depth (ft.)		80			
Paint of Pumping Unit		Good	Fair	Poor	
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes		No	
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		50			
Sanctioned Load (Kwh)		38			
Motor Power (HP)		50			
Motor Make		Siemens			
MCU		Yes		No	
Earthing of Motor		Yes		No	
Power Wiring		Yes		No	
Service Cable		Yes		No	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> It was a functional tube well used as an alternative of Cheema colony in case of light or voltage issues. 					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1		Tube Well Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Asset Detail				Pictures	
Name		Hawa Memorial Hospital			
Location	Latitude	32.439959			
	Longitude	74.12604			
Address		Public Health Office, Wazirabad			
Area (Kanal/Acres/Marla)		1 Marla			
Working Status		Functional <input type="checkbox"/> Non- Functional <input checked="" type="checkbox"/>			
Installation Year of Tube Well		2011			
Installation Year of Pump		2020			
Capital Cost of Machinery					
Operational Hours		-			
Delivery Pipe	Dia	8			
	Material	MS			
Chlorinator		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Chlorination Schedule		Once in a Year <input type="checkbox"/>	After 6 Months <input type="checkbox"/>	No Schedule <input type="checkbox"/>	
Apron Around Pump House		Yes <input type="checkbox"/>		No <input checked="" type="checkbox"/>	
Hoisting Girder		Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>	
Civil Structure Condition		Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	
Approach to Pump House		Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Bad <input type="checkbox"/>	
Pump Details					
Pump Type		Turbine			
Pump Make		KSB			
Discharge Capacity (Cusec)		1.5			
Rotational Speed (RPM)		1470			
Housing Dia (inches)		12			
Bore Depth (ft.)		450			
Head (ft.)		150			
Impeller Installation Depth (ft.)		80			
Paint of Pumping Unit		Good <input checked="" type="checkbox"/>	Fair <input type="checkbox"/>	Poor <input type="checkbox"/>	
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>	
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		50			
Sanctioned Load (Kwh)		38			
Motor Power (HP)		40			
Motor Make		Siemens			
MCU		Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>	
Earthing of Motor		Yes <input type="checkbox"/>		No <input checked="" type="checkbox"/>	
Power Wiring		Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>	
Service Cable		Yes <input checked="" type="checkbox"/>		No <input type="checkbox"/>	









Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> • New motor was installed and in good condition. • It was non-functional because of bore sand flow. 					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	




Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Wazirabad				
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023
Asset Detail			Pictures	
Name		Islamabad More		
Location	Latitude	32.442461		
	Longitude	74.12448		
Address		Islamabad More, Wazirabad		
Area (Kanal/Acres/Marla)		1 Marla		
Working Status		Functional	Non- Functional	
Installation Year of Tube Well		2003		
Installation Year of Pump		2007		
Capital Cost of Machinery				
Operational Hours		8		
Delivery Pipe	Dia	6		
	Material	MS		
Chlorinator		Yes	No	
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule
Apron Around Pump House		Yes	No	
Hoisting Girder		Yes	No	
Civil Structure Condition		Good	Fair	Bad
Approach to Pump House		Good	Fair	Bad
Pump Details				
Pump Type		Turbine		
Pump Make		KSB		
Discharge Capacity (Cusec)		1		
Rotational Speed (RPM)		1465		
Housing Dia (inches)		12"		
Bore Depth (ft.)		450		
Head (ft.)		180		
Impeller Installation Depth (ft.)		80		
Paint of Pumping Unit		Good	Fair	Poor
Number of Valves	Gate Valve	1		
	Non-Returning Valve	1		
Base Plate		Yes	No	
Electro-Mechanical Equipment Details				
Transformer Capacity (kVA)		50		
Sanctioned Load (Kwh)		29.84		
Motor Power (HP)		30		
Motor Make		Siemens		
MCU		Yes	No	
Earthing of Motor		Yes	No	
Power Wiring		Yes	No	
Service Cable		Yes	No	

Wazirabad, Punjab, Pakistan
CAVF+3R6, Wazirabad, Gujranwala, Punjab, Pakistan
Lat 32.442641°
Long 74.12448°
09/05/23 02:49 PM GMT +05:00




Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
No remarks					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1		Tube Well Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Asset Detail				Pictures	
Name		Mohallah Rasool Nagar			
Location	Latitude	32.424611			
	Longitude	74.125258			
Address		Near Mohallah Saithan, Wazirabad			
Area (Kanal/Acres/Marla)		1 Marla			
Working Status		Functional		Non- Functional	
Installation Year of Tube Well		2020			
Installation Year of Pump		2020			
Capital Cost of Machinery					
Operational Hours		-			
Delivery Pipe	Dia	8			
	Material	MS			
Chlorinator		Yes		No	
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		Yes		No	
Hoisting Girder		Yes		No	
Civil Structure Condition		Good	Fair	Bad	
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		KSB			
Discharge Capacity (Cusec)		2			
Rotational Speed (RPM)		1475			
Housing Dia (inches)		12			
Bore Depth (ft.)		500			
Head (ft.)		150			
Impeller Installation Depth (ft.)		80			
Paint of Pumping Unit		Good			
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes		No	
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		100			
Sanctioned Load (Kwh)		45			
Motor Power (HP)		60			
Motor Make		Siemens			
MCU		Yes		No	
Earthing of Motor		Yes		No	
Power Wiring		Yes		No	

GPS Map Camera
Wazirabad, Punjab, Pakistan
C46G+499, Dhaunkai Road, mohala barikat pura
Wazirabad, Gujranwala, Punjab, Pakistan
Lat 32.424611°
Long 74.125258°
09/05/23 03:13 PM GMT +05:00

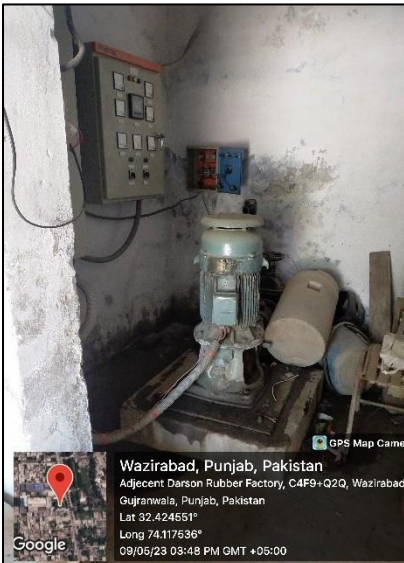
Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Service Cable	Yes	No			
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> This Tube well was made in replacement of Mohallah Saithan because water test failed there. Temporary Closed due to Sewerage Line issues. 					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1		Tube Well Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Asset Detail				Pictures	
Name		Nizamabad Phattak			
Location	Latitude	32.433178			
	Longitude	74.118005			
Address		Nizamabad Phattak, Wazirabad			
Area (Kanal/Acres/Marla)		1 Marla			
Working Status		Functional		Non- Functional	
Installation Year of Tube Well		1989			
Installation Year of Pump		2020			
Capital Cost of Machinery					
Operational Hours		8			
Delivery Pipe	Dia	6			
	Material	MS			
Chlorinator		Yes		No	
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		Yes		No	
Hoisting Girder		Yes		No	
Civil Structure Condition		Good	Fair	Bad	
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		KSB			
Discharge Capacity (Cusec)		1.5			
Rotational Speed (RPM)		1470			
Housing Dia (inches)		12			
Bore Depth (ft.)		450			
Head (ft.)		150			
Impeller Installation Depth (ft.)		80			
Paint of Pumping Unit		Good	Fair	Poor	
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes		No	
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		50			
Sanctioned Load (Kwh)		38			
Motor Power (HP)		40			
Motor Make		Siemens			
MCU		Yes		No	
Earthing of Motor		Yes		No	
Power Wiring		Yes		No	
Service Cable		Yes		No	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
No remarks					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1		Tube Well Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Asset Detail				Pictures	
Name		Allaahabad			
Location	Latitude	32.424551			
	Longitude	74.117536			
Address		Adjacent Darson Factory, Wazirabad			
Area (Kanal/Acres/Marla)		1 Marla			
Working Status		Functional		Non- Functional	
Installation Year of Tube Well		1989			
Installation Year of Pump		1989			
Capital Cost of Machinery					
Operational Hours		8			
Delivery Pipe	Dia	8			
	Material	MS			
Chlorinator		Yes		No	
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		Yes		No	
Hoisting Girder		Yes		No	
Civil Structure Condition		Good	Fair	Bad	
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		KSB			
Discharge Capacity (Cusec)		1			
Rotational Speed (RPM)		1460			
Housing Dia (inches)		12			
Bore Depth (ft.)		450			
Head (ft.)		150			
Impeller Installation Depth (ft.)		80			
Paint of Pumping Unit		Good	Fair	Poor	
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes		No	
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		50			
Sanctioned Load (Kwh)		19			
Motor Power (HP)		25			
Motor Make		Siemens			
MCU		Yes		No	
Earthing of Motor		Yes		No	
Power Wiring		Yes		No	



GPS Map Camera


Wazirabad, Punjab, Pakistan



Adjacent Darson Rubber Factory, C4F9+Q2Q, Wazirabad, Gujranwala, Punjab, Pakistan

Lat 32.424551°




Long 74.117536°



09/05/23 03:48 PM GMT +05:00



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Service Cable	Yes	No			
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
No remarks					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1		Tube Well Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Asset Detail				Pictures	
Name		Thatthi Araian			
Location	Latitude	32.424987			
	Longitude	74.110831			
Address		Thatthi Araian, Wazirabad			
Area (Kanal/Acres/Marla)		1 Marla			
Working Status		Functional	Non- Functional		
Installation Year of Tube Well		2011			
Installation Year of Pump		2011			
Capital Cost of Machinery					
Operational Hours		-			
Delivery Pipe	Dia	8			
	Material	MS			
Chlorinator		Yes	No		
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		Yes	No		
Hoisting Girder		Yes	No		
Civil Structure Condition		Good	Fair	Bad	
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		Flow Pak			
Discharge Capacity (Cusec)		1.5			
Rotational Speed (RPM)		1475			
Housing Dia (inches)		12			
Bore Depth (ft.)		450			
Head (ft.)		150			
Impeller Installation Depth (ft.)		80			
Paint of Pumping Unit		Good	Fair	Poor	
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes	No		
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		50			
Sanctioned Load (Kwh)		37			
Motor Power (HP)		50			
Motor Make		Siemens			
MCU		Yes	No		
Earthing of Motor		Yes	No		
Power Wiring		Yes	No		
Service Cable		Yes	No		







Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> Power Cable issue i.e. there was no cable from transformer to motor. 					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	


Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1		Tube Well Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Asset Detail				Pictures	
Name		Qudratabad			
Location	Latitude	32.425414			
	Longitude	74.107973			
Address		Basti Qudratabad, Wazirabad			
Area (Kanal/Acres/Marla)		1 Marla			
Working Status		Functional		Non- Functional	
Installation Year of Tube Well		2011			
Installation Year of Pump		2011			
Capital Cost of Machinery					
Operational Hours		8			
Delivery Pipe	Dia	8			
	Material	MS			
Chlorinator		Yes		No	
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		Yes		No	
Hoisting Girder		Yes		No	
Civil Structure Condition		Good	Fair	Bad	
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		Flow Pak			
Discharge Capacity (Cusec)		1.5			
Rotational Speed (RPM)		1475			
Housing Dia (inches)		12			
Bore Depth (ft.)		450			
Head (ft.)		150			
Impeller Installation Depth (ft.)		80			
Paint of Pumping Unit		Good	Fair	Poor	
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes		No	
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		50			
Sanctioned Load (Kwh)		37.4			
Motor Power (HP)		50			
Motor Make		Siemens			
MCU		Yes		No	
Earthing of Motor		Yes		No	
Power Wiring		Yes		No	
Service Cable		Yes		No	





Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
No remarks					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1		Tube Well Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Asset Detail				Pictures	
Name		Spall Colony			
Location	Latitude	32.434547			
	Longitude	74.11104			
Address		Jafariya Colony, Wazirabad			
Area (Kanal/Acres/Marla)		1 Marla			
Working Status		Functional	Non- Functional		
Installation Year of Tube Well		1989			
Installation Year of Pump		1993			
Capital Cost of Machinery					
Operational Hours		8			
Delivery Pipe	Dia	6			
	Material	MS			
Chlorinator		Yes	No		
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		Yes	No		
Hoisting Girder		Yes	No		
Civil Structure Condition		Good	Fair	Bad	
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		KSB			
Discharge Capacity (Cusec)		1.5			
Rotational Speed (RPM)		1470			
Housing Dia (inches)		12			
Bore Depth (ft.)		450			
Head (ft.)		150			
Impeller Installation Depth (ft.)		80			
Paint of Pumping Unit		Good	Fair	Poor	
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes	No		
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		50			
Sanctioned Load (Kwh)		29.84			
Motor Power (HP)		40			
Motor Make		Siemens			
MCU		Yes	No		
Earthing of Motor		Yes	No		
Power Wiring		Yes	No		
Service Cable		Yes	No		





GPS Map Camera

Wazirabad, Punjab, Pakistan
C4M8+RCC, Bharoke Cheema Rd., Jafariyah Colony Jafria Colony, Wazirabad, Gujranwala, Punjab, Pakistan
Lat 32.434547°
Long 74.11104°
09/05/23 04:13 PM GMT +05:00

Google







Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
No remarks					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Wazirabad				
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023
Asset Detail			Pictures	
Name	Lalazar Colony			
Location	Latitude	32.450438		
	Longitude	74.113861		
Address	Lalazar Colony, Wazirabad			
Area (Kanal/Acres/Marla)	1 Marla			
Working Status	Functional	Non- Functional		
Installation Year of Tube Well	1996			
Installation Year of Pump	2020			
Capital Cost of Machinery				
Operational Hours	8			
Delivery	Dia	6		
Pipe	Material	MS		
Chlorinator	Yes	No		
Chlorination Schedule	Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House	Yes	No		
Hoisting Girder	Yes	No		
Civil Structure Condition	Good	Fair	Bad	
Approach to Pump House	Good	Fair	Bad	
Pump Details				
Pump Type	Turbine			
Pump Make	KSB			
Discharge Capacity (Cusec)	1.5			
Rotational Speed (RPM)	1470			
Housing Dia (inches)	12			
Bore Depth (ft.)	500			
Head (ft.)	150			
Impeller Installation Depth (ft.)	80			
Paint of Pumping Unit	Good	Fair	Poor	
Number of Valves	Gate Valve	1		
	Non-Returning Valve	1		
Base Plate	Yes	No		
Electro-Mechanical Equipment Details				
Transformer Capacity (kVA)	50			
Sanctioned Load (Kwh)	31			
Motor Power (HP)	50			
Motor Make	Siemens			
MCU	Yes	No		
Earthing of Motor	Yes	No		
Power Wiring	Yes	No		
Service Cable	Yes	No		

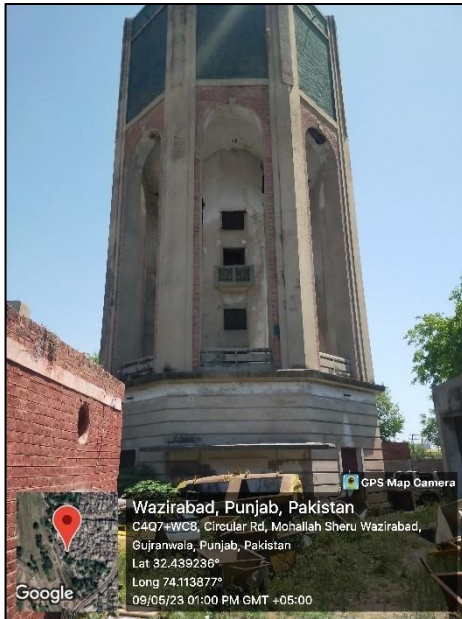






Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	Yes	No			
Change Over	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> • New Bore and Motor was outside the pump house. • Control Panel and PFI equipment were inside the pump house. 					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	

C. OHR

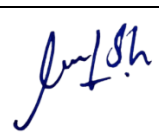

Sr #	Name	Age (Years)	Condition	Status	Book Value (PKR Million)	Capacity
1	Muhalla Sheran	43 (1980)	Poor	Non-Functional	0	50,000

Integrated Development And Asset Management Plan (IDAMP)									
Municipal Committee Wazirabad									
Form: IDAMP-A2		Over Head Reservoir Asset Condition Assessment				Asset Code: _____ Date: 09-05-2023			
Name		Mohallah Sherro				Pictures			
Location	Latitude	32.439236							
	Longitude	74.113877							
Address		Mohallah Sheru, Wazirabad							
Year of Construction		1980							
Capacity (UK Gallons)		50,000							
Cleaning Frequency (Per Year)									
Type of Structure		Masonry							
Structure Condition		Good	Fair	Poor					
Tank Conditions		Good	Fair	Poor					
Number of Valves	Sluice Valve	4							
	Non-Returning Valve	1							
Working Status		Functional		Non-Functional					
Rising Main	Dia	10							
	Material	MS							
Delivery Main	Dia	8							
	Material	MS							
Overflow & Scour Pipe	Dia	6							
	Material	MS							
Sluice Valve	Rising Main	Yes	No						
	Delivery Main	Yes	No						
	Scour Pipe	Yes	No						
	Overflow Pipe	Yes	No						
Stair Case		Yes	No						
Apron Around OHR		Yes	No						
Tank Top Railing		Yes	No						
Top Indication Light		Yes	No						
Lightening Arrester		Yes	No						
Boundary Wall & Gate		Yes	No						
Overflow Disposal Arrangements		Yes	No						
Approach to OHR		Good	Fair	Bad					
Overall Rating									
Average Score	1	2	3	4	5				
Asset Condition	Excellent	Good	Fair	Poor	Failing				
Category	A	B	C	D	E				
Remarks / Requirements									

Data Collected By:	Designation:	 Sign & Date: 30 May 2023
Data Checked By:	Designation:	 Sign & Date: 30 May 2023

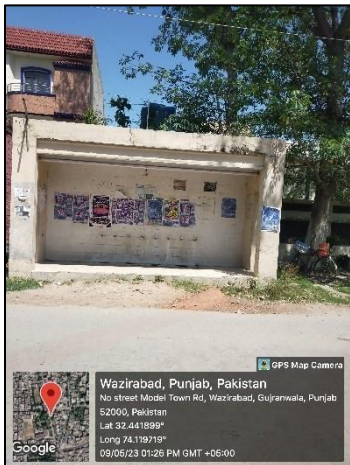


C. Water Supply Network


Sr #	Dia	Length (meter)	Age (Years)	Condition	Book Value (PKR Million)	Material
1	3"	38631	45	Failing	0	AC/UPVC
2	4"	4074	45	Failing	0	
3	6"	20511	45	Failing	0	
4	8"	7583	45	Failing	0	
5	10"	3814	45	Failing	0	

Integrated Development And Asset Management Plan (IDAMP)				
Municipal Committee Wazirabad				
Form: IDAMP-A5	Water Supply Network Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Description	Area (Acres)		Percentage	
Served Area	2560		72	
Contaminated Area	389		-	
Water Shortage Area	146		-	
Unserved Area	1021		28	
Latest water quality analysis carried out for community network?		Yes	No	
If yes, which lab and parameters?		Not-Available		
Findings of water quality analysis?		Not-Available		
In case of any parameter above the permissible limit of PEQSS, which steps are taken to provide safe drinking water to the consumers?		Not-Available		
Any complaints of water contamination received from the consumers?		Yes	No	
If yes, which steps were taken to resolve the complaints?		There were 6 complaints regarding water leakage and contamination. They are still in process		
Pipe Dia (inches)	Pipe Material	Length (km)	Year of Laying	Age of Pipe
3	AC/UPVC	38.631	1978	45
4	AC/UPVC	4.074	1978	45
6	AC/UPVC	20.511	1978	45
8	AC/UPVC	7.583	1978	45
10	AC/UPVC	3.814	1978	45
Remarks / Requirements				
No remarks				
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023

D. Filtration Plant

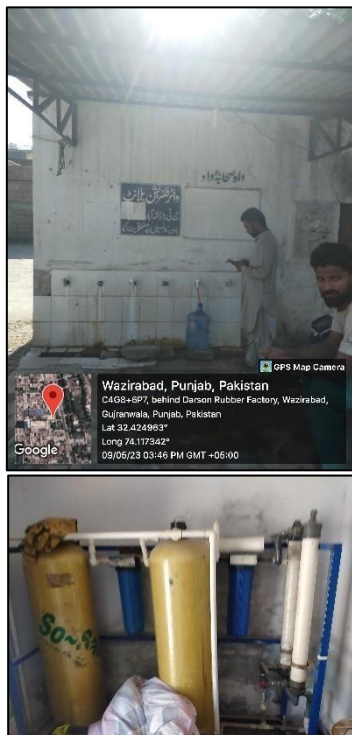
Sr #	Name	Age (Years)	Condition	Status	Book Value (PKR Million)	Type	Filtration Capacity (Liters/hour)
1	Mission School FP	18	Fair	Functional	1.4	UV	2000
2	Guru Kotha	18	Good	Functional	1.4	UV	2000
3	Darson Factory	18	Fair	Functional	1.1	RO	1000
4	Lala zar Colony	18	Fair	Functional	1.1	RO	1000
5	City Police Station	18	Fair	Functional	1.1	RO	1000
6	Kareem Pura Mohalla	18	Good	Functional	1.1	RO	1000



Integrated Development And Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A4		Water Filtration Plant Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Name		Mission High School		Pictures	
Location	Latitude	32.441899		 	
	Longitude	74.119719			
Address		Mission High School, Wazirabad			
Installation Year		2005			
Installing Agency		MC			
O&M Agency		MC			
Filtration Capacity (Liter/Hour)		2,000			
Operational Hours		14			
No. of Taps		8			
Effluent Test (If Available)		Not-Available			
Latest water quality analysis carried out?		Not-Available			
If yes, which lab and parameters?		Not-Available			
Findings of water quality analysis?		Not-Available			
In case of any parameter above the permissible limit, which steps are taken to provide safe water?		Not-Available			
Plant Type		RO	UV		
Source of Water		Local Tube Well	Public Water Supply		
Working Status		Functional	Non-Functional		
Pumping Unit		Yes	No		
Control Panel		Yes	No		
Service Cable		Yes	No		
Ultraviolet Lamp		Yes	No		
Takeaway Hall Condition		Good	Fair	Poor	
Building Structure Condition		Good	Fair	Poor	
Approach to Pump House		Good	Fair	Poor	
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> There was no Pumping Unit so water is direct from tube well. 					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	




Data Checked By: Mr. M. Fiaz	Designation: Team Lead	 Sign & Date: 30 May 2023
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Integrated Development And Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A4		Water Filtration Plant Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Name		Guru Kottha		Pictures	
Location	Latitude	32.445546		  	
	Longitude	74.118708			
Address		College Road, Wazirabad			
Installation Year		2005			
Installing Agency		MC			
O&M Agency		MC			
Filtration Capacity (Liter/Hour)		2,000			
Operational Hours		14			
No. of Taps		6			
Effluent Test (If Available)		Not-Available			
Latest water quality analysis carried out?		Not-Available			
If yes, which lab and parameters?		Not-Available			
Findings of water quality analysis?		Not-Available			
In case of any parameter above the permissible limit, which steps are taken to provide safe water?		Not-Available			
Plant Type		RO	UV		
Source of Water		Local Tube Well	Public Water Supply		
Working Status		Functional	Non-Functional		
Pumping Unit		Yes	No		
Control Panel		Yes	No		
Service Cable		Yes	No		
Ultraviolet Lamp		Yes	No		
Takeaway Hall Condition		Good	Fair	Poor	
Building Structure Condition		Good	Fair	Poor	
Approach to Pump House		Good	Fair	Poor	
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> There was no Pumping Unit so water is direct from tube well. 					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead			



		Sign & Date: 30 May 2023
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Integrated Development And Asset Management Plan (IDAMP)							
Municipal Committee Wazirabad							
Form: IDAMP-A4		Water Filtration Plant Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023			
Name		Allaahabad		Pictures			
Location	Latitude	32.424963					
	Longitude	74.117342					
Address		Adjacent Darson Factory, Wazirabad					
Installation Year		2005					
Installing Agency		MC					
O&M Agency		MC					
Filtration Capacity (Liter/Hour)	2,000						
Operational Hours		8					
No. of Taps		6					
Effluent Test (If Available)		Not-Available					
Latest water quality analysis carried out?		Not-Available					
If yes, which lab and parameters?		Not-Available					
Findings of water quality analysis?		Not-Available					
In case of any parameter above the permissible limit, which steps are taken to provide safe water?		Not-Available					
Plant Type		RO	UV				
Source of Water		Local Tube Well	Public Water Supply				
Working Status		Functional	Non-Functional				
Pumping Unit		Yes	No				
Control Panel		Yes	No				
Service Cable		Yes	No				
Ultraviolet Lamp		Yes	No				
Takeaway Hall Condition		Good	Fair	Poor			
Building Structure Condition		Good	Fair	Poor			
Approach to Pump House		Good	Fair	Poor			
Overall Rating							
Average Score	1	2	3	4	5		
Asset Condition	Excellent	Good	Fair	Poor	Failing		
Category	A	B	C	D	E		
Remarks / Requirements							
<ul style="list-style-type: none"> There was no Pumping Unit so water is direct from tube well. 							


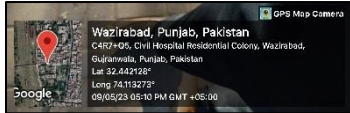

<i>Data Collected By: Mr. Abdullah</i>	<i>Designation: Team Member</i>	 <i>Sign & Date: 30 May 2023</i>
<i>Data Checked By: Mr. M. Fiaz</i>	<i>Designation: Team Lead</i>	 <i>Sign & Date: 30 May 2023</i>


Integrated Development And Asset Management Plan (IDAMP)							
Municipal Committee Wazirabad							
Form: IDAMP-A4		Water Filtration Plant Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023			
Name		Lalazar Colony		Pictures			
Location	Latitude	32.45045					
	Longitude	74.113895					
Address		Lalazar Colony, Wazirabad					
Installation Year		2005					
Installing Agency		MC					
O&M Agency		MC					
Filtration Capacity (Liter/Hour)	1,000						
Operational Hours		8					
No. of Taps		6					
Effluent Test (If Available)		Not-Available					
Latest water quality analysis carried out?		Not-Available					
If yes, which lab and parameters?		Not-Available					
Findings of water quality analysis?		Not-Available					
In case of any parameter above the permissible limit, which steps are taken to provide safe water?		Not-Available					
Plant Type		RO	UV				
Source of Water		Local Tube Well	Public Water Supply				
Working Status		Functional	Non-Functional				
Pumping Unit		Yes	No				
Control Panel		Yes	No				
Service Cable		Yes	No				
Ultraviolet Lamp		Yes	No				
Takeaway Hall Condition		Good	Fair			Poor	
Building Structure Condition		Good	Fair			Poor	
Approach to Pump House		Good	Fair			Poor	
Overall Rating							
Average Score	1	2	3	4	5		
Asset Condition	Excellent	Good	Fair	Poor	Failing		
Category	A	B	C	D	E		
Remarks / Requirements							
<ul style="list-style-type: none"> There was no Pumping Unit so water is direct from tube well. 							
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023			

Data Checked By: Mr. M. Fiaz	Designation: Team Lead	 Sign & Date: 30 May 2023
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Integrated Development And Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A4		Water Filtration Plant Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Name	City Police Station			 <p>Wazirabad, Punjab, Pakistan C4W7-833, Railway Rd, Main, Wazirabad, Gujranwala, Punjab, Pakistan Lat: 32.445935° Long: 74.112536° 09/05/23 06:05 PM GMT +05:00</p>	
Location	Latitude	32.445935			
	Longitude	74.112536			
Address	City Police Station, Wazirabad				
Installation Year	2005				
Installing Agency	MC				
O&M Agency	MC				
Filtration Capacity (Liter/Hour)	1,000				
Operational Hours	24				
No. of Taps	7				
Effluent Test (If Available)	Not-Available				
Latest water quality analysis carried out?	Not-Available				
If yes, which lab and parameters?	Not-Available				
Findings of water quality analysis?	Not-Available				
In case of any parameter above the permissible limit, which steps are taken to provide safe water?	Not-Available				
Plant Type	RO	UV			
Source of Water	Local Tube Well	Public Water Supply			
Working Status	Functional	Non-Functional			
Pumping Unit	Yes	No			
Control Panel	Yes	No			
Service Cable	Yes	No			
Ultraviolet Lamp	Yes	No			
Takeaway Hall Condition	Good	Fair	Poor		
Building Structure Condition	Good	Fair	Poor		
Approach to Pump House	Good	Fair	Poor		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> Water availability is 24 hours because of automatic switch. 					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	




Data Checked By: Mr. M. Fiaz	Designation: Team Lead	 Sign & Date: 30 May 2023
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Integrated Development And Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A4		Water Filtration Plant Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Name		Kareem Pura Mohallah		Pictures	
Location	Latitude	32.442128			
	Longitude	74.113273			
Address		Kareem Pura Mohallah			
Installation Year		2005			
Installing Agency		MC			
O&M Agency		MC			
Filtration Capacity (Liter/Hour)	1,000				
Operational Hours		24			
No. of Taps		5			
Effluent Test (If Available)		Not-Available			
Latest water quality analysis carried out?		Not-Available			
If yes, which lab and parameters?		Not-Available			
Findings of water quality analysis?		Not-Available			
In case of any parameter above the permissible limit, which steps are taken to provide safe water?		Not-Available			
Plant Type	RO	UV			
Source of Water	Local Tube Well	Public Water Supply			
Working Status	Functional	Non-Functional			
Pumping Unit	Yes	No			
Control Panel	Yes	No			
Service Cable	Yes	No			
Ultraviolet Lamp	Yes	No			
Takeaway Hall Condition	Good	Fair	Poor		
Building Structure Condition	Good	Fair	Poor		
Approach to Pump House	Good	Fair	Poor		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> Water availability is 24 hours because of automatic switch. 					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	

Data Checked By: Mr. M. Fiaz	Designation: Team Lead	 Sign & Date: 30 May 2023
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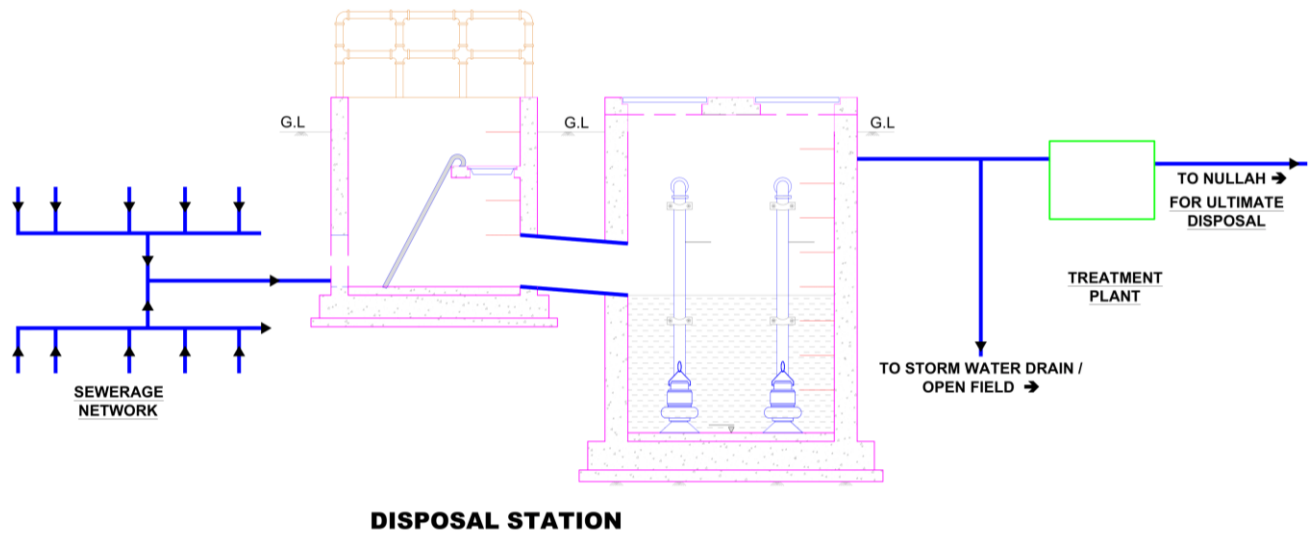
E. Vehicles/ Machinery

Sr #	Name	Registration Number	Age (Years)	Condition	Status	Book Value (PKR Million)	Capacity
1	Water Bowser-Millat	Not Available	12	Fair	Functional	1.33	50hp/500gallons

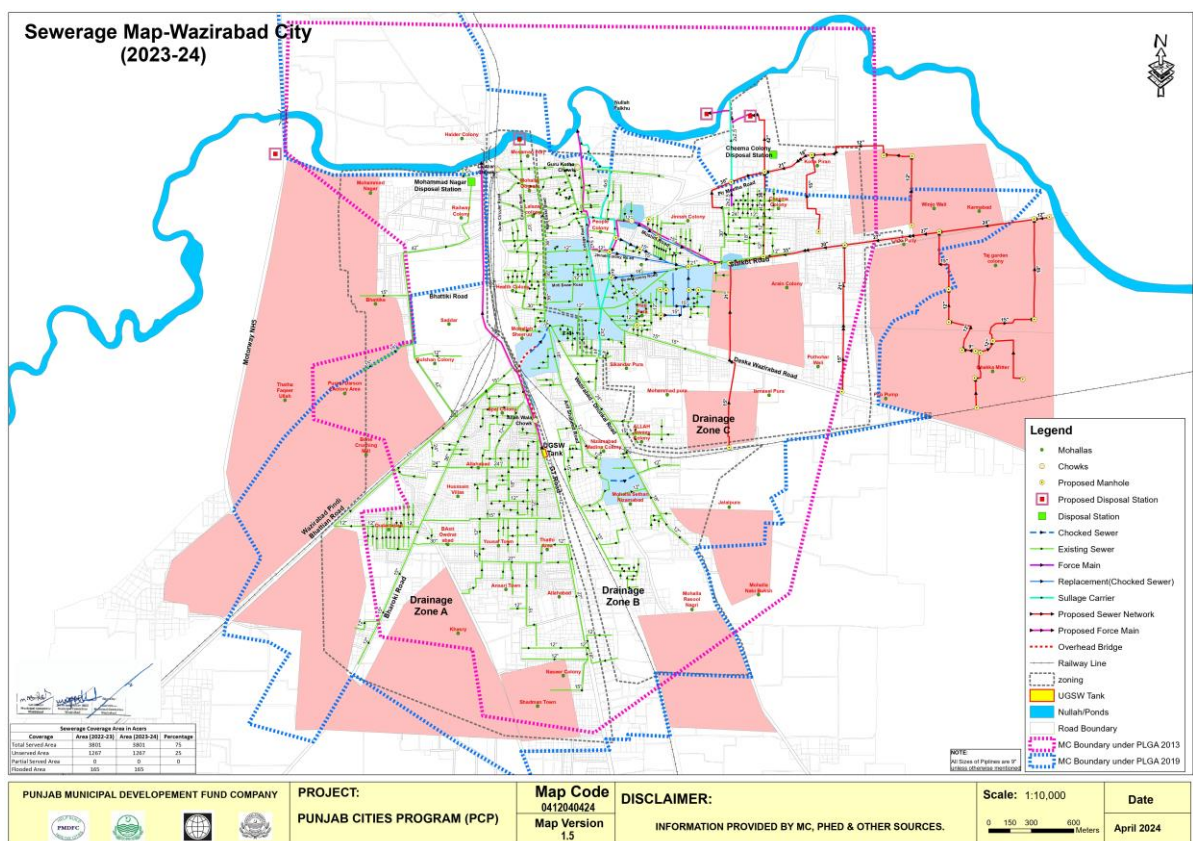
Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Type of Vehicle / Machinery			Pictures		
Water Bowser					
Model / Description					
Capacity	500 Gallons		500 Gallons		
Purpose	Water Supply		Water Supply		
Year of Manufacturing	2013		2011		
Model	MF 240		Not-Available		
Capital Cost					
Fuel Consumption	337 Liter/month		Not-Available		
Condition	Fair		Fair		
Engine Capacity	50 HP		50 Hp		
Maintenance Cost	15,000		Not-Available		
Oiling /Fitness	Yes		Yes		
Fitness Certificate	No		No		
Registered	Yes		Not-Available		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> Both the bowser are serviceable. 					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	

2. Sewerage:

a) Components of Sewerage System





b) Map of the Sewerage System



A. Sewerage Network

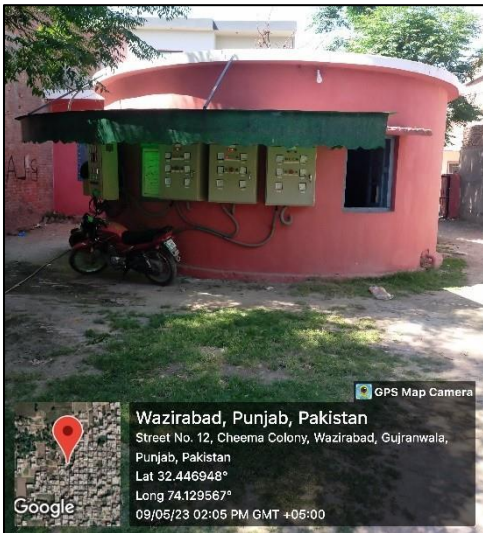
Sr #	Dia	Length (meter)	Age (Years)	Condition	Book Value (PKR Million)	Material
1	9"	41902	41	Failing	0	RCC
2	12"	11764	41	Failing	0	
3	15"	6777	41	Failing	0	
4	18"	1627	41	Failing	0	
5	21"	926	41	Failing	0	
6	24"	2314	41	Failing	0	
7	27"	1296	41	Failing	0	
8	30"	1655	41	Failing	0	
9	33"	1016	41	Failing	0	
10	36"	2258	41	Failing	0	
11	42"	2290	41	Failing	0	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A6	Sewerage Network Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Description	Area (Acres)		Percentage		
Served Area	3081		75		
Flooded Area	165		-		
Unserved Area	1267		25		
Type and number of complaints received to MC regarding sewerage system?	There were 21 complaints regarding sewerage blockage and drain cleanliness.				
Steps considered by MC to resolve the complaints	Some of them were resolved and few are still in process.				
Pipe Dia (inches)	Pipe Material	Length (ft)	No. of Manholes	Year of Laying	Age of Pipe
9	RCC	137,481	2,750	1982	41
12	RCC	38,598	386	1982	41
15	RCC	22,236	148	1982	41
18	RCC	5,338	27	1982	41
21	RCC	3,037	12	1982	41
24	RCC	7,592	30	1982	41
27	RCC	4,251	14	1982	41
30	RCC	5,431	18	1982	41
33	RCC	3,334	11	1982	41
36	RCC	7,408	25	1982	41
42	RCC	7,513	25	1982	41
Remarks / Requirements					
•					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	


B. Disposal Station





Sr #	Name	Age (Years)		Condition	Status	Book Value (PKR Million)	Nos. of Pump	Discharge Each (Cusec)	Motor hp	Pump Make	Motor Make
		Civil Structure	Pump								
1	Cheema Colony	41	3	Fair	Functional	9	3	5 4 2	60 60 60	KSB	Siemens
2	Railway Colony	11	11	Good	Functional	1.2	3	5	60	KSB	Siemens



Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Wazirabad						
Form: IDAMP-A7	Sewerage Disposal Station Asset Condition Assessment				Asset Code: _____ Date: 09-05-2023	
Asset Detail				Pictures		
Name		Cheema Colony				
Location	Latitude	32.446948				
	Longitude	74.129567				
Address		Cheema Colony, Wazirabad				
Area (Acres)		0.1				
Installation Year		1982				
Capital Cost of Machinery						
Outfall Drain Sewer	Dia	30"				
	Material	RCC				
Screening Chamber	No. of Screens	1				
	Screen Condition	Good	Fair	Poor		
	Chamber Structure	Masonry				
Wet Wells	Number	1				
	Shape	Rectangular	Circular			
	Size	30'				
	Structure	Masonry	RCC			
	Railing	Yes	No			
Force Main	No. of force mains	Not-Available				
	Dia					
	Material					
	Starting Point					
	Ending Point					
	Length					
Sullage Carrier	Size	2.5' x 3'				
	Shape	Rectangular				
	Length	1200'				
	Condition	Poor				
Delivery Pipe	Dia	10"	12"	12"		
	Material	CI	CI	CI		
Suction Pipe	Dia	10"	12"	12"		
	Material	CI	CI	CI		
Number of Valves	Sluice Valves	6				
	Non-Return Valves	3				



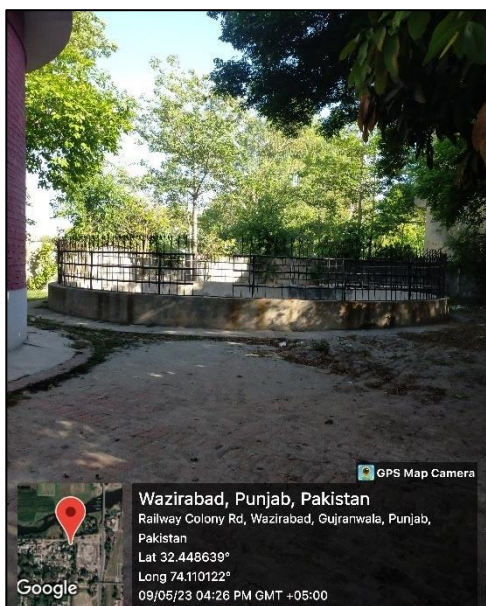
GPS Map Camera
Wazirabad, Punjab, Pakistan
Street No. 12, Cheema Colony, Wazirabad, Gujranwala,
Punjab, Pakistan
Lat 32.446948°
Long 74.129567°
09/05/23 02:05 PM GMT +05:00



Integrated Development and Asset Management Plan (IDAMP)							
	Penstock Valves	2					
Ultimate Disposal		Nala Palkhon					
Civil Structure Condition		Good	Fair	Poor			
Control Room Structure		Good	Fair	Poor			
Discharge Box Structure		Good	Fair	Poor			
Approach to Pump House		Good	Fair	Poor			
Hoisting Girder		Yes		No			
Boundary Wall & Gate		Yes		No			
Treatment of Sewage		Yes		No			
Wastewater daily discharge in m³/day? (based on available information at MC)		6,750					
Ultimate disposal of wastewater?		Nala Palkhon					
Electro-Mechanical Equipment Details							
Number of WAPDA Feeders		1					
Transformer Capacity (kVA)		200					
Number of MCU		3					
Sanctioned Load (kWh)		88					
Power Factor Improvement Equipment		Yes		No			
Service Cable		Yes		No			
Power Wiring		Yes		No			
Earthing of Motor		Yes		No			
Earthing of MCU		Yes		No			
Generator Availability		Yes		No			
Light Wiring of Pump House		Yes		No			
Change Over		Yes		No			
Pump Detail							
		Pump A		Pump B		Pump C	
Pump Type		Centrifugal/ Non-Clogging		Centrifugal/ Non-Clogging		Centrifugal/ Non-Clogging	
Pump Brand		KSB		KSB		KSB	
Pump Paint		Good		Good		Good	
Motor Brand		Siemens		Siemens		Siemens	
Installation Year of Pump		2020		2020		2020	
Discharge Capacity (Cusecs)		5		4		2	
Rotational Speed (RPM)		950		950		950	
Head (ft.)		40		40		40	
Motor Power (HP)		60		40		20	
Pump Daily Running Time (Hours)		6		6		6	
Base Plate		Yes	No	Yes	No	Yes	No
	Sluice Valve	6					

Integrated Development and Asset Management Plan (IDAMP)					
Number of Valves	Non-Returning Valve	3			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> One Penstock is not functional 					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	




Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A7	Sewerage Disposal Station Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Asset Detail			Pictures		
Name		Railway Colony			
Location	Latitude	32.448639			
	Longitude	74.110122			
Address		Railway Colony, Wazirabad			
Area (Acres)		0.5			
Installation Year		2012			
Capital Cost of Machinery					
Outfall Drain Sewer	Dia	42"			
	Material	RCC			
Screening Chamber	No. of Screens	1			
	Screen Condition	Good	Fair	Poor	
	Chamber Structure	RCC			
Wet Wells	Number	1			
	Shape	Rectangular	Circular		





GPS Map Camera

Wazirabad, Punjab, Pakistan
 Railway Colony Rd, Wazirabad, Gujranwala, Punjab, Pakistan
 Lat 32.448639°
 Long 74.110122°
 09/05/23 04:26 PM GMT +05:00

Integrated Development and Asset Management Plan (IDAMP)				
	Size	35'		
	Structure	Masonry	RCC	
	Railing	Yes	No	
Force Main	No. of force mains	Not-Available		
	Dia			
	Material			
	Starting Point			
	Ending Point			
	Length			
Sullage Carrier	Size	2.5' x 3'		
	Shape	Rectangular		
	Length	100'		
	Condition	Good		
Delivery Pipe	Dia	10		
	Material	CI		
Suction Pipe	Dia	10		
	Material	CI		
Number of Valves	Sluice Valves	6		
	Non-Return Valves	3		
	Penstock Valves	1		
Ultimate Disposal		Nala Palkhon		
Civil Structure Condition		Good	Fair	Poor
Control Room Structure		Good	Fair	Poor
Discharge Box Structure		Good	Fair	Poor
Approach to Pump House		Good	Fair	Poor
Hoisting Girder		Yes	No	
Boundary Wall & Gate		Yes	No	
Treatment of Sewage		Yes	No	
Wastewater daily discharge in m³/day? (based on available information at MC)		9,204		
Ultimate disposal of wastewater?		Nala Palkhon		
Electro-Mechanical Equipment Details				
Number of WAPDA Feeders		1		
Transformer Capacity (kVA)		200		
Number of MCU		3		
Sanctioned Load (kWh)		115		
Power Factor Improvement Equipment		Yes	No	
Service Cable		Yes	No	
Power Wiring		Yes	No	
Earthing of Motor		Yes	No	
Earthing of MCU		Yes	No	
Generator Availability		Yes	No	








Integrated Development and Asset Management Plan (IDAMP)							
Light Wiring of Pump House		Yes	No				
Change Over		Yes	No				
Pump Detail							
	Pump A		Pump B		Pump B		
Pump Type	Centrifugal/ Non-Clogging		Centrifugal/ Non-Clogging		Centrifugal/ Non-Clogging		
Pump Brand	KSB		KSB		KSB		
Pump Paint	Good		Good		Good		
Motor Brand	Siemens		Siemens		Siemens		
Installation Year of Pump	2012		2012		2012		
Discharge Capacity (Cusecs)	5		5		5		
Rotational Speed (RPM)	950		950		950		
Head (ft.)	60		60		60		
Motor Power (HP)	60		60		60		
Pump Daily Running Time (Hours)	6		6		6		
Base Plate		Yes	No	Yes	No	Yes	No
Number of Valves	Sluice Valve	6					
	Non-Returning Valve	3					
Overall Rating							
Average Score	1	2	3	4	5		
Asset Condition	Excellent	Good	Fair	Poor	Failing		
Category	A	B	C	D	E		
Remarks / Requirements							
•							
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023			
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023			

C. Vehicles/ Machinery

Sr #	Name	Registration Number	Age (Years)	Condition	Status	Book Value (PKR Million)	Capacity
1	Sucker Machine- Isuzu Motor	Not Registered	8	Good	Functional	1.4	5200cc/4500Liters
2	Jetting Machine-	Not Registered	8	Good	Functional	1.4	5200cc/4500Liters

	Isuzu Motor						
3	Dewatering Set (12 Nos.)	Not Available	(5x 17Years) + (7x 5Years)	Fair Poor	8 Functional 4 Non-Functional	1.31	Not Available
4	Millat	Not Registered	10	Good	Functional	0.2	85HP

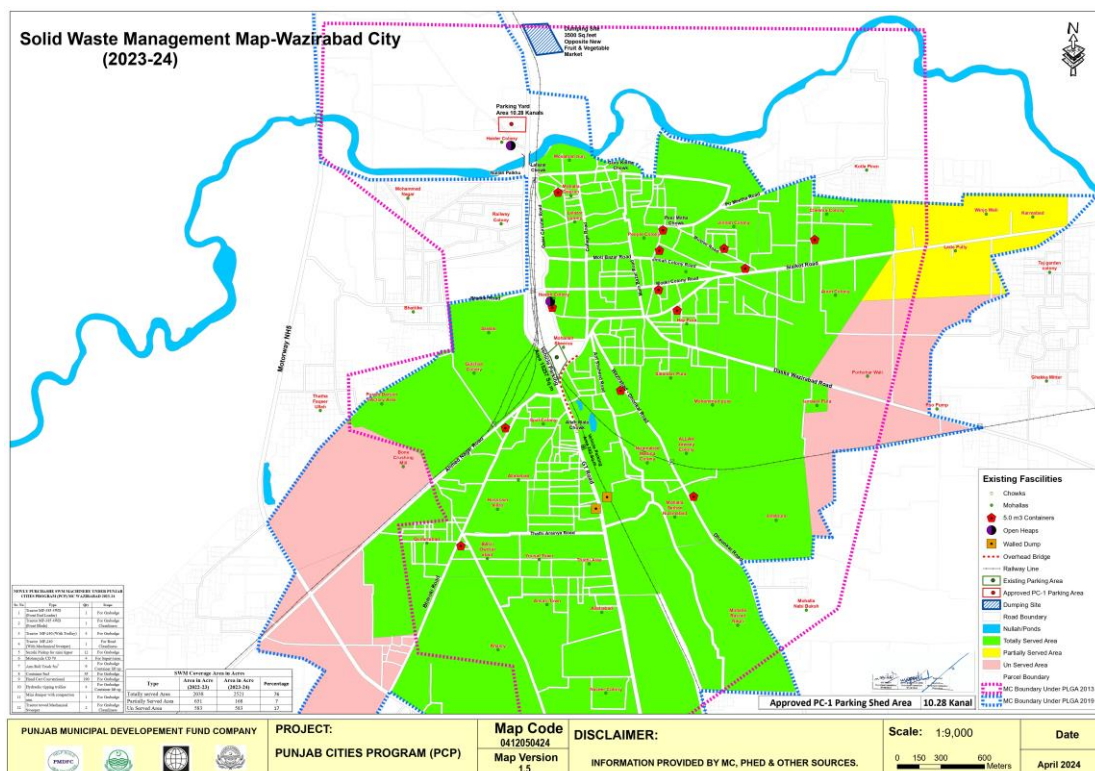
Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment			Asset Code: _____ Date: 11-05-2023 _____	
Type of Vehicle / Machinery			Pictures		
Sucker & Jetting Machine					
	Sucker Machine		Jetting Machine		Sucker Machine
Capacity	4500 Liter		4500 Liter		4500 Liter
Purpose	Sucker Machine		Jetting Machine		Sucker Machine
Year of Manufacturing	2015		2015		1992
Model	Isuzu Motor		Isuzu Motor		Millat
Capital Cost					
Fuel Consumption	594		325		343
Condition	Good		Good		Poor
Engine Capacity	5200 CC		5200 CC		50 HP
Maintenance Cost	10,000		10,000		12,000
Oiling /Fitness	Yes		Yes		Yes
Fitness Certificate	No		No		No
Registered	No		No		Yes
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	

3. Solid Waste Management

a) Flow Chart of Solid Waste Collection and Disposal System



b) Map of Solid Waste Management





A. Vehicles/ Machinery

Sr #	Name	Registration Number	Age (Years)	Condition	Status	Book Value (PKR Million)	Capacity	Quantity
1	Millat	GAJ-13-281	10	Good	Functional	0.3	50HP	1
2	Millat	GAJ-13-278	10	Good	Functional	0.3	85HP	1
3	Millat	GAJ-276	10	Good	Functional	0.3	50HP	1
4	Milat MF 240	Not Registered	8	Good	Functional	0.3	50HP	1
5	Al Haj Faw Motor	Not Registered	8	Poor	Functional	0.3	1000cc	1
6	Al Haj Faw Motor	Not Registered	8	Poor	Functional	0.3	1000cc	1
7	Millat	GAW-815	17	Fair	Functional	0.15	85HP	1
8	FAW Carrier	Not Registered	8	Good	Functional	0.4	1000cc	1
9	Master Grande	GAG-1061	17	Fair	Functional	1	4100cc	1
10	Millat	Not Registered	43	Poor	Functional	0.1	50HP	1
11	Mechanical Sweeper	Not Available	Not Available	Not Available	Not Available	Not Available		1
12	SWM Container (10 Nos.)	Not Available	Not Available	Not Available	Not Available	Not Available	1 m3	10
13	Mini Tipper 1M3	Not Available	1	Excellent	Functional	1.44	1 cubic meter	12
14	Tractors for Trollies	Not Available	1	Excellent	Functional	0.98	Not Available	4
15	Container 5m3	Not Available	1	Excellent	Functional	0.36	5 cubic meter	45
16	Arm Roll Truck	Not Available	1	Excellent	Functional	6.39	Not Available	6
17	Tractor Front Blade	Not Available	1	Excellent	Functional	2.12	Not Available	1
18	Tractor Front end loader	Not Available	1	Excellent	Functional	2.65	Not Available	1
19	Tractor for Mechanical Sweeper	Not Available	1	Excellent	Functional	0.98	Not Available	1

Sr #	Name	Registration Number	Age (Years)	Condition	Status	Book Value (PKR Million)	Capacity	Quantity
21	Hand Cart	Not Available	1	Excellent	Functional	0.03		190
22	Conventional Hydraulic tipping trollies (Super structure only)	Not Available	1	Excellent	Functional	0.77	Not Available	4
23	Motor bike 70 cc	Not Available	1	Excellent	Functional	0.08	70cc	4
24	Mini dumper with compaction arm	Not Available	1	Excellent	Functional	67.41	Not Available	1
25	Tractor towed Mechanical Sweeper (Super structure only)	Not Available	1	Excellent	Functional	1.49	Not Available	1
26	Millat	GAJ	1	Good	Functional			1
27	Tractor Fiat 240	Not Available	1	Good	Functional			1
28	Tractor Bowser-Millat	GAJ-13-275	10	Fair	Functional	1.2	50hp/500gallons	1
29	Fiat 640	Not Available	9	Good	Functional			1
30	Millat MF-240	Not Available	8	Good	Functional			1

Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Wazirabad						
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023		
Type of Vehicle / Machinery	Pictures					
Tractor	<div></div>					
	Tractor 1	Tractor 2	Tractor 3	Tractor4	Tractor5	Tractor6
Capacity	50 HP	50 HP	50 HP	50 HP	50 HP	50 HP
Purpose	SWM	SWM	Water Supply	SWM	Sweeping	SWM
Year of Manufacturing	1980	1992	2013	2013	2013	2016
Model	MF 240	MF 240	MF 240	MF 240	MF 240	MF 240
Capital Cost						
Fuel Consumption	333	343	331	340	337	299
Condition				Good	Good	Good
Engine Capacity	50 HP	50 HP	50 HP	50 HP	50 HP	50 HP
Maintenance Cost	12,000	12,000	15,000	15,000	15,000	32,000
Oiling /Fitness	Yes	Yes	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No	No	No
Registered	No	No	Yes	Yes	Yes	No
	Tractor 7	Tractor 8	Tractor 9	Tractor 10	Tractor 11	Tractor 12
Capacity	50 HP	50 HP				
Purpose	Not-Available	Not-Available	SWM	SWM	SWM	SWM
Year of Manufacturing	Not-Available	Not-Available	2015	2006	2013	2013
Model	MF 240	MF 240	Fiat 640	MF 385	MF 385	MF 385
Capital Cost						
Fuel Consumption	Not-Available	Not-Available	387	507	507	520
Condition	Not-Available	Not-Available	Good	Fair	Good	Good
Engine Capacity	50 HP	50 HP	75 HP	85 HP	85 HP	85 HP


Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Wazirabad						
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment				Asset Code: _____ Date: 09-05-2023	
Maintenance Cost	No	No	13,000	15,000	18,000	25,000
Oiling /Fitness	No	No	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No	No	No
Registered	-	-	No	Yes	Yes	Yes
Overall Rating						
Average Score	1	2	3	4	5	
Asset Condition	Excellent	Good	Fair	Poor	Failing	
Category	A	B	C	D	E	
Remarks / Requirements						
<ul style="list-style-type: none"> There are total 12 Tractors, 9 of them are serviceable and 3 are unserviceable 						
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023		
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023		

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Type of Vehicle / Machinery	Pictures				
Truck & Mini Truck	 				
	Al-Haj Faw Motors			Truck-Master Grand	
Capacity	1000CC	1000CC	1000CC	4100 CC	4100 CC
Purpose	SWM	SWM	SWM	SWM	SWM
Year of Manufacturing	2015	2015	2015	2007	2006
Model	FAW Carrier	FAW Carrier	FAW Carrier	M-410	M-410
Capital Cost					
Fuel Consumption	332	319	354	-	-
Condition	Fair	Fair	Fair	Out of order	Out of order
Engine Capacity	1000CC	1000CC	1000CC	4100 CC	4100 CC
Maintenance Cost	8,000	8,000	5,000	0	0
Oiling /Fitness	Yes	Yes	Yes	No	No
Fitness Certificate	No	No	No	No	No
Registered	No	No	No	GAG-1062	GAG-1061
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<div> <div> Data Collected By: Mr. Abdullah </div> <div> Designation: Team Member </div> <div>  Sign & Date: 30 May 2023 </div> </div>					
<div> <div> Data Checked By: Mr. M. Fiaz </div> <div> Designation: Team Lead </div> <div>  Sign & Date: 30 May 2023 </div> </div>					
Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					

Form: IDAMP-A16	Moveable Asset Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023		
Type of Vehicle / Machinery	Pictures				
Loader Rikshaws					
Capacity	150	150	150	150	150
Purpose	SWM	SWM	SWM	SWM	SWM
Year of Manufacturing	2019	2019	2019	2019	2019
Model	QINGQI 4 Stroke	QINGQI 4 Stroke	QINGQI 4 Stroke	QINGQI 4 Stroke	QINGQI 4 Stroke
Capital Cost					
Fuel Consumption	Not-Available	Not-Available	Not-Available	Not-Available	Not-Available
Condition	Good	Good	Good	Good	Good
Engine Capacity	150	150	150	150	150
Maintenance Cost	Not-Available	Not-Available	Not-Available	Not-Available	Not-Available
Oiling /Fitness	Yes	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No	No
Registered	No	No	No	No	No
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
Data Collected By: Mr. Abdullah	Designation: Team Member		 Sign & Date: 30 May 2023		
Data Checked By: Mr. M. Fiaz	Designation: Team Lead		 Sign & Date: 30 May 2023		


B. Dumping Site




Sr #	Name	Age (Years)	Condition	Status	Area(Acres)	Ownership	Book Value (PKR Mil)
1	Railway Colony Near fruit and veg market	Not-Available	Poor	Functional	2	Private Land	Not-Available

Integrated Development And Asset Management Plan (IDAMP)							
Municipal Committee Wazirabad							
Form: IDAMP-A11		Solid Waste Dumping Site Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023		
Name		Dumping Site		Pictures			
Location	Latitude	32.448651					
	Longitude	74.110176					
Address		Near Railway Colony Disposal, Wazirabad					
Area (Acres)		2					
Distance from urban area		2 KM					
Year the site started for dumping service		Before 2003					
Average waste dumped daily (based on information provided by MC)		Not-Available					
EHS SOPs for waste handlers		Yes	No				
Availability of PPEs for waste collectors/handlers		Yes	No				
Expected Life (Years)		3					
Land Ownership		Private Land					
Site Accessibility		Fair					
Surface Type		Flat	Depressed				
Approach Road		Good	Fair				Poor
Parking Shed		Yes	No				
Boundary Wall		Yes	No				
Gate		Yes	No				
Ramps		Yes	No				
Any Building at Site		Yes	No				
Weigh Bridge		Yes	No				
Earth Cover Arrangements		Yes	No				
Compaction Equipment		Yes	No				
Plantation Around Site		Yes	No				

Any illegal occupants or encroachments observed-if yes, type	Yes	No
Overall Rating		
Average Score	1	2
Asset Condition	Excellent	Good
Category	A	B
Remarks / Requirements		
<ul style="list-style-type: none"> No proper dumping site was available for disposal of Waste A proper project of Landfill site is required for the disposal of solid waste and to protect the environment. 		
Data Collected By: Mr. Abdullah	Designation: Team Member	 Sign & Date: 30 May 2023
Data Checked By: Mr. M. Fiaz	Designation: Team Lead	 Sign & Date: 30 May 2023



C. Parking Shed



Integrated Development and Asset Management Plan (IDAMP)			
Municipal Committee Wazirabad			
Form: IDAMP-A14	Building Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023
Name	Parking Shed		Pictures
Location	Latitude	32.452498	
	Longitude	74.110142	
Address	Irazi Jirlarn Near Nallah Palkho		
Year of Construction	2024		
Land Area (Acres)	1.28		
No. of Stories	1		
Condition	Excellent		
Purpose	Parking Shed For SWM		
No. of Staff	2		
No. of Rooms	8		
Conference/Meeting Room	Yes	No	
Store Room	Yes	No	
Study Room/Book Shelf	Yes	No	
Boundary Wall	Yes	No	
Heating & Cooling Arrangement	Yes	No	
Parking Lots	Yes	No	
Drinking Water Facilities	Yes	No	
Availability and quality of water (based on available water quality test reports)	Yes	No	


Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A14	Building Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Washrooms / Sewerage System	Yes	No	 <p>Date: 21-03-2024 01:02 PM Location: 74.110488, 32.452433 Caption: construction work continue</p>		
Separate Washroom for Ladies	Yes	No			
Prayers Area/room	Yes	No			
Furniture	Yes	No			
Electric Appliances (Fans Etc.)	Yes	No			
Machinery & Equipment	Yes	No			
Sports Club	Yes	No			
Staff Attendance System	Yes	No			
Emergency Alarm System	Yes	No			
Fire Fighting System / Equipment	Yes	No			
Ramps for wheel chairs at entry gate	Yes	No			
Security Guard	Yes	No			
Park/lawn outdoor/indoor plantation	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	




4. Building**A. Offices**

Sr #	Name	Condition	Status	Book Value (PKR Million)	Area(Acres)
1	Main Office MC	Fair	Functional	26.6	0.14
2	Machinery Building	Good	Functional	5.8	0.04
3	IT Office	Good	Functional	51	0.19
4	MOI office & Residence of Chief officer	Fair	Functional	12.3	0.07



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A14		Building Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Name		Main Office MC		Pictures	
Location	Latitude	32.4409		 <p>Wazirabad, Punjab, Pakistan</p> <p>Latitude 32.4409° N Longitude 74.1161° E Local 10:29:09 AM Altitude 238.9 meters GMT 05:29:09 AM Tuesday, 05/09/2023</p>	
	Longitude	74.1161			
Address		Main Bazar Street, Wazirabad			
Year of Construction		1976			
Land Area (Acres)		0.14			
No. of Stories		2			
Condition		Fair			
Purpose		MC Office			
No. of Staff		45			
No. of Rooms		15			
Conference/Meeting Room		Yes	No		
Store Room		Yes	No		
Study Room/Book Shelf		Yes	No		
Boundary Wall		Yes	No		
Heating & Cooling Arrangement		Yes	No		
Parking Lots		Yes	No		
Drinking Water Facilities		Yes	No		
Availability and quality of water (based on available water quality test reports)		Yes	No		
Washrooms / Sewerage System		Yes	No		
Separate Washroom for Ladies		Yes	No		
Prayers Area/room		Yes	No		
Furniture		Yes	No		
Electric Appliances (Fans Etc.)		Yes	No		
Machinery & Equipment		Yes	No		
Sports Club		Yes	No		
Staff Attendance System		Yes	No		
Emergency Alarm System		Yes	No		
Fire Fighting System / Equipment		Yes	No		
Ramps for wheel chairs at entry gate		Yes	No		
Security Guard		Yes	No		
Park/lawn outdoor/indoor plantation		Yes	No		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Wazirabad		
Form: IDAMP-A14	Building Asset Condition Assessment	Asset Code: _____ Date: 09-05-2023
Data Collected By: Mr. Abdullah	Designation: Team Member	 Sign & Date: 30 May 2023
Data Checked By: Mr. M. Fiaz	Designation: Team Lead	 Sign & Date: 30 May 2023

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Wazirabad		
Form: IDAMP-A14	Building Asset Condition Assessment	Asset Code: _____ Date: 09-05-2023
Name	MC Office	Pictures
Location	Latitude Longitude	
Address	Circular Road, Wazirabad	
Year of Construction	2021	
Land Area (Acres)	0.19	
No. of Stories	1	
Condition	Good	
Purpose	IT Office	
No. of Staff	5	
No. of Rooms	2	
Conference/Meeting Room	Yes No	
Store Room	Yes No	
Study Room/Book Shelf	Yes No	
Boundary Wall	Yes No	
Heating & Cooling Arrangement	Yes No	
Parking Lots	Yes No	
Drinking Water Facilities	Yes No	
Availability and quality of water (based on available water quality test reports)	Yes No	
Washrooms / Sewerage System	Yes No	
Separate Washroom for Ladies	Yes No	
Prayers Area/room	Yes No	
Furniture	Yes No	
Electric Appliances (Fans Etc.)	Yes No	
Machinery & Equipment	Yes No	
Sports Club	Yes No	
Staff Attendance System	Yes No	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A14	Building Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Emergency Alarm System	Yes	No			
Fire Fighting System / Equipment	Yes	No			
Ramps for wheel chairs at entry gate	Yes	No			
Security Guard	Yes	No			
Park/lawn outdoor/indoor plantation	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A14		Building Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Name		MC Office		Pictures	
Location	Latitude	32.4404			
	Longitude	74.1135			
Address		Circular Road, Wazirabad			
Year of Construction		1987			
Land Area (Acres)		0.07			
No. of Stories		1			
Condition		Fair			
Purpose		MOI Office & Residence of CO			
No. of Staff		15			
No. of Rooms		7			
Conference/Meeting Room		Yes	No		
Store Room		Yes	No		
Study Room/Book Shelf		Yes	No		
Boundary Wall		Yes	No		
Heating & Cooling Arrangement		Yes	No		
Parking Lots		Yes	No		
Drinking Water Facilities		Yes	No		
Availability and quality of water (based on available water quality test reports)		Yes	No		
Washrooms / Sewerage System		Yes	No		
Separate Washroom for Ladies		Yes	No		
Prayers Area/room		Yes	No		
Furniture		Yes	No		
Electric Appliances (Fans Etc.)		Yes	No		
Machinery & Equipment		Yes	No		
Sports Club		Yes	No		
Staff Attendance System		Yes	No		
Emergency Alarm System		Yes	No		
Fire Fighting System / Equipment		Yes	No		
Ramps for wheel chairs at entry gate		Yes	No		
Security Guard		Yes	No		
Park/lawn outdoor/indoor plantation		Yes	No		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Wazirabad		
Form: IDAMP-A14	Building Asset Condition Assessment	Asset Code: _____ Date: 09-05-2023
Data Collected By: Mr. Abdullah	Designation: Team Member	 Sign & Date: 30 May 2023
Data Checked By: Mr. M. Fiaz	Designation: Team Lead	 Sign & Date: 30 May 2023

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Wazirabad		
Form: IDAMP-A14	Building Asset Condition Assessment	Asset Code: _____ Date: 09-05-2023
Name	Machinery Building	
Location	Latitude	32.440299
	Longitude	74.115494
Address	Near Lahori Gate, Wazirabad	
Year of Construction	1993	
Land Area (Acres)	0.04	
No. of Stories	1	
Condition	Good	
Purpose	Machinery Building	
No. of Staff	Not-Available	
No. of Rooms	1	
Conference/Meeting Room	Yes	No
Store Room	Yes	No
Study Room/Book Shelf	Yes	No
Boundary Wall	Yes	No
Heating & Cooling Arrangement	Yes	No
Parking Lots	Yes	No
Drinking Water Facilities	Yes	No
Availability and quality of water (based on available water quality test reports)	Yes	No
Washrooms / Sewerage System	Yes	No
Separate Washroom for Ladies	Yes	No
Prayers Area/room	Yes	No
Furniture	Yes	No
Electric Appliances (Fans Etc.)	Yes	No
Machinery & Equipment	Yes	No
Sports Club	Yes	No
Staff Attendance System	Yes	No
Emergency Alarm System	Yes	No
Fire Fighting System / Equipment	Yes	No




Pictures

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A14	Building Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Ramps for wheel chairs at entry gate	Yes	No			
Security Guard	Yes	No			
Park/lawn outdoor/indoor plantation	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		 Sign & Date: 30 May 2023	

B. Shops

Sr #	Location	Age	Condition	Total	Book Value
1	Shop - Overhead Bridge GT Road	01/07/2003	Good	49	2
2	Shop - Overhead Bridge Sialkot Road	01/07/2003	Good	37	1.5
3	Rail Bazar Shops	02/07/1968	Good	25	2
4	Iqbal Market Shops	02/07/1968	Good	43	2.5
5	Shop - Near Veterinary Hospital	02/07/1968	Good	27	1.5
6	Lahori Gate Shops	02/07/1968	Good	20	5
7	Baroon Lahori Gate Shops	02/07/1968	Good	12	5
8	Moti Bazar Shops	02/07/1968	Good	4	5
9	Galla Sabaz Mandi Shops	02/07/1968	Good	9	3
10	Shop-Haji Pura Chowk	01/07/2002	Good	1	0.4
11	Canteen City Park	01/07/2001	Good	1	1
12	Mislenious	01/07/1968	Fair	8	2.5

Integrated Development and Asset Management Plan (IDAMP)

Municipal Committee Wazirabad

Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
1	1044	Overhead Bridge GT Road, Wazirabad	32.435445	74.11424167	92	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	aqib	agriclure shop
2	1010	Overhead Bridge GT Road, Wazirabad	32.43549333	74.11397667	92	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhamma d younas	Agriculture Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
3	2010	Overhead Bridge Sialkot Road, Wazirabad	32.4375	74.11474833	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Ali raza	auto mechnaic
4	6007	Rail Bazar, Wazirabad	32.44601667	74.11340667	110	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Fazal-U-Rahman	Bakery
5	1005	Overhead Bridge GT Road, Wazirabad	32.43609833	74.11393	90	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Anjum Naveed	barber store
6	9001	Galla Sabaz Mandi, Wazirabad	32.44288069	74.11625852	30	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamma d Younas	Bardana Shop
7	8001	Moti Bazar, Wazirabad	32.4421618	74.11841592	120	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Wasim Tahir	Birds shop
8	21	Near Veterinary Hospital, Wazirabad	32.44083167	74.11311833	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Nadeem Shahid	Building Material Shop
9	20	Near Veterinary Hospital, Wazirabad	32.440815	74.11309167	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Nadeem Shahid	Building Material Shop
10	4087002	Near Veterinary Hospital, Wazirabad	32.44085333	74.11309	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Nadeem Shahid	Building Material Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
11	1019	Overhead Bridge GT Road, Wazirabad	32.43509333	74.11432333	93	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Ali zafir	Burger Shop
12	10003	Haji Pura Chowk Wazirabad	32.44059808	74.11957659	272	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamma d Nadir	Canteen Berger Shop
13	7020	Baroon Lahori Gate, Wazirabad	32.44025333	74.115795	120	1	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Good	Alam Khan	Chicken Shop
14	8002	Moti Bazar, Wazirabad	32.44217252	74.11832277	120	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Imran Akram	Chicken Shop
15	8003	Moti Bazar, Wazirabad	32.4421694	74.11842598	120	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamma d Usama	Chicken Shop
16	11002	Galla Sabaz Mandi, Wazirabad	32.44306198	74.11604544	120	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamma d Shahmaad	Chicken Shop
17	11003	Galla Sabaz Mandi, Wazirabad	32.44306295	74.11605266	30	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamma d Nadeem	Chicken Shop
18	8087001	Moti Bazar, Wazirabad	32.4421688	74.11837323	120	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Zeeshan Haider	Clinic
19	2020	Overhead Bridge Sialkot Road, Wazirabad	32.43792833	74.11488667	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d Arif	Cloth Shop
20	2031	Overhead Bridge Sialkot	32.437895	74.11488167	120	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Rashid Ali	Cloth Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
		Road, Wazirabad												
21	2024	Overhead Bridge Sialkot Road, Wazirabad	32.43779 833	74.114685	264	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	farooq	Cloth Shop
22	2025	Overhead Bridge Sialkot Road, Wazirabad	32.43781 833	74.11467833	272	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	farooq	Cloth Shop
23	2008	Overhead Bridge Sialkot Road, Wazirabad	32.43774 5	74.11467833	324	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Abdul Farooq & Ansar Mahmood	Cloth Shop
24	2005	Overhead Bridge Sialkot Road, Wazirabad	32.43770 5	74.11454167	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	gull Saeed khan	cloth shop
25	2006	Overhead Bridge Sialkot Road, Wazirabad	32.43768 333	74.11452667	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	gull Saeed kha	Cloth Shop
26	2009	Overhead Bridge Sialkot Road, Wazirabad	32.43771 333	74.114435	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	qasir mahmood	Cloth Shop
27	7010	Baroon Lahori Gate Wazirabad	32.44046 154	74.11653109	120	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Sheharyar Malik	Cloth stalk

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
28	11006	Galla Sabaz Mandi, Wazirabad	32.44307104	74.11672442	1360	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhamma d Sohail S/O Muhamma d Aslam	Coblor Shop
29	6025	Rail Bazar, Wazirabad	32.44586	74.11252333	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Waseem butt	Cold Corner
30	7018	Lahori Gate, Wazirabad	32.440515	74.11577667	132	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Mehboob Alam	cold drink&dry fruit
31	6023	Rail Bazar, Wazirabad	32.44587833	74.112765	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	haji arif	Cutlery Shop
32	6022	Rail Bazar, Wazirabad	32.44587333	74.11275333	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Haji Muhamma d Arif	Cutlery Shop
33	6021	Rail Bazar, Wazirabad	32.44581167	74.11277667	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	faizan	Cutlery Shop
34	6020	Rail Bazar, Wazirabad	32.44581667	74.11274	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Khalid mahmood	Cutlery Shop
35	6019	Rail Bazar, Wazirabad	32.44585167	74.11277167	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhamma d Tariq	Cutlery Shop
36	6018	Rail Bazar, Wazirabad	32.44588167	74.112825	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Ijaz Ahmad	Cutlery Shop
37	6017	Rail Bazar, Wazirabad	32.445925	74.11291667	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	shafqat mahmood	Cutlery Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
38	6016	Rail Bazar, Wazirabad	32.44585667	74.11292333	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Anjum Naveed	Cutlery Shop
39	6015	Rail Bazar, Wazirabad	32.44590667	74.11299667	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	rawouf	Cutlery Shop
40	6005	Rail Bazar, Wazirabad	32.44591333	74.112995	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Arif	Cutlery Shop
41	6013	Rail Bazar, Wazirabad	32.44588833	74.11301833	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhamma d Naeem Toor	Cutlery Shop
42	6001	Rail Bazar, Wazirabad	32.44596833	74.11316167	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	umer jangheer	Cutlery Shop
43	6012	Rail Bazar, Wazirabad	32.44602333	74.113215	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Ijaz Ahmad	Cutlery Shop
44	6011	Rail Bazar, Wazirabad	32.44596833	74.11319833	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhamma d Riaz	Cutlery Shop
45	6010	Rail Bazar, Wazirabad	32.44592833	74.113185	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhamma d shaqeel	Cutlery Shop
46	6009	Rail Bazar, Wazirabad	32.44595833	74.11325667	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Hafeez-U-Rahman	Cutlery Shop
47	6008	Rail Bazar, Wazirabad	32.445995	74.11326	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhamma d Aqeel	Cutlery Shop
48	6004	Rail Bazar, Wazirabad	32.44602	74.11251167	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	m yasir	Cutlery Shop
49	6003	Rail Bazar, Wazirabad	32.44609	74.11258833	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhamma d Samdani	Cutlery Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
50	6002	Rail Bazar, Wazirabad	32.44608	74.11262667	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Ahsan ull haq	Cutlery Shop
51	6006	Rail Bazar, Wazirabad	32.44595	74.11261667	110	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	asgher	Cutlery Shop
52	5031	Iqbal Market, Wazirabad	32.44397 211	74.11426866	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/Leased	Good	Muhamma d Arif	Cutlery Shop
53	5022	Iqbal Market, Wazirabad	32.44406 221	74.11305766	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/Leased	Good	Muhamma d Riaz	Cutlery Shop
54	11009	Mohallah Kawanwala, Wazirabad	32.44064 784	74.1158625	30	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhamma d Saddique	Cutlery Shop
55	1042	Overhead Bridge GT Road, Wazirabad	32.43557 667	74.114055	91	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/Leased	Good	Malik afzal	Dry Cleaner
56	7014	Lahori Gate, Wazirabad	32.44041 108	74.1159826	132	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Atta Ullah	Dry Fruit
57	3007	Lahori Gate, Wazirabad	32.44025 667	74.11608667	132	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Muhamma d Ibrahim	electric store
58	208700 4	Overhead Bridge Sialkot Road, Wazirabad	32.43788	74.114925	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/Leased	Good	Muhamma d Arif	electronic
59	7016	Lahori Gate, Wazirabad	32.44038 833	74.11576	48	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Muhamma d Javaid	electronic hardware

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
60	1006	Overhead Bridge GT Road, Wazirabad	32.43578667	74.11398667	91	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Kashif Mehmood	Electronics Store
61	1007	Overhead Bridge GT Road, Wazirabad	32.43589667	74.11406667	91	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Saif Ullah	Electronics Store
62	3005	Lahori Gate, Wazirabad	32.44035083	74.11586962	132	1	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Good	Abdul Salam	Fast Food
63	3003	Lahori Gate, Wazirabad	32.44049333	74.11587667	132	1	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Good	Sajid hussain	Flavor Shop
64	7009	Baroon Lahori Gate, Wazirabad	32.44037333	74.11651	120	1	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Good	Muhamma d Pervaiz	Flowers shop
65	1001	Overhead Bridge GT Road, Wazirabad	32.43535	74.11407667	92	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d Naveed	food chemical shop
66	14	Near Veterinary Hospital, Wazirabad	32.44106333	74.112985	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Atta Ullah	furnecher
67	1	Near Veterinary Hospital, Wazirabad	32.44113667	74.11301167	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Atta Ullah	furnecher

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
68	1039	Overhead Bridge GT Road, Wazirabad	32.43579	74.11384667	90	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Safiya Baigum	Furniture
69	19	Near Veterinary Hospital, Wazirabad	32.44085167	74.11301333	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Abdul Rasheed	Furniture Shop
70	18	Near Veterinary Hospital, Wazirabad	32.44092333	74.11302167	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Naeem Shahzad	Furniture Shop
71	17	Near Veterinary Hospital, Wazirabad	32.44093	74.113075	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Nadeem Shahzad	Furniture Shop
72	16	Near Veterinary Hospital, Wazirabad	32.44096167	74.11302167	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Arshad Hussain	Furniture Shop
73	11008	Galla Sabaz Mandi, Wazirabad	32.44283009	74.11602754	30	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Tassadaq Meer	Garment & Meat Shop
74	7013	Lahori Gate, Wazirabad	32.44047333	74.11613667	132	1	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Good	Muhamma d Riaz	garments
75	2028	Overhead Bridge Sialkot Road, Wazirabad	32.43769	74.114665	312	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Abdul Farooq & Ansar Mahmood	Garments

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
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SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
76	10001	Sialkot Road, Wazirabad	32.4406406	74.12007348	30	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Javaid Iqbal	General Store
77	11012	Purani Chungi Sohdra Gate, Wazirabad	32.44626772	74.11870482	30	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Tariq	General Store
78	5027	Iqbal Market, Wazirabad	32.44391104	74.11426521	108	1	Commercial	Not Owned/ But Managed	No	No	Rented/Leased	Good	Muhammad Nazir	General Store
79	7015	Lahori Gate, Wazirabad	32.44032333	74.11583167	48	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	shah Jahan	Hardware
80	1028	Overhead Bridge GT Road, Wazirabad	32.43639	74.113935	165	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/Leased	Good	Hakeem Ghulam Farid Subha	Hikmat
81	7017	Lahori Gate, Wazirabad	32.44040454	74.11598648	132	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Muhammad amjad	hotal
82	7008	Baroon Lahori Gate, Wazirabad	32.44032167	74.11655333	120	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Muhammad Hussain	Hotel
83	7006	Baroon Lahori Gate, Wazirabad	32.440115	74.11613333	120	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Muhammad Khalid	Hotel
84	7004	Baroon Lahori Gate, Wazirabad	32.440415	74.11630167	120	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Abdul Rehman	Hotel
85	7003	Baroon Lahori Gate, Wazirabad	32.44021833	74.11626833	120	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Muhammad Akram	Hotel

Integrated Development and Asset Management Plan (IDAMP)														
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86	3004	Lahori Gate, Wazirabad	32.440525	74.115745	132	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Muhammad Sufyan	Hotel
87	13	Near Veterinary Hospital, Wazirabad	32.44069333	74.11321833	108	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	Abid Hussain	Hotel
88	25	Near Veterinary Hospital, Wazirabad	32.44070167	74.11324	120	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	Abid Hussain	Hotel
89	24	Near Veterinary Hospital, Wazirabad	32.44063333	74.11314	120	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	abid hussain	Hotel
90	23	Near Veterinary Hospital, Wazirabad	32.44072667	74.11319333	120	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	Abid Hussain	Hotel
91	22	Near Veterinary Hospital, Wazirabad	32.44079833	74.11316	120	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	Abid Hussain	Hotel
92	5025	Iqbal Market, Wazirabad	32.443995	74.11442333	108	1	Commercial	Not Owned/But Managed	No	Yes	Rented/Leased	Good	Khalid Mahmood	Hotel
93	3006	Lahori Gate, Wazirabad	32.44036361	74.11588937	132	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Muhammad Amjad	Hotel

Integrated Development and Asset Management Plan (IDAMP)														
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94	11001	Sialkoti Darwaza, Wazirabad	32.44229 175	74.11967252	59	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamma d Asim	Hotle
95	2022	Overhead Bridge Sialkot Road, Wazirabad	32.43773 167	74.11477333	240	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d sajid	Ishtam
96	11011	Purani Chungi Palkhu, Wazirabad	32.44926 107	74.11228786	231.6	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Sajid Munir	Karyana Shop
97	6024	Rail Bazar, Wazirabad	32.44581 5	74.11267	110	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	imtia z nazeer	Mechanic
98	11004	Galla Sabaz Mandi, Wazirabad	32.44308 891	74.11614764	30	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Habeeb Ullah S/O Abdul Majeed	Merchant Shop
99	6	Near Veterinary Hospital, Wazirabad	32.44120 833	74.11294833	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Fazal Mehmood	Milk Shop
100	5	Near Veterinary Hospital, Wazirabad	32.44323 5	74.11303333	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Malik Saif Ullah	Milk Shop
101	3	Near Veterinary Hospital, Wazirabad	32.44333	74.11305333	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Malik Saif Ullah	Milk Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
102	5034	Iqbal Market, Wazirabad	32.44396333	74.11453833	110	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Abdul rouf	Milk Shop
103	10002	Sialkot Road, Wazirabad	32.44067522	74.12023517	30	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Noman Ahmad	Mobile Oil Shop
104	3001	Lahori Gate, Wazirabad	32.44037	74.11614333	132	1	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Good	Muhamma d Ashraf	Mobile Shop
105	2032	Overhead Bridge Sialkot Road, Wazirabad	32.43790667	74.11516667	132	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d razwan	Mobile Shop
106	1025	Overhead Bridge GT Road, Wazirabad	32.43648167	74.11374667	54	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	suleman	mobile shop
107	1003	Overhead Bridge GT Road, Wazirabad	32.43641833	74.11363667	170	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Sajid Mahmood	Mobile Shop
108	1002	Overhead Bridge GT Road, Wazirabad	32.43639667	74.11373667	181	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Ansar Mahmood	Mobile Shop
109	1027	Overhead Bridge GT Road, Wazirabad	32.43649333	74.11384833	165	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	furqan imtiaz	Mobile Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
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SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
110	1029	Overhead Bridge GT Road, Wazirabad	32.43645167	74.11395	231	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	umair	Mobile Shop
111	1030	Overhead Bridge GT Road, Wazirabad	32.436275	74.11373667	100	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Zahid butt	Mobile Shop
112	1031	Overhead Bridge GT Road, Wazirabad	32.43621667	74.113615	89	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d Yaqoob	Mobile Shop
113	1032	Overhead Bridge GT Road, Wazirabad	32.43618333	74.113895	89	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	usama	Mobile Shop
114	1033	Overhead Bridge GT Road, Wazirabad	32.43604667	74.11394167	90	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	qasair kawnal	Mobile Shop
115	1034	Overhead Bridge GT Road, Wazirabad	32.43602167	74.11396833	90	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Atif	Mobile Shop
116	1036	Overhead Bridge GT Road, Wazirabad	32.435985	74.11403333	90	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	azmat	mobile shop

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117	1046	Overhead Bridge GT Road, Wazirabad	32.43573333	74.11406667	91	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	amir	Mobile Shop
118	1047	Overhead Bridge GT Road, Wazirabad	32.43570833	74.11410167	91	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Abu bakar	Mobile Shop
119	1048	Overhead Bridge GT Road, Wazirabad	32.43557833	74.11415667	91	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Nasir ahmed	Mobile Shop
120	1009	Overhead Bridge GT Road, Wazirabad	32.43538	74.11409667	92	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Farhan Ali	Mobile Shop
121	1011	Overhead Bridge GT Road, Wazirabad	32.43541167	74.11409333	92	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Zain ullabdin	Mobile Shop
122	1045	Overhead Bridge GT Road, Wazirabad	32.435385	74.11420667	92	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Shams-Ul-Haq	Mobile Shop
123	1012	Overhead Bridge GT Road, Wazirabad	32.43532167	74.11407333	92	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	mubshair malik	Mobile Shop

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124	1008	Overhead Bridge GT Road, Wazirabad	32.43514833	74.11415167	93	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	tayyab	Mobile Shop
125	1016	Overhead Bridge GT Road, Wazirabad	32.43499333	74.11429	93	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Mirza saleem	Mobile Shop
126	1017	Overhead Bridge GT Road, Wazirabad	32.43509	74.11421	93	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Afzal ahmed	Mobile Shop
127	1018	Overhead Bridge GT Road, Wazirabad	32.4351	74.114135	93	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Ali raza	Mobile Shop
128	1023	Overhead Bridge GT Road, Wazirabad	32.43552167	74.11451333	54	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	umair	Mobile Shop
129	6014	Rail Bazar, Wazirabad	32.44594667	74.11264667	108	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	wasif butt	Mobile Shop
130	3008	Lahori Gate, Wazirabad	32.44042797	74.11617551	132	1	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Good	Zulfiqar Ahmad	Mobile Shop
131	1026	Overhead Bridge GT Road, Wazirabad	32.43605667	74.11387	90	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d Imran ashraf	mobile shop

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132	11005	Galla Sabaz Mandi, Wazirabad	32.44306696	74.116129	30	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Khalid Shahzad	Nalkki Shop
133	7007	Baroon Lahori Gate, Wazirabad	32.44024	74.11646667	120	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Muhammad Munir	Paan Shop
134	1004	Overhead Bridge GT Road, Wazirabad	32.43643333	74.11369333	158	1	Commercial	Not Owned/But Managed	No	Yes	Rented/Leased	Good	Shahid Mahmood	Paan Shop
135	1020	Overhead Bridge GT Road, Wazirabad	32.43507833	74.11458	93	1	Commercial	Not Owned/But Managed	No	Yes	Rented/Leased	Good	Gull Khan	paan shop
136	1021	Overhead Bridge GT Road, Wazirabad	32.43507	74.11466167	94	1	Commercial	Not Owned/But Managed	No	Yes	Rented/Leased	Good	Gull Khan	paan shop
137	1022	Overhead Bridge GT Road, Wazirabad	32.43506667	74.114345	94	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	Abdul rahman	Paan Shop
138	1024	Overhead Bridge GT Road, Wazirabad	32.43513667	74.114515	59	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	hayit ullah	Paan Shop
139	1035	Overhead Bridge GT Road, Wazirabad	32.43604	74.11393833	90	1	Commercial	Not Owned/But Managed	No	Yes	Rented/Leased	Good	hafiz waqas	Pakistan battery store

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140	1015	Overhead Bridge GT Road, Wazirabad	32.43515333	74.11418667	93	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	gulam hussain	Patties Shop
141	1049	Overhead Bridge GT Road, Wazirabad	32.436105	74.11392833	90	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d sabir	Pesticide Shop
142	1037	Overhead Bridge GT Road, Wazirabad	32.435965	74.11389167	90	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Syed Abbas	Pesticide Shop
143	7005	Baroon Lahori Gate, Wazirabad	32.44037333	74.11630833	120	1	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Good	Noor Muhamma d	Photo copy
144	2030	Overhead Bridge Sialkot Road, Wazirabad	32.43776833	74.11502	156	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Mudasar Rashid	Photo Copy Shop
145	7012	Lahori Gate, Wazirabad	32.44057333	74.116045	132	1	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Good	mahad aslam	Photo Studio
146	3011	Lahori Gate, Wazirabad	32.44046667	74.11598833	132	1	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Good	kashif	Photo Studio
147	0	Lahori Gate, Wazirabad	32.4404	74.11592833	132	1	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Good	Muhamma d Akhtar	photo studio
148	1043	Overhead Bridge GT Road, Wazirabad	32.43563333	74.11412833	91	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d saeed	Photo Studio

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149	7002	Baroon Lahori Gate, Wazirabad	32.44033833	74.11623	120	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Mubashar Saleem	Photostate Shop
150	7001	Baroon Lahori Gate, Wazirabad	32.44036333	74.11632333	132	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Hasnain Mushtaq	Photostate Shop
151	3010	Lahori Gate, Wazirabad	32.44038	74.11616667	132	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Asif Mahmood	Photostate Shop
152	3009	Lahori Gate, Wazirabad	32.44026667	74.11619667	132	1	Commercial	Owned/Managed	No	Yes	Rented/Leased	Good	Muzamal	Photostate Shop
153	2029	Overhead Bridge Sialkot Road, Wazirabad	32.437925	74.11480833	144	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/Leased	Good	Mudasar Rashid	Photostate Shop
154	5019	Iqbal Market, Wazirabad	32.44406415	74.11312898	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/Leased	Good	Muhamma d Farooq	Plastic
155	5020	Iqbal Market, Wazirabad	32.44406026	74.11310299	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/Leased	Good	Ghulam Abbas	Plastic
156	5014	Iqbal Market, Wazirabad	32.44398525	74.11383525	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/Leased	Good	Abdul Rehman	Plastic Shop
157	5004	Iqbal Market, Wazirabad	32.44405763	74.11383529	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/Leased	Good	Abdul Rehman	Plastic Shop
158	5005	Iqbal Market, Wazirabad	32.44401405	74.11379053	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/Leased	Good	Muhamma d awais s/o	Plastic Shop

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													Muhammad afzal	
159	5006	Iqbal Market, Wazirabad	32.4439926	74.1137622	108	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	nayyar shahzad	Plastic Shop
160	5007	Iqbal Market, Wazirabad	32.44398374	74.11374973	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Naeem Sajjad	Plastic Shop
161	5008	Iqbal Market, Wazirabad	32.44398807	74.11372436	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhammad Tufail	Plastic Shop
162	5009	Iqbal Market, Wazirabad	32.44400022	74.11369085	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhammad awais s/o Muhammad afzal	Plastic Shop
163	5001	Iqbal Market	32.44402983	74.1133778	160	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Mehni Sahab Masjid	Plastic Shop
164	5003	Iqbal Market, Wazirabad	32.44400195	74.11328896	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Abdul Ghafoor	Plastic Shop
165	5012	Iqbal Market, Wazirabad	32.44403855	74.1133056	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Malik Shabir	plastic Shop
166	5013	Iqbal Market, Wazirabad	32.44401134	74.11330844	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Malik Nazeer Ahmad	plastic Shop

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Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
167	5016	Iqbal Market, Wazirabad	32.44403783	74.11321021	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Abdul Ghafoor	plastic Shop
168	1038	Overhead Bridge GT Road, Wazirabad	32.435895	74.113995	90	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d Ali	Plastic Store
169	1040	Overhead Bridge GT Road, Wazirabad	32.43585833	74.11416833	90	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d Ali	Plastic Ware
170	1041	Overhead Bridge GT Road, Wazirabad	32.43577667	74.11418333	91	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d Ali	Plastic Ware
171	5026	Iqbal Market, Wazirabad	32.44392244	74.11434947	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Shozab Butt	Plastic Ware
172	5028	Iqbal Market, Wazirabad	32.44394311	74.11429973	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Tariq Javaid	Plastic Ware
173	5029	Iqbal Market, Wazirabad	32.44395173	74.11428257	108	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Shoukat Ali	Plastic Ware
174	5030	Iqbal Market, Wazirabad	32.44397237	74.11427007	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Nasir Mehmood	Plastic Ware
175	5032	Iqbal Market, Wazirabad	32.44398667	74.11421335	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d Munir	Plastic Ware

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
176	5033	Iqbal Market, Wazirabad	32.44405273	74.11410998	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d Saeed	Plastic Ware
177	5023	Iqbal Market, Wazirabad	32.44402694	74.11412027	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Malik Mazhar Mehmood	Plastic Ware
178	5035	Iqbal Market, Wazirabad	32.44405686	74.11410935	108	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Ahsan Ullah	Plastic Ware
179	5036	Iqbal Market, Wazirabad	32.44407452	74.11408842	108	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhamma d Zafar Ahmad	Plastic Ware
180	5037	Iqbal Market, Wazirabad	32.44406031	74.11408031	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Malik Mazhar Mehmood	Plastic Ware
181	5039	Iqbal Market, Wazirabad	32.44403327	74.11400637	108	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhamma d Azhar	Plastic Ware
182	5040	Iqbal Market, Wazirabad	32.44399107	74.11398873	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Sajjad Hussain	Plastic Ware
183	5041	Iqbal Market, Wazirabad	32.44399182	74.1138959	108	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	jamil khan	Plastic Ware
184	5042	Iqbal Market, Wazirabad	32.44401072	74.11390166	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Ghulam Dastaghir	Plastic Ware
185	5043	Iqbal Market, Wazirabad	32.44398969	74.11386407	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d Shafi	Plastic Ware

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
186	5010	Iqbal Market, Wazirabad	32.44401087	74.11349647	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Ghulam Mustafa	Plastic Ware
187	5011	Iqbal Market, Wazirabad	32.44402663	74.11344264	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhammad Akram	Plastic Ware
188	2019	Overhead Bridge Sialkot Road, Wazirabad	32.437955	74.11477167	204	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	shah hussain	Pottery + Cloth Shop
189	11013	Sialkot Road Wazirabad	32.44067179	74.12018959	160	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhammad Shoukat	Puncture Shop
190	2018	Overhead Bridge Sialkot Road, Wazirabad	32.43784	74.11480833	192	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	shah hussain	Readymade Cloth
191	4001	Kareem Pura	32.44181	74.11285167	100	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Point Sui Gass 1	Rent
192	24001	Lala Zar Colony	32.45055333	74.11399333	100	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Point Sui Gass 2	Rent
193	11010	Mor Guru Kotha, Wazirabad	32.44558784	74.11899242	200	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Mushtaq Gujjar	Rent a Car
194	15	Near Veterinary Hospital, Wazirabad	32.44102	74.11296333	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Tahir Mehmood	Scrape


Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
195	4087001	Near Veterinary Hospital, Wazirabad	32.44119667	74.11295333	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhamma d Munir	Scrape
196	12	Near Veterinary Hospital, Wazirabad	32.44117833	74.11303	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Riaz Ahmad	Scrape
197	11	Near Veterinary Hospital, Wazirabad	32.4412	74.113015	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Afzaal Ahmad	Scrape
198	10	Near Veterinary Hospital, Wazirabad	32.441235	74.11303167	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Malik Shahbaz	Scrape
199	9	Near Veterinary Hospital, Wazirabad	32.44123333	74.11300833	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Malik Abbas	Scrape
200	4	Near Veterinary Hospital, Wazirabad	32.44122667	74.11294	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Abdul Majeed	Scrape
201	2	Near Veterinary Hospital, Wazirabad	32.44309333	74.11297833	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Shaheen Kausar	Scrape


Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
202	8	Near Veterinary Hospital, Wazirabad	32.443175	74.11299833	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhamma d Shafique	Scrape
203	7	Near Veterinary Hospital, Wazirabad	32.44313833	74.113015	120	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhamma d Munir	Scrape
204	5015	Iqbal Market, Wazirabad	32.44400202	74.11322425	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d Amad Ghafoor Ch.	Scrape
205	5018	Iqbal Market, Wazirabad	32.44403206	74.1131654	108	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	khilil phati	Scrape
206	5021	Iqbal Market, Wazirabad	32.4440608	74.11309812	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d husnain	Scrape
207	5017	Iqbal Market, Wazirabad	32.44404433	74.11318088	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Khalid Mehmood	scrape
208	7019	Baroon Lahori Gate, Wazirabad	32.44030667	74.11581833	132	1	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Good	Badar Munir Butt	Shoe Shop
209	3002	Lahori Gate, Wazirabad	32.44055	74.11581167	132	1	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Good	Zia Ullah	Shoe Shop
210	2026	Overhead Bridge Sialkot Road, Wazirabad	32.43784667	74.11471833	302.25	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Shahzad iqbal	shoe shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
211	2027	Overhead Bridge Sialkot Road, Wazirabad	32.43791	74.11465	300	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Shahzad iqbal	shoe shop
212	208700 1	Overhead Bridge Sialkot Road, Wazirabad	32.43773 5	74.114645	200	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Abdul raheem	Shoe Shop
213	208700 3	Overhead Bridge Sialkot Road, Wazirabad	32.43784	74.11457833	200	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Abdul raheem	Shoe Shop
214	2007	Overhead Bridge Sialkot Road, Wazirabad	32.43760 333	74.11452333	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	asghar khan	shoe shop
215	2001	Overhead Bridge Sialkot Road, Wazirabad	32.43776 167	74.114475	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	asghar khan	shoe shop
216	2011	Overhead Bridge Sialkot Road, Wazirabad	32.43767 833	74.11448167	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	ikram khan	shoe shop
217	2012	Overhead Bridge Sialkot Road, Wazirabad	32.43767 333	74.11447333	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	ikram khan	shoe shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
218	2013	Overhead Bridge Sialkot Road, Wazirabad	32.43764167	74.11431667	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	shakir ullah	shoe shop
218	2014	Overhead Bridge Sialkot Road, Wazirabad	32.43761167	74.11434	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	shakir ullah	shoe shop
219	2033	Overhead Bridge Sialkot Road, Wazirabad	32.43777333	74.11406	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	toorsom khan	Shoe Shop
220	11007	Galla Sabaz Mandi, Wazirabad	32.4428821	74.1161941	30	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Ghulam Rasool	Shoe Shop
221	2016	Overhead Bridge Sialkot Road, Wazirabad	32.43786	74.11482333	168	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Tariq mahmood	Shoes Shop
222	2017	Overhead Bridge Sialkot Road, Wazirabad	32.43789833	74.11481833	180	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Tariq mahmood	Shoes Shop
223	2015	Overhead Bridge Sialkot Road, Wazirabad	32.43781167	74.11479833	216	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	zar wali khan	Shoes Shop
224	2021	Overhead Bridge Sialkot	32.43777667	74.11477667	228	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	zar wali khan	Shoes Shop




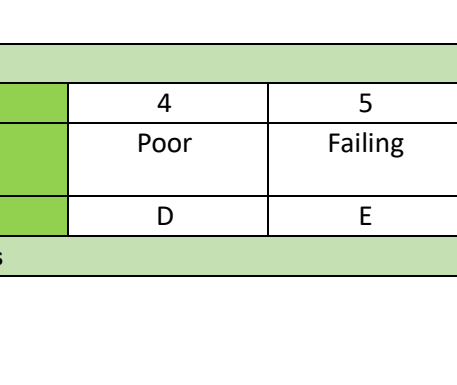
Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
		Road, Wazirabad												
225	2087002	Overhead Bridge Sialkot Road, Wazirabad	32.43779	74.11467	336	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Abdul raheem	Shoes Shop
226	2002	Overhead Bridge Sialkot Road, Wazirabad	32.43776833	74.11467833	54	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Abdul raheem	Shoes Shop
227	1013	Overhead Bridge GT Road, Wazirabad	32.43517167	74.11418167	92	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Akhtar mahmood	shop
228	1014	Overhead Bridge GT Road, Wazirabad	32.43519667	74.11413667	93	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Javed	shorts
229	7011	Lahori Gate, Wazirabad	32.44061333	74.115815	120	1	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Good	Ahsan Ellahi	shows shop
230	2004	Overhead Bridge Sialkot Road, Wazirabad	32.43739167	74.11482333	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	usman	steel furtunir
231	5038	Iqbal Market, Wazirabad	32.44405616	74.11402413	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Musharaf Hussain	Tailor Shop



Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
232	5002	Iqbal Market	32.44404782	74.11349808	160	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhamma d Khalid	tea shop
233	5024	Iqbal Market, Wazirabad	32.44395167	74.11450333	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Bashir Begam	Tea Stall
234	2023	Overhead Bridge Sialkot Road, Wazirabad	32.437825	74.114645	252	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d sajid	Û°Ishtam Shop
235	2003	Overhead Bridge Sialkot Road, Wazirabad	32.437815	74.11456167	108	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	Muhamma d Arshad	Watch Centre
236	1044	Overhead Bridge GT Road, Wazirabad	32.435445	74.11424167	92	1	Commercial	Not Owned/ But Managed	No	Yes	Rented/ Leased	Good	aqib	agriclure shop
Average Score		1			2			3			4		5	
Asset Condition		Excellent			Good			Fair			Poor		Failing	
Category		A			B			C			D		E	
Data Collected By: Mr. Abdullah					Designation: Team Member									

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Wazirabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 09-05-2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
												Sign & Date: 30 May 2023		
Data Checked By: Mr. M. Fiaz					Designation: Team Lead							 Sign & Date: 30 May 2023		

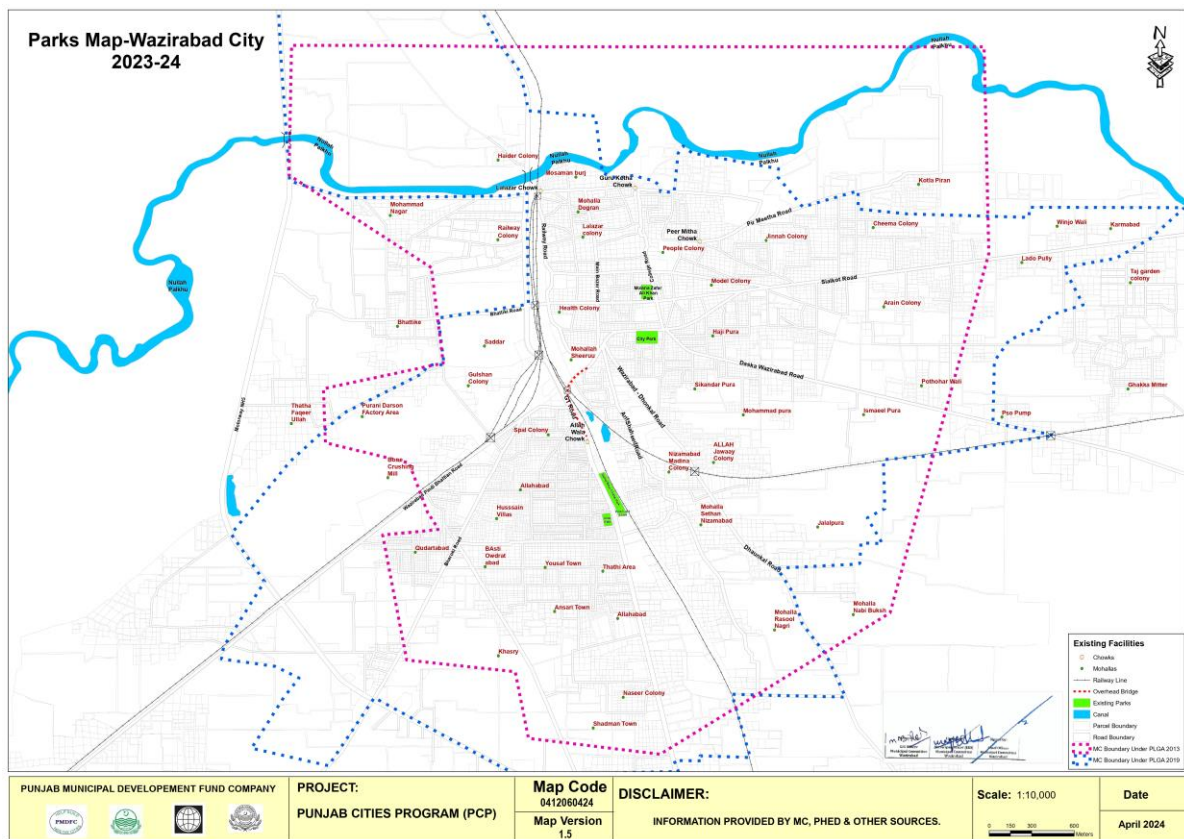
5. Public Places

A. Slaughter House					
Sr #	Name	Condition	Status	Book Value (PKR Million)	Area(Acres)
1	Link Road Near Nala Palkhu, Wazirabad	Fair	Functional	Not Available	0.16

Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Wazirabad						
Form: IDAMP-A15		Slaughterhouse Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Name		Slaughter House			Pictures	
Location	Latitude	32.448862			 <p style="font-size: small;">GPS Map Camera Wazirabad, Punjab, Pakistan Unnamed Road, Wazirabad, Gujranwala, Punjab, Pakistan Lat 32.448862° Long 74.104311° 08/05/23 04:49 PM GMT +05:00</p>	
	Longitude	74.104311				
Address		Link Road Near Nala Palkhu, Wazirabad				
Year of Construction		2013				
Total Area (Acres)		0.16				
Ownership		MC				
Slaughter Capacity (Per Day)	Larger Animals	25-30				
	Smaller Animals	35-40				
Supervisor		Yes	No			
Doctor's Room		Yes	No			
Inhabitation Facility		Yes	No			
Slaughtering Hall		Yes	No			
Evisceration Hall		Yes	No			
Meat Cutting Room		Yes	No			
Blood Collection Arrangements		Yes	No			
Skin Storage Room		Yes	No			
Tools Disinfectant System		Yes	No			
Health and Hygiene SOPs		Yes	No			
Refrigeration / Storage System		Yes	No			
Separate Facility for Sick Animals		Yes	No			
Water Supply System		Yes	No			
Drainage & Disposal Facility		Yes	No			
Solid Waste Collection Facility		Yes	No			
Boundary Wall & Gate		Yes	No			
Approach Road Condition		Good	Fair	Poor		
Civil Structure Condition		Good	Fair	Poor		
Overall Rating						
Average Score	1	2	3		4	5
Asset Condition	Excellent	Good	Fair		Poor	Failing
Category	A	B	C		D	E
Remarks / Requirements						
<ul style="list-style-type: none"> There was only boundary wall but no gate. There were water issues. 						


Data Collected By: Mr. Abdullah	Designation: Team Member	 Sign & Date: 30 May 2023
Data Checked By: Mr. M. Fiaz	Designation: Team Lead	 Sign & Date: 30 May 2023



B. Parks




Sr #	Name	Condition	Book Value (PKR Million)
1	Molana Zafar Ali Khan Park	Fair	204
2	City Park-Sialkot Road Opposite David Memorial Church	Good	288
3	Hamid Nasir Chatha Park	Poor	Not Available
4	Umar Park	Fair	Not Available


Sr #	Name	Condition	Book Value (PKR Million)
5	Food Court	Fair	Not Available
6	Mini Park Allah Wala Chowk	Fair	Not Available

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A10	Park Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Name		City Park		Pictures	
Location	Latitude	32.4404			
	Longitude	74.1194			
Area In Acres		2			
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)		MC			
Turfing Condition		Good	Fair		
Approach Road		Good	Fair		
Parking Lots		Yes	No		
Canteen Availability		Yes	No		
Average number of daily visitors (based on the assessment of MC staff)		Not-Available			
Any illegal occupants or encroachments observed-if yes, type		Yes	No		
Security system		Yes	No		
Watering & Irrigation					
Tube Well		Yes	No		
Water Supply from Municipal System		Yes	No		
Water Tank		Yes	No		
Pumping Unit		Yes	No		
Distribution Pipe Lines		Yes	No		
Valves		Yes	No		
Sprinkler System		Yes	No		
Ground water storage reservoirs/ponds		Yes	No		
Landscaping & Plantation					
Grass Beds		Yes	No		
Flower Beds		Yes	No		
Hedges		Yes	No		
Plants		Yes	No		
Number of trees and species (based on readily available information at MC)		Not-Available			
Lights					
Total Number		Not-Available			
Poles		Yes	No		
Cables		Yes	No		
Brackets And Lights		Yes	No		
Bulbs And Tubes		Yes	No		

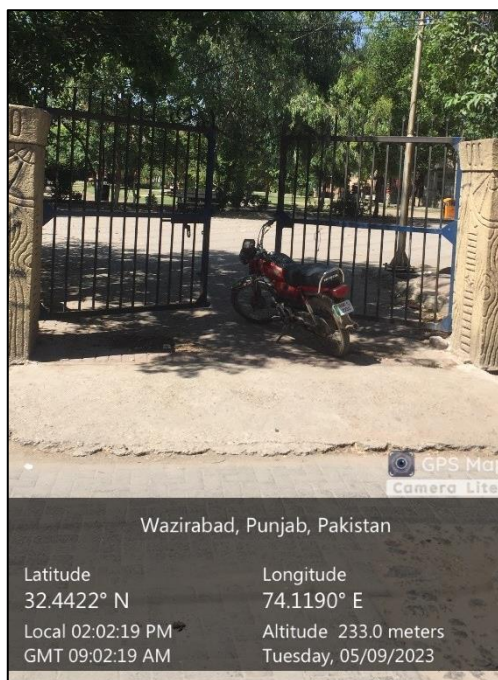



Control Units		Yes	No		
Structures					
No. of Toilets	Gents	3			
	Ladies	3			
Condition of Toilets	Gents	Fair			
	Ladies	Fair			
Buildings		Yes	No		
Fountains & Water Fall Structure		Yes	No		
Walkways		Yes	No		
Jogging tracks		Yes	No		
Ramps at entry gates for wheel chairs		Yes	No		
Bridges & Culverts		Yes	No		
Play Area		Yes	No		
Gazebos		Yes	No		
Benches/ sitting arrangements		Yes	No		
Boundary Wall & Gate		Yes	No		
Toilets		Yes	No		
Lakes & Brooks		Yes	No		
Mechanical Equipment					
Pumping Units		Yes	No		
Swings		Yes	No		
Children Games		Yes	No		
Fixtures		Yes	No		
Benches		Yes	No		
Sanitation & Water Supply					
Litter Bins		Yes	No		
Condition of SWM		Good			
Toilet Fixtures		Yes	No		
Sewerage System		Yes	No		
Vegetation Cuttings & Disposal		Yes	No		
Drinking water availability and quality (based on availability of water quality test reports)		Available			
Water Pipes		Yes	No		
HR					
Security Guards		Yes	No		
Landscape Experts		Yes	No		
Mali / Beldar (Number)		Yes	No		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> Only for Ladies 					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	






Data Checked By: Mr. M. Fiaz	Designation: Team Lead	 Sign & Date: 30 May 2023
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Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A10	Park Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Name		Molana Zafar Ali Khan Park		<div style="font-weight: bold;">Pictures</div> 	
Location	Latitude	32.4422			
	Longitude	74.1190			
Area In Acres		1.375			
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)		MC			
Turfing Condition		Good	Fair		Poor
Approach Road		Good	Fair		Poor
Parking Lots		Yes			No
Canteen Availability		Yes			No
Average number of daily visitors (based on the assessment of MC staff)		Not-Available			
Any illegal occupants or encroachments observed-if yes, type		Yes	No		
Security system		Yes	No		
Watering & Irrigation					
Tube Well		Yes	No		
Water Supply from Municipal System		Yes	No		
Water Tank		Yes	No		
Pumping Unit		Yes	No		
Distribution Pipe Lines		Yes	No		
Valves		Yes	No		
Sprinkler System		Yes	No		
Ground water storage reservoirs/ponds		Yes	No		
Landscaping & Plantation					
Grass Beds		Yes	No		
Flower Beds		Yes	No		
Hedges		Yes	No		
Plants		Yes	No		
Number of trees and species		Not-Available			

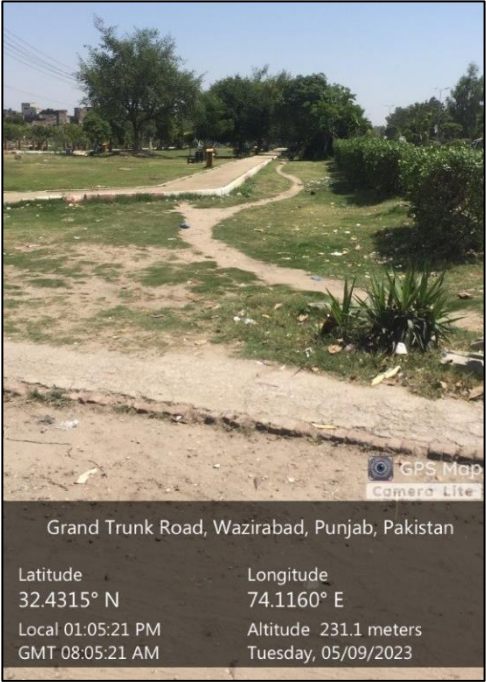


(based on readily available information at MC)		
Lights		
Total Number	Not Available	
Poles	Yes	No
Cables	Yes	No
Brackets And Lights	Yes	No
Bulbs And Tubes	Yes	No
Control Units	Yes	No
Structures		
No. of Toilets	Gents	1
	Ladies	1
Condition of Toilets	Gents	Fair
	Ladies	Fair
Buildings	Yes	No
Fountains & Water Fall Structure	Yes	No
Walkways	Yes	No
Jogging tracks	Yes	No
Ramps at entry gates for wheel chairs	Yes	No
Bridges & Culverts	Yes	No
Play Area	Yes	No
Gazebos	Yes	No
Benches/ sitting arrangements	Yes	No
Boundary Wall & Gate	Yes	No
Toilets	Yes	No
Lakes & Brooks	Yes	No
Mechanical Equipment		
Pumping Units	Yes	No
Swings	Yes	No
Children Games	Yes	No
Fixtures	Yes	No
Benches	Yes	No
Sanitation & Water Supply		
Litter Bins	Yes	No
Condition of SWM	Fair	
Toilet Fixtures	Yes	No
Sewerage System	Yes	No
Vegetation Cuttings & Disposal	Yes	No
Drinking water availability and quality (based on availability of water quality test reports)	Not-Available	
Water Pipes	Yes	No
HR		
Security Guards	Yes	No
Landscape Experts	Yes	No
Mali / Beldaar (Number)	Yes	No

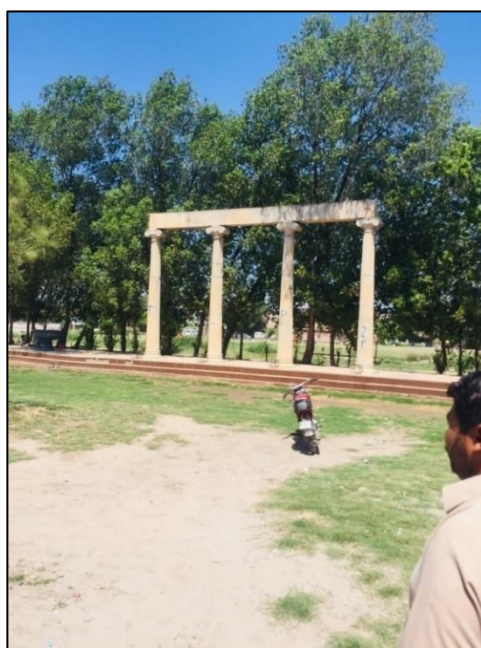



					
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> It is converted to Sports Complex. It is not used by public but only officers. 					
Data Collected By: Mr. Abdullah	Designation: Team Member			 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz	Designation: Team Lead			 Sign & Date: 30 May 2023	


Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Wazirabad				
Form: IDAMP-A10	Park Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023
Name		Hamid Nasir Chattha Park		Pictures
Location	Latitude	32.4315		
	Longitude	74.1160		
Area In Acres		21		
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)		MC		
Turfing Condition		Good	Fair	Poor
Approach Road		Good	Fair	Poor
Parking Lots		Yes	No	
Canteen Availability		Yes	No	
Average number of daily visitors (based on the assessment of MC staff)		Not-Available		
Any illegal occupants or encroachments observed-if yes, type		Yes	No	
Security system		Yes	No	
Watering & Irrigation				
Tube Well		Yes	No	
Water Supply from Municipal System		Yes	No	
Water Tank		Yes	No	
Pumping Unit		Yes	No	
Distribution Pipe Lines		Yes	No	
Valves		Yes	No	
Sprinkler System		Yes	No	
Ground water storage reservoirs/ponds		Yes	No	
Landscaping & Plantation				
Grass Beds		Yes	No	
Flower Beds		Yes	No	
Hedges		Yes	No	
Plants		Yes	No	
Number of trees and species (based on readily available information at MC)		Not-Available		
Lights				
Total Number		Not-Available		
Poles		Yes	No	
Cables		Yes	No	
Brackets And Lights		Yes	No	





Bulbs And Tubes	Yes	No
Control Units	Yes	No
Structures		
No. of Toilets	Gents	0
	Ladies	0
Condition of Toilets	Gents	-
	Ladies	-
Buildings	Yes	No
Fountains & Water Fall Structure	Yes	No
Walkways	Yes	No
Jogging tracks	Yes	No
Ramps at entry gates for wheel chairs	Yes	No
Bridges & Culverts	Yes	No
Play Area	Yes	No
Gazebos	Yes	No
Benches/ sitting arrangements	Yes	No
Boundary Wall & Gate	Yes	No
Toilets	Yes	No
Lakes & Brooks	Yes	No
Mechanical Equipment		
Pumping Units	Yes	No
Swings	Yes	No
Children Games	Yes	No
Fixtures	Yes	No
Benches	Yes	No
Sanitation & Water Supply		
Litter Bins	Yes	No
Condition of SWM	Fair	
Toilet Fixtures	Yes	No
Sewerage System	Yes	No
Vegetation Cuttings & Disposal	Yes	No
Drinking water availability and quality (based on availability of water quality test reports)	Available	
Water Pipes	Yes	No
HR		
Security Guards	Yes	No
Landscape Experts	Yes	No
Mali / Beldar (Number)	Yes	No



Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> At boundary there was green fence. 					
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023	


<i>Data Checked By: Mr. M. Fiaz</i>	<i>Designation: Team Lead</i>	 <i>Sign & Date: 30 May 2023</i>
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Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A10		Park Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023
Name		Umar Park			Pictures 
Location	Latitude	32.4289			
	Longitude	74.1168			
Area In Acres		0.125			
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)		MC			
Turfig Condition		Good	Fair	Poor	
Approach Road		Good	Fair	Poor	
Parking Lots		Yes	No		
Canteen Availability		Yes	No		
Average number of daily visitors (based on the assessment of MC staff)		Not-Available			
Any illegal occupants or encroachments observed-if yes, type		Yes	No		
Security system		Yes	No		
Watering & Irrigation					
Tube Well		Yes	No		
Water Supply from Municipal System		Yes	No		
Water Tank		Yes	No		
Pumping Unit		Yes	No		
Distribution Pipe Lines		Yes	No		
Valves		Yes	No		
Sprinkler System		Yes	No		
Ground water storage reservoirs/ponds		Yes	No		
Landscaping & Plantation					
Grass Beds		Yes	No		
Flower Beds		Yes	No		
Hedges		Yes	No		
Plants		Yes	No		
Number of trees and species (based on readily available information at MC)		Not-Available			
Lights					
Total Number		Not-Available			
Poles		Yes	No		
Cables		Yes	No		
Brackets And Lights		Yes	No		
Bulbs And Tubes		Yes	No		
Control Units		Yes	No		
Structures					

Grand Trunk Road, Wazirabad, Punjab, Pakistan


Latitude
32.4289° N
Local 01:11:58 PM
GMT 08:11:58 AM


Longitude
74.1168° E
Altitude 231.8 meters
Tuesday, 05/09/2023




No. of Toilets	Gents	0			
	Ladies	0			
Condition of Toilets	Gents	-			
	Ladies	-			
Buildings	Yes	No			
Fountains & Water Fall Structure	Yes	No			
Walkways	Yes	No			
Jogging tracks	Yes	No			
Ramps at entry gates for wheel chairs	Yes	No			
Bridges & Culverts	Yes	No			
Play Area	Yes	No			
Gazebos	Yes	No			
Benches/ sitting arrangements	Yes	No			
Boundary Wall & Gate	Yes	No			
Toilets	Yes	No			
Lakes & Brooks	Yes	No			
Mechanical Equipment					
Pumping Units	Yes	No			
Swings	Yes	No			
Children Games	Yes	No			
Fixtures	Yes	No			
Benches	Yes	No			
Sanitation & Water Supply					
Litter Bins	Yes	No			
Condition of SWM	Fair				
Toilet Fixtures	Yes	No			
Sewerage System	Yes	No			
Vegetation Cuttings & Disposal	Yes	No			
Drinking water availability and quality (based on availability of water quality test reports)	Not-Available				
Water Pipes	Yes	No			
HR					
Security Guards	Yes	No			
Landscape Experts	Yes	No			
Mali / Beldaar (Number)	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<div> <div> Data Collected By: Mr. Abdullah </div> <div> Designation: Team Member </div> <div>  Sign & Date: 30 May 2023 </div> </div>					
<div> <div> Data Checked By: Mr. M. Fiaz </div> <div> Designation: Team Lead </div> <div>  Sign & Date: 30 May 2023 </div> </div>					






Integrated Development and Asset Management Plan (IDAMP)							
Municipal Committee Wazirabad							
Form: IDAMP-A10		Park Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023			
Name		Ford Court		Pictures			
Location	Latitude	32.4291					
	Longitude	74.1172					
Area In Acres		0.5					
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)		MC					
Turfing Condition		Good	Fair			Poor	
Approach Road		Good	Fair			Poor	
Parking Lots		Yes	No				
Canteen Availability		Yes	No				
Average number of daily visitors (based on the assessment of MC staff)		Not-Available					
Any illegal occupants or encroachments observed-if yes, type		Yes	No				
Security system		Yes	No				
Watering & Irrigation							
Tube Well		Yes	No				
Water Supply from Municipal System		Yes	No				
Water Tank		Yes	No				
Pumping Unit		Yes	No				
Distribution Pipe Lines		Yes	No				
Valves		Yes	No				
Sprinkler System		Yes	No				
Ground water storage reservoirs/ponds		Yes	No				
Landscaping & Plantation							
Grass Beds		Yes	No				
Flower Beds		Yes	No				
Hedges		Yes	No				
Plants		Yes	No				
Number of trees and species (based on readily available information at MC)		Not-Available					
Lights							
Total Number		Not-Available					
Poles		Yes	No				
Cables		Yes	No				
Brackets And Lights		Yes	No				
Bulbs And Tubes		Yes	No				
Control Units		Yes	No				
Structures							


No. of Toilets	Gents	1			
	Ladies	1			
Condition of Toilets	Gents	Fair			
	Ladies	Fair			
Buildings	Yes	No			
Fountains & Water Fall Structure	Yes	No			
Walkways	Yes	No			
Jogging tracks	Yes	No			
Ramps at entry gates for wheel chairs	Yes	No			
Bridges & Culverts	Yes	No			
Play Area	Yes	No			
Gazebos	Yes	No			
Benches/ sitting arrangements	Yes	No			
Boundary Wall & Gate	Yes	No			
Toilets	Yes	No			
Lakes & Brooks	Yes	No			
Mechanical Equipment					
Pumping Units	Yes	No			
Swings	Yes	No			
Children Games	Yes	No			
Fixtures	Yes	No			
Benches	Yes	No			
Sanitation & Water Supply					
Litter Bins	Yes	No			
Condition of SWM	Fair				
Toilet Fixtures	Yes	No			
Sewerage System	Yes	No			
Vegetation Cuttings & Disposal	Yes	No			
Drinking water availability and quality (based on availability of water quality test reports)	Not-Available				
Water Pipes	Yes	No			
HR					
Security Guards	Yes	No			
Landscape Experts	Yes	No			
Mali / Beldaar (Number)	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<div style="display: flex; justify-content: space-between;"> <div>Data Collected By: Mr. Abdullah</div> <div>Designation: Team Member</div> <div>  Sign & Date: 30 May 2023 </div> </div>					



Data Checked By: Mr. M. Fiaz	Designation: Team Lead	 Sign & Date: 30 May 2023
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Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A10		Park Asset Condition Assessment		Asset Code: _____ Date: 09-05-2023	
Name		Mini Park Allah Wala Chowk		<div> <div>Pictures</div>  </div>	
Location	Latitude	32.4340			
	Longitude	74.1150			
Area In Acres		0.1			
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)		MC			
Turfing Condition		Good	Fair		Poor
Approach Road		Good	Fair		Poor
Parking Lots		Yes	No		
Canteen Availability		Yes	No		
Average number of daily visitors (based on the assessment of MC staff)		Not-Available			
Any illegal occupants or encroachments observed-if yes, type		Yes	No		
Security system		Yes	No		
Watering & Irrigation					
Tube Well		Yes	No		
Water Supply from Municipal System		Yes	No		
Water Tank		Yes	No		
Pumping Unit		Yes	No		
Distribution Pipe Lines		Yes	No		
Valves		Yes	No		
Sprinkler System		Yes	No		
Ground water storage reservoirs/ponds		Yes	No		
Landscaping & Plantation					
Grass Beds		Yes	No		
Flower Beds		Yes	No		
Hedges		Yes	No		
Plants		Yes	No		
Number of trees and species (based on readily available information at MC)		Not-Available			
Lights					
Total Number		Not-Available			
Poles		Yes	No		
Cables		Yes	No		
Brackets And Lights		Yes	No		
Bulbs And Tubes		Yes	No		
Control Units		Yes	No		
Structures					
No. of Toilets	Gents	0			
	Ladies	0			

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A10	Park Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Condition of Toilets	Gents	-			
	Ladies	-			
Buildings	Yes	No			
Fountains & Water Fall Structure	Yes	No			
Walkways	Yes	No			
Jogging tracks	Yes	No			
Ramps at entry gates for wheel chairs	Yes	No			
Bridges & Culverts	Yes	No			
Play Area	Yes	No			
Gazebos	Yes	No			
Benches/ sitting arrangements	Yes	No			
Boundary Wall & Gate	Yes	No			
Toilets	Yes	No			
Lakes & Brooks	Yes	No			
Mechanical Equipment					
Pumping Units	Yes	No			
Swings	Yes	No			
Children Games	Yes	No			
Fixtures	Yes	No			
Benches	Yes	No			
Sanitation & Water Supply					
Litter Bins	Yes	No			
Condition of SWM	Fair				
Toilet Fixtures	Yes	No			
Sewerage System	Yes	No			
Vegetation Cuttings & Disposal	Yes	No			
Drinking water availability and quality (based on availability of water quality test reports)	Nt-Available				
Water Pipes	Yes	No			
HR					
Security Guards	Yes	No			
Landscape Experts	Yes	No			
Mali / Beldaar (Number)	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<div> <div>Data Collected By: Mr. Abdullah</div> <div>Designation: Team Member</div> <div>  Sign & Date: 30 May 2023 </div> </div>					

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Wazirabad		
Form: IDAMP-A10	Park Asset Condition Assessment	Asset Code: _____ Date: 09-05-2023
Data Checked By: Mr. M. Fiaz	Designation: Team Lead	 Sign & Date: 30 May 2023




6. Lands

A. Open Plots

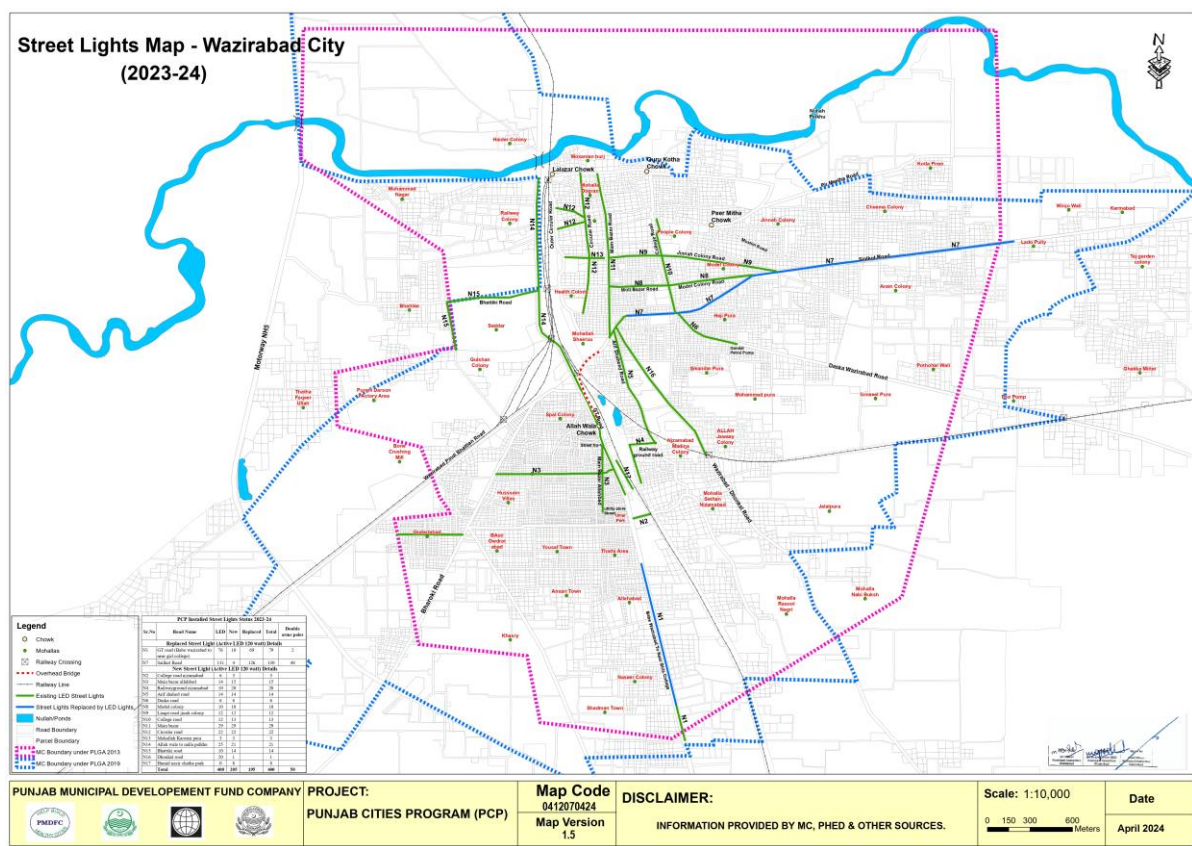
Sr #	Location	Condition	Area (Kanal)	Book Value (PKR Million)
1	Mohallah Sikander Pura, Wazirabad	Good	0.9	13
2	Near Lahori Gate, Wazirabad	Good	1.5	21
3	Galla Mandi, Wazirabad	Good	0.1	2.3
4	Haider Colony Open Plot, MC Wazirabad	Good	17.972	256.7

7. Office Vehicles

Sr #	Name	Registration Number	Age (Years)	Condition	Status	Book Value (PKR Million)	Capacity
1	Suzuki-Cultus	GAO-562	22	Fair	Functional	0.2	970cc

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Wazirabad					
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment			Asset Code: _____ Date: 09-05-2023	
Type of Vehicle / Machinery	Pictures				
Office Vachicles					
Model / Description					
Capacity					
Purpose	Chief Officer				
Year of Manufacturing	2001				
Model	Suzuki Cultus				
Capital Cost					
Fuel Consumption	27				
Condition	Fair				
Engine Capacity	970 CC				
Maintenance Cost	12,000				
Oiling /Fitness	Yes				
Fitness Certificate	No				
Registered	Yes				
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
Data Collected By: Mr. Abdullah	Designation: Team Member			 Sign & Date: 30 May 2023	
Data Checked By: Mr. M. Fiaz	Designation: Team Lead			 Sign & Date: 30 May 2023	

8. Street Light






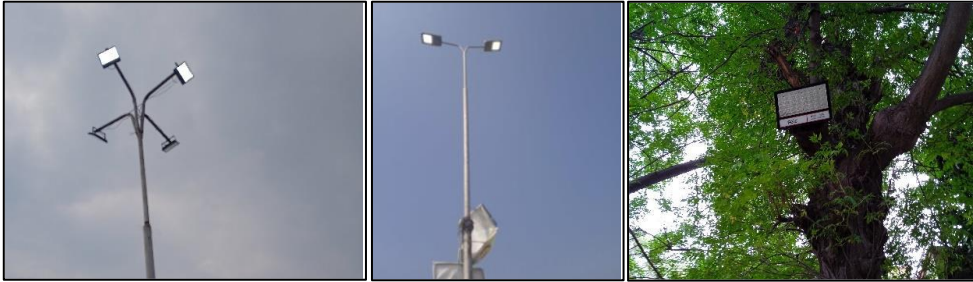


Inventory Detail of Streetlights

Description	Streetlights	MC Operated	Privately Operated
Operational Street Lights	1731	1731	-
Non-Operational Street Lights	661	661	-
Meter Disconnected	448	448	-
Total	2840	2840	0

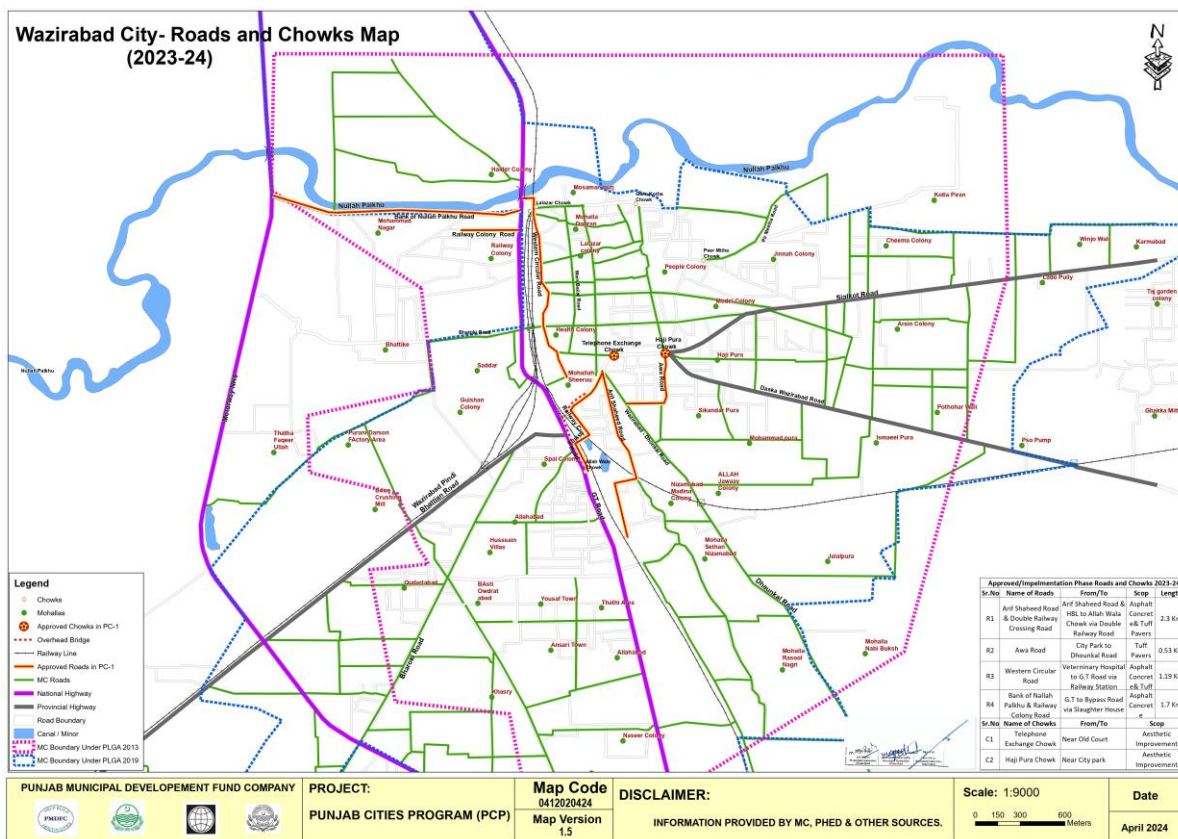
Details of Streetlight Poles

Operated by	Precast Concrete	Steel Structure	Tubular Steel	Wall Mounted	Grand Total
MC	192	218	258	1,304	1,971
Private	-	-	-	-	0

Integrated Development and Asset Management Plan (IDAMP)																		
Municipal Committee Wazirabad																		
Form: IDAMP-A9		Street Lights Asset Condition Assessment													Asset Code: Date: 09-05-2023			
Pictures																		
<div></div>																		
Area	Total	Type of Luminaries															Operational Status	
		So di u m (W)	Incand escent Bulb (W)	Led (W)										Tub e Lig ht (W)	CFL (W)			
				400	100	12	18	24	30	40	50	60	100		120	150		40
Bhatti Chowk G.T Road	69	15	13	42	905	12	12	59	93	32	24	383	17	12	32	12	68	Operational
Lahori Gate	182																	
Mini Park	37																	
Overhead Bridge	72																	
Mulana Zafar ali park puranisaraye	36																	
GaliArayan	460																	
Daska Road	59																	
Sialkot Road	85																	
Sialkot Road Near Islamabad Mor.	75																	
Ala-abad G.T Road opposite fiber gate Office	119																	
Muhammad Nagar Wazirabad	133																	
Bhatti K-Chowk	57																	
Qudrat Abad	49																	
G.T Road Near Girls School	70																	
Tajj Garden	77																	
Baba wazirabad	47																	
Islamabad Mor	65																	
Sikandar Pura	182																	
City Park	50																	
Balochi Gali No. 2	258																	



Integrated Development and Asset Management Plan (IDAMP)																			
Municipal Committee Wazirabad																			
Form: IDAMP-A9	Street Lights Asset Condition Assessment													Asset Code: Date: 09-05-2023					
Pictures																			
																			
Area	Total	Type of Luminaries														Operational Status			
		Sodium (W)	Incandescent Bulb (W)	Led (W)										Tube Light (W)	CFL (W)				
				400	100	12	18	24	30	40	50	60	100		120		150	40	12
Chatha Park Wazirabad	40																		
Nizama Bad Mohallah Wayan	181																		
People Chowk	258																		
Jaafriya Colony	54																		
Spall Colony	37																		
Nizama Bad MohallahSaithan	88																		
Total	2840	1731														Operational			
Remarks / Requirements																			
<ul style="list-style-type: none"> Out of the 2840 surveyed lights in the MC, 1731 lights were found to be operational. 																			
Data Collected By: Mr. Abdullah		Designation: Team Member												 Sign & Date: 30 May 2023					
Data Checked By: Mr. M. Fiaz		Designation: Team Lead												 Sign & Date: 30 May 2023					


Roads




Sr. #	Name of Road		TST, asphalt or concrete pavers	Paved width (ft)	Approx length (KM)	Condition
	From	To				
1	J.S Bank	Barket Pura Dhounkal Road	TST+RCC	10	1.68	Poor
2	Punjab Bank of Pakistan	Nizamabad	Asphalt	16	0.90	Poor
3	Chowk Haji Pura	Dhounkal Road	TST	12	0.60	Poor
4	Chowk Haji Pura	Chowk Goru Kottha	Tuff Pavers	20	0.30	Good
5	Chowk Goru Kottha	Sialkot Road	Asphalt	15	1.00	poor
6	Pipple Chowk	Islamabad More	Asphalt	20	0.80	Poor
7	Boys College	Pir Mittha	TST	12	1.5	Poor
8	Mission School	Islamabad More	Tuff Pavers	18	0.70	Good
9	Old sabzi Market	Bharoke Road	Asphalt	12	1.00	Poor
10	Darson factory	Bharoke Road	TST	16	1.5	Poor
11	Girls Gegree College	Nizamabad	Asphalt	16	0.30	Poor
12	Chowk Haji Pura	Al Badar Factory	Asphalt	20	1.25	Good
13	Sialkot Road	Nallah Palkhu	Tuff-Pavers	20	1.5	Good
14	Veterinary Hospital Circular Road	G.T Road	Tuff Pavers Concrete	16	1.5	Poor
15	Gallah Mahndi Shah	Circular Road	Asphalt	12	0.40	Good
16	Mission School	Circular Road	Tuff Pavers	18-20	0.60	Good
17	Lahori Gate	Musaman Burj Main Bazar	Tuff Pavers	25	1.00	Good
18	Daska Road	Sialkot Road	TST	12	1.00	Poor
19	End Main Bazar	Peeran Kottha Road	TST	12	1.5	Poor
20	HBL Bank	Double Railway Line	Concrete	15	0.5	Poor
21	Double Railway Line	G.T Road	TST	16	1.5	Poor
22	G.T Road	Bharoke Road Spal Colony Road	TST	12	0.75	Good
23	G.T Road	Qudratabad	Concrete	16	1.5	Good
24	Umar Marriage Hall	Shadman Town	Concrete	15	0.5	Good
25	G.T Road	Naseer Colony	Soling	12	0.5	Poor
26	Bharoke Road	Bone Crushing Mill	RCC	25	1.00	Good
27	G.T Road	Bhattike	RCC	15	1.00	Poor
28	G.T Road	Gulshan Majeed Colony	Concrete	12	0.5	Good
29	Sialkot Road	Disposal Works Cheema Colony	Concrete	15	0.5	Good
30	Sialkot Road	Pir Mittha Road	Tuff Pavers	20	0.5	Good

Sr. #	Name of Road		TST, asphalt or concrete pavers	Paved width (ft)	Approx length (KM)	Condition
	From	To				
31	Sialkot Road	Hawa Memorial Hospital	Tuff Pavers +Soling	15	0.40	Good

Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Wazirabad						
Form: IDAMP-A8	Road Asset Condition Assessment			Asset Code: _____ Date: _____		
Pictures						
						
Sr. No.	Name Of Road		TST, asphalt or concrete pavers	Paved (ft)	Approx length (KM)	Condition
	From	To				
1	J.S Bank	Barket Pura Dhounkal Road	TST+RCC	10	1.68	Poor
2	Punjab Bank of Pakistan	Nizamabad	Asphalt	16	0.90	Poor
3	Chowk Haji Pura	Dhounkal Road	TST	12	0.60	Poor
4	Chowk Haji Pura	Chowk Goru Kottha	Tuff Pavers	20	0.30	Good
5	Chowk Goru Kottha	Sialkot Road	Asphalt	15	1.00	poor
6	Pippel Chowk	Islamabad More	Asphalt	20	0.80	Poor
7	Boys College	Pir Mittha	TST	12	1.5	Poor
8	Mission School	Islamabad More	Tuff Pavers	18	0.70	Good
9	Old sabzi Market	Bharoke Road	Asphalt	12	1.00	Poor
10	Darson factory	Bharoke Road	TST	16	1.5	Poor
11	Girls Gegree College	Nizamabad	Asphalt	16	0.30	Poor
12	Chowk Haji Pura	Al Badar Factory	Asphalt	20	1.25	Good
13	Sialkot Road	Nallah Palkhu	Tuff Pavers	20	1.5	Good
14	Veterinary Hospital Circular Road	G.T Road	Tuff Pavers Concrete	16	1.5	Poor
15	Gallah Mahndi Shah	Circular Road	Asphalt	12	0.40	Good

Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Wazirabad						
Form: IDAMP-A8		Road Asset Condition Assessment			Asset Code: _____ Date: _____	
16	Mission School	Circular Road	Tuff Pavers	18-20	0.60	Good
17	Lahori Gate	Musaman Burj Main Bazar	Tuff Pavers	25	1.00	Good
18	Daska Road	Sialkot Road	TST	12	1.00	Poor
19	End Main Bazar	Peeran Kottha Road	TST	12	1.5	Poor
20	HBL Bank	Double Railway Line	Concrete	15	0.5	Poor
21	Double Railway Line	G.T Road	TST	16	1.5	Poor
22	G.T Road	Bharoke Road Spal Colony Road	TST	12	0.75	Good
23	G.T Road	Qudratabad	Concrete	16	1.5	Good
24	Umar Marriage Hall	Shadman Town	Concrete	15	0.5	Good
25	G.T Road	Naseer Colony	Soling	12	0.5	Poor
26	Bharoke Road	Bone Crushing Mill	RCC	25	1.00	Good
27	G.T Road	Bhattike	RCC	15	1.00	Poor
28	G.T Road	Gulshan Majeed Colony	Concrete	12	0.5	Good
29	Sialkot Road	Disposal Works Cheema Colony	Concrete	15	0.5	Good
30	Sialkot Road	Pir Mittha Road	Tuff Pavers	20	0.5	Good
31	Sialkot Road	Hawa Memorial Hospital	Tuff Pavers +Soling	15	0.40	Good
Remarks / Requirements						
Data Collected By: Mr. Abdullah		Designation: Team Member		 Sign & Date: 30 May 2023		

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Wazirabad		
Form: IDAMP-A8	Road Asset Condition Assessment	Asset Code: _____ Date: _____
Data Checked By: Mr. M. Fiaz	Designation: Team Lead	 Sign & Date: 30 May 2023

Annexure B. Projects Coding Scheme:

Region Name	Region Code	MC	MC Code	Property Types	Property Type Code	Sub Property Types	Sub Property Type Code	Unique Codes
Northern Punjab	01	Wazirabad	05	Water Supply System	01	Tube wells	01	01-06-01-01-XX
						Water Supply Network (ft)	02	01-06-01-02-XX
						OHR	03	01-06-01-03-XX
						Filtration Plants	04	01-06-01-04-XX
						Vehicles	05	01-06-01-05-XX
						GST	06	01-06-01-06-XX
				Sewerage System	02	Sewerage Network (ft)	01	01-06-02-01-XX
						Disposal Stations	02	01-06-02-02-XX
						Vehicles	03	01-06-02-03-XX
				Solid Waste Management System	03	Dumping site	01	01-06-03-01-XX
						Vehicles	02	01-06-03-02-XX
						Parking Shed	03	01-06-03-03-XX
				Roads and Streets	04	Roads	01	01-06-04-01-XX
						Street	02	01-06-04-02-XX
						Street light	03	01-06-04-03-XX
				Public Places	05	Parks	01	01-06-05-01-XX
						Playgrounds	02	01-06-05-02-XX
						Open Spaces / Plots	03	01-06-05-03-XX
						Bus Stand	04	01-06-05-04-XX
						Library	05	01-06-05-05-XX
						Slaughter Houses	06	01-06-05-06-XX
						Graveyards	07	01-06-05-07-XX
						Masjid/ Imam bargah	08	01-06-05-08-XX

Region Name	Region Code	MC	MC Code	Property Types	Property Type Code	Sub Property Types	Sub Property Type Code	Unique Codes
						Shops	09	01-06-05-09-XX
				Others	06	Office buildings	01	01-06-06-01-XX
						Office vehicles	02	01-06-06-02-XX
						Residential building	03	01-06-06-03-XX

Annexure C. Project Screening and Phasing

Project ID: 01-05-01-02-01

Project Description : Improvement and Rehabilitation of Water Supply Scheme in Wazirabad City

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Project Purpose & Service Delivery Improvement							
1.1	Does the project fill a gap in a wider system of service delivery?	30	10	2.5	Minor contribution	Significant contribution	10
				7.5	Major contribution		
				10	Significant contribution		
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	0	No contribution.	Major contribution to key development goal.	10
				2.5	Indirect contribution.		
				7.5	Minor direct contribution		
				10	Major contribution to key development goal.		
1.3	Whether the deference/ delay of the project is going to affect citizens’ health, safety, property, prosperity etc.?		10	0	No consequences	Major immediate consequences	10
				2.5	Minor consequences		
				7.5	Major future consequences		
				10	Major immediate consequences		
2. Public Response							
2.1	Population served by the project.	15	7.5	1	Less than 10%	Greater than 20%	7.5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				5	Between 10% to 20%		
			7.5	Greater than 20%			
2.2	Is there support or opposition for the project from NGO's, community groups, network, media or business organizations?		5	0	Majority opposition	Majority support	5
				1	Minority opposition		
				5	Majority support		
			2.5	Minority support			
2.3	Is there support or opposition from residents in the immediate vicinity of the new facility?		2.5	0	Majority opposition	Majority support	2.5
				0.5	Minority opposition		
				2.5	Majority support		
				1.5	Minority support		
3. Environmental Impact							
3.1	The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.	10	10	0	Negative effects on quality of the local environment	Positive effects on the quality of the local environment	10
				5	Neutral		
				10	Positive effects on the quality of the local environment		
4. Socio-Economic Impact							
4.1	Will the project bring in direct revenue?	15	7.5	0	No direct revenue	Direct revenue is not sufficient to meet O&M costs	2.5
				2.5	Direct revenue is not sufficient to meet O&M costs		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				5	Revenue meets O&M costs		
			7.5	Revenue exceeds O&M costs			
4.2	Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?		7.5	0	Negative impact on the local economy	Additional investment in the area and increased wealth for citizens	5
				2.5	Little or no long term economic development benefits		
				5	Additional investment in the area and increased wealth for citizens		
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease of Implementation							
5.1	Has land been acquired for the project (If required)?	30	10	10	Yes	Yes	10
				0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	5	Yes	Yes	5
				0	No		
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Standard	2.5
				2.5	Standard		
				5	Easy		
5.4	Ease of implementation of project in respect of technical design?		5	1	Difficult	Standard	3
				3	Standard		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1
				1	Outside expertise needed for construction phase only		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							84

Project ID: 01-05-01-02-02

Project Description : Improvement and rehabilitation of Water Supply Scheme in MC Wazirabad

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Project Purpose & Service Delivery Improvement							
1.1	Does the project fill a gap in a wider system of service delivery?	30	10	2.5	Minor contribution	Significant contribution	10
				7.5	Major contribution		
				10	Significant contribution		
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	0	No contribution.	Major contribution to key development goal.	10
				2.5	Indirect contribution.		
				7.5	Minor direct contribution		
				10	Major contribution to key development goal.		
1.3	Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.?		10	0	No consequences	Major immediate consequences	10
				2.5	Minor consequences		
				7.5	Major future consequences		
				10	Major immediate consequences		
2. Public Response							
2.1	Population served by the project.	15	7.5	1	Less than 10%	Greater than 20%	7.5
				5	Between 10% to 20%		
				7.5	Greater than 20%		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
2.2	Is there support or opposition for the project from NGO’s, community groups, network, media or business organizations?		5	0	Majority opposition	Majority support	5
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3	Is there support or opposition from residents in the immediate vicinity of the new facility?		2.5	0	Majority opposition	Majority support	2.5
				0.5	Minority opposition		
				2.5	Majority support		
				1.5	Minority support		
3. Environmental Impact							
3.1	The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.	10	10	0	Negative effects on quality of the local environment	Positive effects on the quality of the local environment	10
				5	Neutral		
				10	Positive effects on the quality of the local environment		
4. Socio-Economic Impact							
4.1	Will the project bring in direct revenue?	15	7.5	0	No direct revenue	Direct revenue is not sufficient to meet O&M costs	2.5
				2.5	Direct revenue is not sufficient to meet O&M costs		
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
4.2	Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?		7.5	0	Negative impact on the local economy	Additional investment in the area and increased wealth for citizens	5
				2.5	Little or no long term economic development benefits		
				5	Additional investment in the area and increased wealth for citizens		
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease of Implementation							
5.1	Has land been acquired for the project (If required)?	30	10	10	Yes	Yes	10
				0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	5	Yes	Yes	5
				0	No		
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Standard	2.5
				2.5	Standard		
				5	Easy		
5.4	Ease of implementation of project in respect of technical design?		5	1	Difficult	Standard	3
				3	Standard		
				5	Easy		
5.5			5	0	Outside expertise needed for construction, O&M		1

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there a capable system in place to implement and operate this project or is external support needed?			1	Outside expertise needed for construction phase only	Outside expertise needed for construction phase only	
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							84

Project ID: 01-05-01-06-01

Project Description : Construction of Underground Water Storage Tank

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Project Purpose & Service Delivery Improvement							
1.1	Does the project fill a gap in a wider system of service delivery?	30	10	2.5	Minor contribution	Significant contribution	10
				7.5	Major contribution		
				10	Significant contribution		
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	0	No contribution.	Major contribution to key development goal.	10
				2.5	Indirect contribution.		
				7.5	Minor direct contribution		
				10	Major contribution to key development goal.		
1.3	Whether the deference/ delay of the project is going to affect citizens’ health, safety, property, prosperity etc.?		10	0	No consequences	Major immediate consequences	10
				2.5	Minor consequences		
				7.5	Major future consequences		
				10	Major immediate consequences		
2. Public Response							
2.1	Population served by the project.	15	7.5	1	Less than 10%	Greater than 20%	7.5
				5	Between 10% to 20%		
				7.5	Greater than 20%		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
2.2	Is there support or opposition for the project from NGO’s, community groups, network, media or business organizations?		5	0	Majority opposition	Majority support	5
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3	Is there support or opposition from residents in the immediate vicinity of the new facility?		2.5	0	Majority opposition	Majority support	2.5
				0.5	Minority opposition		
				2.5	Majority support		
				1.5	Minority support		
3. Environmental Impact							
3.1	The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.	10	10	0	Negative effects on quality of the local environment	Positive effects on the quality of the local environment	10
				5	Neutral		
				10	Positive effects on the quality of the local environment		
4. Socio-Economic Impact							
4.1	Will the project bring in direct revenue?	15	7.5	0	No direct revenue	Direct revenue is not sufficient to meet O&M costs	2.5
				2.5	Direct revenue is not sufficient to meet O&M costs		
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
4.2	Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?		7.5	0	Negative impact on the local economy	Additional investment in the area and increased wealth for citizens	5
				2.5	Little or no long term economic development benefits		
				5	Additional investment in the area and increased wealth for citizens		
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease of Implementation							
5.1	Has land been acquired for the project (If required)?	30	10	10	Yes	Yes	10
				0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	5	Yes	Yes	5
				0	No		
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Standard	2.5
				2.5	Standard		
				5	Easy		
5.4	Ease of implementation of project in respect of technical design?		5	1	Difficult	Standard	3
				3	Standard		
				5	Easy		
5.5			5	0	Outside expertise needed for construction, O&M		1

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there a capable system in place to implement and operate this project or is external support needed?			1	Outside expertise needed for construction phase only	Outside expertise needed for construction phase only	
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							84

Project ID:

01-05-02-01-01

Project Description

Improvement of Existing Sewerage System, new Sewerage network along with WWTP for MC Wazirabad

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Project Purpose & Service Delivery Improvement							
1.1	Does the project fill a gap in a wider system of service delivery?	30	10	2.5	Minor contribution	Significant contribution	10
				7.5	Major contribution		
				10	Significant contribution		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	0	No contribution.	Major contribution to key development goal.	10
				2.5	Indirect contribution.		
				7.5	Minor direct contribution		
				10	Major contribution to key development goal.		
1.3	Whether the deference/ delay of the project is going to affect citizens’ health, safety, property, prosperity etc.?		10	0	No consequences	Major immediate consequences	10
				2.5	Minor consequences		
				7.5	Major future consequences		
				10	Major immediate consequences		
2. Public Response							
2.1	Population served by the project.	15	7.5	1	Less than 10%	Greater than 20%	7.5
				5	Between 10% to 20%		
				7.5	Greater than 20%		
2.2	Is there support or opposition for the project from NGO’s, community groups, network, media or business organizations?		5	0	Majority opposition	Majority support	5
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3	Is there support or opposition from residents in the immediate vicinity of the new facility?		2.5	0	Majority opposition	Majority support	2.5
				0.5	Minority opposition		
				2.5	Majority support		
				1.5	Minority support		
3. Environmental Impact							
3.1	The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.	10	10	0	Negative effects on quality of the local environment	Positive effects on the quality of the local environment	10
				5	Neutral		
				10	Positive effects on the quality of the local environment		
4. Socio-Economic Impact							
4.1	Will the project bring in direct revenue?	15	7.5	0	No direct revenue	No direct revenue	0

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				2.5	Direct revenue is not sufficient to meet O&M costs		
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
4.2	Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens’ expenditures, etc.?		7.5	0	Negative impact on the local economy	Additional investment in the area and increased wealth for citizens	5
				2.5	Little or no long term economic development benefits		
				5	Additional investment in the area and increased wealth for citizens		
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease of Implementation							
5.1	Has land been acquired for the project (If required)?	30	10	10	Yes	Yes	10
				0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	5	Yes	Yes	5
				0	No		
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Standard	2.5
				2.5	Standard		
				5	Easy		
5.4	Ease of implementation of project in respect of technical design?		5	1	Difficult	Standard	3
				3	Standard		
				5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1
				1	Outside expertise needed for construction phase only		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
Total Achieved Score							81.5

Project ID: 01-05-03-02-01

Project Description : Rehabilitation / Improvement of City Park and Molana Zafar Ali Khan Park

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Project Purpose & Service Delivery Improvement							
1.1	Does the project fill a gap in a wider system of service delivery?	30	10	2.5	Minor contribution	Major contribution	7.5
				7.5	Major contribution		
				10	Significant contribution		
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	0	No contribution.	Minor direct contribution	7.5
				2.5	Indirect contribution.		
				7.5	Minor direct contribution		
				10	Major contribution to key development goal.		
1.3	Whether the deference/ delay of the project is going to affect citizens’ health, safety, property, prosperity etc.?		10	0	No consequences	Minor consequences	2.5
				2.5	Minor consequences		
				7.5	Major future consequences		
				10	Major immediate consequences		
2. Public Response							
2.1	Population served by the project.	15	7.5	1	Less than 10%	Less than 10%	1
				5	Between 10% to 20%		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				7.5	Greater than 20%		
2.2	Is there support or opposition for the project from NGO’s, community groups, network, media or business organizations?		5	0	Majority opposition	Majority support	5
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3	Is there support or opposition from residents in the immediate vicinity of the new facility?	2.5	0	Majority opposition	Majority support	2.5	
			0.5	Minority opposition			
			2.5	Majority support			
			1.5	Minority support			
3. Environmental Impact							
3.1	The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.	10	10	0	Negative effects on quality of the local environment	Positive effects on the quality of the local environment	10
				5	Neutral		
				10	Positive effects on the quality of the local environment		
4. Socio-Economic Impact							
4.1	Will the project bring in direct revenue?	15	7.5	0	No direct revenue	No direct revenue	0
				2.5	Direct revenue is not sufficient to meet O&M costs		
				5	Revenue meets O&M costs		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				7.5	Revenue exceeds O&M costs		
4.2	Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens’ expenditures, etc.?		7.5	0	Negative impact on the local economy	Little or no long term economic development benefits	2.5
				2.5	Little or no long term economic development benefits		
				5	Additional investment in the area and increased wealth for citizens		
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease of Implementation							
5.1	Has land been acquired for the project (If required)?	30	10	10	Yes	Yes	10
				0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	5	Yes	Yes	5
				0	No		
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Standard	2.5
				2.5	Standard		
				5	Easy		
5.4	Ease of implementation of project in respect of technical design?		5	1	Difficult	Standard	3
				3	Standard		
				5	Easy		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1
				1	Outside expertise needed for construction phase only		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							60

Project ID:

01-05-05-06-01

Project Description :

Rehabilitation of slaughter house

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Project Purpose & Service Delivery Improvement							
1.1	Does the project fill a gap in a wider system of service delivery?	30	10	2.5	Minor contribution	Minor contribution	2.5
				7.5	Major contribution		
				10	Significant contribution		
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	0	No contribution.	Minor direct contribution	7.5
				2.5	Indirect contribution.		
				7.5	Minor direct contribution		
				10	Major contribution to key development goal.		
1.3	Whether the deference/ delay of the project is going to affect citizens’ health, safety, property, prosperity etc.?		10	0	No consequences	Major future consequences	7.5
				2.5	Minor consequences		
				7.5	Major future consequences		
		10		Major immediate consequences			
2. Public Response							
2.1	Population served by the project.	15	7.5	1	Less than 10%	Between 10% to 20%	5
				5	Between 10% to 20%		
				7.5	Greater than 20%		
2.2	Is there support or opposition for the project from NGO’s, community groups, network, media or business organizations?		5	0	Majority opposition	Majority support	5
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3	Is there support or opposition from residents in the immediate vicinity of the new facility?		2.5	0	Majority opposition	Majority support	2.5
				0.5	Minority opposition		
		2.5		Majority support			

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				1.5	Minority support		
3. Environmental Impact							
3.1	The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.	10	10	0	Negative effects on quality of the local environment	Positive effects on the quality of the local environment	10
				5	Neutral		
				10	Positive effects on the quality of the local environment		
4. Socio-Economic Impact							
4.1	Will the project bring in direct revenue?	15	7.5	0	No direct revenue	Direct revenue is not sufficient to meet O&M costs	2.5
				2.5	Direct revenue is not sufficient to meet O&M costs		
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
4.2	Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens’ expenditures, etc.?		7.5	0	Negative impact on the local economy	Little or no long term economic development benefits	2.5
				2.5	Little or no long term economic development benefits		
				5	Additional investment in the area and increased wealth for citizens		
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease of Implementation							
5.1	Has land been acquired for the project (If required)?	30	10	10	Yes	Yes	10
				0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	5	Yes	Yes	5
				0	No		
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Easy	5
				2.5	Standard		
				5	Easy		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
5.4	Ease of implementation of project in respect of technical design?		5	1	Difficult	Easy	5
				3	Standard		
				5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1
				1	Outside expertise needed for construction phase only		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							71

Project ID: 01-05-04-03-01

Project Description : Provision and installation of Street Lights in MC

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Project Purpose & Service Delivery Improvement							
1.1	Does the project fill a gap in a wider system of service delivery?	30	10	2.5	Minor contribution	Minor contribution	2.5
				7.5	Major contribution		
				10	Significant contribution		
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	0	No contribution.	Minor direct contribution	7.5
				2.5	Indirect contribution.		
				7.5	Minor direct contribution		
				10	Major contribution to key development goal.		
1.3	Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.?		10	0	No consequences	Minor consequences	2.5
				2.5	Minor consequences		
				7.5	Major future consequences		
				10	Major immediate consequences		
2. Public Response							
2.1	Population served by the project.	15	7.5	1	Less than 10%	Between 10% to 20%	5
				5	Between 10% to 20%		
				7.5	Greater than 20%		
2.2	Is there support or opposition for the project from NGO's, community groups, network, media or business organizations?		5	0	Majority opposition	Majority support	5
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3	Is there support or opposition from residents in the immediate vicinity of the new facility?		2.5	0	Majority opposition	Majority support	2.5
				0.5	Minority opposition		
				2.5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				1.5	Minority support		
3. Environmental Impact							
3.1	The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.	10	10	0	Negative effects on quality of the local environment	Neutral	5
				5	Neutral		
				10	Positive effects on the quality of the local environment		
4. Socio-Economic Impact							
4.1	Will the project bring in direct revenue?	15	7.5	0	No direct revenue	Direct revenue is not sufficient to meet O&M costs	2.5
				2.5	Direct revenue is not sufficient to meet O&M costs		
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
4.2	Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens’ expenditures, etc.?		7.5	0	Negative impact on the local economy	Little or no long term economic development benefits	2.5
				2.5	Little or no long term economic development benefits		
				5	Additional investment in the area and increased wealth for citizens		
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease of Implementation							
5.1	Has land been acquired for the project (If required)?	30	10	10	Yes	Yes	10
				0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	5	Yes	Yes	5
				0	No		
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Easy	5
				2.5	Standard		
				5	Easy		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
5.4	Ease of implementation of project in respect of technical design?		5	1	Difficult	Easy	5
				3	Standard		
				5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1
				1	Outside expertise needed for construction phase only		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							61

Project ID: 01-05-06-01-01

Project Description : Solarization of the municipal buildings

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Project Purpose & Service Delivery Improvement							
1.1	Does the project fill a gap in a wider system of service delivery?	30	10	2.5	Minor contribution	Major contribution	7.5
				7.5	Major contribution		
				10	Significant contribution		
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	0	No contribution.	Minor direct contribution	10
				2.5	Indirect contribution.		
				7.5	Minor direct contribution		
				10	Major contribution to key development goal.		
1.3	Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.?		10	0	No consequences	Minor consequences	2.5
				2.5	Minor consequences		
				7.5	Major future consequences		
				10	Major immediate consequences		
2. Public Response							
2.1	Population served by the project.	15	7.5	1	Less than 10%	Between 10% to 20%	1
				5	Between 10% to 20%		
				7.5	Greater than 20%		
2.2	Is there support or opposition for the project from NGO's, community groups, network, media or business organizations?		5	0	Majority opposition	Majority support	5
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3	Is there support or opposition from residents in the immediate vicinity of the new facility?		2.5	0	Majority opposition	Majority support	2.5
				0.5	Minority opposition		
				2.5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
				1.5	Minority support			
3. Environmental Impact								
3.1	The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.	10	10	0	Negative effects on quality of the local environment	Neutral	10	
				5	Neutral			
				10	Positive effects on the quality of the local environment			
4. Socio-Economic Impact								
4.1	Will the project bring in direct revenue?	15	7.5	0	No direct revenue	No direct revenue	7.5	
				2.5	Direct revenue is not sufficient to meet O&M costs			
				5	Revenue meets O&M costs			
				7.5	Revenue exceeds O&M costs			
4.2	Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens’ expenditures, etc.?		7.5	0	Negative impact on the local economy	Little or no long term economic development benefits	7.5	
				2.5	Little or no long term economic development benefits			
				5	Additional investment in the area and increased wealth for citizens			
				7.5	Significant competitive advantage to industry and boost to the local economy			
5. Ease of Implementation								
5.1	Has land been acquired for the project (If required)?		30	10	10	Yes	Yes	10
					0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?			5	5	Yes	Yes	5
					0	No		
5.3	Will the project get approval from higher levels of Government?			5	1	Difficult	Standard	5
					2.5	Standard		
					5	Easy		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
5.4	Ease of implementation of project in respect of technical design?		5	1	Difficult	Easy	5
				3	Standard		
				5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1
				1	Outside expertise needed for construction phase only		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							79.5

Project ID: 01-05-01-01-01

Project Description : Solarization of Tubewells and Water Supply System

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Project Purpose & Service Delivery Improvement							
1.1	Does the project fill a gap in a wider system of service delivery?	30	10	2.5	Minor contribution	Major contribution	7.5
				7.5	Major contribution		
				10	Significant contribution		
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	0	No contribution.	Major contribution to key development goal.	10
				2.5	Indirect contribution.		
				7.5	Minor direct contribution		
				10	Major contribution to key development goal.		
1.3	Whether the deference/ delay of the project is going to affect citizens’ health, safety, property, prosperity etc.?		10	0	No consequences	Minor consequences	2.5
				2.5	Minor consequences		
				7.5	Major future consequences		
		10		Major immediate consequences			
2. Public Response							
2.1	Population served by the project.	15	7.5	1	Less than 10%	Less than 10%	1
				5	Between 10% to 20%		
				7.5	Greater than 20%		
2.2	Is there support or opposition for the project from NGO’s, community groups, network, media or business organizations?		5	0	Majority opposition	Majority support	5
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3			2.5	0	Majority opposition	Majority support	2.5
				0.5	Minority opposition		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there support or opposition from residents in the immediate vicinity of the new facility?			2.5	Majority support		
				1.5	Minority support		
3. Environmental Impact							
3.1	The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.	10	10	0	Negative effects on quality of the local environment	Positive effects on the quality of the local environment	10
				5	Neutral		
				10	Positive effects on the quality of the local environment		
4. Socio-Economic Impact							
4.1	Will the project bring in direct revenue?	15	7.5	0	No direct revenue	Revenue exceeds O&M costs	7.5
				2.5	Direct revenue is not sufficient to meet O&M costs		
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
4.2	Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens’ expenditures, etc.?		7.5	0	Negative impact on the local economy	Additional investment in the area and increased wealth for citizens	7.5
				2.5	Little or no long term economic development benefits		
				5	Additional investment in the area and increased wealth for citizens		
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease of Implementation							
5.1	Has land been acquired for the project (If required)?	30	10	10	Yes	Yes	10
				0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether		5	5	Yes	Yes	5
				0	No		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	the external sources of funding have been secured?						
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Easy	5
				2.5	Standard		
				5	Easy		
5.4	Ease of implementation of project in respect of technical design?		5	1	Difficult	Easy	5
				3	Standard		
				5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1
				1	Outside expertise needed for construction phase only		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							79.5

Project ID:

01-05-04-01-01

Project Description :

Improvement and Rehabilitation of Roads & Chowks in MC Wazirabad

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Project Purpose & Service Delivery Improvement							
1.1	Does the project fill a gap in a wider system of service delivery?	30	10	2.5	Minor contribution	Significant contribution	10
				7.5	Major contribution		
				10	Significant contribution		
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	0	No contribution.	Major contribution to key development goal.	10
				2.5	Indirect contribution.		
				7.5	Minor direct contribution		
				10	Major contribution to key development goal.		
1.3	Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.?		10	0	No consequences	Major immediate consequences	10
				2.5	Minor consequences		
				7.5	Major future consequences		
				10	Major immediate consequences		
2. Public Response							
2.1	Population served by the project.	15	7.5	1	Less than 10%	Between 10% to 20%	5
				5	Between 10% to 20%		
				7.5	Greater than 20%		
2.2	Is there support or opposition for the project from NGO's, community groups, network, media or business organizations?		5	0	Majority opposition	Minority support	2.5
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3	Is there support or opposition from residents in the immediate vicinity of the new facility?		2.5	0	Majority opposition	Majority support	2.5
				0.5	Minority opposition		
				2.5	Majority support		
				1.5	Minority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
3. Environmental Impact							
3.1	The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.	10	10	0	Negative effects on quality of the local environment	Positive effects on the quality of the local environment	10
				5	Neutral		
				10	Positive effects on the quality of the local environment		
4. Socio-Economic Impact							
4.1	Will the project bring in direct revenue?	15	7.5	0	No direct revenue	Direct revenue is not sufficient to meet O&M costs	2.5
				2.5	Direct revenue is not sufficient to meet O&M costs		
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
4.2	Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?		7.5	0	Negative impact on the local economy	Additional investment in the area and increased wealth for citizens	5
				2.5	Little or no long term economic development benefits		
				5	Additional investment in the area and increased wealth for citizens		
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease of Implementation							
5.1	Has land been acquired for the project (If required)?	30	10	10	Yes	Yes	10
				0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	5	Yes	Yes	5
				0	No		
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Standard	2.5
				2.5	Standard		
				5	Easy		
5.4			5	1	Difficult	Standard	3

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Ease of implementation of project in respect of technical design?			3	Standard		
				5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O &M	Outside expertise needed for construction phase only	1
				1	Outside expertise needed for construction phase only		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							79

01-05-01-01-02

Solarization of Tube wells & Disposal Station

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Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
3. Environmental Impact							
3.1	The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.	10	10	0	Negative effects on quality of the local environment	Positive effects on the quality of the local environment	10
				5	Neutral		
				10	Positive effects on the quality of the local environment		
4. Socio-Economic Impact							
4.1	Will the project bring in direct revenue?	15	7.5	0	No direct revenue	Revenue exceeds O&M costs	7.5
				2.5	Direct revenue is not sufficient to meet O&M costs		
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
4.2	Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?		7.5	0	Negative impact on the local economy	Significant competitive advantage to industry and boost to the local economy	7.5
				2.5	Little or no long term economic development benefits		
				5	Additional investment in the area and increased wealth for citizens		
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease of Implementation							
5.1	Has land been acquired for the project (If required)?	30	10	10	Yes	Yes	10
				0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	5	Yes	Yes	5
				0	No		
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Easy	5
				2.5	Standard		
				5	Easy		
5.4			5	1	Difficult	Easy	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Ease of implementation of project in respect of technical design?			3	Standard		
				5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O &M	Outside expertise needed for construction phase only	1
				1	Outside expertise needed for construction phase only		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							79.5

Project ID: 01-05-01-02-03

Project Description : Modernization of Water and Wastewater
Management in Municipal Committee Wazirabad
through SCADA Implementation

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Project Purpose & Service Delivery Improvement							
1.1	Does the project fill a gap in a wider system of service delivery?	30	10	2.5	Minor contribution	Significant contribution	10
				7.5	Major contribution		
				10	Significant contribution		
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	0	No contribution.	Major contribution to key development goal.	10
				2.5	Indirect contribution.		
				7.5	Minor direct contribution		
				10	Major contribution to key development goal.		
1.3	Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.?		10	0	No consequences	Major immediate consequences	10
				2.5	Minor consequences		
				7.5	Major future consequences		
				10	Major immediate consequences		
2. Public Response							
2.1	Population served by the project.	15	7.5	1	Less than 10%	Greater than 20%	7.5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				5	Between 10% to 20%		
			7.5	Greater than 20%			
2.2	Is there support or opposition for the project from NGO's, community groups, network, media or business organizations?		5	0	Majority opposition	Majority support	5
				1	Minority opposition		
				5	Majority support		
			2.5	Minority support			
2.3	Is there support or opposition from residents in the immediate vicinity of the new facility?		2.5	0	Majority opposition	Majority support	2.5
				0.5	Minority opposition		
				2.5	Majority support		
				1.5	Minority support		
3. Environmental Impact							
3.1	The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.	10	10	0	Negative effects on quality of the local environment	Positive effects on the quality of the local environment	10
				5	Neutral		
				10	Positive effects on the quality of the local environment		
4. Socio-Economic Impact							
4.1	Will the project bring in direct revenue?	15	7.5	0	No direct revenue	Direct revenue is not sufficient to meet O&M costs	2.5
				2.5	Direct revenue is not sufficient to meet O&M costs		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
4.2	Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?		7.5	0	Negative impact on the local economy	Additional investment in the area and increased wealth for citizens	5
				2.5	Little or no long term economic development benefits		
				5	Additional investment in the area and increased wealth for citizens		
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease of Implementation							
5.1	Has land been acquired for the project (If required)?	30	10	10	Yes	Yes	10
				0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	5	Yes	Yes	5
				0	No		
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Standard	2.5
				2.5	Standard		
				5	Easy		
5.4	Ease of implementation of project in respect of technical design?		5	1	Difficult	Standard	3
				3	Standard		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1
				1	Outside expertise needed for construction phase only		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							84

Annexure D. Environmental and Social Considerations in IDAMP³

Section 1: Policy, Legal and Administrative Framework

This section provides an overview of the policy framework and national legislation that applies to the proposed project. The project is expected to comply with all national/provincial legislation regulations, EPA guidelines, World Bank Operational Policies and guidelines which are relevant and applicable to the sub-project.

1.1. Punjab Environment Protection Act 1997 (Amended 2012 & 2017)

Under Section 12 (and subsequent amendment in 2012 and then in 2017) of the PEPA (1997):

“a project falling under any category specified in Schedule I of the IEE/EIA Regulations 2022 requires the proponent of the project to file an IEE with the concerned provincial EPA while projects falling under any category specified in Schedule II require the proponent to file an EIA with the provincial agency, which is responsible for its review and accordance of approval or request any additional information deemed necessary”

In compliance of local legal framework, development of IEE/EIA reports and subsequent approval from the competent forums shall be mandatory for all new infrastructure projects.

Regulatory Clearances, Punjab EPA

In accordance with provincial regulatory requirements, an IEE/EIA satisfying the requirements of the Punjab Environmental Protection Act (amended 2012&2017) will be marked cleared by Punjab-EPA and No Objection Certificate (NOC) will be issued for it. MCs will ensure to obtain NOCs/approval from the competent forums before the execution of new infrastructure development projects.

³ The Environmental & Social Considerations have been provided by the Environment & Social Management (E&SM) team of PMDFC.

1.2. Guidelines for Environmental Assessment, Pakistan EPA

The Pak-EPA has published a set of environmental guidelines for conducting environmental assessments and the environmental management of different types of development projects. The guidelines that are relevant to the proposed projects are listed below:

- Guidelines for the Preparation and Review of Environmental Reports, Pakistan, EPA 1997.
- Guidelines for Public Consultations; Pakistan EPA May 1997

These guidelines have been adopted by the Punjab Environment Protection Agency after 18th amendment.

1.3. Punjab Environmental Quality Standards (PEQS)

The Punjab Environmental Quality Standards (PEQS), 2016 specify the following standards:

1. Punjab Environment Quality Standards for Drinking Water, 2016
2. Punjab Environment Quality Standards for Ambient Air, 2016
3. Punjab Environment Quality Standards for Noise, 2016
4. Punjab Environment Quality Standards for Municipal and Liquid Industrial Effluents, 2016

32 parameters of PEQs for drinking water shall be applicable to all water supply schemes/ projects/ subprojects (rehabilitation and new). PEQs for ambient air shall be applicable during rehabilitation or new construction of infrastructure development projects to analyze the emissions that may emerge from construction work machinery/equipment's. PEQs for noise shall also be applicable during rehabilitation or new construction of infrastructure development projects to analyze the emissions that may emerge from construction work machinery/equipment. PEQs for municipal and liquid waste shall be applicable to determine the quality of municipal wastewater where wastewater is to be treated.

1.4. Other Environment Related Legislations:

Sr. #	Act	Description	Applicability to sub-project
1.	Punjab Environment Protection Act, 1997 (as amended up to 2017)	The Act establishes the Environmental Protection Agency that deals with the preparation of national environmental policies, prepare & publish national environment report, ensure the enforcement of National Environmental Quality Standards, establishment of ambient air, water and land quality standards, measures to control environmental pollution. Additionally, under this Act, no proponent of a project shall commence construction or operation unless he has filed with the Provincial Agency an initial environmental examination or, where the project is likely to cause an adverse environmental effect, an Environmental Impact Assessment (EIA/ESIA), and has obtained from the approval in respect thereof.	Section 11,12,13 and 14 of PEPA, 2012 shall be applicable to all the new infrastructure projects.
2.	Punjab Environment Protection Review of IEE/EIA Regulations 2022	Provided that the proponent shall file an Initial Environmental Examination or Environmental Impact Assessment, if the project is likely to cause an adverse environmental impact	<ul style="list-style-type: none"> These regulations have two schedules I & II. As per schedule I the subprojects require submission of IEE report have to be prepared and as per schedule II the EIA of Subproject will be carried out.

Sr. #	Act	Description	Applicability to sub-project		
			The sector wise screening of MCs subprojects as per Punjab Environment protection review of IEE/EIA regulations 2000 are given below in Table.		
			Schedule	Sector	Clause
			Schedule I	Stormwater Drainage	F. Water management, dams, irrigation and flood protection 1. Small Dams and reservoirs 2. Irrigation and drainage projects
				Water supply	G. Water Supply and Treatment Water supply schemes and treatment plants with total cost less than Rs. 50 million
				Parks	I. Urban development and tourism 5. Urban development projects
				Waste	H. Waste disposal Non-hazardous scrap yard / warehouse
			Schedule II	Water supply, Sewerage System and treatment	F. Water supply, Sewerage System and treatment Water supply schemes and treatment plants (excluding the Reverse

Sr. #	Act	Description	Applicability to sub-project			
					Osmosis, Ultra filtration and such like) with total cost more than Rs. 50 million 2. Wastewater channels / Sewerage System Schemes 3. Combined Wastewater Treatment Plants with treatment capacity greater than 100m ³ /hr	
				Waste Storage and Disposal	G. Waste Storage and Disposal 1. Landfill sites 2. Waste Incinerators and autoclaves 3. Hazardous substance or waste storage warehouse	
3.	Delegations of power for Environment Approvals Rule 2017	According to these rules the powers of environmental approval are delegated to commissioner for specific types of projects	<ul style="list-style-type: none"> • Under PCP the clause of h, n and o are applicable. • clause h Construction of roads fallings within the jurisdiction of a district, expecting highways, expressways and motorways • Clause o solid waste management excepting landfills • Clause p water supply schemes /water purifications plants costing upto Rs. 20,000/- 			

Sr. #	Act	Description	Applicability to sub-project
4.	Notification No. SOG/EPD/5-86/2019 delegation of powers to Deputy Commissioner	According to this notification the powers of environmental approval are delegated to deputy commissioner for specific types of projects	Under PCP clause g is applicable Bus and Wagon stands od category C with area upto 8 kanal.
3.	Pakistan Penal Code, 1860	The Code deals with the offences where public or private property or human lives are affected due to intentional or accidental misconduct of an individual or organization. The Code also addresses control of noise, noxious emissions and disposal of effluents.	The provisions of the Penal Code, 1860 are applicable to the project in terms of penalties for effecting human lives and public property. It also addresses the control of noise, air emissions and effluent disposal.
4.	Motor Vehicle Rules, 1969	It defines powers and responsibilities of Motor Vehicle Examiners (MVEs). The establishment of MVE inspection system is one of the regulatory measures that can be taken to tackle the ambient air quality problems associated with the vehicular emissions during operation phase.	This act is applicable to the gaseous emission that will be released from the vehicles in operation phase at machinery used during construction phase of this subproject.
5.	The Land Acquisition Act, 1894	The Land Acquisition Act, 1894, is a “law for the acquisition of land needed for public purposes and for companies and for determining the amount of compensation to be paid on account of such acquisition”.	This act will not be triggered as no land acquisition is required.
6.	The Punjab Land Acquisition Rules, 1983,	It describes the land acquisition procedure for public purposes or for a company.	This act will be triggered as wherever land to be acquired for subproject. Such as in Swerage project, Construction of

Sr. #	Act	Description	Applicability to sub-project
			Wastewater treatment plants, installation of new tube wells etc.
7.	Pakistan Antiquities Act 1975 and Punjab Antiquities Amendment Act 2012	<p>The Punjab Antiquities Amendment Act, 2012 is adopted from the Pakistan Antiquities Act of 1975 with a few minor changes. The Antiquities Act, 1975 (amended in 1990) states the following:</p> <ul style="list-style-type: none"> • “Ancient” is any object that is at least 75 years old; • All accidental discoveries of artifacts must be reported to the Federal Department of Archaeology; • The Government is the owner of all buried antiquities discovered on any site, whether protected or otherwise; • All new construction within a distance of 200 feet from protected antiquities is forbidden; • No changes or repairs can be made to a protected monument, even if it is owned privately, without approval of the responsible authorities; and <p>The cultural heritage laws of Pakistan are uniformly applicable to all categories of sites regardless of their</p>	The law will be applicable to the project due to its provision that if any accidental archaeological discoveries may occur during the excavation works for the construction of sub-projects.

Sr. #	Act	Description	Applicability to sub-project
		state of preservation and classification as monuments of national or world heritage.	
8.	Punjab Restriction of Employment of Children Act, 2016	According to the sub-section 11(a) of this Act, an occupier who employs or permits a child (person under the age of 15 years) to work in an establishment shall be liable to punishment with imprisonment for a term which may extend to six months, but which shall not be less than seven days, and a mandatory fine between 10,000 and 50,000 rupees.	The relevance of this act to the project will be to prohibit child employment for construction related activities of the proposed sub- project and it will be applicable throughout the construction activities related to subprojects.
9.	The Punjab Occupational Safety and Health Act, 2019	<p>The Punjab Occupational Safety and Health Act, 2019 (IV of 2019) An Act to provide for occupational safety and health at workplace.</p> <p>It is necessary to make and consolidate the law for the occupational safety and health of the persons at workplace and to protect them against risks arising out of the occupational hazards; to promote safe and healthy working environment catering to the physiological and psychological needs of the employees at workplace and to provide for matters connected therewith or ancillary thereto.</p>	<p>The Punjab Occupational Safety and Health Act, 2019 relevant sections to the proposed projects are:</p> <p>8. Safety and Health, 10. Consultation 13. Notification and investigation of accidents, dangerous occurrences and occupational illness.</p> <p>Adopting this Act, PMDFC has developed SOPs for health and safety of the labor (including women workers) and communities which will be applicable for all the infrastructure related activities of new or rehabilitation subprojects.</p>

Sr. #	Act	Description	Applicability to sub-project
10	National Hazardous Waste Management Policy, 2022	A policy to facilitate the implementation of international treaties & Conventions on a national level to improve the definition & implementation of Hazardous Waste Management (HWM) for better environmental management, clarify institutional responsibilities related to HWM, and strengthen the management of hazardous & other wastes.	Policy measures shall be applicable whereas there is any risk of usage or generation of hazardous waste.
11	Protection Against Harassment of Women at the Workplace (Amended) Act, 2014	In this act major and minor penalties are mentioned.	This act is applicable for all the employees of MCs, LG&CDD and women labor (if involved for infrastructure development activities)
12	Punjab Labor Policy, 2018	Punjab Labor Policy, 2018 presents a policy document which directly addresses the child labor, bonded labor, gender discrimination, gender mainstreaming, labor protection, out of school children and lack of health facilities for the workers etc. Labor Policy of 2018 incorporates the key thematic areas regarding effective implementation of labor standards, social dialogue, improvements in workplace safety, living wages, awareness raising, excellence in labor inspections regime, imparting quality technical trainings through well-	This act is applicable for all the employees of MCs, LG&CDD and women labor (if involved for infrastructure development activities)

Sr. #	Act	Description	Applicability to sub-project
		improved Training Centers, simplification of labor laws, medical facilities for secured workers even after retirement, establishment of labor colonies and schools for workers' children, improvement in the wage fixation process and strengthening the role of Punjab Minimum Wages Board, efficient disbursement of welfare grants and gradual extension of labor protection frame-work.	
13	Punjab Local Government Act, 2019	<p>As per PLGA 2019 Functions of a Metropolitan Corporation, Municipal Corporation and Municipal Committee:</p> <p>Part I</p> <p>(g) Solid waste collection and disposal;</p> <p>(h) Sewerage collection and disposal including water management and treatment;</p> <p>(i) Building control and land use;</p> <p>(j) Births, deaths, marriages and divorce registration;</p> <p>(k) Museums and art galleries;</p> <p>(l) Open markets;</p> <p>(m) Livestock and agriculture markets;</p> <p>(n) Public parking facilities;</p> <p>(o) City roads and traffic management;</p>	All the related clauses of this Act shall be applicable for MCs.

Sr. #	Act	Description	Applicability to sub-project
		<p>(p) Public transport;</p> <p>(q) Abstraction of water for industrial and commercial purposes;</p> <p>(r) Emergency planning and relief;</p> <p>(s) Support to provincial agencies in prevention of crime and maintenance of public order; and</p> <p>(t) Regulatory enforcement in the functions assigned under Part 1 and 2 of this Schedule;</p> <p>Part 2</p> <p>(u) Establishment and management of pre-schools;</p> <p>(v) Libraries;</p> <p>(w) Drinking water supply;</p> <p>(x) Public convenances;</p> <p>(z) Children's services;</p> <p>(aa) Community safety;</p> <p>(bb) Arts and recreation;</p> <p>(cc) Public fairs and ceremonies;</p> <p>(dd) Sports;</p> <p>(ee) Environmental health, awareness and services;</p> <p>(ff) Parks and landscape development;</p> <p>(gg) Slaughtering of animals;</p>	

Sr. #	Act	Description	Applicability to sub-project
		(hh) Street lights; and (ii) Sign boards and street advertisements.	
14	Guidelines for Preparation and Review of Environment Reports, 1997	Guidelines for preparation and Review of Environmental Reports were issued by Pak EPA in 1997 under Pakistan Environment Protection Act, 1997 and are adopted by Punjab Environment protection Agency after 18 th Amendment. These guidelines describe the steps in IEE Preparation, format of IEE Reports, assessing impacts, mitigation and impact management, reporting, reviewing and decision making, monitoring and auditing and project management.	These guidelines shall be applicable during preparation and review of IEEs/EIAs of new infrastructure development projects.
15	Guidelines for Public Consultation, 1997	These guidelines address possible approaches to public consultation and techniques for designing an effective program of consultation that reaches all major stakeholders and ensures the incorporation of their concerns in any impact assessment study. The guidelines cover consultation, involvement, and participation of stakeholders; effective public consultation (planning, stages of an EIA where consultation is appropriate); and	Public consultation and citizens engagement is mandatory at projects planning and design phase and these guidelines shall be applicable for public consultation.

Sr. #	Act	Description	Applicability to sub-project
		facilitation of involvement (including the poor, women, and NGOs).	
16	Guidelines for Regulation of Disclosure of Environmental Information & Citizen Engagement 2020	<p>These guidelines give details about disclosure of environmental information. These guidelines have 2 parts:</p> <p>First part deals with Public Disclosure instructions regarding arrangement of public disclosure of environment information and maintenance of record in indexed form</p> <p>Second part is regarding Citizen Engagement, and it gives detailed information regarding citizen engagement and Grievance redress mechanism.</p>	These guidelines will be applicable for public disclosure of environment related information of IEEs/EIAs or any other interventions that may cause any harm to the environment.
17	Canal and Drainage Act 1873 and Amendment Act 2016	<p>The CDA focuses on construction and maintenance of drainage channels and defines powers to prohibit obstruction or order their removal. It also covers issues related to canal navigation. It briefly addresses issues relating to environmental pollution.</p> <p>Section 70(5) of the CDA clearly states that no one is allowed to “corrupt or foul the water of any canal so as to render it less fit for the purposes for which it is ordinarily used.”</p>	This act shall be applicable for all the subprojects of MCs where untreated wastewater is being dispose off to the irrigation canals.

Sr. #	Act	Description	Applicability to sub-project
		In addition, Section 73 of the CDA gives power to arrest without warrant or to be taken before the magistrate a person who has willfully damaged or obstructed the canal or “rendered it less useful.”	
18	Punjab Wildlife Protection, Conservation and Management Act, 1974	The Act requires the protection of wildlife species declared as endangered/threatened and rare. It gives protection to these species by declaring their natural living environment as protected and reserved, which includes areas such as national parks, wildlife sanctuaries, and game reserves.	This act shall be applicable in case any harm to wildlife is assessed at the stage of early screening or if there is any potential risk identified to the wildlife during or after execution of the subprojects/projects related to infrastructure development and municipal service delivery.
19	Guidelines and Checklists adopted by GOP after 18th Amendment	<p>Punjab EPA has also designed the following Guidelines/Checklists for IEE/EIA Projects:</p> <p>Check List for IEE (updated September 2020)</p> <p>Check List for EIA (updated September 2020)</p> <p>After 18th Amendment, Punjab EPA has adopted the following sectoral Guidelines that were prepared by other provinces and were earlier adopted by Pak EPA:</p> <ul style="list-style-type: none"> ✓ Poultry Farms ✓ Urban Roads ✓ Rural Schools ✓ Housing Schemes 	<p>Checklists for IEE and EIA shall be applicable to all the new infrastructure development projects.</p> <p>Following Guidelines shall be applicable for MC’s municipal service delivery projects:</p> <ul style="list-style-type: none"> ✓ Urban Roads ✓ Water Supply ✓ Sanitation Schemes ✓ Major Sewerage Schemes

Sr. #	Act	Description	Applicability to sub-project
		<ul style="list-style-type: none"> ✓ Petrol & CNG ✓ Forest Road ✓ Forest Harvesting ✓ Water Supply ✓ Tourist Facilities ✓ Sanitation Schemes ✓ Major Chemicals and Manufacturing Plants ✓ Flour Mills ✓ Carpet Manufacturing ✓ Housing Estates and New Town Development ✓ Industrial Estate ✓ Major Roads ✓ Major Sewerage Schemes ✓ Stone Crushers ✓ Marble Units ✓ Oil & Gas Exploration 	

Section 2: Environmental & Social Categorization

2.1. Environmental Screening and Categorization of Sub-Projects

Based upon the Screening Checklists, following table will be used to for environmental screening of the identified sub-projects/projects and further documentation requirements. This classification is preliminary and will be finalized when the exact locations and scale of the sub-projects are identified, and screening checklist will be filled in for each of the sub-project/project.

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
1.	Waste Management					
	Solid Waste	Collection Equipment, Collection Bins	Negligible environmental impacts	E3	S3	Applicability of PMDFC EHS SOPs for SWM Machinery/Equipment
	Liquid Waste	Sludge ponds	May have some negative but localized environmental and social impacts	E2	S2	ESMP
		Community septic tanks	May have some negative but localized environmental and social impacts	E2	S2	ESMP
		Vacuum Trucks, Vacuum Handcarts and others	Negligible environmental impacts	E3	S3	NA
		Construction of Waste Water Treatment Plants	May have significant environmental impacts	E1	S2/S1	IEE/EIA as per nature of impacts and Schedule I and II of PEPA Review of IEE/EIA Regulations 2022.

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
2.	Water Supply					
		Water supply pumps / tube wells	May have negligible environmental impacts	E3	S3	NA
		Overhead reservoirs (OHRs)	May have negligible environmental impacts	E2	S2	ESMP
		Water Supply distribution network	May have some negative to significant environmental and social impacts depending upon the scope of work	E1 or E2	S1 or S2	ESMP for repair and maintenance of existing network or IEE/EIA for new sub-projects as per scope of work and environmental impacts and categorization given in Schedule I and II of PEPA Review of IEE/EIA Regulations 2000
3.	Storm Water Drainage					
	Urban drainage systems Open Drainage System Covered Drains		May have some negative to significant environmental and social impacts depending upon the scope of work	E1 or E2	S1 or S2	ESMP for repair and maintenance of existing systems or IEE/EIA for new sub-projects as per scope of work and environmental impacts and categorization given in Schedule I and II of PEPA Review of IEE/EIA Regulations 2000
	Flood control systems		May have some negative to significant environmental and social impacts depending upon the scope of work	E1 or E2	S2	ESMP for repair and maintenance of existing system or IEE/EIA for new sub-project as per scope of work and environmental impacts and

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
						categorization given in Schedule I and II of PEPA Review of IEE/EIA Regulations 2000
4.	Connectivity					
	Rehabilitation and maintenance of urban roads ⁴	May have some negative but localized environmental and social impacts	E2	S2S	ESMP	
	Pedestrian walkways, Bicycle paths	May have negligible environmental impacts	E2	S2	ESMP	
	Streets and security lights, and road signs	May have negligible environmental impacts	E3	S3	NA	
	Construction of Bus Workshops	May have some negative but localized environmental and social impacts	E2	S2	ESMP	
	Rehabilitation of Bus Stands/Terminals ⁵	May have negligible environmental impacts	E2	E2	ESMP	
5.	Social and Livability Infrastructure					
	Urban greenery and public spaces	May have negligible environmental impacts	E2	S2	ESMP	
	Construction of Community Parks ⁶	May have some negative but localized environmental and social impacts	E2/E1	S2/S1	ESMP/IEE/EIA	
	Rehabilitation /Maintenance of Community Parks	May have negligible environmental impacts	E2	S2	ESMP	

4 After 18th Amendment, Punjab EPA has adopted the Checklists/Guidelines adopted by the Pakistan EPA (as it is). Punjab EPA has adopted Checklists/Guidelines developed by KPK and Balochistan for Small to medium water supply schemes, sanitation schemes, small and medium sized road construction and expansion in urban areas and construction and expansion of bus terminals. These Checklists/Guidelines will be used for the mentioned subprojects of PCP adopted by Punjab EPA

5 According to a notification by Punjab EPA vide No. Dir (EIA)/01/2017 dated 29-05-2017, Bus and Wagon stands of Category C with area upto 8 kanals, are exempted from IEE/EIA

6 Parks will be constructed on already allocated lands (for community parks) by Local Government

Section 3: Budget Allocation

To carryout Environmental Assessment as per ESMF-PCP and PEPA, there is need to allocate budget in PC-I.

The IEE/EIA/ESMPs of each sub-project will be included in the bidding documents and the contracts. In this manner, the social and environmental management instruments will be included in the overall scope of works/services and BOQs, and the contractor will implement the mitigation measures included in the contracts alongside other works/services.

Activity	Budget Allocation (PKR)
Environmental Impact Assessment (EIA)	
Hiring of Environmental Consultant	100,0000-15,0000
Implementation of EIA	100,0000
EIA Submission fee	30,000
Initial Environmental Examination (IEE)	
Hiring of Environmental Consultant	500,000-800,000
Implementation of IEE	500,000- 700,000
IEE Submission fee	15, 000

Section 4: Monitoring & Supervision

Environment Focal Person (EFP) and Social Focal Point (SFP) and MCs of their respective region to monitor the contractor to ensure complete and proper implementation of the works/services in accordance with the contract. During this phase, environmental and social monitoring will be carried out to ensure that the mitigation measures given in the IEE/EIA/ESMPs are effectively implemented. The environmental and social monitoring will include the following:

- Environmental and social monitoring to ensure effective implementation of ESMPs and EMPs particularly the mitigation measures included in these documents.
- The monitoring will be conducted with the help of checklists prepared on the basis of the mitigation plans included in environmental and social management instruments.
- Laboratory analysis will be conducted if specified in the ESMPs.
- Photographic records will be maintained where applicable/useful.
- Preparation of monitoring reports.

Annexure E. Project Appraisal

Project ID: 01-05-06-01-01

Project Description : Solarization of the municipal buildings

Sr. No.	Description	Unit	Value	Remarks
1	Net Present Value (NPV)	Rs.	28	
2	Financial Internal Rate of Return (FIRR)	%	23%	
3	Benefit Cost Ratio (BCR)	Ratio	10.43	
4	Payback Period	Years	6.5	

Year No.	Year	Costs			Benefits				Net (Cost)/ Benefits H=G-C	PV @ % 22.32	
		Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction	Total Benefits		Discount Factor	PV
		A	B	C=A+B	D	E	F	G=D+E+F		$I=(1.22.32)^{-n}$	$J=H \times I$
0	2023-2024	300.00		300				-	(300)	1	(300)
1	2024-2025		1.50	2			30.00	30	29	0.82	23
2	2025-2026		1.74	2			34.84	35	33	0.67	22
3	2026-2027		2.02	2			40.45	40	38	0.55	21
4	2027-2028		2.35	2			46.97	47	45	0.45	20
5	2028-2029		2.73	3			54.54	55	52	0.37	19
6	2029-2030		3.17	3			63.34	63	60	0.30	18
7	2030-2031		3.68	4			73.55	74	70	0.24	17
8	2031-2032		4.27	4			85.40	85	81	0.20	16
9	2032-2033		4.96	5			99.17	99	94	0.16	15
10	2033-2034		5.76	6			115.16	115	109	0.13	15
11	2034-2035		6.69	7			133.72	134	127	0.11	14
12	2035-2036		7.76	8			155.27	155	148	0.09	13
13	2036-2037		9.02	9			180.30	180	171	0.07	12
14	2037-2038		10.47	10			209.37	209	199	0.06	12
15	2038-2039		12.16	12			243.12	243	231	0.05	11
16	2039-2040		14.12	14			282.31	282	268	0.04	11
17	2040-2041		16.39	16			327.82	328	311	0.03	10
18	2041-2042		19.03	19			380.66	381	362	0.03	10
19	2042-2043		22.10	22			442.03	442	420	0.02	9
20	2043-2044		25.66	26			513.28	513	488	0.02	9
21	2044-2045		29.80	30			596.02	596	566	0.01	8
22	2045-2046		34.60	35			692.10	692	657	0.01	8
23	2046-2047		40.18	40			803.67	804	763	0.01	7
24	2047-2048		46.66	47			933.22	933	887	0.01	7
Total		300	327	627	-	-	6,536	6,536	5,909		28

Assumptions for Financial Appraisal

Costs:

- 1 Capital cost of the Project incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.
- 2 Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.
- 3 Inflation rate is taken for O&M costs @ 16.12%, which is average inflation of last 5 years.

Benefits:

- 4 Benefits include the potential saving in the electricity cost.
- 5 Inflation rate is applied at cost savings @ 16.12%, which is average inflation of last 5 years.
- 6 Residual Value had been taken as nil.

Estimated Project Life:

- 7 The life estimates of assets are compiled after review of design criteria for MC assets and international best practices. The Life Estimates taken in IDAMP are as follow:

Asset	Useful Life
Buildings/ Civil Works	25
Tubewell Pumps	15
Disposal Pumps	15
OHR	50
Water Pipelines	25
Rising Mains/ Transmission Mains	25
Sewerage/ RCC Pipelines	25
Vehicles	10
Machinery & Equipment	15

Macro-economic Indicators

- 8 The discount rate used for computation of present value of cash flows is taken @ 22.32 % per annum, which is KIBOR prescribed by State Bank of Pakistan as at April 11, 2023.
- 9 Exchange rate is taken as 284.65 PKR/ USD as per Exchange Rates for Mark to Market Revaluation provided at State Bank of Pakistan at April 07, 2023.

Project ID: 01-05-01-06-01

Project Description : Construction of Underground Water Storage Tank

Sr. No.	Description	Unit	Value	Remarks
1	Net Present Value (NPV)	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%	Rs.	356
2	Financial Internal Rate of Return (FIRR)	FIRR	%	29%
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	6.37
4	Payback Period	PBP= Capital costs ÷ Annual Net Benefits	Years	7.25

Year No.	Year	Costs			Benefits				Net (Cost)/ Benefits	PV @ % 22.32	
		Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction	Total Benefits		Discount Factor	PV
		A	B	C=A+B	D	E	F	G=D+E+F		$I=(1.22.32)^n$	$J=H/I$
0	2023-2024	150.00		150				-	(150)	1	(150)
1	2024-2025	300.00		300				-	(300)	0.82	(245)
2	2025-2026	150.00	15.00	165				-	(165)	0.67	(110)
3	2026-2027		17.42	17	132.00			132	115	0.55	63
4	2027-2028		20.23	20	153.28			153	133	0.45	59
5	2028-2029		23.49	23	177.99			178	155	0.37	56
6	2029-2030		27.27	27	206.68			207	179	0.30	54
7	2030-2031		31.67	32	239.99			240	208	0.24	51
8	2031-2032		36.77	37	278.68			279	242	0.20	48
9	2032-2033		42.70	43	323.61			324	281	0.16	46
10	2033-2034		49.58	50	375.77			376	326	0.13	44
11	2034-2035		57.58	58	436.35			436	379	0.11	41
12	2035-2036		66.86	67	506.68			507	440	0.09	39
13	2036-2037		77.64	78	588.36			588	511	0.07	37
14	2037-2038		90.15	90	683.21			683	593	0.06	35
15	2038-2039		104.68	105	793.34			793	689	0.05	34
16	2039-2040		121.56	122	921.22			921	800	0.04	32
17	2040-2041		141.16	141	1,069.73			1,070	929	0.03	30
18	2041-2042		163.91	164	1,242.17			1,242	1,078	0.03	29
19	2042-2043		190.33	190	1,442.40			1,442	1,252	0.02	27
20	2043-2044		221.01	221	1,674.92			1,675	1,454	0.02	26
21	2044-2045		256.64	257	1,944.91			1,945	1,688	0.01	25
22	2045-2046		298.01	298	2,258.43			2,258	1,960	0.01	23
23	2046-2047		346.05	346	2,622.49			2,622	2,276	0.01	22
24	2047-2048		401.83	402	3,045.24			3,045	2,643	0.01	21
25	2048-2049		466.61	467	3,536.13			3,536	3,070	0.01	20
Total		600	3,268	3,868	24,654	-	-	24,654	20,785		356

Assumptions for Financial Appraisal

Costs:

- 1 Capital cost of the Project incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.
- 2 Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.
- 3 Inflation rate is taken for O&M costs @ 16.12%, which is average inflation of last 5 years.

Benefits:

- 4 Benefits include the potential saving in the electricity cost.
- 5 Inflation rate is applied at cost savings @ 16.12%, which is average inflation of last 5 years.
- 6 Residual Value had been taken as nil.

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Disposal Pumps	15
OHR	50
Water Pipelines	25
Rising Mains/ Transmission Mains	25
Sewerage/ RCC Pipelines	25
Vehicles	10
Machinery & Equipment	15

Macro-economic Indicators

- 8 The discount rate used for computation of present value of cash flows is taken @ 22.32 % per anum, which is KIBOR prescribed by State Bank of Pakistan as at April 11, 2023.
- 9 Exchange rate is taken as 284.65 PKR/ USD as per Exchange Rates for Mark to Market Revaluation provided at State Bank of Pakistan at April 07, 2023.

Project ID: 01-05-01-01-01

Project Description : Solarization of Tubewells and Water Supply System

Sr. No.	Description		Unit	Value	Remarks
1	Net Present Value (NPV)	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%	Rs.	113	
2	Financial Internal Rate of Return (FIRR)	FIRR	%	29%	
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	15.36	
4	Payback Period	PBP= Capital costs ÷ Annual Net Benefits	Years	7.25	

Year No.	Year	Costs			Benefits			Net (Cost)/ Benefits	PV @ % 22.32	
		Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction		Discount Factor	PV
		A	B	C=A+B	D	E	F		H=G-C	I=(1.22.32) ⁿ J=HxI
0	2023-2024	165.00	0.83	166			-	(166)	1	(166)
1	2024-2025		0.96	1	24.75		25	24	0.82	19
2	2025-2026		1.11	1	28.74		29	28	0.67	18
3	2026-2027		1.29	1	33.37		33	32	0.55	18
4	2027-2028		1.50	1	38.75		39	37	0.45	17
5	2028-2029		1.74	2	45.00		45	43	0.37	16
6	2029-2030		2.02	2	52.25		52	50	0.30	15
7	2030-2031		2.35	2	60.68		61	58	0.24	14
8	2031-2032		2.73	3	70.46		70	68	0.20	14
9	2032-2033		3.17	3	81.81		82	79	0.16	13
10	2033-2034		3.68	4	95.00		95	91	0.13	12
11	2034-2035		4.27	4	110.32		110	106	0.11	12
12	2035-2036		4.96	5	128.10		128	123	0.09	11
13	2036-2037		5.76	6	148.75		149	143	0.07	10
14	2037-2038		6.69	7	172.73		173	166	0.06	10
15	2038-2039		7.76	8	200.57		201	193	0.05	9
16	2039-2040		9.02	9	232.91		233	224	0.04	9
17	2040-2041		10.47	10	270.45		270	260	0.03	8
18	2041-2042		12.16	12	314.05		314	302	0.03	8
19	2042-2043		14.12	14	364.67		365	351	0.02	8
20	2043-2044		16.39	16	423.46		423	407	0.02	7
21	2044-2045		19.03	19	491.72		492	473	0.01	7
22	2045-2046		22.10	22	570.98		571	549	0.01	7
23	2046-2047		25.66	26	663.02		663	637	0.01	6
24	2047-2048		29.80	30	769.90		770	740	0.01	6
25	2048-2049		34.60	35	894.01		894	859	0.01	6
Total		165	244	409	6,286	-	-	6,286	5,877	113

Assumptions for Financial Appraisal

Costs:

- 1 Capital cost of the Project incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.
- 2 Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.
- 3 Inflation rate is taken for O&M costs @ 16.12%, which is average inflation of last 5 years.

Benefits:

- 4 Benefits include the potential saving in the electricity cost.
- 5 Inflation rate is applied at cost savings @ 16.12%, which is average inflation of last 5 years.
- 6 Residual Value had been taken as nil.

Estimated Project Life:

- 7 The life estimates of assets are compiled after review of design criteria for MC assets and international best practices. The Life Estimates taken in IDAMP are as follow:

Asset	Useful Life
Buildings/ Civil Works	25
Tubewell Pumps	15
Disposal Pumps	15
OHR	50
Water Pipelines	25
Rising Mains/ Transmission Mains	25
Sewerage/ RCC Pipelines	25
Vehicles	10
Machinery & Equipment	15

Macro-economic Indicators

- 8 The discount rate used for computation of present value of cash flows is taken @ 22.32 % per annum, which is KIBOR prescribed by State Bank of Pakistan as at April 11, 2023.
- 9 Exchange rate is taken as 284.65 PKR/ USD as per Exchange Rates for Mark to Market Revaluation provided at State Bank of Pakistan at April 07, 2023.

Project ID: 01-05-01-01-02

Project Description : Solarization of Tube wells & Disposal Station

Sr. No.	Description		Unit	Value	Remarks
1	Net Present Value (NPV)	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%	Rs.	2	
2	Financial Internal Rate of Return (FIRR)	FIRR	%	22%	
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	2.41	
4	Payback Period	PBP= Capital costs ÷ Annual Net Benefits	Years	7.25	

Year No.	Year	Costs			Benefits				Net (Cost)/ Benefits	PV @ % 22.32	
		Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction	Total Benefits		Discount Factor	PV
		A	B	C=A+B	D	E	F	G=D+E+F		I=(1.22.32)^n	J=HxI
0	2023-2024	58.40	2.92	61				-	(61)	1	(61)
1	2024-2025		3.39	3	8.76			9	5	0.82	4
2	2025-2026		3.94	4	10.17			10	6	0.67	4
3	2026-2027		4.57	5	11.81			12	7	0.55	4
4	2027-2028		5.31	5	13.72			14	8	0.45	4
5	2028-2029		6.16	6	15.93			16	10	0.37	4
6	2029-2030		7.16	7	18.49			18	11	0.30	3
7	2030-2031		8.31	8	21.48			21	13	0.24	3
8	2031-2032		9.65	10	24.94			25	15	0.20	3
9	2032-2033		11.21	11	28.96			29	18	0.16	3
10	2033-2034		13.02	13	33.63			34	21	0.13	3
11	2034-2035		15.11	15	39.05			39	24	0.11	3
12	2035-2036		17.55	18	45.34			45	28	0.09	2
13	2036-2037		20.38	20	52.65			53	32	0.07	2
14	2037-2038		23.66	24	61.14			61	37	0.06	2
15	2038-2039		27.48	27	70.99			71	44	0.05	2
16	2039-2040		31.91	32	82.43			82	51	0.04	2
17	2040-2041		37.05	37	95.72			96	59	0.03	2
18	2041-2042		43.02	43	111.15			111	68	0.03	2
19	2042-2043		49.96	50	129.07			129	79	0.02	2
20	2043-2044		58.01	58	149.88			150	92	0.02	2
21	2044-2045		67.36	67	174.04			174	107	0.01	2
22	2045-2046		78.22	78	202.09			202	124	0.01	1
23	2046-2047		90.83	91	234.67			235	144	0.01	1
24	2047-2048		105.48	105	272.50			272	167	0.01	1
25	2048-2049		122.48	122	316.43			316	194	0.01	1
Total		58	864	923	2,225	-	-	2,225	1,302		2

Assumptions for Financial Appraisal

Costs:

- 1 Capital cost of the Project incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.
- 2 Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.
- 3 Inflation rate is taken for O&M costs @ 16.12%, which is average inflation of last 5 years.

Benefits:

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- 6 Residual Value had been taken as nil.

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Disposal Pumps	15
OHR	50
Water Pipelines	25
Rising Mains/ Transmission Mains	25
Sewerage/ RCC Pipelines	25
Vehicles	10
Machinery & Equipment	15

Macro-economic Indicators

- 8 The discount rate used for computation of present value of cash flows is taken @ 22.32 % per annum, which is KIBOR prescribed by State Bank of Pakistan as at April 11, 2023.
- 9 Exchange rate is taken as 284.65 PKR/ USD as per Exchange Rates for Mark to Market Revaluation provided at State Bank of Pakistan at April 07, 2023.

Annexure F. Stakeholder's Consultative Session



Consultative Session - Wazirabad.pdf

2022-23



Consultative
Session_Wazirabad.pc

2023-2024

Annexure G. Cost Estimates for Operation & Maintenance of water supply systems for the budgeted year (2023-2024)

Summary of Cost		
Sub Head No	Sub Head	Total Cost (Rs)
1	Man power (Annex-A-1)	14,100,475
2	Electricity charges (Annex-B-1)	44,437,728
3	Repairs & Replacements (Annex-C-1)	3,932,700
4	Supply items (Annex-D-1)	-
	POL	
	Contingencies	
	Grand Total	62,470,903
	Grand Total	62,470,903
	Say (million Rs)	62.47

Annexure H. Cost Estimates for Operation & Maintenance of sewerage systems for the budgeted year (2023-2024)

Summary of Cost		
Sub Head No	Sub Head	Total Cost
1	Man power (Annex-A-2)	5,352,689
2	Electricity charges (Annex-B-2)	14,703,660
3	Repairs & Replacements (Annex-C-2)	3,419,995
4	Supply items (Annex-D-2)	-
	POL	-
	Contingencies	
	Grand Total	23,476,344
	Grand Total	23,476,344
	Say (million Rs)	31.5

Annexure I. Cost Estimates for Operation & Maintenance of solid waste management for the budgeted year (2023-2024)

Summary of Cost		
Sub Head No	Sub Head	Total Cost
1	Man power (Annex-A-3)	88,562,923
2	Energy Charges (Annex-B-3)	-
3	Repairs & Replacements (Annex-C-3)	7,655,000
4	Supply items (Annex-3)	-
	POL	
	Contingencies	
	Grand Total	96,217,923
	Grand Total	96,217,923
	Say (million Rs)	96.22