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 Hafizabad

May 2024

Punjab Municipal Development Fund Company

Table of Contents

List of Tables

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 immoveable, 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) Hafizabad. Thus, this document is confined to the planning and management of assets of MC Hafizabad.

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/OHR	10%
3	GST (Ground Storage Tank)	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 Hafizabad. 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 Hafizabad. 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 informaiton was then shared with the MC Hafizabad 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 Beuro of Statistics (PBS) while applying popupation 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.

- Rrough 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 Hafizabad

Section 2. Overview – Municipal Committee Hafizabad

2.1. Introduction

The Hafizabad district is bounded on the north by Mandi Bahauddin district, on the west by Chiniot and Sargodha districts, on the south by Faisalabad district and on the east by Gujranwala district. Hafizabad is located 48 kilometres west of Gujranwala, and 60 kilometres southwest of Wazirabad. It hosts the eighth railway station on the Wazirabad-Faisalabad Railway. Its average elevation is 208 metres above the sea level.[1]

2.2. Functions of Municipal Committee Hafizabad

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
- graveyards

[1] https://mchafizabad.lgpunjab.org.pk/about-us/history/

- 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 Hafizabad 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 Hafizabad based on its' functions is presented below:

Table 1: Existing Assest Summary

Sr No.	Asset Category	Asset Sub-Category	Unit	Total
1	Water Supply System	Tube wells	No.	14
		Water Supply Network	Meter	123225
		Filtration Plants	No.	11
		OHR	No.	1
		Movable Assets (Vehicles/Machinery)	No.	2
2	Sewerage System	Sewerage Network	Meter	179053
		Disposal Stations	No.	4
		Movable Assets (Vehicles/Machinery)	No.	35
3	Recreational	Park	No.	4
4	SWM Resource	Dumping Site	No.	1
		Movable Assets (Vehicles/Machinery)	No.	638
5	Bus Stands	Bus Stand	No.	1
6	Buildings	Offices	No.	1
		Shops	No.	93

Sr No.	Asset Category	Asset Sub-Category	Unit	Total
7	Public Places	Slaughter Houses	No.	1
8	Office Vehicles	Office Vehicles	No.	7
9	Street Lights	Street Lights	No.	320
10	Roads	Roads	Km	72.15

The detail of 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 Assets

Asset Category	Asset Sub-Category	Asset Condition					Unit	Total
		Excellent (A)	Good (B)	Fair (C)	Poor (D)	Failing (E)		
Water Supply System	Tube wells		3	5	2	4	No.	14
	Water Supply Network		58,606	20,867	33,113	10,639	Meter	123225
	Filtration Plants		1	9	1		No.	11
	OHR			1			No.	1
	Movable Assets (Vehicles/Machinery)				2		No.	2
Sewerage System	Sewerage Network	14613		14950		19108	Meter	179053
	Disposal Stations		1	2	1		No.	4
	Movable Assets (Vehicles/Machinery)			35			No.	35
Recreational	Park			4			No.	4

Asset Category	Asset Sub-Category	Asset Condition					Unit	Total
		Excellent (A)	Good (B)	Fair (C)	Poor (D)	Failing (E)		
SWM Resource	Dumping Site			1			No.	1
	Movable Assets (Vehicles/Machinery)	620		17		1	No.	638
Bus Stands	Bus Stand			1			No.	1
Buildings	Offices			1			No.	1
	Shops		17	65	11		No.	93
Public Places	Slaughter Houses			1			No.	1
Office Vehicles	Office Vehicles			7			No.	7
Street Lights	Street Lights	301				19	No.	320
Roads	Roads	15	14.65	10.25	23.25	9	Km	72.15

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 levek 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 Hafizabad 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	Means to achieve target/ 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.	30%	70%	Improvement & Rehabilitation of Water Supply system in Hafizabad City	2023-2024
	Water Supply Coverage by private wells %	Percentage of area, where residents have own water sources.	70%	30%		
	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.	6	15.0		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Means to achieve target/ 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.	97%	97%		
	Pipe breaks (Leakages/Breaks /Km)	Total number of pipe leakages/breaks per year expressed per km of the water distribution network.	0.40	0.40		
	Unit operational cost - water sold (production cost at consumer end) (PKR)	Total annual operating expenses divided by the total annual volume of water sold.	0.05	0.04	Solarization of Tube wells and Water Supply System	2023-2024
	Unit operational cost - water produced (gross production cost) (PKR)	Total annual operating expenses divided by the total annual water produced	0.00	0.00		
	Water supply staff per 1000 water connections (number)	Total number of water supply staff expressed as per thousand water connections.	1.9	1.9		
	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.	33%	33%		
	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.	60%	51%	Solarization of Tube wells and Water Supply System	2023-2024
	Continuity of Service Hrs. / Day.	Average hours of service per day for water supply. (Average operational hours of tube well per day)	8	8		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Means to achieve target/ Project Name	Timeframe (FY)
	Water Supply Complaints %	Total number of water supply complaints per year expressed as a percentage of the total number of water supply connections.	1%	0.1%	Improvement & Rehabilitation of Water Supply system in Hafizabad City	2023-2024
	Operational cost coverage (Ratio)	Total annual operational revenues/Total annual operating cost.	5%	5.8%	Solarization of Tube wells 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)	46%	46%		
	Risk of crown failure	Whether there is an indication of crown failure?	Yes	No	Improvement of Existing Sewerage System and Disposal Stations for Hafizabad City	2023-2026
	Sewerage blockages (Blockages/KM)	Total number of blockages/ complaints per year expressed per km of sewers	21	7		
	Sewerage staff per 1000 sewerage connections (number)	Total number of sewerage staff expressed as per thousand sewerage connections	0.87	0.87		
	Wastewater 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 lagoon and mechanical treatment can be included, where appropriate.	0%	100%	Construction of WWTP	2023-2026

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Means to achieve target/ Project Name	Timeframe (FY)
	Wastewater 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.	0%	100%		
	Sewerage Complaints (%)	Total number of sewerage complaints per year expressed as a percentage of the total number of sewerage connections.	4%	4%		
Storm water drainage;	Storm water drainage coverage (%)	The percentage of MC area that the drainage system protects from flooding.	46%	46%		
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.	49%	49%		
	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	49%	49%		
	Primary SWM Coverage each day in Roads %	Primary SWM Coverage each day in Roads	49%	49%		
	Open Collection Points (Number)	Open Collection Points	54	54		
	Secondary collection machinery (number)	Secondary collection machinery	12	12		
	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	Means to achieve target/ Project Name	Timeframe (FY)
	Waste transported in covered vehicles	Waste transported in covered vehicles	No	No		
	Private Sector involved in Secondary Collection	Private Sector involved in Secondary Collection	No	No		
	Sufficiency of existing dumping area (Landfill site).	Sufficiency of existing dumping area (Landfill site).	No	No		
	Mechanism for Final Disposal	Is there a mechanism for Final Disposal?	No Landfill Site	No Landfill Site		
Roads and streets;	Roads with condition "A" (Excellent) %	Total length of roads with condition “A” expressed as a percentage of total roads.	25%	25%	Improvement and Rehabilitation of Roads & Chowks in MC Hafizabad. (P-3 & CP-04, P-4, P-15, CP-06)	2023-24
	Roads with condition "B" (Good) %	Total length of roads with condition “B” expressed as a percentage of total roads.	20%	50%		
	Roads with condition "C" (Fair) %	Total length of roads with condition “C” expressed as a percentage of total roads.	14%	14%		
	Roads with condition "D" (Poor) %	Total length of roads with condition “D” expressed as a percentage of total roads.	32%	11%		
	Roads with condition "E" (Failing) %	Total length of roads with condition “F” expressed as a percentage of total roads.	12%	0%		
	Beautification of chowks %	Number of chowks having monuments expressed as a percentage of total chowks	57%	57%		
Streetlighting;	Streetlight coverage. (%)	Percentage of area/roads with streetlights.	26.3%	26.3%		
	Working Streetlight %	Percentage of working streetlights as of total streetlights.	94%	100%	Replacement of LEDs	2025-2026

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Means to achieve target/ Project Name	Timeframe (FY)
Parks, Playgrounds, Open spaces;	Open spaces as percentage of total MC area. %	Open spaces as percentage of total MC area. %	0%	0%	Improvement and Rehabilitation of Parks in Hafizabad City	2025-2026
	Playgrounds as percentage of total MC area. %	Playgrounds as percentage of total MC area. %	0%	0%		
	Parks with condition "A" (Excellent) %	Parks with condition “A” expressed as a percentage of total parks.	0%	0%		
	Parks with condition "B" (Good) %	Parks with condition “B” expressed as a percentage of total parks.	0%	100%		
	Parks with condition "C" (Fair) %	Parks with condition “C” expressed as a percentage of total parks.	100%	0%		
	Parks with condition "D" (Poor) %	Parks with condition “D” expressed as a percentage of total parks.	0%	0%		
	Parks with condition "E" (Failing) %	Parks with condition “E” expressed as a percentage of total parks.	0%	0%		
	Parks as percentage of total MC area. %	Parks as percentage of total MC area. %	0.3%	0.3%		
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%		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Means to achieve target/ Project Name	Timeframe (FY)
	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	`1:72	`1:72		
	Adequacy of facilities at bus stands	Adequacy of facilities at bus stands	No	Yes	Rehabilitation of General Bus Stand (GSB) in Hafizabad City	2024-2025
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	No		
Municipal libraries;	Total number of Libraries per 100,000 persons	Total number of Libraries per 100,000 persons	0	0		
	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.	-			

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Means to achieve target/ Project Name	Timeframe (FY)
	Buildings with condition "B" (Good) %	Total number of buildings with condition “B” expressed as a percentage of total number of buildings.	-			
	Buildings with condition "C" (Fair) %	Total number of buildings with condition “C” expressed as a percentage of total number of buildings.	100%			
	Buildings with condition "D" (Poor) %	Total number of buildings with condition “D” expressed as a percentage of total number of buildings.	-			
	Buildings with condition "E" (Failing) %	Total number of buildings with condition “E” expressed as a percentage of total number of buildings.	-			
	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 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)
				(Millions)	Capital	O&M	Capital	O&M	Capital	O&M	
1	01-02-01-02-01	Improvement & Rehabilitation of Water Supply system in hafizabad City	Water Supply	120.00	120.00	6.00		6.00		6.00	84
2	01-02-01-02-02	Improvement & Rehabilitation of Water Supply system in hafizabad City	Water Supply	17.00	17.00	0.85		0.85		0.85	84
3	01-02-01-06-01	Construction of Underground Water Storage Tank	Water Supply	200.00	50.00		100.00		50.00	5.00	84
4	01-02-02-01-01	Improvement of Existing Sewerage System and Disposal Stations for hafizabad City	Sewerage	1,002.00	501.00		501.00	25.05		25.05	82
5	01-02-05-01-01	Improvement and Rehabilitation of Parks in hafizabad City	Parks	40.00					40.00	1.00	65
6	01-02-04-03-01	Repair & Replacement of LEDs	Streetlights	1.40					1.40	0.04	69
7	01-02-05-04-	Rehabilitation of General Bus Stand (GSB) in	Bus Stand	272.25			272.25	6.81		6.81	74

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)							
	01	hafizabad City									
8	01-02-06-01-01	Solarization of the municipal buildings	Buildings	90.00	90.00	0.45		0.45		0.45	80
9	01-02-01-01-01	Solarization of Tube wells and Water Supply System	Water supply	175.00	175.00	0.88		0.88		0.88	87
10	01-02-04-01-01	Improvement and Rehabilitation of Roads & Chowks (P-3 & CP-04) in MC Hafizabad	Roads	50.33	50.33	2.52		2.52		2.52	81
11	01-02-04-01-02	Improvement and Rehabilitation of Roads (P-4) in MC Hafizabad	Roads	161.06	161.06	8.05		8.05		8.05	81
12	01-02-04-01-03	Improvement and Rehabilitation of Roads (P-15 and CP-06) in MC Hafizabad	Roads	147.70	147.70	7.39		7.39		7.39	81
13	01-02-03-03-01	SWM Vehicle Parking Shed	Solid Waste Management System	81.8	81.8	3.0		3.0		3.0	80
14	01-02-01-01-02	Energy Management Plan	Water Supply	1.42	1.42	0		0		0	80
Total.				**2,359.96**	**1,395.31**	**29.13**	**873.25**	**60.99**	**91.40**	**67.02**	

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 forms[2]:

Table 5: Projects Detail

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
1	01-02-01-02-01	Water Supply	Improvement & Rehabilitation of Water Supply system in hafizabad City	1) Rehabilitation of the components of existing water supply system to attain full efficiency out of these installations. 2) Supply of adequate quantity of water in water shortage areas. 3) Improvement of service delivery level in the entire city. 4) Augmentation of the source capacity 5) Equal distribution of water in the entire system 6) Improvement of terminal pressure at remote ends of the distribution system 7) Reduction of water borne diseases. 8) Improvement in local and province economy.	Replacement of outlived water supply distribution system,Construction of OHRs & GSTs, Rehabilitation of Tubewells,Installation of new Tubewells	120	6.00	Hafizabad City

[2] https://www.pc.gov.pk/web/downloads/pc

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
2	01-02-01-02-02	Water Supply	Improvement & Rehabilitation of Water Supply system in hafizabad City	1) Rehabilitation of the components of existing water supply system to attain full efficiency out of these installations. 2) Supply of adequate quantity of water in water shortage areas. 3) Improvement of service delivery level in the entire city. 4) Augmentation of the source capacity 5) Equal distribution of water in the entire system 6) Improvement of terminal pressure at remote ends of the distribution system 7) Reduction of water borne diseases. 8) Improvement in local and province economy.	- Replacement of 3 pumpsets - Installation of capacitors	17	0.85	Hafizabad City
3	01-02-01-06-01	Water Supply	Construction of Underground Water Storage Tank	The main objectives are - To supply safe drinking water ub sufficient quantity at doorsteps of consumers with reasonable cost - To encourging personal hygiene anad household cleanliness of users - Reduction of water borne diseases - Reduction in medical expenditures - Improvement in environment of the city	Design and Engineering Site Preparation Excavation and Earthwork Foundation Works Masonary Works Coation and Insulation Piping and Connection Concrete Works	**200**	**5**	hafizabad City

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
4	01-02-02-01-01	Sewerage	Improvement of Existing Sewerage System and Disposal Stations for hafizabad City	The Project has the following objectives; 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.	Construction of WWTP, Rehabilitation of Disposal Stations, Replacement of Outlived Pipes, Replacement of Crown Failure Pipelines, Replacement of under-sized pipelines	1002	25.05	hafizabad City
5	01-02-05-01-01	Parks	Improvement and Rehabilitation of Parks in hafizabad City	The project has the following objectives 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 these parks require, -Boundary wall with iron grill • Entrance gates • Tuff tile pathways • Jogging track • Rainwater recharge well • Playing area for children • Grassing and flower beds • Water supply & drainage system	40	1.00	Muncipal Family Park,Sagar Children Park ,hafizabad City

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
6	01-02-05-04-01	Streetlights	Repair & Replacement of LEDs	Enhance public safety and security by providing adequate lighting. Improve visibility for motorists and pedestrians. Increase the overall quality of street lighting. Reduce energy consumption and operating costs. Promote energy efficiency and sustainability. Improve the aesthetics of the area. Enhance the functionality of the street lighting system. Improve reliability and reduce maintenance downtime. Ensure compliance with regulatory requirements. Increase the lifespan of the street lighting system.	-Installation of LEDs at all non-functional MC operated streetlights	1.4	0.04	hafizabad City

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
7	01-02-05-04-01	Bus Stand	Rehabilitation of General Bus Stand (GSB) in hafizabad City	The Project has the following objectives; 1. Provision of disciplined travelling facilities to the people. 2. Provision of waiting facilities for the travelers in the form of respectable sitting, ablution & prayer, drinking water, toilets, shopping and ticketing. 3. Provision of car parking facilities to the public, 4. Rickshaw stand facilities 5. Revenue generation from shops and parking lot 6. Improvement in the air pollution in city area due to parking and waiting by the buses 7. Reduction in the traffic congestion created by buses at various locations of the city 8. Effective protection of the buses against the solar radiation and Ultraviolet rays, rain, hail, wind, and dust. 9. Slowing down the deterioration of buses, therefore reducing the amount of maintenance. 10. Improvement in the economic growth potential of the city.	1. Bus Stand Require the following components • Waiting hall • Ticketing booths • Toilets • Ablution place • Prayer place • Tuck shop • Drinking water facilities • Parking sheds for buses 2. Workshop 3. Bus departure sheds 4. Car parking lot 5. Rickshaw stand 6. Shops 7. Water supply and drainage/sewerage facilities 8. Boundary wall and gates 9. Illumination & electrification	272.25	6.81	Gujranwala Road, hafizabad

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
8	01-02-06-01-01	Buildings	Solarization of the municipal buildings	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 municipal buildings based on the site load and installation capacity assessment	90	0.45	Hafizabad City

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
9	01-02-01-01-01	Water supply	Solarization of Tube wells and Water Supply System	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 tubewells based on the site load and installation capacity assessment. Tubewell solarization project scope involves converting conventional water pumping systems into solar-powered ones to ensure sustainable and energy-efficient water supply for rural needs.	175	0.875	Hafizabad City

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
10	01-02-04-01-01	Improvement and Rehabilitation of Roads & Chowks (P-3 & CP-04) in MC Hafizabad	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 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.	For Road: · Geometric Improvement and Rehabilitation of Existing Pavement Structure · Pavement Marking · Street Lighting · Improvement of drainage system For Chowk: · Geometric Improvement and Rehabilitation of Existing Pavement Structure · Pavement Marking · Street Lighting · Improvement of drainage system · Aesthetic improvement of chowk	50.33	2.5165	1. Bijli Mohallah Road A. Ali Pur Road Chowk

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
11	01-02-04-01-02	Improvement and Rehabilitation of Roads (P-4) in MC Hafizabad	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 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.	· Geometric Improvement and Rehabilitation of Existing Pavement Structure · Pavement Marking · Street Lighting · Improvement of drainage system	161.06	8.053	Kasoki Road

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
12	01-02-04-01-03	Improvement and Rehabilitation of Roads (P-15 and CP-06) in MC Hafizabad	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 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.	For Road: · Geometric Improvement and Rehabilitation of Existing Pavement Structure · Pavement Marking · Street Lighting · Improvement of drainage system For Chowk: · Geometric Improvement and Rehabilitation of Existing Pavement Structure · Pavement Marking · Street Lighting · Improvement of drainage system · Aesthetic improvement of chowk	147.7	7.385	1. Jalalpur Road A. Qatal Garh Chowk

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) **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.

(vi) **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.

(vii) **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.

(viii) **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 Hafizabad is given below:

Table 6: Financial Projections

Amount in PKR Million

Year	2023-24		2024-25		2025-26	
Category	**Capital Cost**	**O&M Cost**	**Capital Cost**	**O&M Cost**	**Capital Cost**	**O&M Cost**
Water Supply	362.00	7.73	100.00	7.73	50.00	12.73
Sewerage	501.00	-	501.00	25.05	-	25.05
Parks	-	-	-	-	40.00	1.00
Streetlights	-	-	-	-	1.40	0.04
Bus Stand	-	-	272.25	6.81	-	6.81
Buildings	90.00	0.45	-	0.45	-	0.45
Roads	359.09	17.95	-	17.95	-	17.95
Total	**1,312.09**	**26.13**	**873.25**	**57.99**	**91.40**	**64.02**

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.

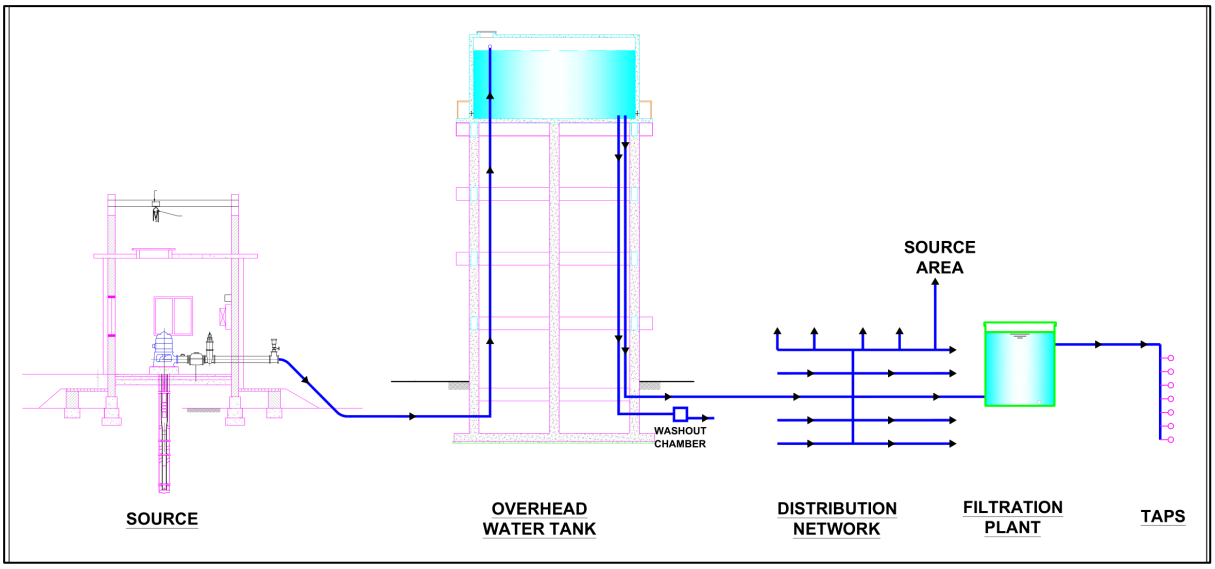
Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.

Annexure

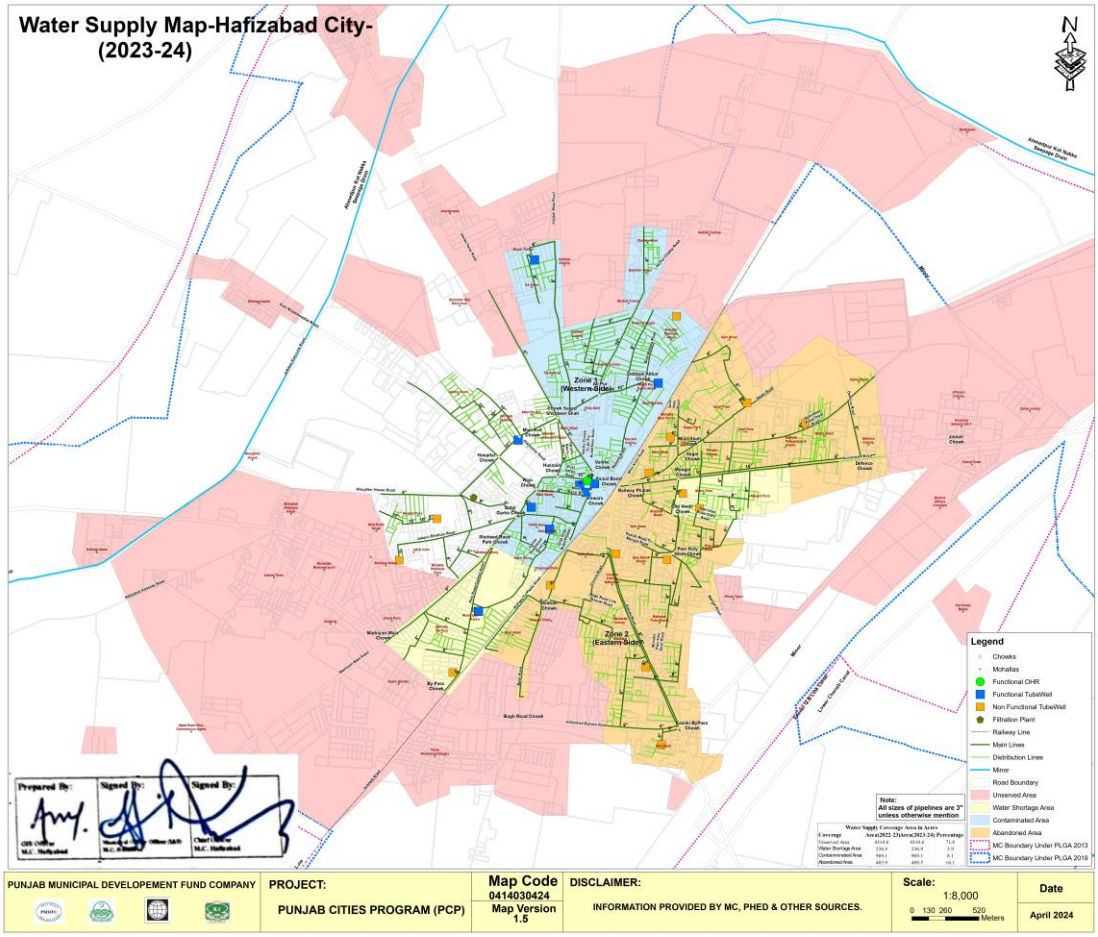
Annexure A. Detail of Assets

1. Water Supply:

a. Line Diagram of Water Supply System



b. Map Of Water Supply System



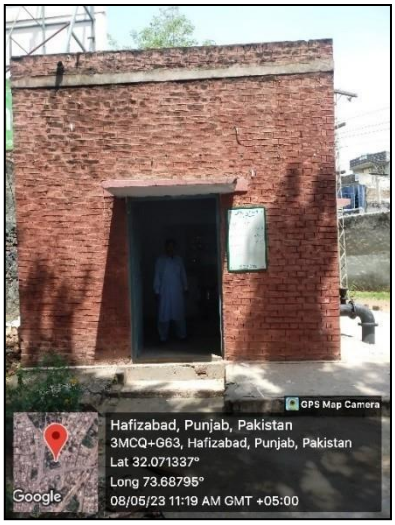
A. Tube well

Sr #	Name	Age (Years)		Condition	Discharge (cusec)	Pump Make	Motor Make	Status	Motor hp	Book Value (PKR Mil)
		Civil Structure	Pump							
1	MC Office (Jinnah Hall) Pump No.3	54	45	Poor	1.5	PECO	PECO	Functional	40	0.18
2	MC Office Pump # 1	18	3	Good	1	KSB	SIEMENS	Functional	40	1.71
3	MC Office Pump # 2	18	18	Fair	1.5	HMA	SIEMENS	Non-Functional	40	0.18
4	Family Park	22	19	Fair	1.5	PECO	PECO	Functional	50	0.27
5	Family Park	3	2	Good	1	KSB	SIEMENS	Non-Functional	50	1.08
6	Hussain Pura	43	2	Fair	1	KSB	SIEMENS	Functional	40	2.07
7	Muslim High School	20	15	Fair	1	HMA	SIEMENS	Functional	30	0.18
8	Mian Da Kot	16	16	Poor	1.5	HMA	SIEMENS	Functional	40	0.18
9	Muhalla Ali Town	16	16	Fair	1.5	HMA	SIEMENS	Functional	40	0.18
10	Bijli Mohala	23	2	Good	1.5	KSB	SIEMENS	Functional	40	2.16
11	General Bus Stand	20	20	Failing	Not Available	KSB	SIEMENS	Abandoned	Not Available	0.29

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Asset Detail					**Pictures**
Name		MC Office Pump No.3			
Location	**Latitude**	32.071321			
	Longitude	73.688028			
Address		Jinnah Hall, Hafizabad			
Area (Kanal/Acres)		1 Marla			
Working Status		Functional	Non- Functional		
Installation Year of Tube Well		1969			
Installation Year of Pump		1978			
Capital Cost of Machinery					
Operational Hours		10			
Delivery Pipe	**Dia**	6			
	Material	MS			
Chlorinator		Yes	No		
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		No Pump House			
Hoisting Girder					
Civil Structure Condition					
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		PECO			
Discharge Capacity (Cusec)		1.5			
Rotational Speed (RPM)		1500			
Housing Dia (inches)		12”			
Bore Depth (ft.)		450			
Head (ft.)		200			
Impeller Installation Depth (ft.)		90			
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 (Combined)			
Sanctioned Load (Kwh)		30			
Motor Power (HP)		40			
Motor Make		PECO			
MCU		Yes	No		
Earthing of Motor		Yes	No		
Power Wiring		Yes	No		

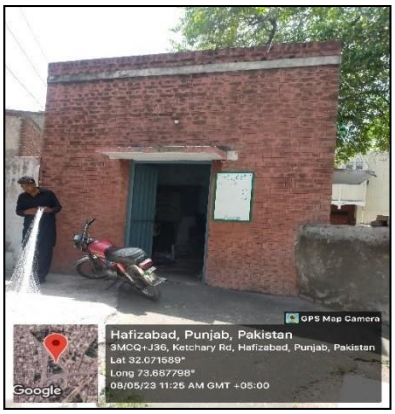
Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Service Cable	Yes	No			
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	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 Pump House was built • Iron fence was provided around the pump and motor • Control assembly was also there inside the fence					
Data Collected By: Mr. Tayyab	*Designation: Team Member*		*Sign & Date: 08 May 2023*		
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*		*Sign & Date: 08 May 2023*		

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Hafizabad				
Form: IDAMP-A1	**Tube Well Asset Cosndition Assessment**			**Asset Code: _____ Date: 05 May 2023**
Asset Detail				**Pictures**
Name		MC Office Pump # 1		
Location	**Latitude**	32.071337		
	Longitude	73.68795		
Address		Jinnah Hall, Hafizabad		
Area (Kanal/Acres)		1 Marla		
Working Status		Functional	Non- Functional	
Installation Year of Tube Well		18		
Installation Year of Pump		3		
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)		1470		
Housing Dia (inches)		12”		
Bore Depth (ft.)		450		
Head (ft.)		200		
Impeller Installation Depth (ft.)		90		
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 (Combined)		
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	



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	**Tube Well Asset Cosndition Assessment**				**Asset Code: _____ Date: 05 May 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. Tayyab		*Designation: Team Member*		*Sign & Date: 08 May 2023*	
Data Checked By: Mr. M. Fiaz		*Designation: Team Lead*		*Sign & Date: 08 May 2023*	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Asset Detail					**Pictures**
Name		MC Office Pump #2			
Location	**Latitude**	32.071589			
	Longitude	73.687798			
Address		Jinnah Hall, Hafiazabad			
Area (Kanal/Acres)		1 Marla			
Working Status		Functional	Non- Functional		
Installation Year of Tube Well		2005			
Installation Year of Pump		2005			
Capital Cost of Machinery					
Operational Hours		Not-Available			
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		HMA			
Discharge Capacity (Cusec)		1.5			
Rotational Speed (RPM)		2950			
Housing Dia (inches)		12”			
Bore Depth (ft.)		450			
Head (ft.)		150			
Impeller Installation Depth (ft.)		90			
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 (Combined)			
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		



Integrated Development and Asset Management Plan (IDAMP)			
Municipal Committee Hafizabad			
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**		**Asset Code: _____ Date: 05 May 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

- Motor is burned out.

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	*Sign & Date: 08 May 2023*

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Hafizabad				
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 05 May 2023
Asset Detail				**Pictures**
Name		Family Park		
Location	**Latitude**	32.062743		
	Longitude	73.677932		
Address		Family Park, Hafizabad		
Area (Kanal/Acres)		1 Marla		
Working Status		Functional	Non- Functional	
Installation Year of Tube Well		2001		
Installation Year of Pump		2004		
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		PECO		
Discharge Capacity (Cusec)		1.5		
Rotational Speed (RPM)		1470		
Housing Dia (inches)		12”		
Bore Depth (ft.)		450		
Head (ft.)		150		
Impeller Installation Depth (ft.)		90		
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)		37		
Motor Power (HP)		50		
Motor Make		PECO		
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 Hafizabad					
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 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. Tayyab		*Designation: Team Member*		*Sign & Date: 08 May 2023*	
Data Checked By: Mr. M. Fiaz		*Designation: Team Lead*		*Sign & Date: 08 May 2023*	

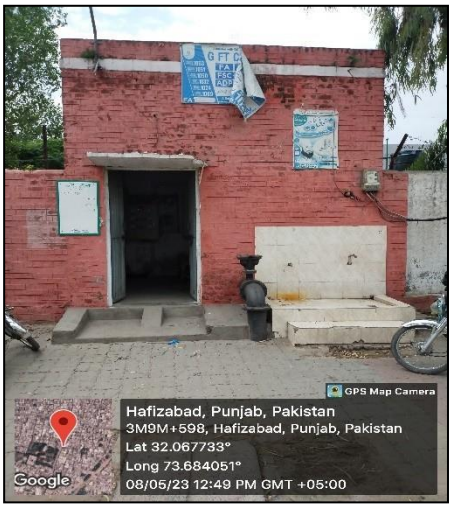
Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 05 May 2023	
Asset Detail					**Pictures**
Name		Family Park			
Location	Latitude	32.061244			
	Longitude	73.67756			
Address		Family Park, Hafizabad			
Area (Kanal/Acres/Marla)		1 Marla			
Working Status		Functional	Non- Functional		
Installation Year of Tube Well		2020			
Installation Year of Pump		2021			
Capital Cost of Machinery					
Operational Hours		0			
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)		1470			
Housing Dia (inches)		12”			
Bore Depth (ft.)		450			
Head (ft.)		200			
Impeller Installation Depth (ft.)		90			
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)		No Transformer			
Sanctioned Load (Kwh)		Not-Available			
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 Hafizabad					
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**			**Asset Code: _____ Date: 05 May 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					
• Newly Built Turbine • When Connection was applied the motor didn't start. • Now There was no transformer.					
Data Collected By: Mr. Tayyab		*Designation: Team Member*		*Sign & Date: 08 May 2023*	
Data Checked By: Mr. M. Fiaz		*Designation: Team Lead*		*Sign & Date: 08 May 2023*	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Asset Detail					**Pictures**
Name		Hussain Pura			
Location	**Latitude**	32.069462			
	Longitude	73.681645			
Address		Hussain Pura, Hafizabad			
Area (Kanal/AcresMarla)		1 Marla			
Working Status		Functional	Non- Functional		
Installation Year of Tube Well		1980			
Installation Year of Pump		2021			
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)		1470			
Housing Dia (inches)		12”			
Bore Depth (ft.)		450			
Head (ft.)		200			
Impeller Installation Depth (ft.)		90			
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		

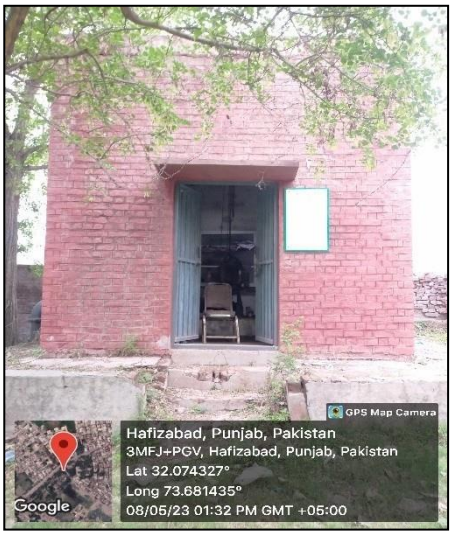
Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Earthing of MCU		Yes	No		
Energy Meter		Yes	No		
Water Meter		Yes	No		
PFI Equipment		Yes	No		
Generator		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. Tayyab		*Designation: Team Member*		 *Sign & Date: 08 May 2023*	
Data Checked By: Mr. M. Fiaz		*Designation: Team Lead*		 *Sign & Date: 08 May 2023*	

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Service Unit ____				
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**			**Asset Code: _____ Date: 05 May 2023**
Asset Detail				**Pictures**
Name		Muslim High School		
Location	**Latitude**	32.067733		
	Longitude	73.684051		
Address		Muslim High School, Hafizabad		
Area (Kanal/AcresMarla)		1 Marla		
Working Status		Functional	Non- Functional	
Installation Year of Tube Well		2003		
Installation Year of Pump		2008		
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		HMA		
Discharge Capacity (Cusec)		1		
Rotational Speed (RPM)		2945		
Housing Dia (inches)		12”		
Bore Depth (ft.)		450		
Head (ft.)		150		
Impeller Installation Depth (ft.)		90		
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)		22		
Motor Power (HP)		30		
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 Service Unit ____					
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**			**Asset Code: _____ Date: 05 May 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. Tayyab		*Designation: Team Member*		*Sign & Date: 08 May 2023*	
Data Checked By: Mr. M. Fiaz		*Designation: Team* Lead		*Sign & Date: 08 May 2023*	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment				Asset Code: _____ Date: 05 May 2023
Asset Detail					**Pictures**
Name		Mian Da Kot			
Location	Latitude	32.074327			
	Longitude	73.681435			
Address		Mian Da Kot, Hafizabad			
Area (Kanal/Acres/Marla)		1 Marla			
Working Status		Functional	Non- Functional		
Installation Year of Tube Well		2007			
Installation Year of Pump		2007			
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		HMA			
Discharge Capacity (Cusec)		1.5			
Rotational Speed (RPM)		2950			
Housing Dia (inches)		12”			
Bore Depth (ft.)		450			
Head (ft.)		150			
Impeller Installation Depth (ft.)		90			
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		



Integrated Development and Asset Management Plan (IDAMP)			
Municipal Committee Hafizabad			
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**		**Asset Code: _____ Date: 05 May 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

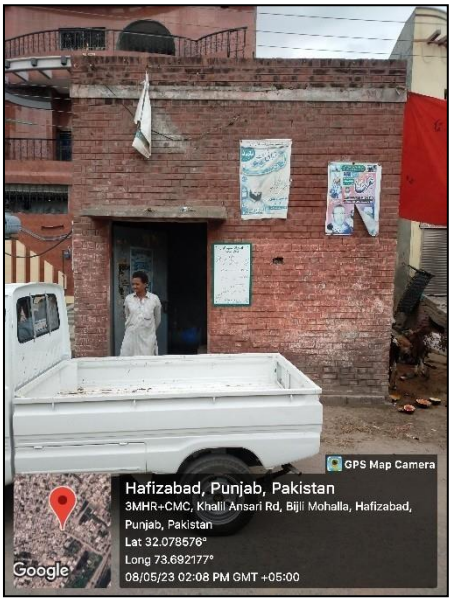
- About roead, proper Tough tiles are laid.

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team* **Lead**	*Sign & Date: 08 May 2023*

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Hafizabad				
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**			**Asset Code: _____ Date: 05 May 2023**
Asset Detail				**Pictures**
Name		Muhalla Ali Town		
Location	**Latitude**	32.086108		
	Longitude	73.682631		
Address		Muhalla Ali Town		
Area (Kanal/Acres/Marla)		1 Marla		
Working Status		Functional	Non- Functional	
Installation Year of Tube Well		2007		
Installation Year of Pump		2007		
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		HMA		
Discharge Capacity (Cusec)		1.5		
Rotational Speed (RPM)		2950		
Housing Dia (inches)		12”		
Bore Depth (ft.)		450		
Head (ft.)		150		
Impeller Installation Depth (ft.)		90		
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	

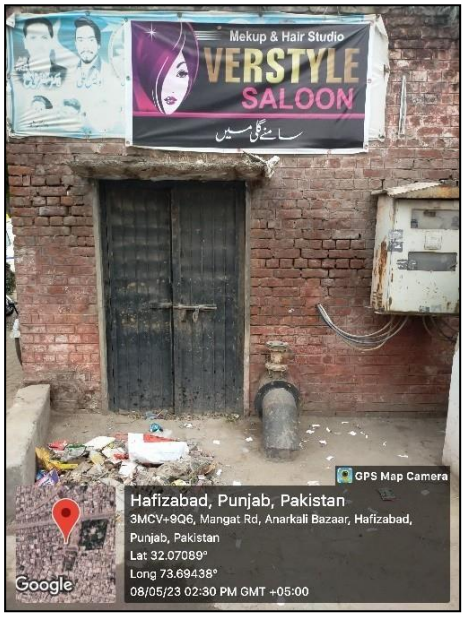
Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Earthing of MCU	Yes	No			
Energy Meter	Yes	No			
Water Meter	Yes	No			
PFI Equipment	Yes	No			
Generator	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. Tayyab		*Designation: Team Member*		*Sign & Date: 08 May 2023*	
Data Checked By: Mr. M. Fiaz		*Designation: Team* **Lead**		*Sign & Date: 08 May 2023*	

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Hafizabad				
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**			**Asset Code: _____ Date: 05 May 2023**
Asset Detail				**Pictures**
Name		Bijli Muhalla		
Location	**Latitude**	32.078578		
	Longitude	73.692177		
Address		Bijli Muhalla, Hafizabad		
Area (Kanal/Acres/Marla)		1 Marla		
Working Status		Functional	Non- Functional	
Installation Year of Tube Well		2000		
Installation Year of Pump		2021		
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)		1.5		
Rotational Speed (RPM)		1470		
Housing Dia (inches)		12”		
Bore Depth (ft.)		450		
Head (ft.)		200		
Impeller Installation Depth (ft.)		90		
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	



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 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. Tayyab		*Designation: Team Member*		*Sign & Date: 08 May 2023*	
Data Checked By: Mr. M. Fiaz		*Designation: Team* **Lead**		*Sign & Date: 08 May 2023*	

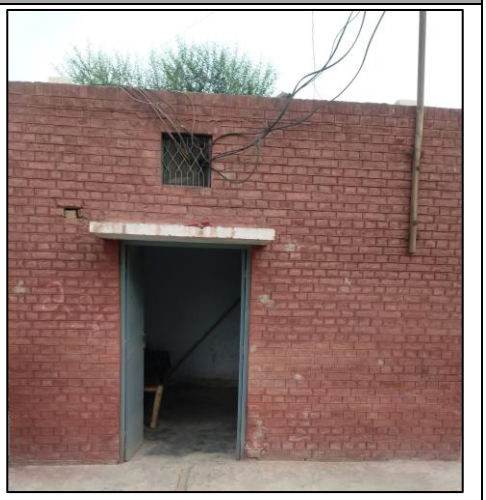
Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment				Asset Code: _____ Date: 05 May 2023
Asset Detail					**Pictures**
Name		General Bus Stand			
Location	Latitude	32.07089			
	Longitude	73.69438			
Address		General Bus Stand			
Area (Kanal/Acres)		-			
Working Status		Abandoned			
Installation Year of Tube Well		2003			
Installation Year of Pump		2003			
Capital Cost of Machinery					
Operational Hours		-			
Delivery Pipe	Dia	-			
	Material	-			
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)		-			
Rotational Speed (RPM)		-			
Housing Dia (inches)		-			
Bore Depth (ft.)		-			
Head (ft.)		-			
Impeller Installation Depth (ft.)		-			
Paint of Pumping Unit		Good	Fair	Poor	
Number of Valves	Gate Valve	-			
	Non-Returning Valve	-			
Base Plate		Yes		No	
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		-			
Sanctioned Load (Kwh)		-			
Motor Power (HP)		-			
Motor Make		Siemens			
MCU		Yes		No	
Earthing of Motor		Yes		No	
Power Wiring		Yes		No	



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 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					
• Bore was choked. • It was abandoned for a long time.					
Data Collected By: Mr. Tayyab		*Designation: Team Member*		*Sign & Date: 08 May 2023*	
Data Checked By: Mr. M. Fiaz		*Designation: Team* **Lead**		*Sign & Date: 08 May 2023*	

Integrated Development and Asset Management Plan (IDAMP)			
Municipal Committee Hafizabad			
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**		**Asset Code: _____ Date: 05 May 2023**
Asset Detail			**Pictures**
Name		Mohallah Taj-pura	
Location	**Latitude**	32.058883	
	Longitude	73.673683	
Address		Taj Pura, Hafizabad	
Area (Kanal/Acres)		-	
Working Status		**Abandoned**	
Installation Year of Tube Well			
Installation Year of Pump			
Capital Cost of Machinery			
Operational Hours			
Delivery Pipe	**Dia**		
	Material		

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
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		-			
Pump Make		-			
Discharge Capacity (Cusec)		-			
Rotational Speed (RPM)		-			
Housing Dia (inches)		-			
Bore Depth (ft.)		-			
Head (ft.)		-			
Impeller Installation Depth (ft.)		-			
Paint of Pumping Unit		Good	Fair	Poor	
Number of Valves	**Gate Valve**	-			
	Non-Returning Valve	-			
Base Plate		Yes		No	
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		-			
Sanctioned Load (Kwh)		-			
Motor Power (HP)		-			
Motor Make		-			
MCU		Yes		No	
Earthing of Motor		Yes		No	
Power Wiring		Yes		No	
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

- Bore was choked.

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Hafizabad		
Form: **IDAMP-A1**	**Tube Well** **Asset Condition Assessment**	**Asset Code: _____** **Date: 05 May 2023**
• It was abandoned for a long time.		
Data Collected By: Mr. Tayyab	*Designation: Team Member*	 *Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team* Lead	 *Sign & Date: 08 May 2023*

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Hafizabad				
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**			**Asset Code: _____ Date: 05 May 2023**
Asset Detail				**Pictures**
Name		Mughal Pura		
Location	**Latitude**	32.069878		
	Longitude	73.673552		
Address		Mughal Pura, Hafizabad		
Area (Kanal/Acres)		-		
Working Status		**Abandoned**		
Installation Year of Tube Well		-		
Installation Year of Pump		-		
Capital Cost of Machinery		-		
Operational Hours		-		
Delivery Pipe	**Dia**	-		
	Material	-		
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		-		
Pump Make		-		
Discharge Capacity (Cusec)		-		
Rotational Speed (RPM)		-		
Housing Dia (inches)		-		
Bore Depth (ft.)		-		
Head (ft.)		-		
Impeller Installation Depth (ft.)		-		
Paint of Pumping Unit		Good	Fair	Poor
Number of Valves	**Gate Valve**	-		
	Non-Returning Valve	-		
Base Plate		Yes	No	
Electro-Mechanical Equipment Details				
Transformer Capacity (kVA)		-		
Sanctioned Load (Kwh)		-		
Motor Power (HP)		-		
Motor Make				
MCU		Yes	No	
Earthing of Motor		Yes	No	
Power Wiring		Yes	No	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 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					
• Bore was choked. • It was abandoned for a long time.					
Data Collected By: Mr. Tayyab		*Designation: Team Member*			*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz		*Designation: Team Lead*			*Sign & Date: 08 May 2023*

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	Tube Well Asset Condition Assessment				Asset Code: _____ Date: 05 May 2023
Asset Detail					**Pictures**
Name		Rasheed Pura			
Location	Latitude	32.065381			
	Longitude	73.664561			
Address		Rasheed Pura, Hafizabad			
Area (Kanal/Acres)		-			
Working Status		Abandoned			
Installation Year of Tube Well		-			
Installation Year of Pump		-			
Capital Cost of Machinery		-			
Operational Hours		-			
Delivery Pipe	Dia	-			
	Material	-			
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		-			
Pump Make		-			
Discharge Capacity (Cusec)		-			
Rotational Speed (RPM)		-			
Housing Dia (inches)		-			
Bore Depth (ft.)		-			
Head (ft.)		-			
Impeller Installation Depth (ft.)		-			
Paint of Pumping Unit		Good	Fair	Poor	
Number of Valves	Gate Valve	-			
	Non-Returning Valve	-			
Base Plate		Yes		No	
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		-			
Sanctioned Load (Kwh)		-			
Motor Power (HP)		-			
Motor Make		-			
MCU		Yes		No	
Earthing of Motor		Yes		No	
Power Wiring		Yes		No	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A1	**Tube Well Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 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					
• Bore was choked. • It was abandoned for a long time.					
Data Collected By: Mr. Tayyab		*Designation: Team Member*		*Sign & Date: 08 May 2023*	
Data Checked By: Mr. M. Fiaz		*Designation: Team Lead*		*Sign & Date: 08 May 2023*	

B. OHR

Sr #	Name	Age (Years)	Condition	Capacity	Status	Book Value (PKR Mil)
1	Jinnah Hall	54	Fair	50,000	Functional	0.5

Integrated Development And Asset Management Plan (IDAMP)						
Municipal Committee Hafizabad						
Form: IDAMP-A2		**Over Head Reservoir Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Name		Jinnah Hall			**Pictures**	
Location	**Latitude**	32.071337				
	Longitude	73.68795				
Address		Jinnah Hall, Hafizabad				
Year of Construction		1969				
Capacity (UK Gallons)		50,000				
Cleaning Frequency (Per Year)		2				
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**	8				
	Material	MS				
Delivery Main	**Dia**	10				
	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

- Only one OHR used to feed filtration plant.

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*

Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	 *Sign & Date: 08 May 2023*

D. Water Supply Network

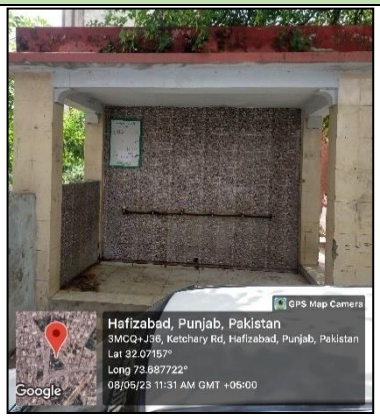
Sr #	Dia	Length (meter)	Age (Years)	Condition	Material	Book Value (PKR Mil)
1	3"	5,224	53	Failing	AC	0
2	4"	1,424				0
3	6"	2,624				0
4	8"	1,271				0
5	10"	96				0
6	3"	21,467	23	Poor	AC	1.71
7	4"	4,096				0.475
8	6"	5,836				0.665
9	8"	1,325				0.19
10	10"	389				0.095
11	3"	9,575	18	Fair	AC	1.995
12	4"	3,769				0.76
13	6"	5,676				1.33
14	8"	1,680				0.57
15	10"	167				0.285
16	3"	26,231	12	Good	UPVC	4.085
17	4"	6,044				1.045
18	6"	15,022				3.23
19	8"	10,726				1.52
20	10"	583				0.38

Integrated Development And Asset Management Plan (IDAMP)				
Municipal Committee Hafizabad				
Form: IDAMP-A5	Water Supply Network Asset Condition Assessment			Asset Code: _____ Date: 05 May 2023
Description		**Area (Acres)**		**Percentage**
Served Area		1694.6		28.2
Contaminated Area		969.1		8.1
Water Shortage Area		236.9		3.9
Unserved Area		4314.6		71.8
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 4 complaints like water was polluted or not reaching the house hold. They were all resolved.		
Pipe Dia (inches)	**Pipe Material**	**Length (ft)**	**Year of Laying**	**Age of Pipe**
3	AC	17134	1970	53
4	AC	4672	1970	53
6	AC	8608	1970	53
8	AC	4168	1970	53
10	AC	315	1970	53
3	AC	70412	2000	23
4	AC	13433	2000	23
6	AC	19144	2000	23
8	AC	4345	2000	23
10	AC	1277	2000	23
3	UPVC	31405	2005	18
4	UPVC	12361	2005	18
6	UPVC	18617	2005	18
8	UPVC	5509	2005	18
10	UPVC	547	2005	18
3	UPVC	86039	2011 (PHED)	12
4	UPVC	19826	2011 (PHED)	12
6	UPVC	49271	2011 (PHED)	12
8	UPVC	35182	2011 (PHED)	12
10	UPVC	1913	2011 (PHED)	12

Integrated Development And Asset Management Plan (IDAMP)				
Municipal Committee Hafizabad				
Form: IDAMP-A5	**Water Supply Network Asset Condition Assessment**			**Asset Code: _____ Date: 05 May 2023**
Remarks / Requirements				
• No remarks				
Data Collected By: Mr. Tayyab		*Designation: Team Member*		 *Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz		*Designation: Team* Lead		 *Sign & Date: 08 May 2023*

C. Filtration Plant

Sr #	Name	Age (Years)	Condition	Capacity	Type	Status	Book Value (PKR Mil)
1	MC Office Jinnah Hall	1	Good	2,000	UV	Functional	0.36
2	Family Park	18	Fair	2,000	UV	Functional	0.36
3	Mohalla Hussain Pura	18	Fair	2,000	UV	Functional	0.36
4	Muhalla Hussain Pura (Rana Somi Wala)	18	Fair	2,000	UV	Functional	0.36
5	Sabzi Mandi	18	Fair	2,000	UV	Functional	0.36
6	Mian Da Lot	18	Fair	2,000	UV	Functional	0.36
7	Chaman-e-Rasool Masjid	18	Poor	2,000	UV	Functional	0.36
8	Govt. Degree College (Girls) Ali Pur Road	18	Fair	2,000	UV	Functional	0.36
9	Sona Service Station	18	Fair	2,000	UV	Functional	0.36
10	General Bus Stand	18	Fair	2,000	UV	Functional	0.44
11	Muneeb Marriage Hall	18	Fair	2,000	UV	Functional	0.44

Integrated Development And Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A4		**Water Filtration Plant Asset Condition Assessment**			**Asset Code: _____ Date: 05 May 2023**
Name		MC Office Jinnah Hall			**Pictures**
Location	**Latitude**	32.07157			
	Longitude	73.687722			
Address		Jinnah Hall, Hafizabad			
Installation Year		2022			
Installing Agency		World Bank			
O&M Agency		MC			
Filtration Capacity (Liter/Hour)		2,000			
Operational Hours		16			
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
• No remarks

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team* **Lead**	*Sign & Date: 08 May 2023*

Integrated Development And Asset Management Plan (IDAMP)				
Municipal Committee Hafizabad				
Form: IDAMP-A4	**Water Filtration Plant Asset Condition Assessment**			**Asset Code: _____ Date: 05 May 2023**
Name		Family Park		**Pictures**
Location	**Latitude**	32.062588		
	Longitude	73.677686		
Address		Family Park, Hafizabad		
Installation Year		2005		
Installing Agency		MC		
O&M Agency		MC		
Filtration Capacity (Liter/Hour)		2,000		
Operational Hours		8		
No. of Taps		10		
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

- No remarks

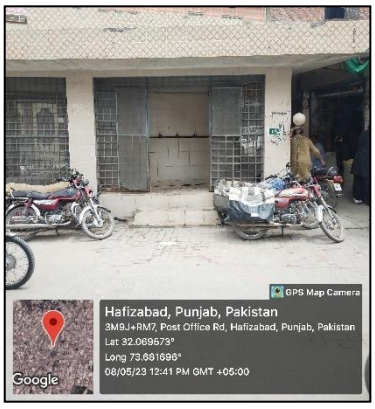
Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Member*	*Sign & Date: 08 May 2023*

Integrated Development And Asset Management Plan (IDAMP)

Municipal Committee Hafizabad

Form: IDAMP-A4	**Water Filtration Plant Asset Condition Assessment**	**Asset Code: _____ Date: 05 May 2023**

Name		Muhalla Hussain Pura		**Pictures**
Location	**Latitude**	32.069753		
	Longitude	73.681696		
Address		Muhalla Hussain Pura, Hafizabad		
Installation Year		2005		
Installing Agency		MC		
O&M Agency		MC		
Filtration Capacity (Liter/Hour)		2,000		
Operational Hours		12		
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



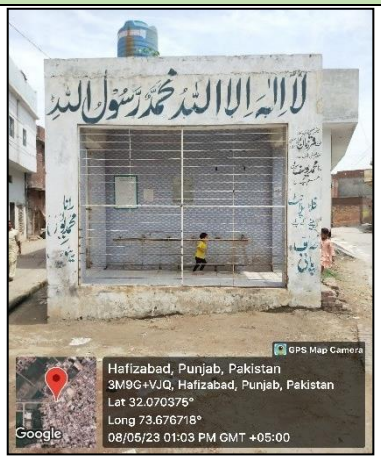
Building Structure Condition	Good	Fair	Poor	
Approach to Pump House	Good	Fair	Poor	

Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E

Remarks / Requirements

- No remarks

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	*Sign & Date: 08 May 2023*

Integrated Development And Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A4	**Water Filtration Plant Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Name		Rana Somi Wala Filtration Plant			**Pictures**
Location	**Latitude**	32.070375			
	Longitude	73.676718			
Address		Muhalla Hussain Pura, Hafizabad			
Installation Year		2005			
Installing Agency		PHED			
O&M Agency		MC			
Filtration Capacity (Liter/Hour)		2,000			
Operational Hours		12			
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

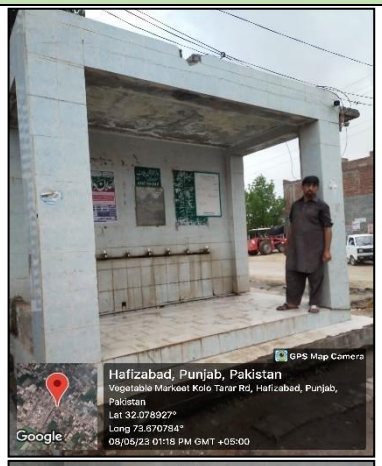
Remarks / Requirements		
• No remarks		
Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*

Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	*Sign & Date: 08 May 2023*

Integrated Development And Asset Management Plan (IDAMP)

Municipal Committee Hafizabad

Form: IDAMP-A4	**Water Filtration Plant Asset Condition Assessment**	**Asset Code: _____ Date: 05 May 2023**

Name		Sabzi Mandi Filtraion Plant		**Pictures**
Location	**Latitude**	32.078927		
	Longitude	73.670784		
Address		Sabzi Mandi		
Installation Year		2005		
Installing Agency		MC		
O&M Agency		MC		
Filtration Capacity (Liter/Hour)		2,000		
Operational Hours		15		
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

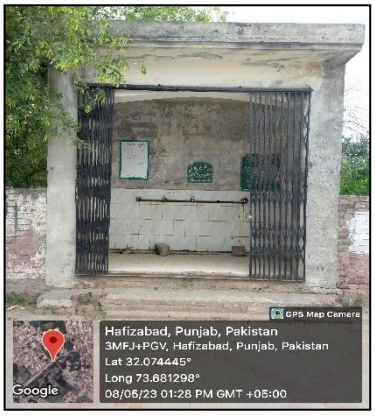
Overall Rating

Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E

Remarks / Requirements

• No remarks		
Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	*Sign & Date: 08 May 2023*

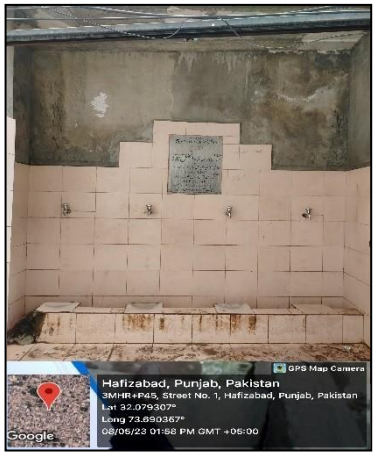
Integrated Development And Asset Management Plan (IDAMP)				
Municipal Committee Hafizabad				
Form: IDAMP-A4	**Water Filtration Plant Asset Condition Assessment**			**Asset Code: _____ Date: 05 May 2023**
Name		Mian Da Kot		**Pictures**
Location	**Latitude**	32.074445		
	Longitude	73.681298		
Address		Mian Da Kot, Hafizabad		
Installation Year		2005		
Installing Agency		MC		
O&M Agency		MC		
Filtration Capacity (Liter/Hour)		2,000		
Operational Hours		8		
No. of Taps		4		
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		
• No remarks		
Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	*Sign & Date: 08 May 2023*

Integrated Development And Asset Management Plan (IDAMP)			
Municipal Committee Hafizabad			
Form: IDAMP-A4	**Water Filtration Plant Asset Condition Assessment**		**Asset Code: _____ Date: 05 May 2023**
Name		Chaman-e-Rasool Masjid	**Pictures**
Location	**Latitude**	32.079307	
	Longitude	73.690357	
Address		Bijli Muhalla, Hafizabad	
Installation Year		2005	
Installing Agency		Public Health	
O&M Agency		MC	
Filtration Capacity (Liter/Hour)		2,000	
Operational Hours		8	
No. of Taps		4	
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

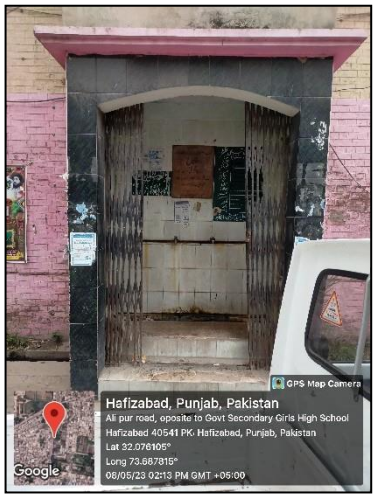
- No remarks

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Member*	*Sign & Date: 08 May 2023*

Integrated Development And Asset Management Plan (IDAMP)

Municipal Committee Hafizabad

Form: IDAMP-A4	**Water Filtration Plant Asset Condition Assessment**	**Asset Code: _____ Date: 05 May 2023**

Name		Govt. Degree College (Girls)	**Pictures**
Location	**Latitude**	32.076105	
	Longitude	73.687815	
Address		Ali Pur Road, Hafizabad	
Installation Year		2005	
Installing Agency		MC	
O&M Agency		MC	
Filtration Capacity (Liter/Hour)		2,000	
Operational Hours		12	
No. of Taps		4	
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	

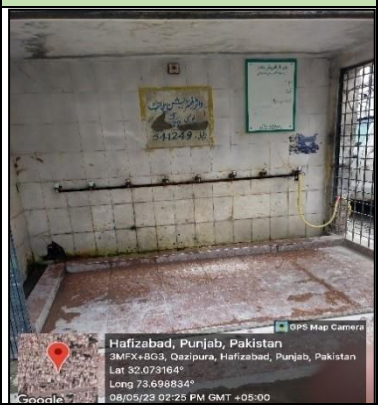
In case of any parameter above the permissible limit, which steps are taken to provide safe water?	Not-Available		
Plant Type	RO	UV	
Source of Water	Local Tube Well	Public Water Supply	
Working Status	Functional	Non-Functional	
Pumping Unit	Yes	No	
Control Panel	Yes	No	
Service Cable	Yes	No	
Ultraviolet 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

- No picture of the building could be taken because Girls College was closed

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	*Sign & Date: 08 May 2023*

Integrated Development And Asset Management Plan (IDAMP)			
Municipal Committee Hafizabad			
Form: IDAMP-A4	**Water Filtration Plant Asset Condition Assessment**		**Asset Code: _____ Date: 05 May 2023**
Name		Sona Service Station	**Pictures**
Location	**Latitude**	32.073164	
	Longitude	73.698834	
Address		Nera Sona Service Station, Hafizabad	
Installation Year		2005	
Installing Agency		MC	
O&M Agency		MC	
Filtration Capacity (Liter/Hour)		2,000	
Operational Hours		8	
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

- No remarks

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	*Sign & Date: 08 May 2023*

Integrated Development And Asset Management Plan (IDAMP)			
Municipal Committee Hafizabad			
Form: IDAMP-A4	**Water Filtration Plant Asset Condition Assessment**		**Asset Code: _____ Date: 05 May 2023**
Name		General Bus Stand	**Pictures**
Location	**Latitude**	32.069928	
	Longitude	73.694214	
Address		Near General Bus Stand, Hafizabad	
Installation Year		2005	
Installing Agency		MC	

O&M Agency	MC		
Filtration Capacity (Liter/Hour)	2,000		
Operational Hours	8		
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

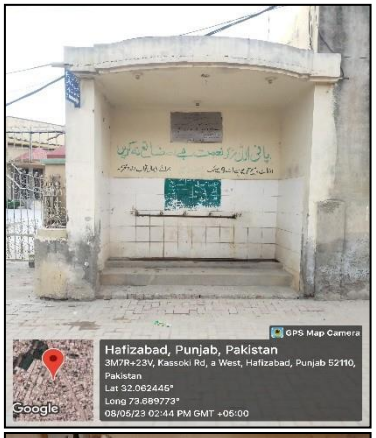
Remarks / Requirements

- No remarks

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	*Sign & Date: 08 May 2023*

Integrated Development And Asset Management Plan (IDAMP)		
Municipal Committee Hafizabad		
Form: IDAMP-A4	**Water Filtration Plant Asset Condition Assessment**	**Asset Code: _____ Date: 05 May 2023**
Name	Muneeb Marriage Hall	**Pictures**

Location	**Latitude**	32.062445		
	Longitude	73.689773		
Address		Muneeb Marriage Hall, Hafizabad		
Installation Year		2005		
Installing Agency		MC		
O&M Agency		MC		
Filtration Capacity (Liter/Hour)		2,000		
Operational Hours		12		
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

- No remarks

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	*Sign & Date: 08 May 2023*

E. Vehicles/ Machinery

Sr #	Name	Registration Number	Age (Years)	Condition	Status	Capacity	Book Value (PKR Mil)
1	Water Bowser	MCH-450	58	Poor	Functional	55 HP	1.8
2	Water Bowser	MC	3	Good	Functional	Not Available	5.3

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Hafizabad		
Form: IDAMP-A16	**Moveable Asset** **Asset Condition Assessment**	**Asset Code: _____** **Date: 05 May 2023**

Type of Vehicle / Machinery	**Pictures**
Water Bowser	

Capacity	500 Gallons	500 Gallons
Purpose	Water Supply	Water Supply
Year of Manufacturing	1965	Not-Available
Model	FIAT 450	Not-Available
Capital Cost		
Fuel Consumption	289 Liter/month	Not-Available
Condition	Poor	Not-Available
Engine Capacity	55 HP	Not-Available
Maintenance Cost	50,000/month	Not-Available
Oiling /Fitness	Yes	Yes
Fitness Certificate	No	No
Registered	MCH-450	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

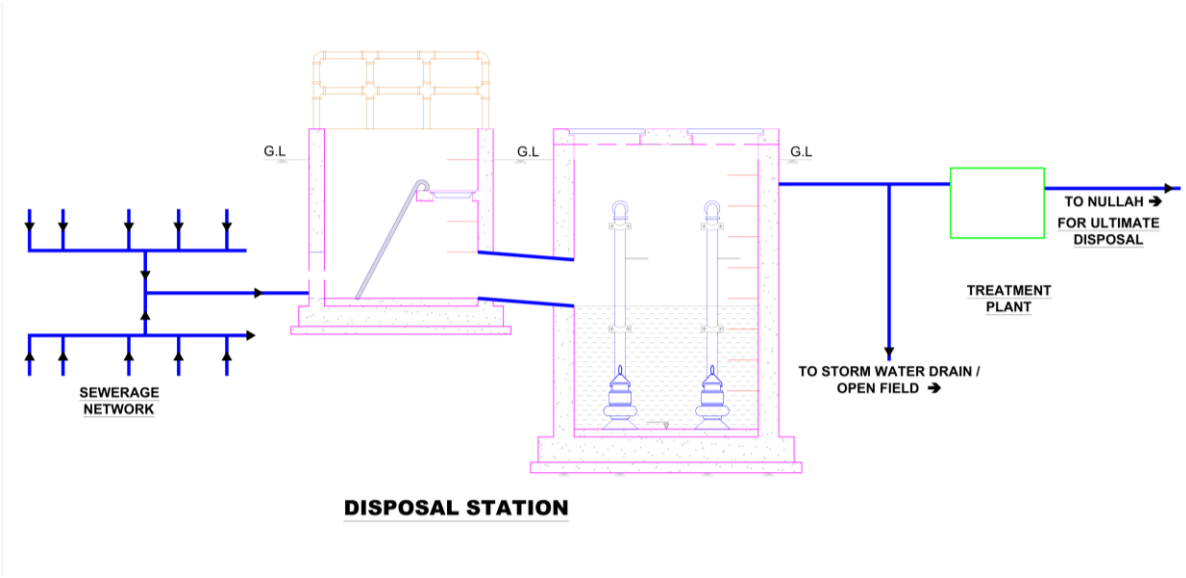
- No remarks

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*

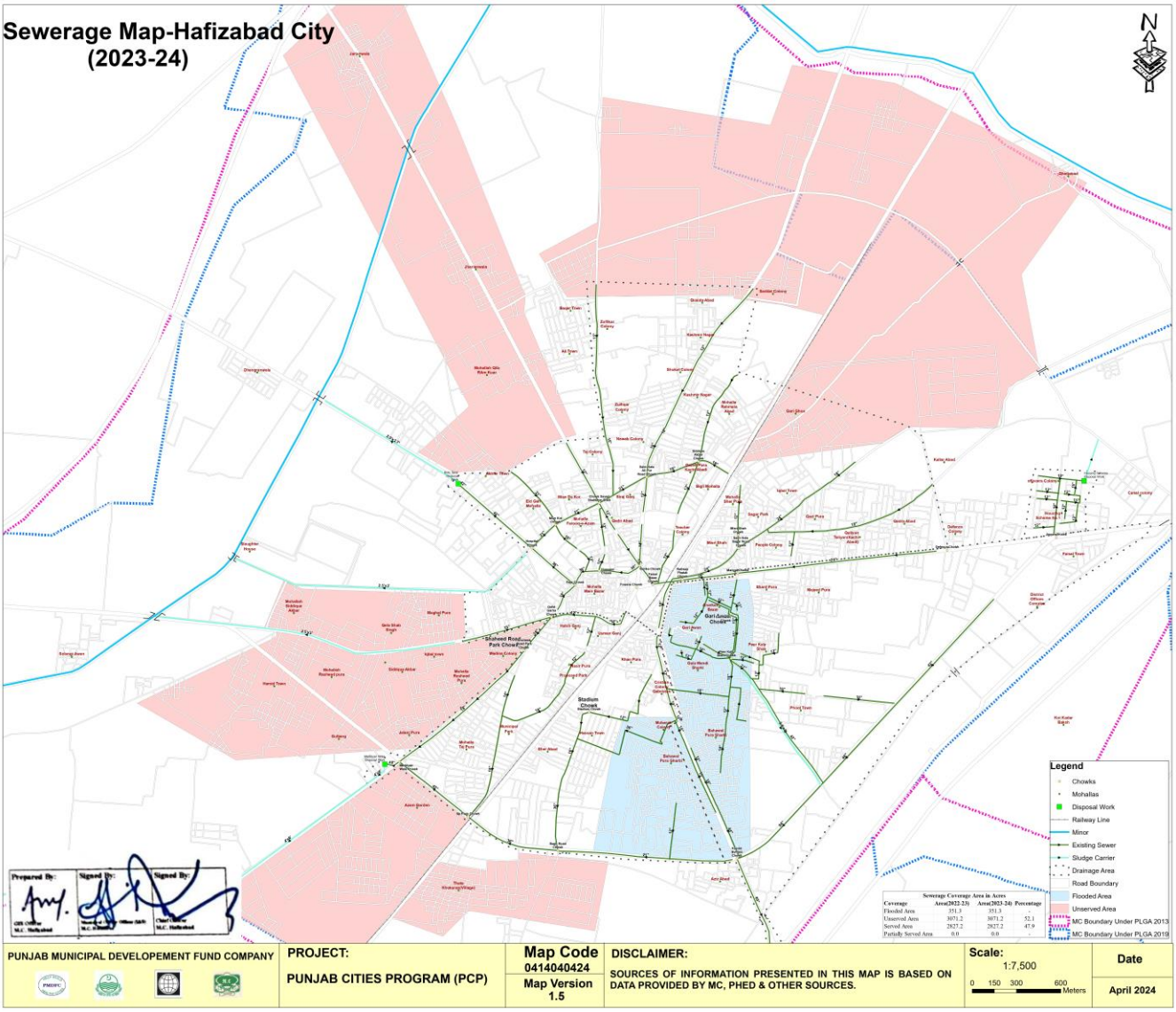
Data Checked By: Mr. M. Fiaz	*Designation: Team Member*	*Sign & Date: 08 May 2023*

2. Sewerage

a) Line Diagram of Sewerage Network



b) Map of Sewerage Network



A. Sewerage Network

Sr #	Dia	Length (meter)	Age (Years)	Condition	Material	Book Value (PKR Mil)
1	9"	5207	48	Failing	RCC	0
2	12"	5609				0
3	15"	1788				0
4	18"	2484				0
5	21"	925				0
6	24"	1260				0
7	27"	782				0

Sr #	Dia	Length (meter)	Age (Years)	Condition	Material	Book Value (PKR Mil)
8	36"	386				0
9	42"	667				0
10	9"	8492	18	Fair		4.56
11	12"	1901				1.235
12	15"	724				0.665
13	18"	1693				1.33
14	33"	191				0.19
15	36"	1250				1.425
16	42"	600				0.855
17	48"	99				0.285
18	9"	6255	8	Excellent		5.035
19	12"	1226				1.33
20	15"	1279				1.82
21	18"	978				1.615
22	27"	686				1.425
23	42"	2096				8.835
24	48"	475				2.28
25	54"	782				5.13
26	60"	836				7.885

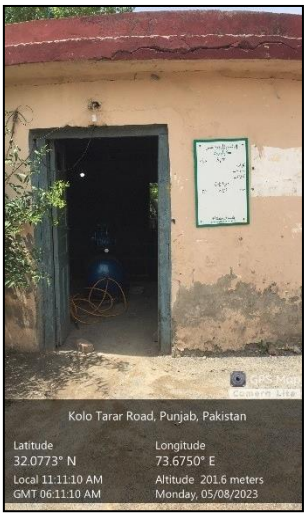
Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A6	**Sewerage Network Asset Condition Assessment**			**Asset Code: _____ Date: 05 May 2023**	
Description		**Area (Acres)**		**Percentage**	
Served Area		1338		79	
Flooded Area		3071		-	
Unserved Area		351		21	
Type and number of complaints received to MC regarding sewerage system?		89 complaints regarding sewerage blockage or over flow and manhole cover were received.			
Steps considered by MC to resolve the complaints		They were all resolved.			
Pipe Dia (inches)	**Pipe Material**	**Length (km)**	**No. of Manholes**	**Year of Laying**	**Age of Pipe**
9	RCC	5.207	342	1975	48
12	RCC	5.609	184	1975	48
15	RCC	1.788	39	1975	48
18	RCC	2.484	41	1975	48
21	RCC	0.925	12	1975	48
24	RCC	1.260	17	1975	48
27	RCC	0.782	9	1975	48
36	RCC	0.386	4	1975	48
42	RCC	0.667	7	1975	48
9	RCC	8.492	557	2005	18
12	RCC	1.901	62	2005	18
15	RCC	0.724	16	2005	18
18	RCC	1.693	28	2005	18
33	RCC	0.191	2	2005	18
36	RCC	1.250	14	2005	18
42	RCC	0.600	7	2005	18
48	RCC	0.099	1	2005	18
9	RCC	6.255	410	2015	8
12	RCC	1.226	40	2015	8
15	RCC	1.279	28	2015	8
18	RCC	0.978	16	2015	8
27	RCC	0.686	7	2015	8
42	RCC	2.096	23	2015	8
48	RCC	0.475	4	2015	8
54	RCC	0.782	6	2015	8
60	RCC	0.836	7	2015	8
Remarks / Requirements					
• No remarks					
Data Collected By: Mr. Tayyab		*Designation: Team Member*			

		Sign & Date: 08 May 2023
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	 *Sign & Date: 08 May 2023*

B. **Disposal Station**

Sr #	Name	Age (Years)		Condition	Status	Nos. of Pump	Discharge Each (Cusec)	Motor hp	Pump Make	Motor Make	Book Value (PKR Mil)
		Civil Structure	Pump								
1	Kolo Tarar Road	48	41 and 3	Fair	Functional	3	(1 x 5 cusecs) + (2 x 4 Cusecs)	60 & 50	KSB	SIEMENS	1.26
2	Madrian Wala Road	16	3	Good	Functional	4	4	50	KSB	SIEMENS	4.86
3	Sheikhupura Road	8	(3 x 8 years) + (3 x 3 Years)	Fair	Functional	6	(4 x 4 cusecs) + (2 x 8 cusec= Non-Functionla)	50 &100	KSB	SIEMENS	1.62
4	Housing Colony	Not Available	Not Available	Poor	Functional	1	2.5	40	KSB	SIEMENS	0.27

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A7	**Sewerage Disposal Station Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Asset Detail					**Pictures**
Name		Kolo Tarar			
Location	**Latitude**	32.0773			
	Longitude	73.6750			
Address		Kolo Tarar Road, Hafizabad			
Area (Acres)		3.5			
Installation Year		1982			
Capital Cost of Machinery					
Outfall Drain Sewer	**Dia**	36”			
	Material	RCC			
Screening Chamber	**No. of Screens**	2			
	Screen Condition	Good	Fair	Poor	
	Chamber Structure	RCC			
Wet Wells	**Number**	1			
	Shape	Rectangular	Circular		
	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**	3’x5’			
	Shape	Rectangular			
	Length	3466			
	Condition	Good			
Delivery Pipe	**Dia**	8”	12”	12”	
	Material	CI	CI	CI	
Suction Pipe	**Dia**	8”	12”	12”	
	Material	CI	CI	CI	
Number of Valves	**Sluice Valves**	6			
	Non-Return Valves	3			
	Penstock Valves	2			
Ultimate Disposal		Seepage Drain (Saim)			
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 m^3/day? (based on available information at MC)		7977			
Ultimate disposal of wastewater?		Seepage Drain (Saim)			
Electro-Mechanical Equipment Details					
Number of WAPDA Feeders		1			



Integrated Development and Asset Management Plan (IDAMP)			
Transformer Capacity (kVA)	100		
Number of MCU	3		
Sanctioned Load (kWh)	119		
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		Poor		Good		Good		
Motor Brand		Siemens		Siemens		Siemens		
Installation Year of Pump		1982		2020		2020		
Discharge Capacity (Cusecs)		5		4		4		
Rotational Speed (RPM)		950		950		950		
Head (ft.)		40		40		40		
Motor Power (HP)		60		50		50		
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						

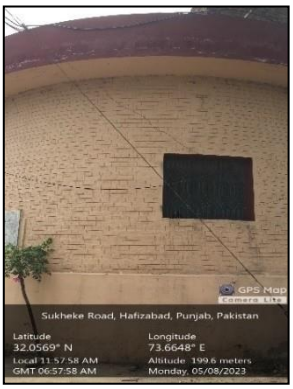
Overall Rating					
Average Score	**1**	**2**	**3**	**4**	**5**
Asset Condition	**Excellent**	**Good**	**Fair**	**Poor**	**Failing**
Category	**A**	**B**	**C**	**D**	**E**

Remarks / Requirements

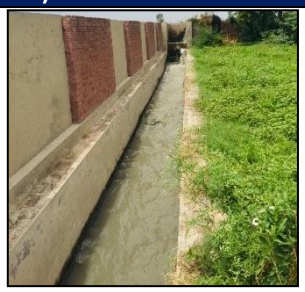
- Valves are not working properly
- Electric panel need repairs

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	*Sign & Date: 08 May 2023*

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A7	**Sewerage Disposal Station Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Asset Detail					**Pictures**
Name		Madhrian Wala Road			
Location	**Latitude**	32.0569			
	Longitude	73.6648			
Address		Madhrian Wala Road, Hafizabad			
Area (Acres)		1			
Installation Year		2007			
Capital Cost of Machinery					
Outfall Drain Sewer	**Dia**	48”			
	Material	RCC			
Screening Chamber	**No. of Screens**	1			
	Screen Condition	Good	Fair	Poor	
	Chamber Structure	RCC			
Wet Wells	**Number**	2			
	Shape	Rectangular	Circular		
	Size	25’			
	Structure	Masonry	RCC		
	Railing	Yes	No		
Force Main	**No. of force mains**	Not-Available			
	Dia				
	Material				
	Starting Point				
	Ending Point				
	Length				
Sullage Carrier	**Size**	4’ x 6’			
	Shape	Rectangular			
	Length	16,939			
	Condition	Good			
Delivery Pipe	**Dia**	12”			
	Material	CI			
Suction Pipe	**Dia**	12”			
	Material	CI			
Number of Valves	**Sluice Valves**	8			
	Non-Return Valves	4			
	Penstock Valves	2			
Ultimate Disposal		Seepage Drain (Saim)			
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 m^3/day? (based on available information at MC)		9,818			
Ultimate disposal of wastewater?		Seepage Drain (Saim)			
Electro-Mechanical Equipment Details					
Number of WAPDA Feeders		1			



Integrated Development and Asset Management Plan (IDAMP)									
Transformer Capacity (kVA)		100							
Number of MCU		4							
Sanctioned Load (kWh)		148							
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 D**	
Pump Type		Centrifugal/ Non-Clogging		Centrifugal/ Non-Clogging		Centrifugal/ Non-Clogging		Centrifugal/ Non-Clogging	
Pump Brand		KSB		KSB		KSB		KSB	
Pump Paint		Good		Good		Good		Good	
Motor Brand		Siemens		Siemens		Siemens		Siemens	
Installation Year of Pump		2020		2020		2020		2020	
Discharge Capacity (Cusecs)		4		4		4		4	
Rotational Speed (RPM)		950		950		950		950	
Head (ft.)		40		40		40		40	
Motor Power (HP)		50		50		50		50	
Pump Daily Running Time (Hours)		6		6		6		6	
Base Plate		Yes	Yes	Yes	No	Yes	No	Yes	No
Number of Valves	**Sluice Valve**	8							
	Non-Returning Valve	4							
Overall Rating									
Average Score	**1**	**2**		**3**		**4**		**5**	
Asset Condition	**Excellent**	**Good**		**Fair**		**Poor**		**Failing**	
Category	**A**	**B**		**C**		**D**		**E**	



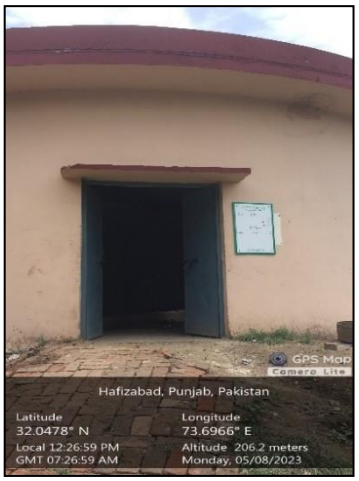
Remarks / Requirements

- One new pipe is required.
- Half Railing was stolen.

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	*Sign & Date: 08 May 2023*

Integrated Development and Asset Management Plan (IDAMP)
Municipal Committee Hafizabad

Integrated Development and Asset Management Plan (IDAMP)					
Form: IDAMP-A7	**Sewerage Disposal Station Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Asset Detail					**Pictures**
Name		Kasoki Disposal			
Location	**Latitude**	32.0478			
	Longitude	73.6966			
Address		Sheikhupura Road, Hafizabad			
Area (Acres)		1			
Installation Year		2015			
Capital Cost of Machinery					
Outfall Drain Sewer	**Dia**	60			
	Material	RCC			
Screening Chamber	**No. of Screens**	1			
	Screen Condition	Good	Fair	Poor	
	Chamber Structure	RCC			
Wet Wells	**Number**	2			
	Shape	Rectangular	Circular		
	Size	35’			
	Structure	Masonry	RCC		
	Railing	Yes	No		
Force Main	**No. of force mains**	6			
	Dia	(4 x 12”) + (2 x 18”)			
	Material	AC			
	Starting Point	Disposal Station			
	Ending Point	Canal			
	Length	1500’			
Sullage Carrier	**Size**	5’ x 3.5’	1.5’ x 2’		
	Shape	Rectangular	Rectangular		
	Length	3396	1831		
	Condition	Fair	Fair		
Delivery Pipe	**Dia**	8”			
	Material	CI			
Suction Pipe	**Dia**	8”			
	Material	CI			
Number of Valves	**Sluice Valves**	12			
	Non-Return Valves	6			
	Penstock Valves	2			
Ultimate Disposal		Seepage Drain (Saim)			
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 m^3/day? (based on available information at MC)		6,546			
Ultimate disposal of wastewater?		Seepage Drian (Saim)			
Electro-Mechanical Equipment Details					



Integrated Development and Asset Management Plan (IDAMP)			
Number of WAPDA Feeders	2		
Transformer Capacity (kVA)	200		
Number of MCU	6		
Sanctioned Load (kWh)	320		
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 D**	**Pump E**	**Pump F**
Pump Type	Centrifugal/ Non-Clogging	Centrifugal/ Non-Clogging	Centrifugal/ Non-Clogging	Centrifugal/ Non-Clogging	Centrifugal/ Non-Clogging	Centrifugal/ Non-Clogging
Pump Brand	KSB	KSB	KSB	KSB	KSB	KSB
Pump Paint	Fair	Good	Good	Good	Fair	Fair
Motor Brand	Siemens	Siemens	Siemens	Siemens	Siemens	Siemens
Installation Year of Pump	2015	2020	2020	2020	2015	2015
Discharge Capacity (Cusecs)	4	4	4	4	8	8
Rotational Speed (RPM)	950	950	950	950	950	950
Head (ft.)	40	40	40	40	40	40
Motor Power (HP)	50	50	50	50	100	100
Pump Daily Running Time (Hours)	4	4	4	4	Non-Functional	Non-Functional

Base Plate	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No

Number of Valves	**Sluice Valve**	**12**
	Non-Returning Valve	6

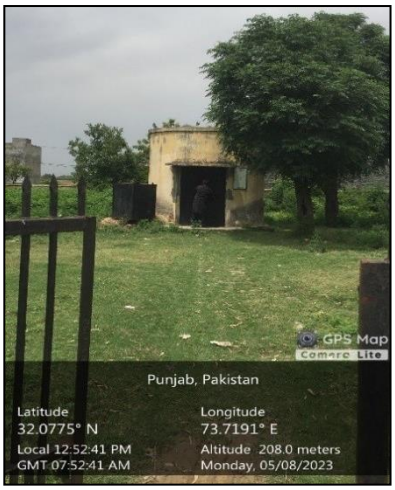
Overall Rating					
Average Score	**1**	**2**	**3**	**4**	**5**
Asset Condition	**Excellent**	**Good**	**Fair**	**Poor**	**Failing**
Category	**A**	**B**	**C**	**D**	**E**

Remarks / Requirements

- Half Railing was missing

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	*Sign & Date: 08 May 2023*

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A7	**Sewerage Disposal Station Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Asset Detail					**Pictures**
Name		Housing Colony			
Location	**Latitude**	32.0775			
	Longitude	73.7191			
Address		Housing Colony, Hafizabad			
Area (Acres)		0.5			
Installation Year		2007			
Capital Cost of Machinery					
Outfall Drain Sewer	**Dia**	18”			
	Material	RCC			
Screening Chamber	**No. of Screens**	Zero			
	Screen Condition	Good	Fair	Poor	
	Chamber Structure	RCC			
Wet Wells	**Number**	1			
	Shape	Rectangular	Circular		
	Size	25’			
	Structure	Masonry	RCC		
	Railing	Yes	No		
Force Main	**No. of force mains**	1			
	Dia	12”			
	Material	AC			
	Starting Point	Disposal			
	Ending Point	Broad Irrigation			
	Length	Not-Available			
Sullage Carrier	**Size**	Not-Available			
	Shape				
	Length				
	Condition				
Delivery Pipe	**Dia**	12”			
	Material	CI			
Suction Pipe	**Dia**	12”			
	Material	CI			
Number of Valves	**Sluice Valves**	2			
	Non-Return Valves	1			
	Penstock Valves	2			
Ultimate Disposal		Field			
Civil Structure Condition		Good	Fair	Poor	
Control Room Structure		Good	Fair	Poor	
Discharge Box Structure		No Discharge Box			
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 m^3/day? (based on available information at MC)		767			
Ultimate disposal of wastewater?		Field			



Integrated Development and Asset Management Plan (IDAMP)			
Electro-Mechanical Equipment Details			
Number of WAPDA Feeders	1		
Transformer Capacity (kVA)	50		
Number of MCU	1		
Sanctioned Load (kWh)	30		
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 Type		Centrifugal/ Non-Clogging	
Pump Brand		KSB	
Pump Paint		Fair	
Motor Brand		Siemens	
Installation Year of Pump		2007	
Discharge Capacity (Cusecs)		2.5	
Rotational Speed (RPM)		950	
Head (ft.)		40	
Motor Power (HP)		40	
Pump Daily Running Time (Hours)		3	
Base Plate		Yes	No
Number of Valves	**Sluice Valve**	2	
	Non-Returning Valve	1	

Overall Rating					
Average Score	**1**	**2**	**3**	**4**	**5**
Asset Condition	**Excellent**	**Good**	**Fair**	**Poor**	**Failing**
Category	**A**	**B**	**C**	**D**	**E**

Remarks / Requirements

- New Machinery is required
- Screen Chambers are in very poor Condition
- There was no discharge box

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	*Sign & Date: 08 May 2023*

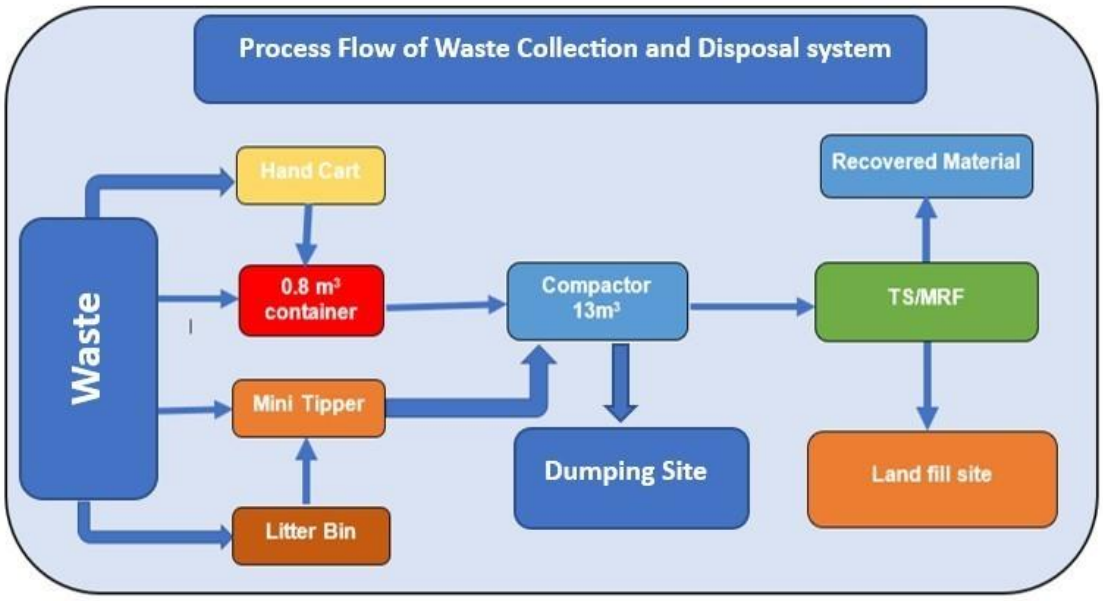
C. Vehicles/ Machinery

Sr #	Name	Registration Number	Age (Years)	Condition	Status	Capacity	Book Value (PKR Mil)
1	Sucker Machine	Applied For Registration	9	Fair	Functional	3400 CC	1.17
2	Dewatering Set (7 Nos)	Not Available	Not Available	Fair	Functional	Not Available	Not Available
3	Shoulder Foggers (10 Nos)	Not Applicable	10	Fair	Functional	Not Available	Not Available
4	Spray Pumps (15 Nos)	Not Applicable	10	Fair	Functional	Not Available	Not Available
5	Sewer Safety Equipment (2 Nos)	Not Applicable	10	Fair	Functional	Not Available	Not Available

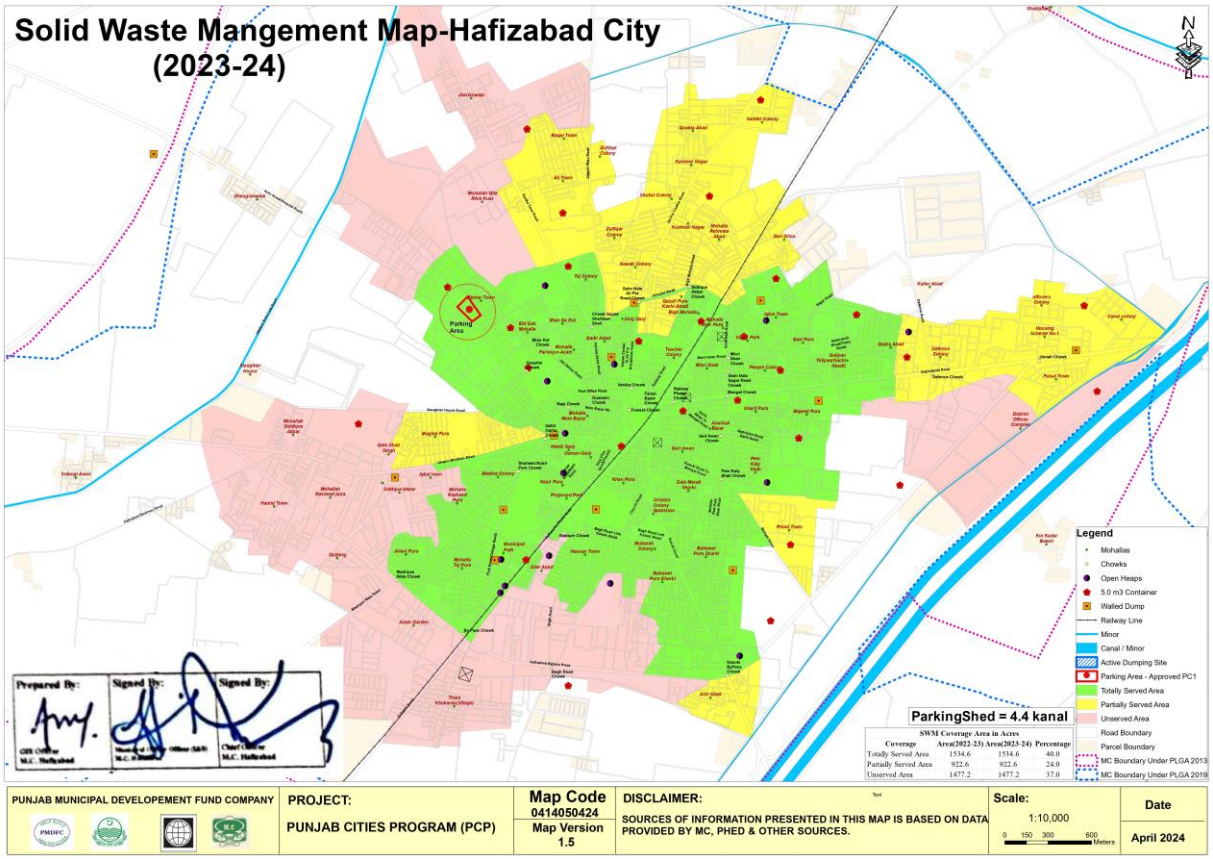
Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A16	**Moveable Asset Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Type of Vehicle / Machinery			**Pictures**		
Sucker Machine					
Model / Description					
Nissan/Applied for Registration					
Capacity	4500 Liters				
Purpose	Sewerage				
Year of Manufacturing	2014				
Model	PKB 211				
Capital Cost					
Fuel Consumption	935 Liter/month				
Condition	Fair				
Engine Capacity	3400 CC				
Maintenance Cost	70,000				
Oiling /Fitness	Yes				
Fitness Certificate	No				
Registered	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. Tayyab		*Designation: Team Member*		*Sign & Date: 08 May 2023*	
Data Checked By: Mr. M. Fiaz		*Designation: Team Lead*		*Sign & Date: 08 May 2023*	

3 Solid Waste Management

. a) Flow Chart of Solid Waste Collection and Disposal System



b) Map of Solid Waste System



A. **Dumping Site**

Sr #	Name	Age (Years)	Condition	Status	Area(Acres)	Ownership	Book Value (PKR Mil)
1	Chak Chattha Site 3	3-Feb-2010	Fair	Functional	2	State Land	131.84

Integrated Development And Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A11	**Solid Waste Dumping Site Asset Condition Assessment**			**Asset Code: _____ Date: 05 May 2023**	
Name		Chak Chattha Site 3		**Pictures**	
Location	**Latitude**	32.082328			
	Longitude	73.753611			
Address		Gujranwala Road, Hafizabad			
Area (Acres)		2			
Distance from urban area		7.5 Km			
Year the site started for dumping service		2010			
Average waste dumped daily (based on information provided by MC)		25-30 Trolleys			
EHS SOPs for waste handlers		Yes	No		
Availability of PPEs for waste collectors/handlers		Yes	No		
Expected Life (Years)		2-3			
Land Ownership		State Land			
Site Accessibility		OK			
Surface Type		Flat	Depressed		
Approach Road Condition		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**	**3**	**4**	**5**
Asset Condition	**Excellent**	**Good**	**Fair**	**Poor**	**Failing**
Category	**A**	**B**	**C**	**D**	**E**

Remarks / Requirements

- There is no proper landfill site in MC Hafizabad
- Project of a proper landfill site is required for disposal of solid waste to protect the environment.

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*

Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	 *Sign & Date: 08 May 2023*

B. **Vehicles/ Machinery**

Sr #	Name	Registration Number	Quantity	Age (Years)	Condition	Status	Capacity	Book Value (PKR Mil)
1	Tractor-Millat	MCH-385/2	1	9	Fair	Functional	85 HP	0.18
2	Tractor-AGTL	MCH-640/2	1	13	Fair	Functional	86 HP	0.09
3	Tractor-Millat	MCH-240/4	1	43	Fair	Functional	50 HP	0.09
4	Tractor-Millat	MCH-240/5	1	43	Fair	Functional	51 HP	0.09
5	Tractor-Millat	MCH-385/1	1	21	Fair	Functional	85 HP	0.09
6	Tractor-Millat	MCH-240/3	1	43	Fair	Functional	50 HP	0.09
7	Tractor-Millat	MCH-240/1	1	43	Fair	Functional	50 HP	0.09
8	Tractor-Millat	MCH-240/2	1	43	Fair	Functional	50 HP	0.09
9	Tractor-AGTL	MCH-640/1	1	53	Fair	Functional	85 HP	0.09
10	Road Prince	MCH-07	1	7	Fair	Functional	100 CC	0.045

Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Hafizabad						
Form: IDAMP-A16	**Moveable Asset Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**	
Type of Vehicle / Machinery	**Pictures**					
Tractor						
Registration No.	MCH-385/2	MCH-640/2	MCH-450	MCH-240/4	MCH-240/5	MCH-385/1
Purpose	SWM	SWM	SWM	SWM	SWM	SWM
Year of Manufacturing	2014	2000	1965	1980	1980	2002
Model	MF 385	FIAT 640	FIAT 450	MF 240	MF 240	MF 385
Capital Cost						
Fuel Consumption	565	623	289	605	644	690
Condition	Fair	Fair	Fair	Fair	Fair	Fair
Engine Capacity	85HP	85HP	55HP	50HP	50HP	85HP
Maintenance Cost	50,000	50,000	100,000	100,000	100,000	100,000
Oiling /Fitness	Yes	Yes	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No	No	No
Registered	Yes	Yes	Yes	Yes	Yes	Yes
Registration No.	MCH-240/3	MCH-240/1	MCH-240/2	MCH-640/1	MCH-300/1	
Purpose	SWM	SWM	SWM	SWM	SWM	
Year of Manufacturing	1980	1980	1980	1970	2005	
Model	MF 240	MF 240	MF 240	FIAT 640	Not Available	
Capital Cost						
Fuel Consumption	642	750	611	704	324	
Condition	Fair	Fair	Fair	Non-Functional	Fair	
Engine Capacity	50HP	50HP	50HP	85HP	80HP	
Maintenance Cost	100,000	100,000	100,000	Not Available	20,000	
Oiling /Fitness	Yes	Yes	Yes	Yes	Yes	
Fitness Certificate	No	No	No	No	No	
Registered	Yes	Yes	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					

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Hafizabad		
Form: **IDAMP-A16**	**Moveable Asset** **Asset Condition Assessment**	**Asset Code: _____** **Date: 05 May 2023**
• No remarks		
Data Collected By: Mr. Tayyab	*Designation: Team Member*	 *Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	 *Sign & Date: 08 May 2023*

Integrated Development and Asset Management Plan (IDAMP)							
Municipal Committee Hafizabad							
Form: IDAMP-A16	**Moveable Asset Asset Condition Assessment**					**Asset Code: _____ Date: 05 May 2023**	
Type of Vehicle / Machinery	**Pictures**						
Mini Truck & Rickshaw							
	Faw Carrier		Rickshaws				
Purpose	SWM	SWM	SWM	SWM	SWM	SWM	SWM
Year of Manufacturing	2014	2014	2016	2016	2016	2016	2016
Model	A1024V	A1024V	Not Available	Not Available	Not Available	Not Available	Not Available
Capital Cost							
Fuel Consumption (Liter/month)	336	400	82	81	84	85	84
Condition	Fair	Fair	Fair	Fair	Fair	Fair	Fair
Engine Capacity	960 CC	960 CC	150 CC	150 CC	150 CC	100 CC	100 CC
Maintenance Cost (Monthly)	15,000	18,000	20,000	20,000	20,000	20,000	20,000
Oiling /Fitness	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No	No	No	No
Registered	MCH 01	MCH 02	MCH 01	MCH 02	MCH 01	MCH 02	MCH 01

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. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team* **Lead**	*Sign & Date: 08 May 2023*

Sr #	Name	Registration Number	Quantity	Age (Years)	Condition	Status	Capacity	Book Value (PKR Mil)
13	Bike-Road Prince	MCH-06	1	7	Fair	Functional	100 CC	0.45
14	AL Haj Faw Motors	MCH-02	1	9	Fair	Functional	960 CC	0.18
15	AL Haj Faw Motors	MCH-01	1	9	Fair	Functional	960 CC	0.18
16	Truck-Solid Waste	MCH-300/1	1	18	Fair	Functional	80 HP	0.27
17	Mechanical Sweeper	Not Available	1	20	Failing (Handing Over to BECO for Repairing)	Non-Functional	Not Available	1.4
18	SWM Container (27 No.s)	Not Available	27	Not Available	Excellent	Not Available	5m3	1.89
19	Garbage Compactor 8 cubic meter capacity	Not Available	5	1	Excellent	Functional	8 cubic meter	8.64
20	Water Truck Spray system	Not Available	2	1	Excellent	Functional	Not Available	6.93
21	Mini Mobile Workshop	Not Available	1	1	Excellent	Functional	Not Available	5.06
22	Dump Truck 10 Cubic meter	Not Available	2	1	Excellent	Functional	10 Cubic meter	13.70
23	Mini Tippers	Not Available	7	1	Excellent	Functional	Not Available	1.44
24	Sewer Jetting Machine 4500 Liter	Not Available	1	1	Excellent	Functional	4500 Liter	5.40
25	Sewer Suction Machine 4500 Liter	Not Available	1	1	Excellent	Functional	4500 Liter	5.40
26	Three wheel Hand Carts Conventional	Not Available	205	1	Excellent	Functional	0.8 Cubic Meter Containers	0.05
27	Mechanical sweeper	Not Available	1	1	Excellent	Functional	Not Available	2.25
28	Tractor front blade	Not Available	2	1	Excellent	Functional	385 2WD	2.17
29	Tractor with Front End Loader	Not Available	2	1	Excellent	Functional	385 4WD	2.73
30	Tractor for Mechanical Sweeper	Not Available	1	1	Excellent	Functional	Not Available	2.84

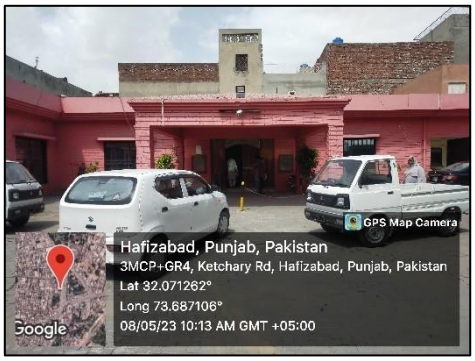
Sr #	Name	Registration Number	Quantity	Age (Years)	Condition	Status	Capacity	Book Value (PKR Mil)
31	Three wheel Hand Cart Waste Tipping Trolley with adjustable height	Not Available	5	1	Excellent	Functional	Not Available	0.08
32	Wheel Excavator	Not Available	1	1	Excellent	Functional	Not Available	41.22
33	Motor cycle 70cc	Not Available	7	1	Excellent	Functional	70cc	0.09
34	Garbage container 0.8 cubic meters capacity	Not Available	350	1	Excellent	Functional	0.8 cubic meters	0.06

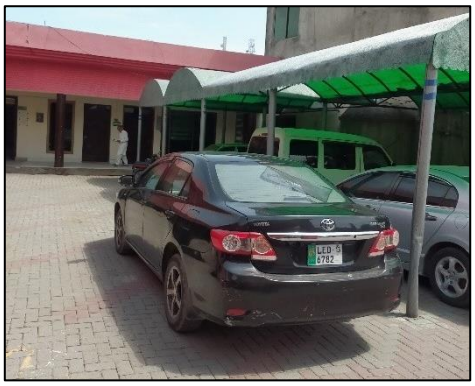
4. Building

A. Offices

Sr #	Name	Age (Years)	Condition	Status	Area (Acres)	Book Value (PKR Mil)
1	MC Office	48 (2006 Renovation)	Fair	Functional	1.5	209.28

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Service Unit Hafizbad				
Form: IDAMP-A14	Building Asset Condition Assessment			Asset Code: _____ Date: 05 May 2023
Name		MC Office		Pictures
Location	Latitude	32.071262		
	Longitude	73.687108		
Address		Ketchary Road, Hafizabad		
Year of Construction		2006		
Land Area (Acres)		0.73		
No. of Stories		1		
Condition		Good		
Purpose		MC Office		
No. of Staff		12		
No. of Rooms		40		
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

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Service Unit Hafizbad					
Form: IDAMP-A14	Building Asset Condition Assessment			Asset Code: _____ Date: 05 May 2023	
Category	A	B	C	D	E
Remarks / Requirements					
• No remarks					
Data Collected By: Mr. Tayyab		*Designation: Team Member*		 *Sign & Date: 08 May 2023*	
Data Checked By: Mr. M. Fiaz		*Designation: Team Lead*		 *Sign & Date: 08 May 2023*	

B. Shops

Sr #	Name	No.	Condition	Status	Area (square feet)	Book Value PKR million
1	Faisal Bazar Shops	4	Fair	Functional	84	0.44
2	Hussain Pura - Shops	4	Fair	Functional	84	0.44
3	Makkah Market	26	Fair	Functional	84	0.44
4	Railway Road	2	Fair	Functional	84	0.44
5	Shop- General Bus Stand	20	Fair	Functional	160	0.99
6	Shop-Post Office Road	1	Fair	Functional	12	0.11
7	Shops at General Bus Stand	12	Fair	Functional	102	0.66
8	Shops at Gujranwala Road	7	Fair	Functional	143	0.88
9	Shops at Kasoki Road	13	Fair	Functional	154	0.88
10	Graveyard Road Muhalla Khan Pura	1	Fair	Functional	240	1.43
11	Alipur Road	1	Fair	Functional	143	0.88
12	Kolo Road	1	Fair	Functional	221	1.32
13	Saddar Chungi	1	Fair	Functional	68	0.33

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 05 May 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**

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 05 May 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	51019	General Bus Stand Gujranwala Road	32.0710693	73.69454606	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Rana Rafaqat	Workshop Godam
2	51001	General Bus Stand Gujranwala Road	32.07126046	73.69457693	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Poor	Faisal Hayat	Auto Shop
3	51018	General Bus Stand Gujranwala Road	32.07109323	73.69452816	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Imran Ali	Auto spare parts
4	51023	General Bus Stand Gujranwala Road	32.07088129	73.69464409	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Mohammad Mohsin Naseer	Auto Spare Parts
5	51012	General Bus Stand Gujranwala Road	32.07081802	73.69461603	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhammad Asif	Auto Spare Parts
6	51024	General Bus Stand Gujranwala Road	32.07076463	73.69468212	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Skindar Hayat	Auto Spare Parts
7	51026	General Bus Stand Gujranwala Road	32.07073866	73.69480419	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Habib Rizwan	Auto Spare Parts
8	51021	General Bus Stand	32.07100038	73.69465255	102	2	Commercial	Not Owned/ But	No	No	Rented/ Leased	Good	Qamar abbas	Auto Spareparts

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 05 May 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**
		Gujranwala Road						Managed						
9	51003	General Bus Stand Gujranwala Road	32.07116108	73.69453982	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Poor	Abdul Rehman	Auto Work Shop
10	51006	General Bus Stand Gujranwala Road	32.0713569	73.69457691	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Poor	Muhammad Rafique	Auto Workshop
11	51022	General Bus Stand Gujranwala Road	32.07090567	73.69459791	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Naseer Ahmed	Auto Workshop
12	51013	General Bus Stand Gujranwala Road	32.07077361	73.69463699	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Ali	Auto Workshop
13	51014	General Bus Stand Gujranwala Road	32.0707854	73.69467369	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Khalid	Auto Workshop
14	51017	General Bus Stand Gujranwala Road	32.07153753	73.69461679	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhammad Iqbal	Auto Workshop
15	52002	Al-Makkah Market Near Masjid Soobay Daar	32.06931188	73.68891411	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Abdul Majeed	book Goodam

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 05 May 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**
		wali												
16	51005	General Bus Stand Gujranwala Road	32.07135927	73.69457473	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Poor	Shahid Hussain	Bus Booking Office
17	50008	Al-Faisal Bazar Gujranwala Road	32.07134416	73.68824889	18	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhammad Hussnain	Cloth House
18	50009	Al-Faisal Bazar Gujranwala Road	32.07131034	73.68822458	18	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Asghar Ali	cloth house
19	50010	Al-Faisal Bazar Gujranwala Road	32.07125626	73.68821968	29	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhammad Saeed	cloth house
20	52020	Al-Makkah Market Near Masjid Soobay Daar wali	32.06947655	73.68846578	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhammad Ali	Cloth Shop
21	50011	Al-Faisal Bazar Gujranwala Road	32.07129385	73.68829671	18	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Haji Farzand Ali	cloth shop
22	51007	General Bus Stand Gujranwala	32.07175456	73.69461588	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhammad Raiz	Cold Corner

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 05 May 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												
23	52025	Al-Makkah Market Near Masjid Soobay Daar wali	32.06943928	73.68835997	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Jamsheed	Crocery Store
24	50004	Gujranwala road Near Masjid Tayba	32.07134002	73.69053178	143	2	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Fair	Ghulam Abbas	Dental Clinic
25	51002	General Bus Stand Gujranwala Road	32.07122098	73.69461157	204	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Poor	Ghulab Din	Electrician
26	39003	Moh: Hussain pura Near Water Filtration Plant	32.06956755	73.68188029	84	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Safdar	electrician
27	51010	General Bus Stand Gujranwala Road	32.07079095	73.69453142	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Khalid Javid	Electrition
28	52034	Al-Makkah Market Near Masjid Soobay Daar Wali	32.06936021	73.68865297	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Haji Mian Shehroze	Empty

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 05 May 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**
29	52011	Al-Makkah Market Near Masjid Soobay Daar wali	32.06936202	73.68863748	63	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Shikmi Abid Hussain	Empty
30	51004	General Bus Stand Gujranwala Road	32.07108059	73.69460329	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Poor	Ali Hamza	Gas Egency
31	51008	General Bus Stand Gujranwala Road	32.07142632	73.69445647	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Ghulam Mustafa	General Bus stand Office
32	52022	Al-Makkah Market Near Masjid Soobay Daar wali	32.06941858	73.68840612	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhammad Imran	General Store
33	52019	Al-Makkah Market Near Masjid Soobay Daar wali	32.0693674	73.68849546	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Nadeem	Godam
34	52013	Al-Makkah Market Near Masjid Soobay Daar wali	32.0693515	73.68860595	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Asif Naeem	Godown
35	24001	Qabrastan road MOh:	32.06636987	73.68533319	240	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Arshad	Green Fodder(Cha

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 05 May 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**
		khan pura												ra Shop)
36	54001	Railway Road Near Cheema Medicine Company	32.07325479	73.6898632	120	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Poor	Saghir Ahmed	Karyana Store
37	52007	Al-Makkah Market Near Masjid Soobay Daar wali	32.06935151	73.68876583	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Sajad	Karyana Store
38	55001	Kolo Road Opposite DHQ Hospital	32.07319179	73.67990362	221	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Zeeshan Gouhar	Karyana Store
39	52033	Timber Market Primary School No.5 Kasoki Road	32.05884238	73.69220987	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Zameer Ul Hassan	Lohar Shop
40	52001	Al-Makkah Market Near Masjid Soobay Daar wali	32.06928528	73.68893106	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	muhammad Nadeem	Makki Furit Chatt
41	52024	Al-Makkah Market Near Masjid Soobay Daar wali	32.06943545	73.68837685	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Zahoor Ahmad	Meat Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 05 May 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**
42	39001	Moh: Hussain pura near Water Filtration plant	32.06956546	73.68176816	84	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Shakmi Riasat Ali	Meat Shop
43	39002	Moh: Hussain pura Near Water Filtration Plant	32.06956469	73.68184954	84	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Saif Ullah	Meat shop
44	56001	Post Office Road Opposite Ameen Hospital	32.07179017	73.6872149	646.75	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Abdur rehman	Medical Store
45	50012	Gujranwala road near Tarar Travels	32.07148048	73.69194566	884	3	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Mazher Iqbal	Medical Store
46	54002	Railway Road Near Cheema Medicine Company	32.07332633	73.68982096	120	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Poor	Aftab Ahmad	Milk Shop
47	51020	General Bus Stand Gujranwala Road	32.07102167	73.69464257	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Sajjad Hussain	Mobil Oil Shop
48	50005	Gujranwala road Near Masjid Tayba	32.07132935	73.69056672	143	2	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Fair	Muhammad Iqbal	Mobile Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 05 May 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**
49	51009	General Bus Stand Gujranwala Road	32.07085684	73.69438663	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhammad Talha	Mobile shop
50	50001	Gujranwala road near masjid Tayyba	32.07132172	73.69049473	143	2	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Fair	Abubakar	Optical Service
51	50007	Gujranwala road Near Masjid Tayba	32.07130637	73.69057468	143	2	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Fair	Malik Tariq Mehmood	Paint Store
52	50002	Gujranwala road Near Masjid Tayba	32.07129671	73.69051893	143	2	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Fair	Asad ullah	Pharmacy
53	52009	Al-Makkah Market Near Masjid Soobay Daar wali	32.06935129	73.68875307	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhammad zaman	plastic Bag
54	52008	Al-Makkah Market Near Masjid Soobay Daar wali	32.06933967	73.68875112	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhammad zaman	plastic Bags Shop
55	50006	Gujranwala road Near Masjid Tayba	32.07132405	73.69060503	143	2	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Fair	Muhammad Yousaf	plastic store
56	52031	Timber Market Primary School No.5	32.05855428	73.69236319	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Gulam Murtaza	Rasturant

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 05 May 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**
		Kasoki Road												
57		Timber Market Primary School No.5 Kasoki Road	32.05853189	73.69241099	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Nouman Akbar	Seal
58		Timber Market Near Primary School No.5 kasoki road	32.05847529	73.69245142	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Muhammad Irfan	seal
59		Timber Market Near School No.5 Kasoki road	32.05848882	73.69232198	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Muhammad Irfan	Seal
60		Timber Market Near Primary School No.5 Kassoki Rd	32.05833206	73.69252859	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Khan Muhammad	Seal
61	52021	Al-Makkah Market Near Masjid Soobay Daar wali	32.06939704	73.68845934	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Ghulam Muhammad	Seal
62	52023	Al-Makkah Market Near Masjid Soobay Daar	32.06938259	73.68836166	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Abdul Latif	Seal

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 05 May 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**
		wali												
63		General Bus Stand Gujranwala Road	32.07072384	73.69461529	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Seal	Seal
64		General Bus Stand Gujranwala Road	32.07078077	73.69476557	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	seal	seal
65		General Bus Stand Gujranwala Road	32.07077598	73.69485456	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Seal	Seal
66		General Bus Stand Gujranwala Road	32.0707269	73.69447978	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Seal	Seal
67	50003	Gujranwala road Near Masjid Tayba	32.07131383	73.69051538	143	2	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Fair	shieakh saleem	Shieakh Wann Sutar & Jharo Farosh
68	52005	Al-Makkah Market Near Masjid Soobay Daar wali	32.06930107	73.68880029	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhammad Abdul Gafoor	shoping Bag
69	52006	Al-Makkah Market Near Masjid	32.06930593	73.68879053	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhammad abdul gafoor	shoping Bag

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 05 May 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**
		Soobay Daar wali												
70	52003	Al-Makkah Market Near Masjid Soobay Daar wali	32.06931814	73.68883867	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Ishfaq	Shose shop
71	52004	Al-Makkah Market Near Masjid Soobay Daar wali	32.06927808	73.68883584	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	muhammad Ishaq	Shose shop
72	52032	Timber Market Primary School No.5 Kasoki Road	32.05878095	73.69222423	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Mohammad Abrar	Steel decoration
73	52035	Timber Market Primary School No.5 Kasoki Road	32.05835984	73.69248324	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Umer Manzoor	Steel Decoration
74	52014	Al-Makkah Market Near Masjid Soobay Daar wali	32.06937291	73.68856529	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Asif naem	sweet godam
75	52012	Al-Makkah Market Near Masjid	32.06934925	73.68865463	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Asif Naeem	Sweet shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 05 May 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**
		Soobay Daar wali												
76	52018	Al-Makkah Market Near Masjid Soobay Daar wali	32.06943008	73.68852083	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Saif Ullah	Tea Shop
77	39004	Moh: Hussain pura Near Water Filtration Plant	32.06954382	73.68188355	84	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Nasrullah	Tea Shop
78	53001	Ali Pur Road Near Double Section Girls School	32.07748845	73.68789315	143	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Ijazz Ahmad	Tea Stall
79	52028	Timber Market Near Primary School No.5 kasoki road	32.0584422	73.69245457	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Umar Manzoor	Timber Shop
80	52027	Timber Market Near Primary School No.5 kasoki road	32.05839896	73.69244497	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Faisal Manzoor	timber shop
81	52026	Timber Market Near Primary School No.5	32.05832978	73.69247545	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Faisal Manzoor	Timber shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 05 May 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**
		kasoki road												
82	52030	Timber Market Primary School No.5 Kasoki Road	32.05850283	73.69239872	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Wali Ahad	Timber Store
83	52010	Al-Makkah Market Near Masjid Soobay Daar wali	32.06934683	73.68870705	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Saqlain Abbas	Toy Shop
84	52016	Al-Makkah Market Near Masjid Soobay Daar wali	32.06937024	73.68852878	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Syed Mohsin abbas	Toy Shop
85	52017	Al-Makkah Market Near Masjid Soobay Daar wali	32.06937358	73.68850941	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhammad Itfad	Toy shop
86	51011	General Bus Stand Gujranwala Road	32.07081379	73.69458135	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Faisal Ahmad	Tyre Shop
87		General Bus Stand Gujranwala Road	32.07114774	73.69452448	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Poor	Vacant	Vacant

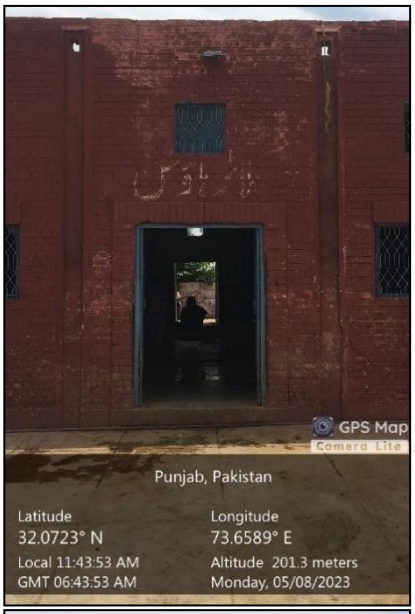
Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 05 May 2023		
SR.	**Shop Code**	**Property Address**	**Latitude**	**Longitude**	**Area (Sqft)**	**No of Stories**	**Property Location Status**	**Ownership Status**	**Encroachment Status**	**Litigation Exist**	**Current Status**	**Condition**	**Tenant Name**	**Business**
88		General Bus Stand Gujranwala Road	32.07117731	73.69450126	204	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Poor	vacant	vacant
89		General Bus Stand Gujranwala Road	32.07076618	73.69450811	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Vacant	vacant
90		General Bus Stand Gujranwala Road	32.0711898	73.69453402	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Poor	Vacant	vacant
91	52029	Timber Market Primary School No.5 Kasoki Road	32.05849969	73.69241514	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Zaigham Ali	Wailding Shop
92	51025	General Bus Stand Gujranwala Road	32.07076592	73.69472158	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Ghulam Abbas	Weelding shop
93	52015	Al-Makkah Market Near Masjid Soobay Daar wali	32.0693909	73.68853318	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhammad Naem	zarry house
Average Score		**1**			**2**			**3**			**4**		5	

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Hafizabad														
Form: IDAMP-A17					Shop Asset Condition Assessment								Asset Code: _____ Date: 05 May 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**
Asset Condition		**Excellent**			**Good**			**Fair**			**Poor**		Failing	
Category		**A**			**B**			**C**			**D**		E	
Data Collected By: Mr. Tayyab					*Designation: Team Member*						*Sign & Date: 08 May 2023*			
Data Checked By: Mr. M. Fiaz					*Designation: Team Member*						*Sign & Date: 08 May 2023*			

5. Public Places

A. Slaughterhouse

Sr #	Name	Age (Years)	Condition	Status	Area (Acres)	Book Value (PKR Mil)
1	Municipal Slaughterhouse	17	Fair	Functional	0.775	91.84

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A15	**Slaughterhouse Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Name		Slaughter House		**Pictures**	
Location	**Latitude**	32.0723			
	Longitude	73.6589			
Address		Kolo Road, Hafizabad			
Year of Construction		2006			
Total Area (Acres)		0.775			
Ownership		MC			
Slaughter Capacity (Per Day)	**Larger Animals**	Not-Available			
	Smaller Animals	Not-Available			
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		
• No remarks		
Data Collected By: Mr. Tayyab	*Designation: Team Member*	 *Sign & Date: 08 May 2023*

Data Checked By: Mr. M. Fiaz	*Designation: Team Member*	 *Sign & Date: 08 May 2023*

B. Bus Stand

Sr #	Name	Age (Years)	Condition	Status	Area (Acres)	Book Value (PKR Mil)
1	Bus Stand Gujranwala Road	35	Fair	Functional	0.75	113.4

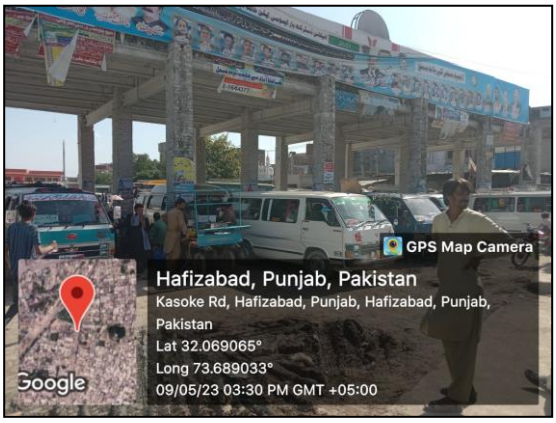
Integrated Development and Asset Management Plan (IDAMP)

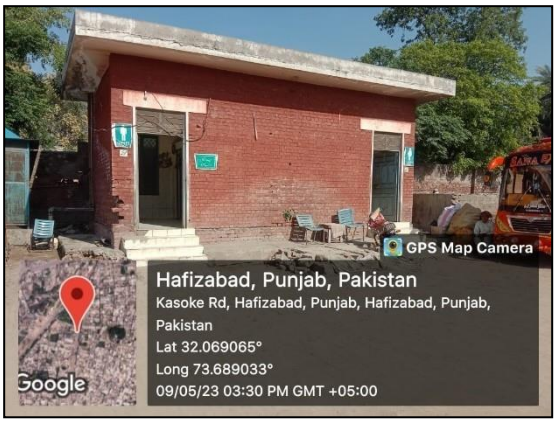
Municipal Committee Hafizabad

Form: IDAMP-A12	**Bus Stand Asset Condition Assessment**	**Asset Code: _____ Date: 05 May 2023**

Name		General Bus Stand			
Location	**Latitude**	32.071566			
	Longitude	73.694933			
Address		Gujranwala Road, Hafizabad			
Year of Construction		1988			
Last Major Renovation		Not-Available			
Area (Acres)		0.75			
Ownership		State Land			
Class		A	B	C	D
Designed Capacity of Vehicles	**Buses**	Not-Available			
	Coasters	Not-Available			
	Wagons	Not-Available			
Daily parking of vehicles (based on information provided by MC)	**Buses**	6-8 (Shade)	10-12 (Open)		
	Coasters	20			
	Wagons	70			
	Rickshaws	Not-Available			
Distance from the urban area		1 KM			
Security	**At Entry**	Yes	No		
	At Exit	Yes	No		
Gate	**At Entry**	Yes	No		
	At Exit	Yes	No		
Waiting Area	**Men**	Yes	No		
	Families	Yes	No		
Washroom	**Male**	Yes	No		
	Female	Yes	No		
Prayer Room	**Male**	Yes	No		
	Female	Yes	No		
Administration Office		Yes	No		
Parking Stand	**Rickshaw**	Yes	No		
	Cars	Yes	No		
Fuel Outlets		Yes	No		
Reception Desk		Yes	No		
Ticketing System		Yes	No		
Tuck Shop		Yes	No		

Pictures





Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A12	**Bus Stand Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Workshop		Yes	No		
Ablution Area		Yes	No		
Pedestrian		Yes	No		
Green Spaces		Yes	No		
Water Drinking Arrangement		Yes	No		
Water Disposal Arrangement		Yes	No		
Boarding Shed		Yes	No		
Workshops		Yes	No		
Lighting		Yes	Fair		
Boundary Wall		Yes	No		
Flooring & Pavement	**Type**	Brick Soiling			
	Condition	Good	Fair	Poor	

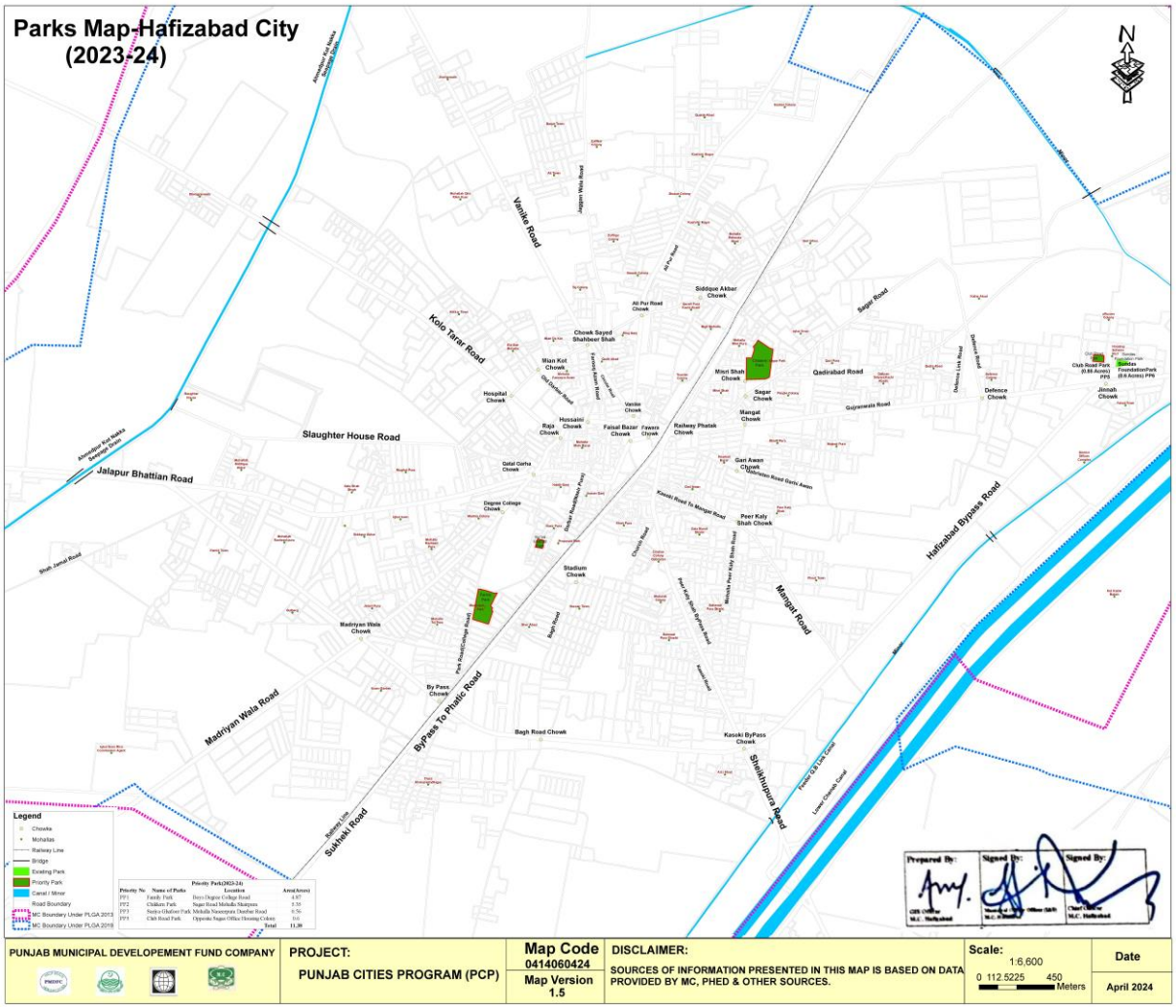
Overall Rating					
Average Score	**1**	**2**	**3**	**4**	**5**
Asset Condition	**Excellent**	**Good**	**Fair**	**Poor**	**Failing**
Category	**A**	**B**	**C**	**D**	**E**

Remarks / Requirements

- Fuel Outlet 1 KM.
- There was Mosque
- Water Drinking arrangements were poor.

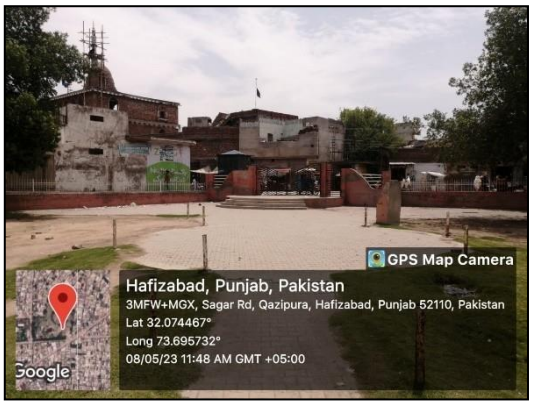
Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team* **Lead**	*Sign & Date: 08 May 2023*

C. Parks

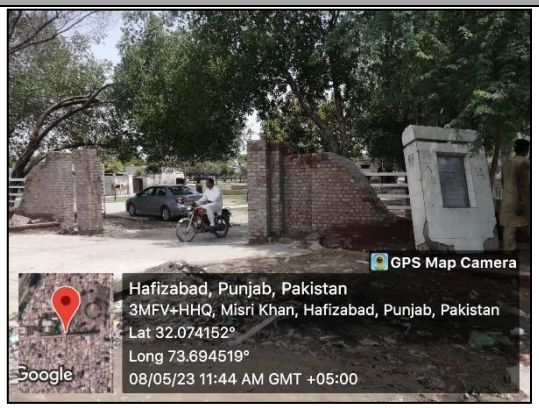


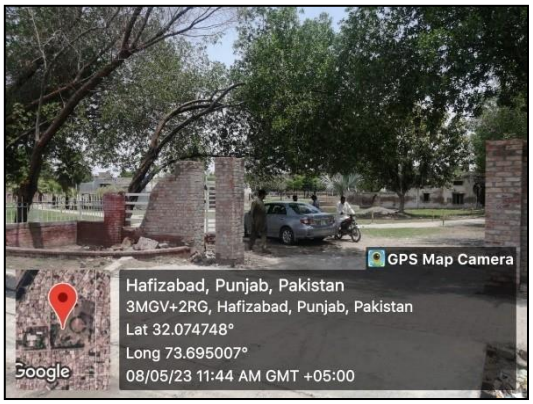
Sr #	Name	Age (Years)	Condition	Status	Area (Acres)	Book Value (PKR Mil)
1	Children Park Sagar Road	Not Available	Fair	Functional	5.4	640
2	Family Park College Road	Not Available	Fair	Functional	4.75	Not Available
3	Khaja shareef Park	Not Available	Fair	Functional	0.4375	
4	Suriya Gafoor Park	Not Available	Fair	Functional	0.4375	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A10	**Park Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Name		Children Park Sagar Road			**Pictures**
Location	**Latitude**	32.074467			
	Longitude	73.695732			
Area In Acres		5			
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)		Lookafter of 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)		100-150			
Any illegal occupants or encroachments observed-if yes, type		None			
Security system		Guard	(1 shift)		
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)		10-12			
Lights					
Total Number		5-6			
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			



Integrated Development and Asset Management Plan (IDAMP)			
Municipal Committee Hafizabad			
Form: IDAMP-A10	**Park Asset Condition Assessment**		**Asset Code: _____ Date: 05 May 2023**
	Ladies	-	
Condition of Toilets	Gents	OK/Fair	
	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	1-2	Yes	No
Condition of SWM		Yes	Dirty
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)		No Cooler or No Handpump	
Water Pipes		Yes	No
HR			
Security Guards		Yes	1
Landscape Experts		Yes	No
Mali / Beldaar (Number)		Yes	3 / 4





Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E

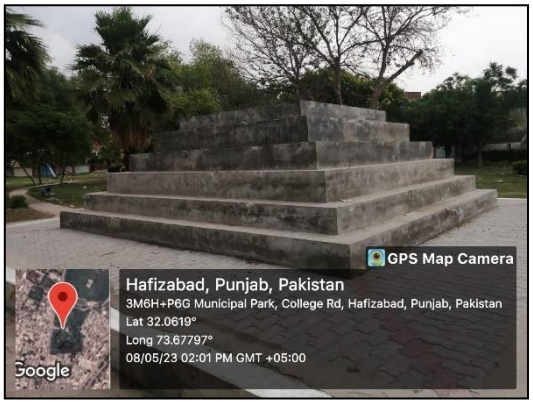
Remarks / Requirements

- PVC pipes for lights laid, but cabling yet to be done.
- Boundary wall, gate(one is missing) and Play area are in bad condition.
- There were one or two benches that are in bad conditions.

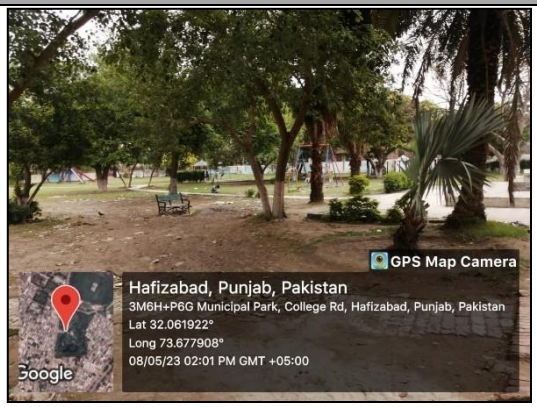
Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Hafizabad		
Form: IDAMP-A10	**Park Asset Condition Assessment**	**Asset Code: _____ Date: 05 May 2023**
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	 *Sign & Date: 08 May 2023*

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A10	**Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023**
Name		Family Park College Road			**Pictures**
Location	**Latitude**	32.061921			
	Longitude	73.677804			
Area In Acres		4.75			
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)		100-150			
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)		10-12			
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					



Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Hafizabad				
Form: IDAMP-A10	**Asset Condition Assessment**			**Asset Code: _____ Date: 05 May 2023**
No. of Toilets	Gents	1		
	Ladies	1		
Condition of Toilets	Gents	Poor		
	Ladies	Poor		
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)		Yes	No	
Water Pipes		Yes	No	
HR				
Security Guards		Yes	No	
Landscape Experts		Yes	No	
Mali / Beldaar (Number)		3/4	Permanent	



Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E

Remarks / Requirements

- Rehablitation of Toilets was needed.

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Hafizabad		
Form: IDAMP-A10	**Asset Condition Assessment**	**Asset Code: _____ Date: 05 May 2023**
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	 *Sign & Date: 08 May 2023*

Municipal Committee Hafizabad				
Form: IDAMP-A10	**Park Asset Condition Assessment**			**Asset Code: _____ Date: 05 May 2023__**
Name		Khaja shareef Park		**Pictures**
Location	**Latitude**	32.070878		
	Longitude	73.687084		
Area In Acres		0.4375		
Not-Owned by MC / possession allocated to MC by any other department (documents available)		MC Hafizabad		
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)		50		
Any illegal occupants or encroachments observed-if yes, type		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)				
Lights				
Total Number				
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		Poor	
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)			
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

-

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	*Sign & Date: 08 May 2023*

Municipal Committee Hafizabad					
Form: IDAMP-A10	**Park Asset Condition Assessment**				**Asset Code: _____ Date: 05 May 2023__**
Name		Suriya Gafoor Park			**Pictures**
Location	**Latitude**	32.065186			
	Longitude	73.681683			
Area In Acres		0.4375			
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)		MC Hafizabad			
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)		50			
Any illegal occupants or encroachments observed-if yes, type		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)					
Lights					
Total Number					
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		Poor		
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)				
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

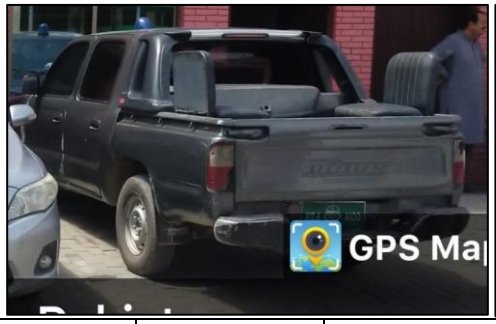
Remarks / Requirements

-

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	*Sign & Date: 08 May 2023*

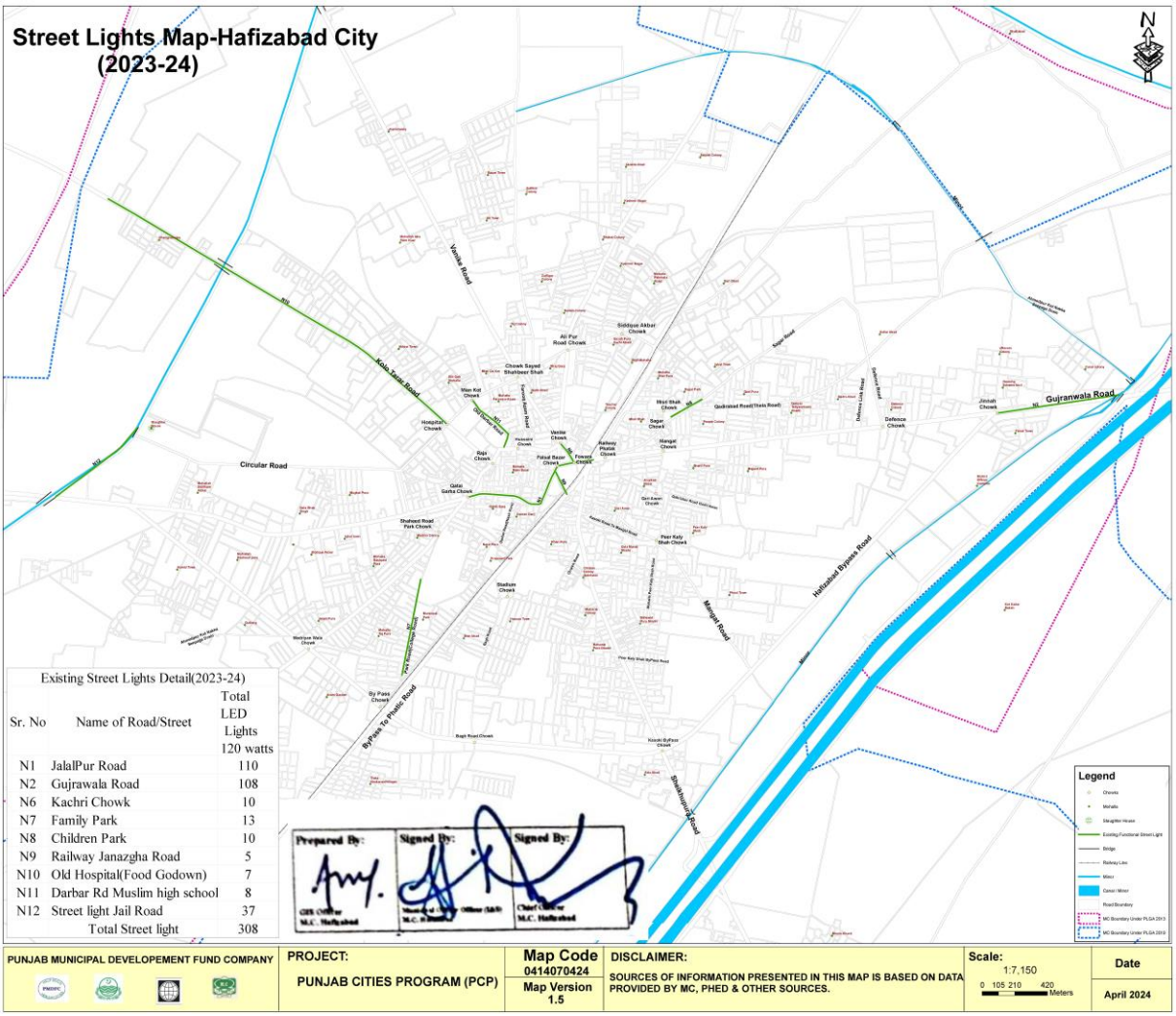
6. Office Vehicles

Sr #	Name	Registration Number	Age (Years)	Condition	Status	Capacity	Book Value (PKR Mil)
1	Suzuki	HZ-3939	21	Fair	Functional	1000 CC	0.2
2	Suzuki	Applied for Registration	11	Fair	Functional	796 CC	0.3
3	Toyota Hilux	HZA 4100	16	Fair	Functional	2800CC	0.5
4	Suzuki	HZA 4200	16	Fair	Functional	1000 CC	0.25
5	Motor Bike Yamaha (Total 3)	HZA-5676 HZA-5677 HZA-3899	20	Fair	Functional	100cc	0.18

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Hafizabad					
Form: IDAMP-A16	**Moveable Asset Asset Condition Assessment**			**Asset Code: _____ Date: 05 May 2023**	
Type of Vehicle / Machinery	**Pictures**				
Office Vehicles	 				
Capacity	4	4	4	4	2
Purpose	MOR	CO	MOI	General Use	Staff
Year of Manufacturing	2002	2007	2007	2012	Not-Available
Model-Make	Culltus	Nisan	Suzuki-Cultus	Suzuki	Yamaha
Capital Cost					
Fuel Consumption (Liter/month)	350	271	331	268	Not-Available
Condition	Fair	Fair	Fair	Fair	2* Functional 1* Non-Functional
Engine Capacity	1000 CC	2800 CC	1000 CC	996 CC	Not-Available
Maintenance Cost	50,000	20,000	Not Available	Not Available	Not-Available
Oiling /Fitness	Yes	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No	No
Registered	HZ-3939	HZA 4100	HZA 4200	No	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					
• No remarks					

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team* **Lead**	*Sign & Date: 08 May 2023*

7. Street lights



Status	Streetlights	MC Operated	Privately Operated
Operational Street Lights	301	301	
Non Operational Street Lights	19	19	
Total	**320**	**320**	**0**

Operated by	Precast Concrete	Steel Structure	Tubular Steel	Grand Total
MC	7	47	137	**191**
Private				0

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Hafizabad		
Form: IDAMP-A9	**Street Lights Asset Condition Assessment**	**Asset Code: _____ Date: 05 May 2023**

Pictures



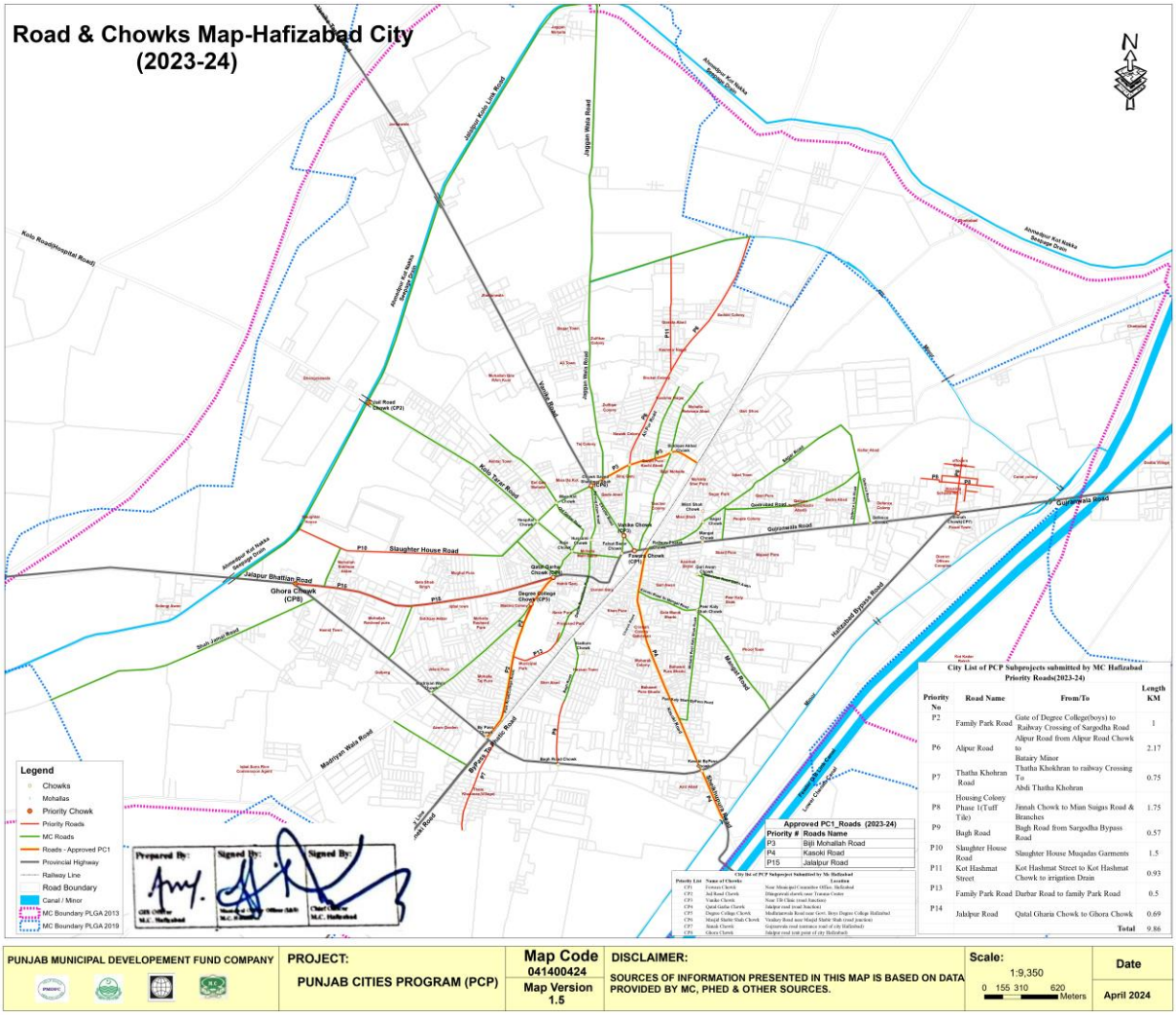
Road	Total	Type of Luminaries								Operational Status	Poles Type (WAPDA Pole / MC Pole)
		Sodium		LED							
		100W	400W	18W	30W	50W	100W	120W	150W		
Gujranwala Road	134	4	5	6	4	6	7	237	32	Operational	
Dehinagran Wali Road	35										
Family Park	9										
Graveyard	30										
Ali Pur Road	9										
J-Pur Road	103										
Total	**320**	**301**								**Operational**	

Remarks / Requirements

- Out of the 320 surveyed lights in the MC, 301 lights were found to be operational as listed in the type of Lumaniries

Data Collected By: Mr. Tayyab	*Designation: Team Member*	*Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team* **Lead**	*Sign & Date: 08 May 2023*

8. Roads


Road & Chowks Map-Hafizabad City
(2023-24)
N
Legend
Chowks
Mohallas
Priority Chowk
Priority Roads
MC Roads
Roads - Approved PC1
Provincial Highway
Railway Line
Road Boundary
Canal / Minor
MC Boundary PLGA 2013
MC Boundary PLGA 2019
Prepared By:
Signed By:
Signed By:
Approved PC1_Roads (2023-24)
Priority #
Roads Name
P3
Bijli Mohallah Road
P4
Kasoki Road
P15
Jalalpur Road
City List of PCP Subprojects submitted by MC Hafizabad
Priority Roads(2023-24)
Priority No
Road Name
From/To
Length KM
P2
Family Park Road
Gate of Degree College(boys) to Railway Crossing of Sargodha Road
1
P6
Alipur Road
Alipur Road from Alipur Road Chowk to Batairy Minor
2.17
P7
Thatha Khohran Road
Thatha Khokhran to railway Crossing To Abdi Thatha Khohran
0.75
P8
Housing Colony Phase 1(Tuff Tile)
Jinnah Chowk to Mian Saigas Road & Branches
1.75
P9
Bagh Road
Bagh Road from Sargodha Bypass Road
0.57
P10
Slaughter House Road
Slaughter House Muqadas Garments
1.5
P11
Kot Hashmat Street
Kot Hashmat Street to Kot Hashmat Chowk to irrigation Drain
0.93
P13
Family Park Road
Darbar Road to family Park Road
0.5
P14
Jalalpur Road
Qatal Gharia Chowk to Ghora Chowk
0.69
Total
9.86
PUNJAB MUNICIPAL DEVELOPEMENT FUND COMPANY
PROJECT:
PUNJAB CITIES PROGRAM (PCP)
Map Code
041400424
Map Version
1.5
DISCLAIMER:
SOURCES OF INFORMATION PRESENTED IN THIS MAP IS BASED ON DATA PROVIDED BY MC, PHED & OTHER SOURCES.
Scale:
1:9,350
0 155 310 620
Meters
Date
April 2024

S.N	Name of road		Owner Ship	TST, asphalt or concrete pavers	Paved width (ft)	Approx. length (Km)	Condition
	From	To					
1	Fawara Chowk	Dowaba Rice Mill GRW Road Hafizabad	MC	TST, Concrete pavers	24+24	5	Construction under process
2	Fawara Chowk	Ghora Chowk Bypass	MC	Asphalt	24	3	The current condition of the road is satisfactory, but in priority list sewer is proposed at this road
3	Qateel Ghara Chowk	Madhranwala Chowk	MC	Concrete pavers	26	2.5	Good
4	Raja Chowk	Saim Nallah Dhengra wali	MC	Asphalt plus Concrete Pavers	24	5	RCC Pavers (2 years before)
5	Vaniky Chowck	Ali Pur Road kot Hasmat	MC	TST	20	5	Failing
6	Railway Phatak	Rehmata Abad Railway	MC	TST	16	2.5	Failing
7	Vaniky Chowck	Raja Chock	MC	Concrete pavers	20	0.5	Good
8	Raja Chowck	Qateel Ghara Chock	MC	Concrete pavers	20	0.5	Good
9	Darbar Road Masjed Mubark	Sports Complex	MC	Concrete pavers	36	1	Good
10	Vaniky Chock	Fawara Chock	MC	Asphalt	36	0.4	Good
11	Saim Nallah Mina da kot	Polic Line	MC	TST	16	1.5	Failing
12	General Bus Stand	Zam Zam hospital Zam Zam bypass	MC	Concrete pavers	24	1.5	Tuff pavers provided six months ago
13	Manghat Road	District Complex	MC	Asphalt	24	2	Good
14	Jinnah Chock	Ghora Chowk Bypass Sargodha Road	MC	Asphalt	24	3	Construction under process
15	Dhera MPA	Peer kaly Shah Road	MC	Concrete pavers	18	0.75	Good
16	Chock Farooq e Azam	Masjied Shabir Shah	MC	TST	18	0.75	Poor

S.N	Name of road		Owner Ship	TST, asphalt or concrete pavers	Paved width (ft)	Approx. length (Km)	Condition
	From	To					
17	Hussaini chowck	Quarter DHQ Hospital	MC	Concrete pavers	24	0.5	Good
18	Boys degree college	railway phattack	MC	Asphalt	20	4	Good
19	Housing scheme # 01 road 1		MC	MC	20	0.75	poor
20	Housing scheme # 01 road 2		MC	MC	20	0.5	poor
21	Ali pur chowk	Askari bank	MC	Asphalt	24	3	poor
22	Nawab chowk	Iqbal garden	MC	PCC & brick pavements	25	2	poor
23	Bagh road	Ghali no 8	MC	PCC & brick pavements	20	1	poor
24	Ilyas pura street 1		MC	MC	20	1	poor
25	Ilyas pura street 2		MC	MC	20	0.5	poor
26	Darbar road (Nasir Pura)		MC	MC	20	1	poor
27	Jarianwala streets		MC	MC	20	1	poor
28	Rai Javed street & allied streets		MC	MC	20	3	poor
29	Shabir shah masjid to ali pur chowk	Siddiqu-e-akbar chowk	MC	PCC & brick pavements	20	3	poor
30	Dingran wala streets		MC	PCC & brick pavements	16	2.5	poor
31	Raja chowk & allied streets		MC	PCC & brick pavements	20	3	poor
32	Girja ghar road & allied streets		MC	PCC & brick pavements	20	1	poor
33	Kasoki bypass chowk	Railway phattak	MC	TST	20	7	Construction under process
34	Jinnah chowk	Doaba rice mills Gujranwala Road	MC	TST	16	2.5	Good

Integrated Development and Asset Management Plan (IDAMP)

Municipal Committee Hafizabad

Form: IDAMP-A8	**Road Asset Condition Assessment**	**Asset Code: _____ Date: 05 May 2023**

Pictures

S.N	Name of road		Owner Ship	TST, asphalt or concrete pavers	Paved width (ft)	Approx. length (Km)	Condition
	From	To					
1	Fawara Chowk	Dowaba Rice Mill GRW Road Hafizabad	MC	TST, Concrete pavers	24+24	5	Construction under process
2	Fawara Chowk	Ghora Chowk Bypass	MC	Asphalt	24	3	The current condition of the road is satisfactory, but in priority list sewer is proposed at this road
3	Qateel Ghara Chowk	Madhranwala Chowk	MC	Concrete pavers	26	2.5	Good
4	Raja Chowk	Saim Nallah Dhengra wali	MC	Asphalt plus Concrete Pavers	24	5	RCC Pavers (2 years before)
5	Vaniky Chowck	Ali Pur Road kot Hasmat	MC	TST	20	5	Deteriorated Condition
6	Railway Phatak	Rehmata Abad Railway	MC	TST	16	2.5	Deteriorated Condition
7	Vaniky Chowck	Raja Chock	MC	Concrete pavers	20	0.5	Good
8	Raja Chowck	Qateel Ghara Chock	MC	Concrete pavers	20	0.5	Good
9	Darbar Road Masjed Mubark	Sports Complex	MC	Concrete pavers	36	1	Good
10	Vaniky Chock	Fawara Chock	MC	Asphalt	36	0.4	Good
11	Saim Nallah Mina da kot	Polic Line	MC	TST	16	1.5	Deteriorated Condition
12	General Bus Stand	Zam Zam hospital Zam Zam bypass	MC	Concrete pavers	24	1.5	Tuff pavers provided six months ago
13	Manghat Road	District Complex	MC	Asphalt	24	2	Good
14	Jinnah Chock	Ghora Chowk Bypass Sargodha Road	MC	Asphalt	24	3	Construction under process
15	Dhera MPA	Peer kaly Shah Road	MC	Concrete pavers	18	0.75	Good
16	Chock Farooq e Azam	Masjied Shabir Shah	MC	TST	18	0.75	Current condition is bad and new

Integrated Development and Asset Management Plan (IDAMP)							
Municipal Committee Hafizabad							
Form: IDAMP-A8	Road Asset Condition Assessment						Asset Code: _____ Date: 05 May 2023
							construction is required
17	Hussaini chowck	Quarter DHQ Hospital	MC	Concrete pavers	24	0.5	Good
18	Boys degree college	railway phattack	MC	Asphalt	20	4	Newly constructed (Good condition)
19	Housing scheme # 01 road 1		MC	MC	20	0.75	poor
20	Housing scheme # 01 road 2		MC	MC	20	0.5	poor
21	Ali pur chowk	Askari bank	MC	Asphalt	24	3	poor
22	Nawab chowk	Iqbal garden	MC	PCC & brick pavements	25	2	poor
23	Bagh road	Ghali no 8	MC	PCC & brick pavements	20	1	poor
24	Ilyas pura street 1		MC	MC	20	1	poor
25	Ilyas pura street 2		MC	MC	20	0.5	poor
26	Darbar road (Nasir Pura)		MC	MC	20	1	poor
27	Jarianwala streets		MC	MC	20	1	poor
28	Rai Javed street & allied streets		MC	MC	20	3	poor
29	Shabir shah masjid to ali pur chowk	Siddiqu-e-akbar chowk	MC	PCC & brick pavements	20	3	poor
30	Dingran wala streets		MC	PCC & brick pavements	16	2.5	poor
31	Raja chowk & allied streets		MC	PCC & brick pavements	20	3	poor
32	Girja ghar road & allied streets		MC	PCC & brick pavements	20	1	poor
33	Kasoki bypass chowk	Railway phattak	MC	TST	20	7	Construction under process
34	Jinnah chowk	Doaba rice mills Gujranwala Road	MC	TST	16	2.5	Good

Remarks / Requirements

- No remarks

Data Collected By: Mr. Tayyab	*Designation: Team Member*	 *Sign & Date: 08 May 2023*
Data Checked By: Mr. M. Fiaz	*Designation: Team Lead*	 *Sign & Date: 08 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**	**Hafizabad**	**02**	Water Supply System	**01**	Tube wells	**01**	**01-02-01-01-XX**
						Water Supply Network (ft)	**02**	**01-02-01-02-XX**
						OHR	**03**	**01-02-01-03-XX**
						Filtration Plants	**04**	**01-02-01-04-XX**
						Vehicles	**05**	**01-02-01-05-XX**
						GST	**06**	**01-02-01-06-XX**
				Sewerage System	**02**	Sewerage Network (ft)	**01**	**01-02-02-01-XX**
						Disposal Stations	**02**	**01-02-02-02-XX**
						Vehicles	**03**	**01-02-02-03-XX**
				Solid Waste Management System	**03**	Dumping site	**01**	**01-02-03-01-XX**
						Vehicles	**02**	**01-02-03-02-XX**
						Parking Shed	**03**	**01-02-03-03-XX**
				Roads and Streets	**04**	Roads	**01**	**01-02-04-01-XX**
						Street	**02**	**01-02-04-02-XX**
						Street light	**03**	**01-02-04-03-XX**
				Public Places	**05**	Parks	**01**	**01-02-05-01-XX**
						Playgrounds	**02**	**01-02-05-02-XX**
						Open Spaces / Plots	**03**	**01-02-05-03-XX**
						Bus Stand	**04**	**01-02-05-04-XX**
						Library	**05**	**01-02-05-05-XX**
						Slaughter Houses	**06**	**01-02-05-06-XX**
						Graveyards	**07**	**01-02-05-07-XX**
						Masjid/ Imam bargah	**08**	**01-02-05-08-XX**
						Shops	**09**	**01-02-05-09-XX**

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

Annexure C. Project Screening and Phasing

Project ID: 01-02-01-02-01
Project Description : Improvement & Rehabilitation of Water Supply system in Hafizabad 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**
				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,		5	0	Majority opposition	Majority support	**5**
				1	Minority opposition		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	network, media, or business organizations?			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		
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							

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
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 p hase only		
				3	Outside expertise needed for preparation p hase i.e., feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							**84**

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

Project Description : Improvement & Rehabilitation of Water Supply system in hafizabad 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 loc al environment	Positive effects on the quali ty of the local environment	**10**
				5	Neutral		
				10	Positive effects on the quality of the l ocal 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	**2.5**

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	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		5	1	Difficult	Standard	**2.5**

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	levels of Government?			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		
Total Achieved Score							**84**

Project ID: 01-02-01-06-01

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**

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	**15**	7.5	0	No direct revenue	Direct revenue is not sufficient	**2.5**

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	revenue?			2.5	Direct revenue is not sufficient to meet O&M costs	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		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				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 c onstruction 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: 01-02-02-01-01

Project Description : Improvement of Existing Sewerage System and Disposal Stations for Hafizabad 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**
				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	No direct revenue	**0**
				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		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				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 p hase only		
				3	Outside expertise needed for preparation p hase i.e., feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							**81.5**

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

Project Description : Improvement and Rehabilitation of Parks in Hafizabad 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	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	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%	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	Is there support or opposition from residents in the immediate vicinity of the		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
	new facility?			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 envir onment	Positive effects on the quality of t he local environment	**10**
				5	Neutral		
				10	Positive effects on the quality of the local en vironment		
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		
				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		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				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 p hase only		
				3	Outside expertise needed for preparation ph ase i.e., feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							**65**

Project ID: 01-02-04-03-01

Project Description : Repair & Replacement of LEDs

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	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		

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	No direct revenue	**0**
				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	Standard	**2.5**
				2.5	Standard		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				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 con struction 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							**69**

Project ID: 01-02-05-04-01

Project Description : Rehabilitation of General Bus Stand (GSB) in Hafizabad 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 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%	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		

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 envir onment	Neutral	**5**
				5	Neutral		
				10	Positive effects on the quality of the local e nvironment		
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	Standard	**2.5**
				2.5	Standard		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				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		
Total Achieved Score							**74**

Project ID: 01-02-06-01-01

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.	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	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 loc al environment	Positive effects on the quali ty 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		5	1	Difficult	Easy	**5**

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	levels of Government?			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: 01-02-01-01-01

Project Description : Solarization of Tube wells 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	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 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%	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		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
	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 q uality of the local enviro nment	**10**
				5	Neutral		
				10	Positive effects on the qualit y 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	**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	**30**	10	10	Yes	Yes	**10**

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	(If required)?			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		
Total Achieved Score							**86.5**

Project ID: 01-02-04-01-01

Project Description : Improvement and Rehabilitation of Roads & Chowks (P-3 & CP-04) in MC Hafizabad

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	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		2.5	0	Majority opposition	Majority support	**2.5**

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	residents in the immediate vicinity of the new facility?			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		
				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		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
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 constructio n, O&M	Outside expertise needed for construction phase only	**1**
				1	Outside expertise needed for constructio n phase only		
				3	Outside expertise needed for preparatio n phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							**81**

Project ID: 01-02-04-01-02

Project Description : Improvement and Rehabilitation of Roads (P-4) in MC Hafizabad

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	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		2.5	0	Majority opposition	Majority support	**2.5**

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	residents in the immediate vicinity of the new facility?			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		
				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		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
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 constructio n, O&M	Outside expertise needed for construction phase only	**1**
				1	Outside expertise needed for constructio n phase only		
				3	Outside expertise needed for preparatio n phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							**81**

Project ID: 01-02-04-01-03

Project Description : Improvement and Rehabilitation of Roads (P-15 and CP-06) in MC Hafizabad

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	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		2.5	0	Majority opposition	Majority support	**2.5**

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	residents in the immediate vicinity of the new facility?			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		
				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		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
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 constructio n, O&M	Outside expertise needed for construction phase only	**1**
				1	Outside expertise needed for constructio n phase only		
				3	Outside expertise needed for preparatio n phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							**81**

Annexure D. Environmental and Social Considerations in IDAMP[3]

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 PEQSs for drinking water shall be applicable to all water supply schemes/ projects/ subprojects (rehabilitation and new). PEQSs 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. PEQSs 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. PEQSs 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	• 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. The sector wise screening of MCs subprojects as per

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

<table>
<tr><th>Sr. #</th><th>Act</th><th>Description</th><th>Applicability to sub-project</th></tr>
<tr><td></td><td></td><td></td><td>
<table>
<tr><td></td><td></td><td>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 100m3/hr</td></tr>
<tr><td></td><td>Waste Storage and Disposal</td><td>G. Waste Storage and Disposal
1. Landfill sites
2. Waste Incinerators and autoclaves
3. Hazardous substance or waste storage warehouse</td></tr>
</table>
</td></tr>
<tr><td>3.</td><td>Delegations of power for Environment Approvals Rule 2017</td><td>According to these rules the powers of environmental approval are delegated to commissioner for specific types of projects</td><td>

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/-

</td></tr>
</table>

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	It describes the land acquisition procedure for public	This act will be triggered as wherever land to be acquired

Sr. #	Act	Description	Applicability to sub-project
	Acquisition Rules, 1983,	purposes or for a company.	for subproject. Such as in Swerage project, Construction of Wastewater treatment plants, installation of new tube wells etc.
7.	Pakistan Antiquities Act 1975 and Punjab Antiquities Amendment Act 2012	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: • "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	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
		authorities; and The cultural heritage laws of Pakistan are uniformly applicable to all categories of sites regardless of their 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	The Punjab Occupational Safety and Health Act, 2019 (IV of 2019) An Act to provide for occupational safety and health at workplace. 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	The Punjab Occupational Safety and Health Act, 2019 relevant sections to the proposed projects are: 8. Safety and Health, 10. Consultation 13. Notification and investigation of accidents, dangerous occurrences and occupational illness. 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

Sr. #	Act	Description	Applicability to sub-project
		psychological needs of the employees at workplace and to provide for matters connected therewith or ancillary thereto.	infrastructure related activities of new or rehabilitation subprojects.
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	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
		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-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	As per PLGA 2019 Functions of a Metropolitan Corporation, Municipal Corporation and Municipal Committee: Part I (g) Solid waste collection and disposal; (h) Sewerage collection and disposal including water management and treatment; (i) Building control and land use; (j) Births, deaths, marriages and divorce registration;	All the related clauses of this Act shall be applicable for MCs.

Sr. #	Act	Description	Applicability to sub-project
		(k) Museums and art galleries; (l) Open markets; (m) Livestock and agriculture markets; (n) Public parking facilities; (o) City roads and traffic management; (p) Public transport; (q) Abstraction of water for industrial and commercial purposes; (r) Emergency planning and relief; (s) Support to provincial agencies in prevention of crime and maintenance of public order; and (t) Regulatory enforcement in the functions assigned under Part 1 and 2 of this Schedule; Part 2 (u) Establishment and management of pre-schools; (v) Libraries; (w) Drinking water supply; (x) Public convenances; (z) Children's services; (aa) Community safety;	

Sr. #	Act	Description	Applicability to sub-project
		(bb) Arts and recreation; (cc) Public fairs and ceremonies; (dd) Sports; (ee) Environmental health, awareness and services; (ff) Parks and landscape development; (gg) Slaughtering of animals; (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 18th 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	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
		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 facilitation of involvement (including the poor, women, and NGOs).	
16	Guidelines for Regulation of Disclosure of Environmental Information & Citizen Engagement 2020	These guidelines give details about disclosure of environmental information. These guidelines have 2 parts: First part deals with Public Disclosure instructions regarding arrangement of public disclosure of environment information and maintenance of record in indexed form Second part is regarding Citizen Engagement, and it gives detailed information regarding citizen engagement and Grievance redress mechanism.	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	The CDA focuses on construction and maintenance of drainage channels and defines powers to prohibit obstruction or order their removal. It also covers issues	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
		related to canal navigation. It briefly addresses issues relating to environmental pollution. 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." 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	Punjab EPA has also designed the following Guidelines/Checklists for IEE/EIA Projects: Check List for IEE (updated September 2020) Check List for EIA (updated September 2020)	Checklists for IEE and EIA shall be applicable to all the new infrastructure development projects. Following Guidelines shall be applicable for MC's municipal service delivery projects:

Sr. #	Act	Description	Applicability to sub-project
		After 18th Amendment, Punjab EPA has adopted the following sectoral Guidelines that were prepared by other provinces and were earlier adopted by Pak EPA: ✓ Poultry Farms ✓ Urban Roads ✓ Rural Schools ✓ Housing Schemes ✓ 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	✓ Urban Roads ✓ Water Supply ✓ Sanitation Schemes ✓ Major Sewerage Schemes

Sr. #	Act	Description	Applicability to sub-project
		✓ 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

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
						and 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		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

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
	Community Parks					

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: 01-02-05-01-01

Project Description : Improvement and Rehabilitation ofParks in hafizabad City

Sr. No.	Description		Unit	Value	Remarks
1	Net Present Value (NPV)	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%	Rs.	87	
2	Financial Internal Rate of Return (FIRR)	FIRR	%	44%	
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	60.13	
4	Payback Period	PBP= Capital costs ÷ Annual Net Benefits	Years	5	

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	H=G-C	I=(1.22.32)^n	J=HxI
0	2023-2024	40.00		40				-	(40)	1	(40)
1	2024-2025		-	-			11.04	11	11	0.82	9
2	2025-2026		-	-			12.82	13	13	0.67	9
3	2026-2027		-	-			14.89	15	15	0.55	8
4	2027-2028		-	-			17.28	17	17	0.45	8
5	2028-2029		-	-			20.07	20	20	0.37	7
6	2029-2030		-	-			23.31	23	23	0.30	7
7	2030-2031		-	-			27.06	27	27	0.24	7
8	2031-2032		-	-			31.43	31	31	0.20	6
9	2032-2033		-	-			36.49	36	36	0.16	6
10	2033-2034		-	-			42.37	42	42	0.13	6
11	2034-2035		-	-			49.20	49	49	0.11	5
12	2035-2036		-	-			57.14	57	57	0.09	5
13	2036-2037		-	-			66.35	66	66	0.07	5
14	2037-2038		-	-			77.04	77	77	0.06	5
15	2038-2039		-	-			89.46	89	89	0.05	4
16	2039-2040		-	-			103.88	104	104	0.04	4
17	2040-2041		-	-			120.63	121	121	0.03	4
18	2041-2042		-	-			140.07	140	140	0.03	4
19	2042-2043		-	-			162.65	163	163	0.02	4
20	2043-2044		-	-			188.87	189	189	0.02	3
21	2044-2045		-	-			219.32	219	219	0.01	3
22	2045-2046		-	-			254.67	255	255	0.01	3
23	2046-2047		-	-			295.73	296	296	0.01	3
24	2047-2048		-	-			343.40	343	343	0.01	3
25	2048-2049			-				-	-	0.01	-
Total		40	-	40	-	-	2,405	2,405	2,365		87

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 opportunity cost of vehicles. Project 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.

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
Machinary & 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: 01-02-01-06-01

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.	(83)	
2	Financial Internal Rate of Return (FIRR)	FIRR	%	14%	
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	2.17	
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	H=G-C	I=(1.22.32)^n	J=HxI
0	2023-2024	50.00		50				-	(50)	1	(50)
1	2024-2025	100.00		100	11.00			11	(89)	0.82	(73)
2	2025-2026	50.00	5.00	55	12.77			13	(42)	0.67	(28)
3	2026-2027		5.81	6	14.83			15	9	0.55	5
4	2027-2028		6.74	7	17.22			17	10	0.45	5
5	2028-2029		7.83	8	20.00			20	12	0.37	4
6	2029-2030		9.09	9	23.22			23	14	0.30	4
7	2030-2031		10.56	11	26.97			27	16	0.24	4
8	2031-2032		12.26	12	31.31			31	19	0.20	4
9	2032-2033		14.23	14	36.36			36	22	0.16	4
10	2033-2034		16.53	17	42.22			42	26	0.13	3
11	2034-2035		19.19	19	49.03			49	30	0.11	3
12	2035-2036		22.29	22	56.93			57	35	0.09	3
13	2036-2037		25.88	26	66.11			66	40	0.07	3
14	2037-2038		30.05	30	76.77			77	47	0.06	3
15	2038-2039		34.89	35	89.14			89	54	0.05	3
16	2039-2040		40.52	41	103.51			104	63	0.04	3
17	2040-2041		47.05	47	120.20			120	73	0.03	2
18	2041-2042		54.64	55	139.58			140	85	0.03	2
19	2042-2043		63.44	63	162.08			162	99	0.02	2
20	2043-2044		73.67	74	188.20			188	115	0.02	2
21	2044-2045		85.55	86	218.54			219	133	0.01	2
22	2045-2046		99.34	99	253.77			254	154	0.01	2
23	2046-2047		115.35	115	294.68			295	179	0.01	2
24	2047-2048		133.94	134	342.18			342	208	0.01	2
25	2048-2049		155.54	156	397.34			397	242	0.01	2
Total		200	1,089	1,289	2,794	-	-	2,794	1,505		(83)

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 opportunity cost of vehicles. Project 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.

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
Machinary & 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: 01-02-06-01-01

Project Description : Solarization of the municipal buildings

Sr. No.	Description		Unit	Value	Remarks
1	Net Present Value (NPV)	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%	Rs.	136	
2	Financial Internal Rate of Return (FIRR)	FIRR	%	37%	
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	22.53	
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	H=G-C	I=(1.22.32)^n	J=HxI
0	2023-2024	90.00	0.45	90				-	(90)	1	(90)
1	2024-2025		0.52	1	19.80			20	19	0.82	16
2	2025-2026		0.61	1	22.99			23	22	0.67	15
3	2026-2027		0.70	1	26.70			27	26	0.55	14
4	2027-2028		0.82	1	31.00			31	30	0.45	13
5	2028-2029		0.95	1	36.00			36	35	0.37	13
6	2029-2030		1.10	1	41.80			42	41	0.30	12
7	2030-2031		1.28	1	48.54			49	47	0.24	12
8	2031-2032		1.49	1	56.37			56	55	0.20	11
9	2032-2033		1.73	2	65.45			65	64	0.16	10
10	2033-2034		2.01	2	76.00			76	74	0.13	10
11	2034-2035		2.33	2	88.25			88	86	0.11	9
12	2035-2036		2.70	3	102.48			102	100	0.09	9
13	2036-2037		3.14	3	119.00			119	116	0.07	8
14	2037-2038		3.65	4	138.18			138	135	0.06	8
15	2038-2039		4.23	4	160.46			160	156	0.05	8
16	2039-2040		4.92	5	186.32			186	181	0.04	7
17	2040-2041		5.71	6	216.36			216	211	0.03	7
18	2041-2042		6.63	7	251.24			251	245	0.03	7
19	2042-2043		7.70	8	291.74			292	284	0.02	6
20	2043-2044		8.94	9	338.77			339	330	0.02	6
21	2044-2045		10.38	10	393.37			393	383	0.01	6
22	2045-2046		12.05	12	456.79			457	445	0.01	5
23	2046-2047		14.00	14	530.42			530	516	0.01	5
24	2047-2048		16.25	16	615.92			616	600	0.01	5
25	2048-2049		18.88	19	715.21			715	696	0.01	5
Total		90	133	223	5,029	-	-	5,029	4,806		136

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 opportunity cost of vehicles. Project 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.

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
Machinary & 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: 01-02-01-01-01

Project Description : Solarization of Tube wells 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.	136	
2	Financial Internal Rate of Return (FIRR)	FIRR	%	37%	
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	22.53	
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	H=G-C	I=(1.22.32)^n	J=HxI
0	2023-2024	90.00	0.45	90				-	(90)	1	(90)
1	2024-2025		0.52	1	19.80			20	19	0.82	16
2	2025-2026		0.61	1	22.99			23	22	0.67	15
3	2026-2027		0.70	1	26.70			27	26	0.55	14
4	2027-2028		0.82	1	31.00			31	30	0.45	13
5	2028-2029		0.95	1	36.00			36	35	0.37	13
6	2029-2030		1.10	1	41.80			42	41	0.30	12
7	2030-2031		1.28	1	48.54			49	47	0.24	12
8	2031-2032		1.49	1	56.37			56	55	0.20	11
9	2032-2033		1.73	2	65.45			65	64	0.16	10
10	2033-2034		2.01	2	76.00			76	74	0.13	10
11	2034-2035		2.33	2	88.25			88	86	0.11	9
12	2035-2036		2.70	3	102.48			102	100	0.09	9
13	2036-2037		3.14	3	119.00			119	116	0.07	8
14	2037-2038		3.65	4	138.18			138	135	0.06	8
15	2038-2039		4.23	4	160.46			160	156	0.05	8
16	2039-2040		4.92	5	186.32			186	181	0.04	7
17	2040-2041		5.71	6	216.36			216	211	0.03	7
18	2041-2042		6.63	7	251.24			251	245	0.03	7
19	2042-2043		7.70	8	291.74			292	284	0.02	6
20	2043-2044		8.94	9	338.77			339	330	0.02	6
21	2044-2045		10.38	10	393.37			393	383	0.01	6
22	2045-2046		12.05	12	456.79			457	445	0.01	5
23	2046-2047		14.00	14	530.42			530	516	0.01	5
24	2047-2048		16.25	16	615.92			616	600	0.01	5
Total		90	133	223	5,029	-	-	5,029	4,806		136

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 opportunity cost of vehicles. Project 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.

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
Machinary & 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.

Annexure F. Stakeholder's Consultative Session

Consultative Session - Hafizabad.pdf

2022-2023

Consultative Session_Hafizabad.pd

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)	11,252,231
2	Electricity charges (Annex-B-1)	12,849,365
3	Repairs & Replacements (Annex-C-1)	1,879,150
4	Supply items (Annex-D-1)	1,353,350
	POL	-
	Contingencies	1,450,000
	Grand Total	**27,334,096**
	Grand Total	**27,334,096**
	Say (million Rs)	**19.9**

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)	9,169,700
2	Electricity charges (Annex-B-2)	19,762,808
3	Repairs & Replacements (Annex-C-2)	5,025,550
4	Supply items (Annex-D-2)	-
4	POL	9,696,000
5	Contingencies	3,400,000
	Grand Total	**47,054,058**
	Grand Total	**47,054,058**
	Say (million Rs)	**47.05**

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)	178,426,744
2	Energy Charges (Annex-B-3)	-
3	Repairs & Replacements (Annex-C-3)	12,610,000
4	Supply items (Annex-3)	3,502,700
5	POL	44,989,587
6	Contingencies	3,600,000
	Grand Total	**194,539,444**
	Grand Total	**194,539,444**
	Say (million Rs)	**134.8**