

## **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





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### **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
В	Good	Minor Repair
С	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 information 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;
  - o 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.
- IPMDFC 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.

# **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.<sup>1</sup>

#### 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

<sup>&</sup>lt;sup>1</sup> 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

# **O 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:

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

#### **Table 1: Existing Assest Summary**

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

			Asset Condition					
Asset Category	Asset Sub-Category	Excellent (A)	Good (B)	Fair (C)	Poor (D)	Failing (E)	Unit	Total
	Dumping Site			1			No.	1
SWM Resource	Movable Assets (Vehicles/Machinery)	620		17		1	No.	638
Bus Stands	Bus Stand			1			No.	1
Duilding	Offices			1			No.	1
Buildings	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

# **O4** Level of Services (LOS)

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## 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:

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 Coverage %	Percentage of area, where water supply network is available in comparison to total built up area.	30%	70%		
Water supply and control and development of water sources;	Water Supply Coverage by private wells %	Percentage of area, where residents have own water sources.	70%	30%	Improvement & Rehabilitation of Water Supply system in Hafizabad City	2023-2024
	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
	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	2023-2026
Sewage and sewage treatment	Sewerage blockages (Blockages/KM)	Total number of blockages/ complaints per year expressed per km of sewers	21	7	Disposal Stations for Hafizabad City	
and disposal;	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%		
	Collection efficiency (%)	Total amount of solid waste collected expressed as a percentage of total solid waste produced.	49%	49%		
Sanitation and	Disposal efficiency (%)	Total amount of solid waste disposed off expressed as a percentage of total solid waste collected.	100%	100%		
solid waste collection and	Door-to-door %	Percentage of area with door-to-door solid waste collection.	0%	0%		
disposal of solid wastes, treatment	Primary SWM Coverage each day in localities %	Percentage of area from which the sanitary staff sweeps & collects waste each day	49%	49%		
and disposal including landfill	Primary SWM Coverage each day in Roads %	Primary SWM Coverage each day in Roads	49%	49%		
site and recycling plants;	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 with condition "A" (Excellent) %	Total length of roads with condition "A" expressed as a percentage of total roads.	25%	25%		
	Roads with condition "B" (Good) %	Total length of roads with condition "B" expressed as a percentage of total roads.	20%	50%	Improvement and	
Roads and streets;	Roads with condition "C" (Fair) %	Total length of roads with condition "C" expressed as a percentage of total roads.	14%	14%	Rehabilitation of Roads & Chowks in MC Hafizabad. (P-3 & CP-04, P-4, P-15,	2023-24
	Roads with condition "D" (Poor) %	Total length of roads with condition "D" expressed as a percentage of total roads.	32%	11%	CP-06)	
	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%		
	Streetlight coverage. (%)	Percentage of area/roads with streetlights.	26.3%	26.3%		
Streetlighting;	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)
	Open spaces as percentage of total MC area. %	Open spaces as percentage of total MC area. %	0%	0%		
	Playgrounds as percentage of total MC area. %	Playgrounds as percentage of total MC area. %	0%	0%		
	Parks with condition "A" (Excellent) %	Parks with condition "A" expressed as a percentage of total parks.	0%	0%		
Parks, Playgrounds, Open	Parks with condition "B" (Good) %	Parks with condition "B" expressed as a percentage of total parks.	0% 100% Parks in Hafizabad City	2025-2026		
spaces;	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 as percentage of total MC area. %	Graveyards as percentage of total MC area. %	0%	0%		
Graveyards;	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,	Ratio of bus stations to the total length of roads	Ratio of bus stations to the total length of roads	`1:72	`1:72		
stops, stands and terminals;	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
	Adequacy of slaughterhouses	Adequacy of slaughterhouses keeping in view the population of the MC	Yes	Yes		
Slaughterhouses;	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		
	Total number of Libraries per 100,000 persons	Total number of Libraries per 100,000 persons	0	0		
Municipal libraries;	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.

**O5** 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, Dthe 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

				Total	2023-2	24	2024-	25	2025	-26	Project
Sr. No.	Project ID	Project Name	Asset Category	Capital Cost	Capital	O&M	Capital	O&M	Capital	O&M	Screening
						1)	Aillions)				(Score)
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

				Total	2023-	24	2024	-25	2025	-26	Project
Sr. No.	Project ID	Project Name	Asset Category	Capital Cost	Capital	O&M	Capital	O&M	Capital	O&M	Screening
			<i>.</i> ,			1)	Villions)				(Score)
	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<sup>2</sup>:

#### **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	<ol> <li>1) Rehabilitation of the components of existing water supply system to attain full efficiency out of these installations.</li> <li>2) Supply of adequate quantity of water in water shortage areas.</li> <li>3) Improvement of service delivery level in the entire city.</li> <li>4) Augmentation of the source capacity</li> <li>5) Equal distribution of water in the entire system</li> <li>6) Improvement of terminal pressure at remote ends of the distribution system</li> <li>7) Reduction of water borne diseases.</li> <li>8) Improvement in local and province economy.</li> </ol>	Replacement of outlived water supply distribution system,Construction of OHRs & GSTs, Rehabilitation of Tubewells,Installation of new Tubewells	120	6.00	Hafizabad City

<sup>&</sup>lt;sup>2</sup> <u>https://www.pc.gov.pk/web/downloads/pc</u>

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	<ol> <li>Rehabilitation of the components of existing water supply system to attain full efficiency out of these installations.</li> <li>Supply of adequate quantity of water in water shortage areas.</li> <li>Improvement of service delivery level in the entire city.</li> <li>Augmentation of the source capacity</li> <li>Equal distribution of water in the entire system</li> <li>Improvement of terminal pressure at remote ends of the distribution system</li> <li>Reduction of water borne diseases.</li> <li>Improvement in local and province economy.</li> </ol>	- 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	<ol> <li>The Project has the following objectives;</li> <li>To implement prioritized, need based and most cost-effective municipal service infrastructure sub projects for the year 2032.</li> <li>To improve the service delivery level for the entire growing population of the city.</li> <li>Protecting drinking water sources from contamination by waterborne waste</li> <li>Improvement of the environment of the city making it livable.</li> <li>To improve the economic growth of the city.</li> </ol>	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	<ul> <li>The project has the following objectives</li> <li>1. To reduce urban heat island effect.</li> <li>2. To provide active and passive recreational opportunities</li> <li>3. To contribute to the health and wellness of a community</li> <li>4. To create valuable green space</li> <li>5. To combat air pollution caused by vehicles and industries</li> <li>6. Improvement in environments of the city making them livable.</li> <li>7. Improvement in local and province economy.</li> <li>8. Improvement in the economic growth potential of the city.</li> </ul>	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	Replair & 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.	<ol> <li>Bus Stand Require the following components</li> <li>Waiting hall</li> <li>Ticketing booths</li> <li>Toilets</li> <li>Ablution place</li> <li>Prayer place</li> <li>Tuck shop</li> <li>Drinking water facilities</li> <li>Parking sheds for buses</li> <li>Workshop</li> <li>Bus departure sheds</li> <li>Car parking lot</li> <li>Rickshaw stand</li> <li>Shops</li> <li>Water supply and drainage/sewerage facilities</li> <li>Boundary wall and gates</li> <li>Illumination &amp; electrification</li> </ol>	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	<ul> <li>The Project has the following objectives;</li> <li>1. Improvement of service delivery level of the municipal services in the sector of communication.</li> <li>2. Better travelling facilities for the commuters.</li> <li>3. Reduction in road accidents.</li> <li>4. Saving in travelling and repair cost of the vehicles.</li> <li>5. Reduction in annual maintenance charges of roads and parks</li> <li>6. Better lit roads and streets adding to security of people travelling at night.</li> <li>7. Improvement in environments of the city making them livable.</li> <li>8. Improvement in local and province economy.</li> <li>9. Improvement in the economic growth potential of the city.</li> </ul>	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	<ul> <li>The Project has the following objectives;</li> <li>1. Improvement of service delivery level of the municipal services in the sector of communication.</li> <li>2. Better travelling facilities for the commuters.</li> <li>3. Reduction in road accidents.</li> <li>4. Saving in travelling and repair cost of the vehicles.</li> <li>5. Reduction in annual maintenance charges of roads and parks</li> <li>6. Better lit roads and streets adding to security of people travelling at night.</li> <li>7. Improvement in environments of the city making them livable.</li> <li>8. Improvement in local and province economy.</li> <li>9. Improvement in the economic growth potential of the city.</li> </ul>	<ul> <li>Geometric Improvement and Rehabilitation of Existing Pavement Structure</li> <li>Pavement Marking</li> <li>Street Lighting</li> <li>Improvement of drainage system</li> </ul>	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	<ul> <li>The Project has the following objectives;</li> <li>1. Improvement of service delivery level of the municipal services in the sector of communication.</li> <li>2. Better travelling facilities for the commuters.</li> <li>3. Reduction in road accidents.</li> <li>4. Saving in travelling and repair cost of the vehicles.</li> <li>5. Reduction in annual maintenance charges of roads and parks</li> <li>6. Better lit roads and streets adding to security of people travelling at night.</li> <li>7. Improvement in environments of the city making them livable.</li> <li>8. Improvement in local and province economy.</li> <li>9. Improvement in the economic growth potential of the city.</li> </ul>	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.

# **6** 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**

Year	202	23-24	202	4-25	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	

Amount in PKR Million

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.

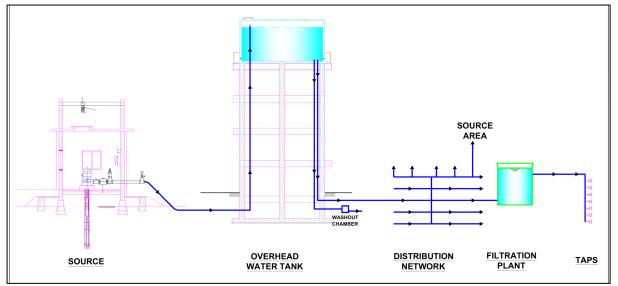
Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.

# Annexure

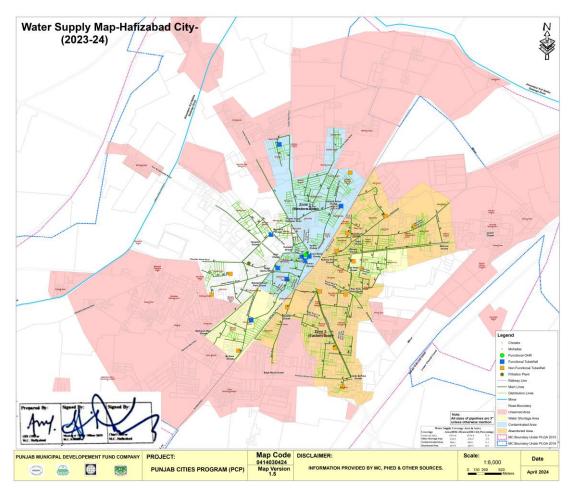
## Annexure A. Detail of Assets

1. Water Supply:

#### a. Line Diagram of Water Supply System



#### b. Map Of Water Supply System



#### A. Tube well

Sr		Age (Years)			Discharge	Pump	Motor	_		Book Value
#	Name	Civil Structure	Pump	Condition	(cusec)	Make	Make	Status	Motor hp	(PKR Mil)
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

	Integra	ted Development	and <u>Asset</u>	Mana <u>gemen</u>	t Plan (IDAMP)
				e Hafizabad	
Form:		Tube Well			Asset Co
IDAMP-A1	As	set Condition Asse	ssment		Date
	Ass	et Detail			Pictures
Name		MC Offi	ce Pump N		
Location	Latitude	32	.071321		
	Longitude	73	.688028		
Address		Jinnah H	Iall, Hafizal	bad	
Area (Kanal/Acres)			. Marla		
Working Status		Functional		Functional	
nstallation Year of Tu			1969		
nstallation Year of Pu	-		1978		
Capital Cost of Machi	nery				
Operational Hours			10		
Delivery Pipe	Dia		6		
	Material		MS		
Chlorinator		Yes		No	Hafizabad, Punjab, Pakista 3MCQ+G63, Hafizabad, Punja
Chlorination Schedule	2	Once in a Year	After 6 Months	No Schedule	Lat 32.071321° Long 73.688028° 08/05/23 11:11 AM GMT +05:0
Apron Around Pump	House				
loisting Girder		No P	ump House	2	
ivil Structure Conditi	on				
pproach to Pump Ho	ouse	Good	Fair	Bad	
	Pum	np Details			
итр Туре		Т	urbine		
ump Make			PECO		The stand
scharge Capacity (C			1.5		
otational Speed (RPI	M)		1500		TERRE
lousing Dia (inches)			12"		
ore Depth (ft.)			450		
lead (ft.)			200		4
npeller Installation [			90		
aint of Pumping Unit		Good	Fair	Poor	
-	Gate Valve		1		
lumber of Valves	Non-		1		2
Returning Valve		1			A. Stance
Base Plate		Yes		No	
		cal Equipment Det	ails	NO	
Transformer Capacity (kVA)		100 (Combined)			
Sanctioned Load (Kwh)		30			
Motor Power (HP)		40			
Motor Make		PECO			1
MCU		Yes	_	No	1
Earthing of Motor		Yes		No	
Power Wiring		Yes		No	1

	Integrated	d Development and Ass	et Management P	lan (IDAMP)		
		Municipal Commi	ittee Hafizabad			
Form: IDAMP-A1	Asset	Tube Well Condition Assessment	:	Asset Code: Date: 05 May 202		
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			
	Γ	Overall I	Rating			
Average Score	1	2	3	4	5	
Asset Condition	Excellent	Good	Fair	Poor	Failing	
Category	А	В	C	D	E	
		Remarks / Re	quirements			
<ul> <li>No Pump House was</li> <li>Iron fence was prov</li> <li>Control assembly was</li> </ul>	ided around th					
Data Collected By: Mr. Ta	yyab	Designation: Team Me	ember	Sign & Date: 08 May		
Data Checked By: Mr. M.	Fiaz	Designation: Team Lead		Sign & Date: 08 May	/	

	In	tegrated De	evelopment and A	sset	Mana	gement Plai	n (IDAMP)
			Municipal Com			-	
Form: IDAMP-A1		Accot	Tube Well Cosndition Asses	smon	+		Asset Code: Date: 05 May 2023
IDAIVIF-AI				smen			-
News		Asset D		ian Di		1	Pictures
Name	-		MC Off	.0713		1	
Location	cation			3.687			
Address	Longitude		Jinnah H			vad	
Area (Kanal/Acres)				L Mar		Jau	
Working Status			Functional		-	Functional	
Installation Year of 1	Tubo Woll		Tunctional	18	NOT-	Tunctional	
Installation Year of F				3			
Capital Cost of Mach	-			J			
Operational Hours	iniery			8			
	Dia			8″			
Delivery Pipe	Material			o MS			
Chlorinator	material		Yes	1413		No	Hafizabad, Punjab, Pakistan
				Aft	er 6	No	3MCQ+663, Hafizabad, Punjab, Pakistan Lat 32.071337°
Chlorination Schedu	le		Once in a Year		nths	Schedule	Long 73.68795°
Apron Around Pump	House		Yes			No	Google 08/05/23 11:19 AM GMT +05:00
Hoisting Girder			Yes			No	
Civil Structure Condi	tion		Good	Fa	air	Bad	
Approach to Pump H	louse		Good	Fa	air	Bad	
		Pump D	Details				
Pump Type			Turbine				A Distance of the second se
Pump Make			KSB				
Discharge Capacity (	Cusec)			1			
Rotational Speed (R	PM)			1470	)		
Housing Dia (inches)				12"			and the second s
Bore Depth (ft.)				450			
Head (ft.)				200			
Impeller Installation	Depth (ft.)			90			
Paint of Pumping Ur			Good	Fa	air	Poor	
	Gate Valv			1			
Number of Valves	Non-Retu Valve	rning		1			
Base Plate		Yes			No	TENTAK	
Electro-Mechanical		1				PEMPAK	
Transformer Capacit			100 (Combined)				
Sanctioned Load (Kv	vh)		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 Dev	elopment and Asset Ma	anagement Plan	IDAMP)		
		Municipal Committee I	Hafizabad			
Form: IDAMP-A1	Asset Co	Tube Well osndition 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			
	1	Overall Rating	5	-		
Average Score	1	2	2 3		5	
Asset Condition	Excellent	Good	Fair	Poor	Failing	
Category	А	В	С	D	E	
		Remarks / Require	ments			
No remarks						
Data Collected By: Mr. Tay	yab	Designation: Team Me	mber	Sign & Date: 08 May 2023		
Data Checked By: Mr. M. F	iaz	Designation: Team Lea	ıd	Туру Sign & Date: 08 May 2023		

	Integra	ited De	evelopment and A	sset	Mana	gement Pla	n (IDAMP)
			Municipal Com	mitte	e Haf	izabad	
Form:			Tube Well				Asset Code:
IDAMP-A1		Asset	Condition Assess	men	t		Date: 05 May 2
	Asset D					Pictures	
Name	1		MC Of			#2	
Location	Latitude			.0715			_
	Longitude			.6877			-
Address			Jinnah H			bad	
Area (Kanal/Acres)			1	. Mar	-		
Working Status			Functional			Functional	
Installation Year of				2005			
Installation Year of I	•			2005	,		
Capital Cost of Mach	ninery						
<b>Operational Hours</b>	I		Not	-Avai	lable		7
Delivery Pipe	Dia			8″			
	Material			MS			
Chlorinator			Yes			No	GPS Mep Car
Chlorination Schedu	le		Once in a Year		er 6 nths	No Schedule	Hafizabad, Punjab, Pakistan 3MCQ+J36, ketchary Rd, Hafizabad, Punjab, Pakis Lat 32.071659* Long 73.887798*
Apron Around Pump	House		Yes	1010		No	Google 08/05/23 11:25 AM GMT +05:00
Hoisting Girder			Yes			No	
<b>Civil Structure Cond</b>	ition		Good	Fa	air	Bad	and the second s
Approach to Pump H	louse		Good	Fa	air	Bad	
	Р	ump D	etails				
Ритр Туре			Turbine				
Pump Make			НМА				
Discharge Capacity (	Cusec)			1.5			
Rotational Speed (R	PM)			2950	)		
Housing Dia (inches)				12"			APP BEEE
Bore Depth (ft.)				450			
Head (ft.)				150			
Impeller Installation	Depth (ft.)			90			the second second
Paint of Pumping Ur	nit		Good	Fa	air	Poor	
	Gate Valve			1			In Vice
Number of Valves	Non-Returning Valve	S		1			
Base Plate			Yes			No	
Electro-Mechanical				5			
ransformer Capacity (kVA)			100 (Combined)				
anctioned Load (Kwh)			30				
Motor Power (HP)	Notor Power (HP)		40				
lotor Make		Siemens					
ICU		Yes No					
Earthing of Motor	arthing of Motor		Yes			No	1
Power Wiring			Yes			No	
Service Cable			Yes			No	]

	Integrated Dev	elopment and Asset Ma	anagement Plan	(IDAMP)		
		Municipal Committee	Hafizabad			
Form: IDAMP-A1	Asset (	Tube Well Condition Assessment			Code: ate: 05 May 2023	
Earthing of MCU	Abber	Yes	No	1 41 19	ate: 05 may 2025	
Energy Meter		Yes	No	We have the	agent -	
Water Meter		Yes	No	THE R. L.		
PFI Equipment		Yes	No		A 1000 1000	
Generator	F	Yes	No	an Deme T		
Change Over		Yes	No			
	-	Overall Rating	3		1	
Average Score	1	2	3	4	5	
Asset Condition	Excellent	Good	Fair	Poor	Failing	
Category	А	В	С	D	E	
	•	Remarks / Require	ments		•	
• Motor is burned out.						
Data Collected By: Mr. Tay	vyab	Designation: Team Me	ember	Sign & Date: 08 N	d 1ay 2023	
Data Checked By: Mr. M. H	-iaz	Designation: Team Lead		Sign & Date: 08 May 2023		

	Integrat	ed Development and	Asset M	anagement Pl	an (IDAMP)
		Municipal Co	mmittee	Hafizabad	
Form:		Tube Well			Asset Code:
IDAMP-A1	4	sset Condition Asses	sment		Date: 05 May 2023
	As	set Detail			Pictures
Name		Fai	mily Park		
Leastion	Latitude	32	.062743		
Location	Longitude	73	.677932		All and the second
Address		Family P	ark, Hafiz	abad	
Area (Kanal/Acres)		1	Marla		
Working Status		Functional	Nor	- Functional	
Installation Year of T	ube Well		2001		
Installation Year of F	Pump		2004		
Capital Cost of Mach	inery				
<b>Operational Hours</b>	1		8		
Delivery Pipe	Dia		6″		
	Material		MS		Participation of the Camera of
Chlorinator		Yes		No	Hafizabad, Punjab, Pakistan 3M7H+34C, College Rd, Hafizabad, Punjab, Pakistan
Chlorination Schedu	le	Once in a Year	After 6		Lat 32.062743* Long 73.677932*
	-		Months		Google 08/05/23 11:48 AM GMT +05:00
Apron Around Pump	House	Yes		No	
Hoisting Girder		Yes Good		No	
	Civil Structure Condition		Fair	Bad	
Approach to Pump H		Good	Fair	Bad	
	Pur	np Details			
Pump Type			urbine		
Pump Make	Cuese)		PECO		
Discharge Capacity (	-		1.5		A ABSA
Rotational Speed (R			1470 12″		
Housing Dia (inches) Bore Depth (ft.)			450		
Head (ft.)			150		
Impeller Installation	Depth (ft )		90		
Paint of Pumping Ur		Good	Fair	Poor	
	Gate Valve		1	1001	
Number of Valves	Non-Returning Valve		1		
Base Plate				No	E
		ical Equipment Detai	ls		
Transformer Capacity (kVA)			100		
Sanctioned Load (Kwh)			37		
Motor Power (HP)			50		
Motor Make			PECO		
MCU		Yes		No	
Earthing of Motor		Yes		No	the second se
Power Wiring		Yes		No	
Service Cable		Yes		No	

	Integrated De	velopment and Asset	Management Plan	(IDAMP)				
		Municipal Committe	e Hafizabad					
Form: Tube Well Asset Code:								
IDAMP-A1	Asset C	Condition Assessment			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	Α	В	С	D	E			
		Remarks / Requi	rements					
<ul> <li>No remarks</li> </ul>								
Data Collected By: Mr. Ta	yyab	Designation: Team Me	ember	لمبير المبير ا مبير المبير ا				
Data Checked By: Mr. M. Fiaz		Designation: Team Lead		Sign & Date: 08 May 2023				

	Int	tegrated D	evelopment and	Asse	t Ma	nagement	Plan (IDAMP)
			Municipal Con	nmitt	tee H	afizabad	
Form: IDAMP-A1							Asset Code: Date: 05 May 2023
IDAIVIP-A1			Condition Assess	nent			-
Name		Asset De	1	ily Pa	ark		Pictures
Name	Latitude			0612			
Location	Longitude			6775			
Address	Longitude		Family Pa			bad	
Area (Kanal/Acres/N	/larla)			Marl:			
Working Status			Functional	-	-	Functional	
Installation Year of 1	ube Well			2020			
Installation Year of F				2021			
Capital Cost of Mach	•						
Operational Hours				0			
-	Dia			8″			
Delivery Pipe	Material			MS			
Chlorinator	1		Yes			No	GPS Map Camera
Chlorination Schedu	Chlorination Schedule		Once in a Year		er 6 nths	No Schedule	Hafizabad, Punjab, Pakistan 3M60+9WC, Colege Rd, Hafizabad, Punjab, Pakistan Lat 32.061244* Long 73.67756°
Apron Around Pump	House		Yes			No	Google 08/05/23 12:02 PM GMT +05:00
Hoisting Girder			Yes			No	
Civil Structure Condi	tion		Good	Fa	ir	Bad	
Approach to Pump H	louse		Good	Fa	nir	Bad	
		Pump De	etails				
Pump Type			Turbine				
Pump Make				KSB			
Discharge Capacity (	Cusec)			1			
<b>Rotational Speed (R</b>	PM)		1	L470			
Housing Dia (inches)				12"			
Bore Depth (ft.)				450			
Head (ft.)				200			
Impeller Installation				90		1	
Paint of Pumping Un			Good	Fa	air	Poor	
	Gate Valv			1			
Number of Valves	Non-Retu Valve	rning		1			
Base Plate			Yes			No	PEMPAR
		chanical E	quipment Details				
	Transformer Capacity (kVA)		No Tra			-	
	Sanctioned Load (Kwh)		Not-/		able		
Motor Power (HP)				50			
Motor Make			Siemens				1
MCU			Yes			No	
Earthing of Motor			Yes			No	
Power Wiring			Yes			No	
Service Cable			Yes			No	

	Integrated Dev	elopment and Asset I	Management Pla	n (IDAMP)		
		Municipal Committee	e Hafizabad			
Form:						
IDAMP-A1	Asset Co	ondition Assessment			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 Rati	ng	I		
Average Score	1	2	3	4	5	
Asset Condition	Excellent	Good	Fair	Poor	Failing	
Category	А	В	С	D	E	
		Remarks / Requir	ements			
<ul> <li>Newly Built Turbine</li> <li>When Connection wa</li> <li>Now There was no tr</li> </ul>		or didn't start.				
Data Collected By: Mr. Tay	yab	Designation: Team M	lember	Sign & Date: 08 May 2023		
Data Checked By: Mr. M. F	iaz -	Designation: Team Le	ad	Sign & Date: 08 Ma	y 2023	

	Integ	ated Development	and A	sset I	Managemen	
		Municipa	l Comi	mitte	e Hafizabad	
Form: IDAMP-A1		Tube Well sset Condition Asse	essme	nt		
		set Detail				
Name	A		ssain F	Pura		
Name	Latitude		2.0694			
Location	Longitude	-	3.6816	-		
Address	Loughtune	Hussain			bad	
Area (Kanal/AcresM	arla)		1 Marl			
Working Status	<b>/</b>	Functional		Non-	Functional	
Installation Year of 1	ube Well		1980			
Installation Year of F			2021			
Capital Cost of Mach						
Operational Hours	-		8			
•	Dia		8″			
Delivery Pipe	Material		MS			
Chlorinator		Yes			No	
Chlorination Schedu	le	Once in a Year		er 6 nths	No Schedule	
Apron Around Pump	House	Yes			No	
Hoisting Girder		Yes			No	
Civil Structure Condi	tion	Good	Fa	ir	Bad	
Approach to Pump H	louse	Good	Fa	ir	Bad	
	Pu	mp Details				
Ритр Туре			Turbine			
Pump Make			KSB			
Discharge Capacity (	Cusec)		1			
Rotational Speed (R	-		1470			
Housing Dia (inches)			12"			
Bore Depth (ft.)			450			
Head (ft.)			200			
Impeller Installation			90			
Paint of Pumping Un		Good		air	Poor	
	Gate Valve		1			
Number of Valves	Non-Returnir Valve	g	1			
Base Plate		Yes			No	
E	lectro-Mechai	ical Equipment Det	tails			
Transformer Capacit			50			
Sanctioned Load (Kwh)			30			
Motor Power (HP)			40			
Motor Make			Siemer	าร		
MCU		Yes			No	
Earthing of Motor		Yes			No	
Power Wiring		Yes			No	
Service Cable		Yes			No	

Integrated Development and Asset Management Plan (IDAMP)									
		Municipal Comm	nittee Hafizabad						
Form: IDAMP-A1	Asset	Tube Well Condition Assessmen	Ass	set 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	Yes No						
Overall Rating									
Average Score	1	2	3	4	5				
Asset Condition	Excellent	Good	Fair	Poor	Failing				
Category	А	В	С	D	E				
		Remarks / Re	equirements						
No remarks									
Data Collected By: Mr. T	аууаb	Designation: Team M	lember	Juyyob Sign & Date: 08 May 2023					
Data Checked By: Mr. M	Fiaz	Designation: Team Le	ead	Sign & Date: 08 May	y 2023				

	Integrat	ed Development	and As	set I	Managemen	t Plan (IDAMP)
		Munici	bal Serv	vice	Jnit	
Form:		Tube Well				Asset Code:
IDAMP-A1	Ass	et Condition Asse	essmen	t		Date: 05 May 2
	Asse	t Detail				Pictures
Name	•	Muslin	n High S	Scho	ol	
Location	Latitude	32	2.06773	33		
Location	Longitude		8.68405			
Address		Muslim High	Schoo	l, Ha	fizabad	
Area (Kanal/AcresM	arla)		L Marla			
Working Status		Functional		lon-	Functional	
Installation Year of 1			2003			
Installation Year of F	•		2008			
Capital Cost of Mach	ninery					
Operational Hours	l -		8			
Delivery Pipe	Dia		8″			
	Material		MS			
Chlorinator		Yes			No	F
Chlorination Schedu	le	Once in a Year	After Mont		No Schedule	
Apron Around Pump	House	Yes			No	The second second
Hoisting Girder		Yes			No	GPS Map Can
Civil Structure Condi	tion	Good	Fai	r	Bad	Hafizabad, Punjab, Pakistan 3M9M+598, Hafizabad, Punjab, Pakistan
Approach to Pump H	louse	Good Fair Bad		Bad	Lat 32.067733° Long 73.684051°	
	Pump	o Details				Google 08/05/23 12:49 PM GMT +05:00
Ритр Туре		Turbine				
Pump Make		НМА				
Discharge Capacity (	Cusec)		1			
Rotational Speed (R	PM)	2945				
Housing Dia (inches)			12"			
Bore Depth (ft.)			450			
Head (ft.)			150			
Impeller Installation			90			
Paint of Pumping Ur		Good	Fai	r	Poor	
	Gate Valve		1			
Number of Valves	Non-Returning Valve		1			
Base Plate		Yes			No	
E	lectro-Mechanic	al Equipment Det	ails			The article
Transformer Capacit	y (kVA)		50			
Sanctioned Load (Kv	vh)		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	Asse	Tube Well t Condition Assessmen	t	Ass	set Code: Date: 05 May 2023					
Earthing of MCU		Yes	No	Alter and	40 -					
Energy Meter		Yes	No							
Water Meter		Yes	No	PEMPAK						
PFI Equipment		Yes	No							
Generator		Yes	No							
Change Over		Yes	No							
	T	Overall	Rating		1					
Average Score	1	2	3	4	5					
Asset Condition	Excellent	Good	Fair	Poor	Failing					
Category	А	В	С	D	E					
		Remarks / Re	equirements							
No remarks										
Data Collected By: Mr. To	аууаb	Designation: Team M	ember	Sign & Date: 08 May 2023						
Data Checked By: Mr. M	Designation: Team Le	ad	Sign & Date: 08 May	-						

	Integrate	ed Development a	and As	set I	Managem <u>e</u> r
		Municipal	Comm	itte	e Hafizabad
Form:		Tube Well			
IDAMP-A1	Ass	et Condition Asse	ssmen	t	
	Asse	t Detail			
Name		Mia	an Da K	ot	
Location	Latitude		2.07432		
	Longitude		8.68143		
Address	0l-)	Mian Da			bad
Area (Kanal/Acres/N	/laria)		L Marla		Functional
Working Status Installation Year of T		Functional	2007	ion-	Functional
Installation Year of I			2007		
Capital Cost of Mach	•		2007		
Operational Hours			8		
-	Dia		8″		
Delivery Pipe	Material		MS		
Chlorinator	·	Yes			No
Chlorination Schedu	le	Once in a Year	After Mon		No Schedule
Apron Around Pump	House	Yes		-	No
Hoisting Girder		Yes			No
Civil Structure Condi	tion	Good	Fair	r	Bad
Approach to Pump H	louse	Good	Faiı	r	Bad
	Pump	o Details			
Ритр Туре		Turbine			
Pump Make		НМА			
Discharge Capacity (			1.5		
Rotational Speed (RI			2950		
Housing Dia (inches)			12"		
Bore Depth (ft.)			450		
Head (ft.) Impeller Installation	Depth (ft )		150 90		
Paint of Pumping Un		Good	90 Fai	r	Poor
	Gate Valve	0000	1	1	FUUI
Number of Valves	Non-Returning Valve		1		
Base Plate	, and	Yes			No
	lectro-Mechanica	al Equipment Det	ails		
Transformer Capacit			50		
Sanctioned Load (Kw			30		
Motor Power (HP)			40		
Motor Make		S	iemens	5	
MCU		Yes			No
Earthing of Motor		Yes			No
Power Wiring		Yes			No
Service Cable		Yes			No

	Integrated	d Development and As	set Management	Plan (IDAMP)						
Municipal Committee Hafizabad										
Form:		Tube Well		Ass	et Code:					
IDAMP-A1	Asset	t Condition Assessmen	t		Date: 05 May 2023					
Earthing of MCU		Yes	No	AS PORT OF THE						
Energy Meter		Yes	No	UNITED						
Water Meter		Yes	No	PEMPAK						
PFI Equipment		Yes	No							
Generator		Yes	No							
Change Over		Yes	No							
	T	Overall	Rating							
Average Score	1	2	3	4	5					
Asset Condition	Excellent	Good	Fair	Poor	Failing					
Category	А	В	С	D	E					
	•	Remarks / Re	quirements							
• About roead, prope	r Tough tiles a	re laid.								
Data Collected By: Mr. To	ayyab	Designation: Team M	ember	Sign & Date: 08 May	/2 / 2023					
Data Checked By: Mr. M. Fiaz Designation: Team			ad	Sign & Date: 08 May	-					

	Integrate	ed Development	and Asse	t Managemer
		Municipal	Commit	ee Hafizabad
Form: IDAMP-A1	Ass	Tube Well et Condition Asse	ssment	
	Asse	t Detail		
Name		Muha	lla Ali To	wn
Location	Latitude	32	.086108	
Location	Longitude	73	.682631	
Address		Muha	lla Ali To	wn
Area (Kanal/Acres/N	/larla)		Marla	
Working Status		Functional		n- Functional
Installation Year of 1			2007	
Installation Year of F	•		2007	
Capital Cost of Mach	ninery			
Operational Hours			8	
Delivery Pipe	Dia		8″	
	Material		MS	
Chlorinator		Yes		No
Chlorination Schedu	le	Once in a Year	After 6 Months	
Apron Around Pump	House	Yes No		
Hoisting Girder		Yes		No
Civil Structure Condi	ition	Good	Fair	Bad
Approach to Pump H	louse	Good	Fair	Bad
	Pump	Details		
Ритр Туре		Т	urbine	
Pump Make			HMA	
Discharge Capacity (			1.5	
Rotational Speed (R	-		2950	
Housing Dia (inches)			12"	
Bore Depth (ft.)			450	
Head (ft.)			150	
Impeller Installation			90	
Paint of Pumping Ur		Good	Fair	Poor
	Gate Valve		1	
Number of Valves	Non-Returning Valve		1	
Base Plate		Yes		No
		al Equipment Det	ails	
Transformer Capacit			50	
Sanctioned Load (Kv	vh)		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	Asse	Tube Well t Condition Assessmen	t	Ass	et Code: Date: 05 May 2023					
Earthing of MCU		Yes	No							
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No	ST NI						
Generator		Yes	No	The state	ATTON					
Change Over		Yes	No							
	I.	Overall								
Average Score	1	2	3	4	5					
Asset Condition	Excellent	Good	Fair	Poor	Failing					
Category	A	В	С	D	E					
		Remarks / Re	equirements							
No remarks										
Data Collected By: Mr. To	аууаb	Designation: Team M	lember	Juyyob Sign & Date: 08 May 2023						
Data Checked By: Mr. M.	Fiaz	Designation: Team Le	ead	Sign & Date: 08 May	-					

	In	tegrated	Developm <u>en</u>	t and	Asset	: Manageme	nt Plan (IDAMP)		
			Municip	al Con	nmitt	ee Hafizabao	I		
Form:			Tube Well				Asset Code: _		
IDAMP-A1 As			set Condition Assessment					Date: 05	
		Asset De	etail				Pic	tures	
Name			Biji	li Muh	alla				
ocation	Latitude		32	2.0785	78				
	Longitude		73	3.6921	77				
ddress			Bijli Muł	nalla, F	lafiza	bad			
Area (Kanal/Acres/N	Aarla)			1 Marl	а			T	
Norking Status			Functional		Non-	Functional	C C STREAMER STREAME	A Statement of the second s	
nstallation Year of T	ube Well			2000			The second secon		
nstallation Year of P	ump			2021					
Capital Cost of Mach	inery								
Operational Hours				8					
Delivery Pipe	Dia			8″					
senvery ripe	Material			MS					
Chlorinator			Yes			No			
Chlorination Schedu	le	On	ice in a Year	Afte		No			
	-			Mor	nths	Schedule	- interesting in		
Apron Around Pump	House		Yes			No		1.15	
Hoisting Girder			Yes			No	MTRAJER MICH	GI	
Civil Structure Condi			Good	Fai		Bad	3MHR+CMC, Kh	Punjab, Pakistan alil Ansari Rd, Bijli Mohalla,	
Approach to Pump House			Good Fair Bad				Punjab, Pakistan Lat 32.078576°		
		Pump De					Google Long 73.692177* 08/05/23 02:08	PM GMT +05:00	
Pump Type			1	Furbin	e				
Pump Make	<u> </u>		KSB					1. Mar 30	
Discharge Capacity (			1.5				- Constanting	- Bail	
Rotational Speed (RI	-		1470				Langer and the	a light from	
Housing Dia (inches)			12"			a la segura			
Bore Depth (ft.)			450				and the	· And ·	
Head (ft.)	Daniel (fr.)		200				A LAND	ITTEL .	
mpeller Installation		)	Coort	90		Derr			
Paint of Pumping Un			Good	Fa	nr	Poor			
	Gate Valv	e		1				201	
Number of Valves	Non- Returning	.		1					
	Valve			T				1000	
Base Plate			Yes No						
	ectro-Mec	hanical F	quipment De	tails		NO		AL	
			Ampinent De	50					
Transformer Capacity (kVA) Sanctioned Load (Kwh)			30					1 A Star	
Motor Power (HP)			40				1. All Com	A CONTRACTOR	
Motor Power (HP) Motor Make			Siemens					and the state of the state of the	
MCU			Yes No						
Earthing of Motor			Yes			No			
Power Wiring						No			
ower wirning			185			NU			

	Integrate	d Development and A	sset Management	Plan (IDAMP)		
		Municipal Com	mittee Hafizabad			
Form: IDAMP-A1	Asse	Tube Well t Condition Assessmen	nt	Asset Code: Date: 05 May 2023		
Service Cable		Yes	No		attack the second	
Earthing of MCU		Yes	No		1	
Energy Meter		Yes	No	PENER		
Water Meter		Yes	No			
PFI Equipment		Yes	No			
Generator		Yes	No			
Change Over		Yes No				
		Overal	l Rating			
Average Score	1	2	3	4	5	
Asset Condition	Excellent	Good	Fair	Poor	Failing	
Category	Category A		С	D	E	
		Remarks / R	Requirements			
No remarks		-				
Data Collected By: Mr. To	iyyab	Designation: Team M	lember	Juyyab Sign & Date: 08 May 2023		
Data Checked By: Mr. M.	Fiaz	Designation: Team Le	ad	Sign & Date: 08 May 2023		

	Inte	grated Development	t and A	Asset	Manageme		
		Municipa	al Com	mitte	ee Hafizabad		
Form: IDAMP-A1 Ass		Tube Well Asset Condition Asse	Tube Well set Condition Assessment				
	Α	Asset Detail					
Name		Gener	General Bus Stand				
Location	Latitude	32	2.0708	39			
Location Longitude		73.69438					
Address		Gener	General Bus Stand				
Area (Kanal/Acres)			-				
Working Status		Ab	andon	ned			
Installation Year of Tu			2003				
Installation Year of Pu	-		2003				
Capital Cost of Machi	nery						
Operational Hours			-				
Delivery Pipe	Dia		-				
	Material		-				
Chlorinator		Yes		-	No		
Chlorination Schedule	9	Once in a Year	Afte Mon		No Schedule		
Apron Around Pump	House	Yes			No		
Hoisting Girder		Yes			No		
Civil Structure Conditi		Good	Fai	ir	Bad		
Approach to Pump Ho		Good	Fai	ir	Bad		
	Pi	ump Details					
Ритр Туре		T	urbine	e			
Pump Make			KSB				
Discharge Capacity (C			-				
Rotational Speed (RPI	VI)		-				
Housing Dia (inches)			-				
Bore Depth (ft.)			-				
Head (ft.)	No. 101		-				
Impeller Installation			-	•	D		
Paint of Pumping Unit		Good	Fa	ır	Poor		
	Gate Valve		-				
Number of Valves	Non- Returning Valve		-				
Base Plate		Yes	Yes No				
	ctro-Mecha	nical Equipment Det	tails				
Transformer Capacity			-				
Sanctioned Load (Kwh)			_				
Motor Power (HP)			-				
Motor Make		S	iemen	S			
MCU		Yes			No		
Earthing of Motor		Yes					
Power Wiring		Yes					

	Integrat	ed Development and A	sset Management	Plan (IDAMP)		
		Municipal Comr	nittee Hafizabad			
Form: IDAMP-A1	Asse	Tube Well et Condition Assessmen	t	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			
	I	Overal	l Rating	T		
Average Score	1	2	3	4	5	
Asset Condition	Excellent	Good	Fair	Poor	Failing	
Category	Α	В	С	D	E	
		Remarks / R	equirements			
<ul><li>Bore was choked.</li><li>It was abandoned for</li></ul>	or a long time	2.				
Data Collected By: Mr. To	аууар	Designation: Team M	ember	Jungob		
				Sign & Date: 08 May 2023		
Data Checked By: Mr. M.	Fiaz	Designation: Team <b>Le</b>	ad	maypy		
				Sign & Date: 08 May 2023		

		Integrat	ed Development and Asset Management	: Plan (IDAMP)		
			Municipal Committee Hafizabad			
Form: IDAMP-A1 Ass			Tube Well et Condition Assessment	Asset Code: Date: 05 May 202		
Asse			t Detail	Pictures		
Name			Mohallah Taj-pura			
Leastien	Latitude		32.058883			
Location	Longitude		73.673683			
Address			Taj Pura, Hafizabad			
Area (Kanal/Acres)			-			
Working Status	Working Status		Abandoned			
Installation Year of Tu	ube W	ell				
Installation Year of Pump						
Capital Cost of Machinery						
<b>Operational Hours</b>						
	Dia					
Delivery Pipe	Mate	rial				

	integrate	ed Development a	and As	set I	Vlanagemen	t Plan (IDAMP)			
		Municipal	Comm	nitte	e Hafizabad				
Form: IDAMP-A1	Tube Well et Condition Assessment				Asset Code: Date: 05 May 20				
Chlorinator		Yes No							
Chlorination Schedule		Once in a Year		er 6 No hths Schedule			844		
Apron Around Pump Hoւ	Jse	Yes	· [		No				
loisting Girder		Yes			No				
<b>Civil Structure Condition</b>		Good Fa		ir Bad					
Approach to Pump House	e	Good	Fair	r	Bad				
	Pump	Details				A 20 CONTRACTOR OF A 20 CONTRACTOR		A. C. S. Martin, S. M. S. Martin, S. Mar	
Ритр Туре			-				/		
Pump Make			-						
Discharge Capacity (Cuse	ec)		-						
Rotational Speed (RPM)			-				-		
Housing Dia (inches)			-			entertiet a 1/200			
Bore Depth (ft.)			-			and the second second	(FORMAN)	and the second second	
Head (ft.)			-						
Impeller Installation Dep	oth (ft.)		-						
Paint of Pumping Unit		Good Fair Poor							
Gat	te Valve	-							
Number of Valves	n-								
Ret	turning	-							
Valve									
Base Plate		Yes			No				
		l Equipment Deta	ails						
Transformer Capacity (k)	/A)		-						
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				
			verall	Rati	-				
Average Score	1	2		3		4		5	
Asset Condition	Excellent	t Good		Fair		Poor		Failing	
Category	А	В			С	D		E	
					ements				

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

	Integra	ted Development	and As	set I	Managem <u>er</u>	nt Plan (IDAMP)	
					e Hafizabad		
Form:		Tube Well				Asset Coo	le:
IDAMP-A1	As	set Condition Asse	ssmen	t		Date	: 05 N
	Asse	et Detail				Pictures	
Name		Mu	ghal Pu	ra			
Location	atitude	32	.069878	8			
Location	ongitude	73	.67355	2			
Address		Mughal P	ura, Ha	afiza	bad		
Area (Kanal/Acres)			-				
Working Status		Aba	andone	d			
Installation Year of Tu	be Well		-				
Installation Year of Pu	mp		-				
Capital Cost of Machir	ery		-				
Operational Hours			-				
Dolivory Dino	Dia		-				
Delivery Pipe	Material		-				
Chlorinator		Yes			No		
Chlorination Schedule		Once in a Year	After Mont	-	No Schedule		
Apron Around Pump H	louse	Yes			No		
Hoisting Girder	.0450	Yes			No		
Civil Structure Condition	on	Good	Fair	-	Bad		
Approach to Pump Ho		Good	Fair		Bad		
, p = = = = = = = = = = = = = = = = = =		p Details					
Ритр Туре			-				
Pump Make		1	-				16
Discharge Capacity (Cu	isec)	1	-				
Rotational Speed (RPN		1	-			AN DE CARE - 1	Tele .
Housing Dia (inches)		1	-				and and a
Bore Depth (ft.)			-				
Head (ft.)		1	-				
Impeller Installation D	epth (ft.)	1	-				and the
Paint of Pumping Unit		Good	Fai	r	Poor	the states	-
	Gate Valve		-				
Number of valves	Non- Returning /alve		-				
Base Plate		Yes			No		
Ele	ctro-Mechanic	al Equipment Deta	ails				
Transformer Capacity	(kVA)		-				
Sanctioned Load (Kwh	)		-				
Motor Power (HP)			-				
Motor Make							
MCU		Yes			No		
Earthing of Motor		Yes			No		
Power Wiring		Yes	T		No		

	Integrated	d Development and Ass	et Management	Plan (IDAMP)	
		Municipal Commi	ttee Hafizabad		
Form: IDAMP-A1	Asset	Tube Well t Condition Assessment		As	set 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 F	Rating	-	
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good Fair		Poor	Failing
Category	А	B C		D	E
		Remarks / Rec	quirements		
<ul><li>Bore was choked.</li><li>It was abandoned for</li></ul>	r a long time.				
Data Collected By: Mr. Ta	yyab	Designation: Team Member		Jungob	
				Sign & Date: 08 May	/ 2023
Data Checked By: Mr. M.	Fiaz	Designation: Team Lea	ıd	wayth	-
				Sign & Date: 08 May	/ 2023

		Integra	ted Development	and	Asset	: Managen
			Municipal	l Con	nmitt	ee Hafizaba
Form:			Tube Well			
IDAMP-A1		Ass	et Condition Asse	ssme	nt	
		Asse	t Detail			
Name	r		Rash			
Location	Latitu			0653		
	Longi	tude		6645		
Address			Rasheed P	ura,	Hafiza	abad
Area (Kanal/Acres)				-		
Working Status		, 11	Aba	ndor	ned	
Installation Year of T		/ell		-		
Installation Year of P				-		
Capital Cost of Mach	inery			-		
<b>Operational Hours</b>	D:-			-		
Delivery Pipe	Dia	ui a l		-		
Chlorinator	Mate	riai	Vac	-		No
chiorinator			Yes	٧٤٠	orf	No
Chlorination Schedul	е		Once in a Year	-	er 6 nths	No Schedule
Apron Around Pump	House	2	Yes	1010		No
Hoisting Girder	1.5030	-	Yes			No
Civil Structure Condit	tion		Good	Fa	air	Bad
Approach to Pump H			Good	-	air	Bad
		Pump	Details			244
Ритр Туре				-		
Pump Make				-		
Discharge Capacity (	Cusec)			-		
Rotational Speed (RF				-		
Housing Dia (inches)				-		
Bore Depth (ft.)				-		
Head (ft.)				-		
Impeller Installation	Depth	(ft.)		-		
Paint of Pumping Un	it		Good	Fa	air	Poor
	Gate	Valve		-		
Number of Valves	Non-					
	Retu	-		-		
	Valve	2			1	
Base Plate			Yes			No
			al Equipment Deta	nils		
Transformer Capacity		.)		-		
Sanctioned Load (Kw	'n)			-		
Motor Power (HP)				-		
Motor Make				-		
MCU			Yes			No
Earthing of Motor			Yes			No
Power Wiring			Yes			No

	Integrate	d Development and As	set Managemen	: Plan (IDAMP)	
		Municipal Comm	nittee Hafizabad		
Form:		Tube Well		As	sset Code:
IDAMP-A1	Asset	Condition Assessment	t		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		
	1	Overall	Rating		
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	А	В	C	D	E
		Remarks / Re	equirements		
<ul><li>Bore was choked.</li><li>It was abandoned for</li></ul>	or a long time.				
Data Collected By: Mr. Ta	yyab	Designation: Team Member		Jungob	
				Sign & Date: 08 May	2023
Data Checked By: Mr. M.	Fiaz	Designation: Team Lead		white	
				Sign & Date: 08 May	2023

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

	lı	ntegrated Develo	opment And	Asset	Manage	ment Pla	n (IDAMP)		
		N	Iunicipal Cor	nmitte	e Hafiza	bad			
Form: IDAMP-A2			Over He Asset Condi			nt	Asset Code: Date: 05 May 202		
Name			Jinn	nah Hal			Pictures		
	Latitu	ıde	32.0	071337	,				
Location	Longitude		73.	.68795					
Address			Jinnah Ha	all. Hafi	zabad				
Year of Construction				1969		-			
Capacity (UK Gallons	)			0,000		-			
Cleaning Frequency				2					
Type of Structure			Ma	asonry					
Structure Condition			Good	Fair	Poor				
Tank Conditions			Good	Fair	Poor				
	Sluice Va	, we	0000		FUUI		621	N P S S	
Number of Valves				4					
	Non-Ket	urning Valve		1 Non					
Working Status			Functional		tional		114		
Rising Main		Dia	8		-				
		Material Dia	MS 10		-				
Delivery Main		Material	MS						
		Dia	6			1			
Overflow & Scour Pi	be	Material	MS						
		<b>Rising Main</b>	Yes		No	1			
Sluice Valve		Delivery Main	Yes		No		1		
Shallee Valve		Scour Pipe	Yes		No	- California		Contraction of the second	
		<b>Overflow Pipe</b>	Yes		No		1	The second s	
Stair Case			Yes		No	-			
Apron Around OHR Tank Top Railing			Yes Yes		No No				
Top Indication Light			Yes		No				
Lightening Arrester			Yes		No				
Boundary Wall & Ga	te		Yes		No	1			
Overflow Disposal A		ents	Yes		No	]			
Approach to OHR			1 1	Fair	Bad				
			Over	all Rati	ing				
Average Sco		1	2			3	4	5	
Asset Condit	ion	Excellent	Goo	d	F	air	Poor	Failing	
Category		А	В			С	D	E	
			Remarks /	' Requi	rements				
Only one OHR u	sed to fe	ed filtration plan	t.						
Data Collected By: M	r. Tayyab		Designatio	on: Tea	m Meml	ber	huyo	b	
							Sign & Date: 08 May 2023		

Data Checked By: Mr. M. Fiaz	Designation: Team Lead	maypy
		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				0
2	4"	1,424				0
3	6"	2,624	53	Failing	AC	0
4	8"	1,271				0
5	10"	96				0
6	3"	21,467				1.71
7	4"	4,096				0.475
8	6"	5,836	23	Poor	AC	0.665
9	8"	1,325				0.19
10	10"	389				0.095
11	3"	9,575				1.995
12	4"	3,769		Fair	AC	0.76
13	6"	5,676	18			1.33
14	8"	1,680				0.57
15	10"	167				0.285
16	3"	26,231				4.085
17	4"	6,044				1.045
18	6"	15,022	12	Good	UPVC	3.23
19	8"	10,726				1.52
20	10"	583				0.38

	Integrated Deve	elopment And Ass	set Managem	ent Plan (IDAMP)	
		Municipal Comm	ittee Hafizab	ad	
Form: IDAMP-A5		er Supply Networ Condition Assessn			Asset Code: Date: 05 May 2023
	Description		Are	a (Acres)	Percentage
	Served Area			.694.6	28.2
	Contaminated Area		(	969.1	8.1
۱	Vater Shortage Area			236.9	3.9
	Unserved Area		4	314.6	71.8
Latest water quali	ty analysis carried out fo network?	or community		Yes	No
lf yes, v	which lab and paramete	rs?		Not-Avail	able
Finding	s of water quality analys	sis?		Not-Avail	able
PEQSs, which ste	ameter above the permi ps are taken to provide s ter to the consumers?			Not-Avail	able
	vater contamination rec consumers?	eived from the		Yes	No
If yes, which steps	were taken to resolve th	ne complaints?		-	vater was polluted or not hey were all resolved.
Pipe Dia (inches)	Pipe Material	Length	n (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 AC	70412		2000	23 23
<u> </u>	AC	13433 19144		2000	23
8	AC	4345		2000	23
<u> </u>	AC	1277		2000	23
10		12//		2000	23
3	UPVC	31405		2005	18
4	UPVC	12361		2005	18
6	UPVC	18617		2005	18
8	UPVC	5509		2005	18
0		547		2005	18
10	UPVC	547			
	UPVC	547			
	UPVC	86039		2011 (PHED)	12
10				2011 (PHED) 2011 (PHED)	12 12 12
10 3	UPVC	86039			
10 3 4	UPVC UPVC	86039 19826		2011 (PHED)	12

	Integrated Development And Asset Management Plan (IDAMP)									
	Municipal Committee Hafizabad									
Form: IDAMP-A5	· · · · · · · · · · · · · · · · · · ·									
		Pomorke / Poquiromonte								
No remarks		Remarks / Requirements								
Data Collected By: Mr. Tayyab		Designation: Team Member	Sign & Date: 08 May 2	023						
Data Checked By: Mr.	M. Fiaz	Designation: Team Lead	Sign & Date: 08 May 2	023						

C.	<b>Filtration Plant</b>						
Sr #	Name	Age (Years)	Condition	Capacity	Туре	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

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		Inte	grated Develo	pment	And A	sset Manageı	ment Plan (IDAM	IP)
			M	unicipa	l Comr	nittee Hafizal	bad	
Form:			Water F			-		Asset Code:
IDAMP-A	4		Asset Cond				_	Date: 05 May 20
	Name			Office		Hall		Pictures
Location	atitude	-			7157			AND IN THE OWNER
	ongitu	de			37722			
Address			Jinn	ah Hall	-	abad		
Installation Ye				20				
Installing Ager	ncy				Bank			
O&M Agency					1C		-	
Filtration Capa		iter/Hour)		,	000			
Operational H	ours				6			GPS Map Camera Hafizabad, Punjab, Pakistan 3MCQ+J36, Ketchary Rd, Hafizabad, Punjab, Pakistan
No. of Taps	16 A				5			Lat 32.07157° Long 73.687722°
Effluent Test (		-		Not-Av	allable		Google	08/05/23 11:31 AM GMT +05:00
Latest water q carried out?	luality	anaiysis	Not-Available					
If yes, which la	ab and							
parameters?				Not-Av	ailable	2		
Findings of wa	ater qua	ality		Not-Av	vailable	د		
analysis? In case of any parameter						-	and the second second	
above the peri	-							
which steps ar				Not-Av	vailable	2	1	
provide safe w	vater?						and the	
Plant Type			RO			UV		
Source of Wat	er		Local Tube	Well	Public	Water Suppl	y	P TP
Working Statu	IS		Function	al	No	n-Functional		
Pumping Unit			Yes			No		
Control Panel			Yes			No		
Service Cable			Yes			No	-4-	
Ultraviolet Lar	mp		Yes			No		
Takeaway Hall	l Condi	tion	Good	Fa	air	Poor	7.00	
Building Struct	ture Co	ondition	Good	Fa	air	Poor		Carl and the second sec
Approach to P	ump H	ouse	Good	Fa	air	Poor		
	-				Overal	l Rating		
Average Sco		1	2			3	4	5
Asset Conditi	ion	Excellent	Goo	d		Fair	Poor	Failing
Category		А	В			С	D	E
				Rema	rks / R	equirements		
No remar	rks							

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

		Inte	grated Develo	pment	And As	set Manageme	ent Plan (IDAMP)
			M	unicipa	l Comn	nittee Hafizaba	d
Form IDAMP			Water F Asset Cond				Asset Code: Date: 05 May 2023
Name	Name			Famil	y Park		Pictures
	Latitude	e		32.06	52588		
Location	Longitu	de		73.67	7686		
Address			Fam	ily Park	, Hafiza	abad	
Installation <sup>3</sup>	Year			20	05		
Installing Ag	ency			N	IC		
O&M Agenc	у			N	IC		
Filtration Ca	pacity (L	iter/Hour)		2,0	000		
Operational	Hours			8	3		Hafizabad, Punjab, Pakistan 3M7H+34C, College Rd, Hafizabad, Punjab, Pakistan
No. of Taps			10				Lat 32.062568* Long 73.077686* 08/05/23 11:54 AM GMT +05:00
Effluent Tes	t (If Avail	able)	Not-Available				
Latest water carried out?		analysis	Not-Available				
	If yes, which lab and parameters?			Not-Available			E A A
Findings of v analysis?	water qua	ality	Not-Available				
In case of an above the po which steps provide safe	ermissibl are take	e limit,	Not-Available				
Plant Type			RO			UV	
Source of W	ater		Local Tube	Well	Public	Water Supply	
Working Sta	tus		Function	al	Non	-Functional	
Pumping Un			Yes			No	
	Control Panel		Yes			No	
Service Cabl	Service Cable		Yes			No	
Ultraviolet L	Jltraviolet Lamp		Yes			No	
Takeaway H	all Condi	tion	Good	Fa	air	Poor	
Building Stru	ucture Co	ndition	Good	Fa	air	Poor	
Approach to	Pump H	ouse	Good	Fa	air	Poor	
	-					Rating	

Average Score	1	2	3	4	5				
Asset Condition	Excellent	Good	Fair	Poor	Failing				
Category	А	В	С	D	E				
	Remarks / Requirements								
No remarks									
Data Collected By: I	Mr. Tayyab	Designation: Tean	n Member	Juyyob Sign & Date: 08 May 2023					
Data Checked By: N	1r. M. Fiaz	Designation: Tean	n Member	Sign & Date: 08 May 2023					

		Integrat	ed Developmer	nt And A	Asset Ma	anagement Plar	n (IDAMP)
			Municip	oal Com	mittee H	lafizabad	
	Form: IDAMP-A4			iltratio	n Plant ssessme	Asset Code: Date: 05 May 2023	
Name			Mu	ıhalla Hı	ussain Pu	ura	Pictures
Location	Latitude			32.06	69753		
LOCATION	Longitude			73.68	81696		
Address			Muhalla	Hussain	Pura, H	afizabad	
Installation	Year			20	05		
Installing Ag	gency			Ν	1C		
O&M Agenc	ÿ			N	1C		
<b>Filtration Ca</b>	pacity (Liter/	'Hour)	2,000				
Operational	Hours		12				
No. of Taps			6				
Effluent Test	t (If Available	e)	Not-Available				
Latest water carried out?	r quality anal	ysis	Not-Available				Constraint Hafizabad, Punjab, Pakistan Internet Alfabricabad, Punjab, Pakistan Internet Alfabricabad, Punjab, Pakistan Internet Alfabricabad, Punjab, Pakistan
If yes, which	lab and para	ameters?	Not-Available				Latt 22,0696/3* Long 73,081998* 08/05/23 12:41 PM GMT +05:00
Findings of v	water quality	analysis?		Not-Av	vailable		
the permissi	iy parameter ible limit, wh provide safe	ich steps		Not-Av	vailable		
Plant Type	p		RO			UV	
	Source of Water		Local Tube \	Vell	Public	Water Supply	
Working Sta	Working Status		Functiona	al	Non	-Functional	
Pumping Unit		Yes			No		
Control Pan	Control Panel		Yes			No	
Service Cabl	e		Yes		No		1
Ultraviolet L	Ultraviolet Lamp		Yes No		No	1	
Takeaway H	all Condition		Good	Fa	air	Poor	1

Building Structure (	Condition	Good	Fair	r	Poor		E MA	
Approach to Pump House		Good			Poor			
	Overall Rating							
Average Score	1	2		3		4	5	
Asset Condition	Excellent	Goo	d		Fair	Poor	Failing	
Category	А	В		С		D	E	
		Rem	narks / Re	equire	ments			
No remarks								
Data Collected By: N	Designation	Designation: Team Member			Sign & Date: 08 May 2023			
Data Checked By: M	Designation	on: Team Lead			Sign & Date: 08 Ma	y 2023		

		Integrat	ed Developmen	it And A	sset Ma	anagement Pla	n (IDAMP)		
			Municip	al Com	mittee H	lafizabad			
Form: IDAMP-A	Form: IDAMP-A4			iltration ition As	n Plant sessme	Asso	et Code: Date: 05 May 2023		
Name			Rana So	mi Wala	Filtratio	on Plant	Pic	tures	
L	atitud	е	32.070375						
Location L	ongitu	ıde		73.67	6718			Part Interes	
Address			Muhalla	Hussain	Pura, H	afizabad	حكررسول لند	لاالته الاالته	
Installation Yea	ar			20	05				
Installing Agen	су			PH	ED				
O&M Agency				Μ	С				
Filtration Capa	city (Li	ter/Hour)		2,0	00		the second		
Operational Ho	ours			1	2			and the	
No. of Taps				6	5			GPS Map Camora	
Effluent Test (If	f Avail	able)		Not-Av	ailable		3M9G+VJQ,	Punjab, Pakistan Hafizabad, Punjab, Pakistan 75°	
Latest water qu carried out?	uality a	analysis		Not-Av	ailable		Lat 32.070375* Long 73.676718* 08/06/23.01:03 PM GMT +05:00		
lf yes, which lal	b and	parameters?		Not-Av	ailable				
Findings of wat	er qua	ality analysis?		Not-Av	ailable		STA Lan		
In case of any parameter above the permissible limit, which steps are taken to provide safe water?		which steps	Not-Available						
Plant Type			RO UV						
Source of Wate	er		Local Tube V	Vell	Public	Water Supply			
Working Status	5		Functiona	ıl	Non-Functional		and the Print and Print and a		
Pumping Unit			Yes			No		· Andrew	
Control Panel			Yes			No		and and all	
Service Cable			Yes			No	1000		
Ultraviolet Lam	р		Yes			No		5	
Takeaway Hall	Condi	tion	Good	Fa	ir	Poor	1.		
Building Struct	ure Co	ndition	Good	Fa	ir	Poor			
Approach to Pu	ımp H	ouse	Good	Fa	iir	Poor	Ken		
				Overa	I Rating				
Average Sco	re	1	2			3	4	5	
Asset Conditi	on	Excellent	Good Fair		Poor	Failing			
Category		Α	B C				D	E	
			Rem	arks / R	Requirer	nents			
No remark	<s< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></s<>								
Data Collected By: Mr. Tayyab			Designatior	Designation: Team Member			Juya Sign & Date: 08 Ma	/2 v 2023	

Data Checke	ed By: Mr			ation: 1				Date: 08 May 2023			
		Inte	egrated Develo	pment	And As	sset Manage	ement Plan (II	DAMP)			
			Μ	unicipa	l Comr	nittee Hafiza	abad				
Forn IDAMF			Water F Asset Cond					Asset Code: Date: 05 May 2023			
Name			Sabzi M	Mandi F	iltraior	n Plant		Pictures			
Location	Latitude	9		32.07	8927						
Location	Longitu	de		73.67	0784						
Address				Sabzi N	Mandi						
Installation	Year			20	05						
Installing Ag	gency			М	С		-				
O&M Agend	cy .			М	С						
Filtration Ca	apacity (L	iter/Hour)		2,0	00		E				
Operational	Hours			1	5		6				
No. of Taps				7	7						
Effluent Tes	t (If Avai	lable)		Not-Av	ailable			Hafizabad, Punjab, Pakistan Vegetable Markeet Kolo Tarar Rd, Hafizabed, Punjab,			
Latest wate	-	-			ailabla			Pakistan Lat 32.078927° Lang 73.670784°			
carried out?	<b>)</b>	_		Not-Av	allable		Googl	08/05/23 01:18 PM GMT +05:00			
If yes, which lab and parameters?				Not-Av	ailable			# ·			
Findings of analysis?	water qu	ality	Not-Available								
In case of an above the p which steps provide safe	ermissib are take	le limit,	Not-Available								
Plant Type	e water:		RO		uv						
Source of W	/ater		Local Tube \	Nell	Public	Water Supp					
Working Sta			Functiona			-Functional					
Pumping Ur			Yes			No					
Control Pan			Yes			No					
Service Cab			Yes			No					
	Ultraviolet Lamp		Yes			No					
Takeaway Hall Condition		Good	Fa	ir	Poor						
Building Structure Condition		Good	Fa		Poor						
Approach to Pump House		Good	Fa		Poor						
			3000			Rating					
Average S	Score	1	2			3	4	5			
Asset Con		Excellent		Ч		Fair	Poor	Failing			
Catego		A	B	ч		C	D	E			
catego	,, y	~		Roma	rke / P						
Remarks / Requirements											

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

	Integrated Development And Asset Management Plan (IDAMP)									
			Μι	unicipal	Comm	ittee Hafizaba	d			
Forn IDAMF			Water F Asset Conc				Asset Code: Date: 05 May 2023			
Name				Mian	Da Kot		Pictures			
	Latitude	•		32.07	74445					
Location	Longitu	de		73.68	31298					
Address			Mia	n Da Ko	t, Hafiza	abad				
Installation	Year			20	05		THE REAL PROPERTY OF THE PROPERTY OF THE REAL PROPE			
Installing Ag	gency			N	1C					
O&M Agend	cy .			N	1C					
Filtration Ca		iter/Hour)		2,0	000					
Operational	Hours			8	8					
No. of Taps				4	4		C CPS MED Control of			
Effluent Tes	t (If Avail	able)	Not-Available				Hafizabad, Punjab, Pakistan 3MFJ+PGV, Hafizabad, Punjab, Pakistan			
Latest wate carried out?		analysis	Not-Available				Google Lat 32.074445° Long 73.681298° 08/06/23 01:28 PM GMT +05:00			
If yes, which parameters			Not-Available							
Findings of analysis?	water qua	ality	Not-Available							
In case of an above the p which steps provide safe	ermissibl are take	e limit,	Not-Available							
Plant Type	e water:		RO			UV				
Source of W	/ater		Local Tube	Well	Public	Water Supply				
Working Sta	Working Status		Function	al		-Functional				
	Pumping Unit		Yes			No				
	Control Panel		Yes			No				
Service Cab	Service Cable		Yes			No				
Ultraviolet I	Ultraviolet Lamp		Yes			No				
Takeaway H	•	tion	Good Fair		air	Poor				
Building Str			Good			Poor				
Approach to			Good	Fa	air	Poor				

	Overall Rating									
Average Score	1	2	3	4	5					
Asset Condition	Excellent	Good	Fair	Poor	Failing					
Category	А	В	С	D	E					
	Remarks / Requirements									
No remarks										
Data Collected By:	Mr. Tayyab	Designation: Tean	n Member	Sign & Date: 08 May 2023						
Data Checked By: I	Mr. M. Fiaz	Designation: Team Lead		Sign & Date: 08 May 2023						

		Integ	rated Development A	and Asset Managemer	nt Plan (IDAMP)
			Municipal	Committee Hafizabad	
Forr IDAMI			Water Filtratio Asset Condition A		Asset Code: Date: 05 May 2023
Name	Name		Chaman-e-R	asool Masjid	Pictures
Location	Latitude	9	32.07	79307	
Location	Longitu	de	73.69	90357	
Address			Bijli Muhall	a, Hafizabad	The state of the s
Installation	Year		20	005	Mail & Market
Installing A	gency		Public	Health	A State of the second sec
O&M Agen	су		N	1C	
Filtration Ca	apacity (Li	iter/Hour)	2,0	000	<u> </u>
Operationa	l Hours			8	
No. of Taps				4	
Effluent Tes	st (If Avail	able)	Not-Av	/ailable	
Latest wate carried out		analysis	Not-Av	vailable	Hafizabad, Punjab, Pakistan MrtrP43, Strest No. 1, Hafizabad, Punjab, Pakistan Lyt 32,079307*
If yes, which parameters			Not-Av	vailable	Google Gerge/23 01:58 PM GMT +05:00
Findings of analysis?	water qua	ality	Not-Av	vailable	
In case of any parameter above the permissible limit, which steps are taken to provide safe water?		Not-Av	vailable		
Plant Type	Plant Type		RO	UV	
Source of W	Source of Water		Local Tube Well	Public Water Supply	
Working Sta	atus		Functional	Non-Functional	
Pumping U	nit		Yes	No	
Control Pan	nel		Yes	No	

Service Cable		Yes No			No	1 th		
Ultraviolet Lamp		Yes		No				
Takeaway Hall Con	dition	Good	Fai	r	Poor	2 50		
Building Structure	Condition	Good	Fair		Poor			
Approach to Pump House		Good	Fair		Poor			
			Ov	erall R	ating			
Average Score	1	2			3	4	5	
Asset Condition	Excellent	Goo	Good		Fair	Poor	Failing	
Category	А	В		С		D	E	
			Remarks	s / Rec	uirements			
No remarks								
Data Collected By: I	Mr. Tayyab	Designatio	Designation: Team Member			Jun	de	
						Sign & Date: 08 May 2023		
Data Checked By: N	1r. M. Fiaz	Designatio	Designation: Team Member			mayen		
						Sign & Date: 08 M	lay 2023	
	Integ	rated Develop	ment Ar	nd Ass	et Managen	nent Plan (IDAMP)		
		Mur	nicipal C	ommi	ttee Hafizab	ad		
Form: Water Filtration Plant							Asset Code:	

	Form: IDAMP-A4		Water Filtration Plant Asset Condition Assessment	Asset Code: Date: 05 May 2023		
Name	Name		Govt. Degree College (Girls)	Pictures		
Location	Latitude		32.076105			
Location	Longitude		73.687815			
Address			Ali Pur Road, Hafizabad			
Installatior	n Year		2005			
Installing A	Installing Agency O&M Agency Filtration Capacity (Liter/Hour)				MC	
O&M Agen					MC	
Filtration C			2,000			
Operationa	al Hours		12			
No. of Taps	s		4			
Effluent Te	est (If Availab	ole)	Not-Available			
Latest wate carried out	er quality an t?	alysis	Not-Available	Construction of the second sec		
If yes, which parameters			Not-Available	Coogle La 22/0100° Google 06/05/23 0213 PM 6MT +05:00		
Findings of water quality analysis?		ty	Not-Available			

In case of any parameter above the permissible limit, which steps are taken to provide safe water?			Not-Available				
Plant Type	RO	RO UV				in the second se	
Source of Water	Local Tube	Well	Public	Water Supp	ly		
Working Status		Function	al	Non	-Functional		
Pumping Unit		Yes			No	N Missien	
Control Panel		Yes			No		
Service Cable		Yes			No		
Ultraviolet Lamp		Yes			No		
Takeaway Hall Condition		Good	Fa	air	Poor		
Building Structure Condition		Good	Fa	air	Poor		
Approach to Pump House		Good	Fa	air Poor			
			0	verall R	ating		
Average Score	1	2			3	4	5
Asset Condition	Excellent	Goo	d		Fair	Poor	Failing
Category	А	В		С		D	E
			Remark	ks / Req	juirements		
No picture of t	the building c	ould be taken	becaus	e Girls (	College was o	closed	
Data Collected By: I	Designatio	Designation: Team Member			Sign & Date: 08 M	d 1ay 2023	
Data Checked By: N	Designatio	Designation: Team Lead			Sign & Date: 08 M	y J	

	Integrated Development And Asset Management Plan (IDAMP)								
		Municipal Committee Hafizabad							
For IDAM		Water Filtration Plant Asset Condition Assessment	Asset Code: Date: 05 May 2023						
Name		Sona Service Station	Pictures						
Location	Latitude	32.073164							
Location	Longitude	73.698834	E MAR						
Address		Nera Sona Service Station, Hafizabad							
Installation	n Year	2005	511249 10						
Installing A	gency	MC							
O&M Agen	су	MC							
Filtration C	apacity (Liter/Hour)	2,000							
Operational Hours No. of Taps Effluent Test (If Available)		ional Hours 8							
		8	Hafizabad, Punjab, Pakistan 3MEX+863, Qazipura, Hafizabad, Punjab, Pakistan						
		Not-Available	Lat 32.073164* Long 73.698834* Conocle 908/05/23 02:25 PM GMT +05:00						

Latest water quality	analysis						
carried out?	andiysis		Not-Av	ailable			SE din 12
If yes, which lab and						- Corr	
parameters?			Not-Av	ailable			
Findings of water qu	ality		Not-Av	ailabla			
analysis?		NOL-AV	allable				
In case of any param							
above the permissib			Not-Av	ailable	228 I	1.56	
which steps are take provide safe water?	en to						
Plant Type		RO			UV		- in/- 5 15
Source of Water		Local Tube V	الم/٨	Public	Water Supp		161
Working Status		Function			-Functional	y la	A Cha
			ar	NOI	No	and the second	- A CART
Pumping Unit		Yes Yes					
	Control Panel				No	-	The Land
	Service Cable			Yes No			and the second
Ultraviolet Lamp		Yes			No		A TON
Takeaway Hall Cond			Good Fa		Poor	State -	A A A A
Building Structure Co		Good	Fa	nir	Poor		1 - 1 - 1
Approach to Pump H	louse	Good Fair Poor					
			Overa	l Ratin			
Average Score	1	2		3		4	5
Asset Condition	Excellent	Goo	d	Fair		Poor	Failing
Category	А	В			С	D	E
		Rema	arks / F	equire	ments		
No remarks							
Data Collected By: M	Designatic	Designation: Team Member				d av 2023	
Data Checked By: Mr	Designatic	Designation: Team Lead			Sign & Date: 08 M Mayf Sign & Date: 08 M	3	

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							
LUCALION	Longitude	73.694214							
Address Installation Year Installing Agency		Near General Bus Stand, Hafizabad							
		2005							
		MC	Hereiner ich an der Sterner in der Sterner in der Sterner in der Sterner ich d						

O&M Agency	]		N	IC		and the second	1 1 A 1 3 A
Filtration Capacity	(Liter/Hour)		2,0	000		5-0	
<b>Operational Hours</b>			8	3			
No. of Taps			8	3			
Effluent Test (If Ava	t Test (If Available) Not			ailable			
Latest water qualit	y analysis		Not-Av	ماطداند		Hara A	
carried out?			NUL-AV	allable		12	T DEALE
If yes, which lab an	d		Not-Av	ailable			
parameters? Findings of water q	uality						
analysis?	uality		Not-Av	ailable			THAT
In case of any para	meter						8823 1/
above the permissi			Not-Av	ailabla			
which steps are tak			NOL-AV	anabie		- 11-2-2-	
provide safe water	?						and the second se
Plant Type		RO Local Tube			UV		and an and a set of the set of th
	Source of Water				Water Supp		
Working Status	Function	al	Non-Functional		EX		
Pumping Unit	Yes		No				
Control Panel		Yes			No		
Service Cable		Yes			No		
Ultraviolet Lamp		Yes			No		
Takeaway Hall Con	dition	Good Fa		air Poor			
Building Structure	Condition	Good	Good Fa		Poor		
Approach to Pump	House	Good Fa		air Poor			
		Overall Rating					
Average Score	1	2			3	4	5
Asset Condition	Excellent	Goo	bd		Fair	Poor	Failing
Category	А	В			С	D	E
		R	emarks	/ Requ	irements		
No remarks							
Data Collected By: Mr. Tayyab Designation: Tea			on: Teai	ım Member		Juny	ol)
Data Checked By: Mr. M. Fiaz Designation: Tean				m Lead		Sign & Date: 08 M	3
	Intogra	ted Daveland				ent Plan (IDAMP)	

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			

	Latitud	de		32.06	2445				
Location	Longit	ude		73.68	9773			A land a second a sec	
Address	•		Muneeb	Marriag	e Hall,	Hafizabad			
Installation	Year			20	05		調査		
Installing Ag	ency			Μ	IC			when here we have	
O&M Agency				Μ	IC				
Filtration Capacity (Liter/Hour)			2,0	000					
Operational	Hours			1	2				
No. of Taps			5 Hafizabad, Punjab, Pakistan						
Effluent Tes	t (lf Ava	ailable)		Not-Av	ailable		3M7R- Pakista Lat 32	⊧23V, Kassoki Rd, a West, Hafizabad, Punjab 52110, an .062445°	
Latest water carried out?	-	y analysis		Not-Av	ailable		Coogle Long 7 08/05/	3.689773* 22 02:44 PM GMT +05:00	
If yes, which parameters		d		Not-Av	ailable			The state of the s	
Findings of v analysis?	water q	uality		Not-Av	ailable				
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 Supp			Water Supp			
Working Sta	tus		Functional Non-Functional					/ hx/19-1/	
Pumping Un			Yes No			No			
Control Pan	el		Yes No			No			
Service Cabl	е		Yes No						
Ultraviolet L	.amp		Yes			No	1 H		
Takeaway H	all Con	dition	Good	Fa	ir	Poor		T X Y A	
Building Stru	ucture (	Condition	Good	Fa	nir	Poor			
Approach to	Pump	House	Good	Fa	nir	Poor		123 A	
				Ov	erall R	ating			
Average S	core	1	2			3	4	5	
Asset Cond	lition	Excellent	Goo	bd		Fair	Poor	Failing	
Catego	ſу	А	В			С	D	E	
				Remarks	s / Req	uirements			
No rem	narks		1				1		
Data Collected By: Mr. Tayyab			Designation: Team Member				Sign & Date: 08 M	d) 1ay 2023	
Data Checked By: Mr. M. Fiaz			Designation: Team Lead				maye	3	
							Sign & Date: 08 May 2023		

## E. Vehicles/ Machinery

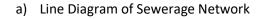
Sr #	Name	Registration Number	Age (Years)	Condition	Status	Capacity	Book Value (PKR Mil)
1	Water Bowser	MCH-450	58	Poor	Functional	55 HP	1.8
2	Water Bowser	МС	3	Good	Functional	Not Available	5.3

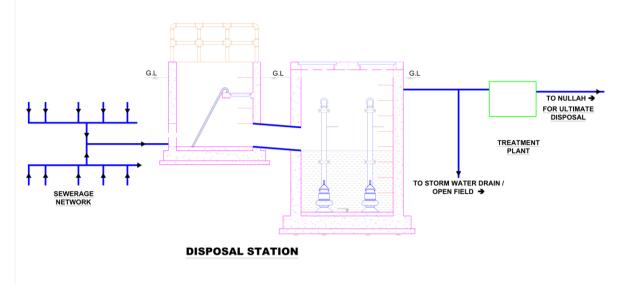
	Integrate	d Dev	elopment and	Asset N	lanagem	ent Plan	(IDAMP)		
			Municipal Cor	nmittee	Hafizab	ad			
Form:	Moveable Asset					Asset Code:			
IDAMP-A16	A	sset	Condition Asse	ssment				Date: 05 May 2023	
Type of V	/ehicle / Machine	ery					Pictures		
Water Bowser									
Capacity		500	) Gallons				500 Gallons		
Purpose		Wat	er Supply				Water Supply		
Year of			1965						
Manufacturing			1962		Not-Available				
Model		FI	AT 450		Not-Available				
Capital Cost									
Fuel Consumption		289 L	iter/month			Not-Available			
Condition			Poor		Not-Available				
Engine Capacity			55 HP		Not-Available				
Maintenance Cost		50,0	00/month	Not-Available					
Oiling /Fitness			Yes		Yes				
Fitness Certificate			No		No				
Registered		Μ	CH-450				Not-Available		
			Over	all Ratir	Ig				
Average Score	1		2		3		4	5	
Asset Condition	Excellent	:	Good		Faiı	-	Poor	Failing	
Category	A		В		С		D	E	
	·		Remarks /	Require	ements				
No remarks									
Data Collected By: Mr. Tayyab Designation: Tean			nation: Team N	Летber		Sian &	Junyah Date: 08 May 2023		
				Sign & Date: 00 May 2020					

1

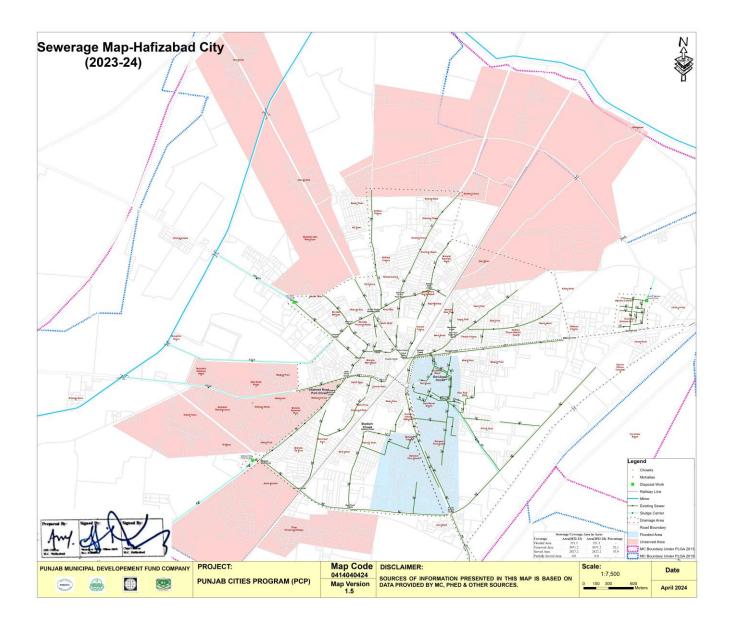
Data Checked By: Mr. M. Fiaz	Designation: Team Member	wanter	
		Sign & Date: 08 May 2023	

## 2. Sewerage





b) Map of Sewerage Network



## A. Sewerage Network

Sr #	Dia	Length (meter)	Age (Years)	Condition	Material	Book Value (PKR Mil)
1	9"	5207				0
2	12"	5609				0
3	15"	1788				0
4	18"	2484	48	Failing	RCC	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				4.56
11	12"	1901				1.235
12	15"	724				0.665
13	18"	1693	10	Foir		1.33
14	33"	191	18	Fair		0.19
15	36"	1250				1.425
16	42"	600				0.855
17	48"	99				0.285
18	9"	6255				5.035
19	12"	1226				1.33
20	15"	1279				1.82
21	18"	978				1.615
22	27"	686	8	Excellent		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 Comn	nittee Hafizabad						
Form: IDAMP-A6		Sewerage Netw Asset Condition Ass		Asset Code: Date: 05 May 2023					
Desci	ription	Area (A	Acres)	Percentage					
Serve	d Area	13		7	79				
Flood	ed Area	30	71	-					
	ved Area	35		2	1				
Type and numb received to	per of complaints MC regarding	89 complaints regarding sewerage blockage or over flow and manhol cover were received.							
	e system? ered by MC to								
-	e 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				
				2005					
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 0.600	<u>14</u> 7	2005 2005	18				
42	RCC	0.099			<u>18</u> 18				
48	RCC	0.099	1	2005	10				
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 / Re	equirements						
No remarks	5	1		-					
Data Collected B	Jung	d							

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

В.	Dispos	al Station									
		Age (Y	ears)			Nos.	Discharge				Book
Sr #	Name	Civil Structure	Pump	Condition	Status	of Pum p	Each (Cusec)	Motor hp	Pump Make	Motor Make	Value (PKR Mil)
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 Develop	ment and Ass	et Man	agem	ent Plan (ID	AMP)
	Mur	nicipal Commi	ittee Ha	fizaba	ad	
Form:	Sewer	age Disposal S	Station			Asset Code:
IDAMP-A7	Asset C	Date: 05 May 2023				
	Asset De	tail				Pictures
Name		Kolo Tarar				
Location	Latitude		32.07	73		
Location	Longitude		73.67			the second second second
Address		Kolo Ta			izabad	The P
Area (Acres)			3.5			
Installation Year			1982	2		
Capital Cost of Ma			26//			
<b>Outfall Drain Sewe</b>	r Dia r Matarial		36"			
	Material No. of Screens		RCC 2	•		- AND DECEMBER
Screening Chambe		Good	 Fair	.	Poor	
	Chamber Structure	3000	RCC		1 001	and the second s
	Number		1	•		GPS Mon Control Lite
	Shape	Rectangu		(	Circular	Kolo Tarar Road, Punjab, Pakistan Latitude Longitude
Wet Wells	Size		35'			32.0773° N 73.6750° E Local 11.11:10 AM Altitude 201.6 meters
	Structure	Masonr	γ		RCC	GMT 06:11:10 AM Monday, 05/08/2023
	Railing	Yes			No	
	No. of force mains					and and a state of the state of
	Dia				the state of the s	
Force Main	Material		lot-Ava	ilahlo	A STATE A STATE A	
	Starting Point	'	NOL-AVA	nabie	and the second	
	Ending Point					
	Length					
	Size		3'x5			
Sullage Carrier	Shape		Rectang	-		
	Length		346			
	Condition Dia	8″	Goo 12″		12"	
Delivery Pipe	Material	o Cl	CI		Cl	The second se
	Dia	8″	12"		12"	The second second
Suction Pipe	Material	Cl	CI		Cl	
	Sluice Valves		6		0.	
Number of Valves	Non-Return Valves		3			
	Penstock Valves		2			1 Quest Quest
Ultimate Disposal		Seep	age Dra	in (Sa	im)	
<b>Civil Structure Con</b>		Good	Fair	-	Poor	
Control Room Stru		Good	Fair	-	Poor	
Discharge Box Stru		Good	Fair	_	Poor	
Approach to Pump	House	Good Yes	Fair	•	Poor	Aller
-	Hoisting Girder				No	
Boundary Wall & C		Yes			No	
Treatment of Sewa		Yes			No	
	discharge in m <sup>3</sup> /day?		797	7		
Ultimate disposal of	e information at MC)	Seepage Drain (Saim)				4
on mate disposal o	Electro-Mechanical Ec		-	111 (58		
Number of WAPDA		aipment Det	alis 1			
	( ) CEUEIJ	1	1			

	Integrated D	evelon	ment and A	sset Man	agement	Plan (I	ΠΔΜΡ)		
Transformer Capa		evelop		100		1 1011 (1			1. Jan
Number of MCU				3	,		NUL	e Maler	1. /
Sanctioned Load (	kWb)			119	2			Carl La	
	rovement Equipm	ont	Yes	113	, No	<b>`</b>		THE	2.
Service Cable	Tovement Equipm		Yes		No				- Andrew
Power Wiring			Yes			No			
Earthing of Motor	•		Yes		No			ETO-	
Earthing of MCU			Yes		No	_		A A MARKEN	
-	ienerator Availability		Yes		No		1	0	* XB
Light Wiring of Pu	-		Yes		No		and and		
Change Over	•		Yes		No		100		
			Pump	Detail	-				
			Pum			Pump I	3	Ρι	Imp C
			Centrifug			ifugal/			ugal/ Non-
Pump Type			Clog		0	loggin	g		ogging
Pump Brand			KS	В		KSB			KSB
Pump Paint			Ро	or		Good		Ģ	iood
Motor Brand			Siem	ens	S	Siemens		Siemens	
Installation Year of	-		1982			2020		2020	
Discharge Capacit	<u> </u>		5			4		4	
<b>Rotational Speed</b>	(RPM)		950			950		950	
Head (ft.)			40			40		40	
Motor Power (HP)			60			50			50
Pump Daily Runni	ng Time (Hours)		6			6		6	
Base Plate			Yes	No	Yes		No	Yes	No
Number of	Sluice Valve			6					
Valves	Non-Returning V	alve	Ourse	Dation		3			
Average Score	1		2	l Rating			4		5
Average Score Asset Condition	Excellent		2 Good	Fa			4 Poor		Failing
Category	A		B				D		E
category	~		Remarks / R				<u> </u>		<b>E</b>
	ot working properly I need repairs								
Data Collected By: Mr. Tayyab			Designation: Team Member			Jungob			
						Sign a	& Date: (	08 May 20.	23
Data Checked By:	Mr. M. Fiaz		Designation: Team Lead			Martha			
						Sign & Date: 08 May 2023			

	Integrated Developme	nt and Asse	t Mar	agen	nent Plan (ID	DAMP)		
	Munici	pal Commit	tee Ha	afizak	bad			
Form: IDAMP-A7	Sewerage I Asset Condi	Disposal Sta				Asset Code: Date: 05 May 2023		
	Asset Detail			-		Pictures		
Name	Asset Detail	Mad	hrian '	Mala	Dead	Pictures		
Name	Latitude	Ividu			RUdu			
Location	ation Longitude		32.0569 73.6648					
Address	Longitude	Madhrian			, Hafizabad			
Area (Acres)		Wauman	vvaia 1		, 1181128080			
Installation Year			20	-		Carl Carl and President Street		
Capital Cost of Mac	hinerv		20	07		and the second second second second		
Outfall Drain	Dia		48	8″		A second s		
Sewer	Material		RC					
	No. of Screens		1					
Screening Chamber		Good	Fa	ir	Poor			
5	Chamber Structure		RC	C				
_	Number		2			GPS Map		
	Shape	Rectangu	ılar	(	Circular	Sukheke Road, Hafizabad, Punjab, Pakistan Latitude Longitude		
Wet Wells	Size		25	5′		32.0569* N 73.6648* E Local 21.57.58 AM Albitude 199.6 meters GMT 06:57:58 AM Monday. 05/09/2023		
	Structure	Masoni	ry		RCC			
	Railing	Yes			No			
	No. of force mains							
	Dia							
Force Main	Material		lot-Av	ailah	lo			
	Starting Point		IOL-AV	anau				
	Ending Point	_						
	Length					Ska AS		
	Size	4' x 6'						
Sullage Carrier	Shape		Rectangular			The second se		
Sunder Currier	Length		16,9			the distance		
	Condition	Good				1111 Martin		
Delivery Pipe	Dia	12"						
/ P-	Material		C					
Suction Pipe	Dia		12					
-	Material		<u> </u>					
	Sluice Valves		8					
Number of Valves	Non-Return Valves Penstock Valves		2			the sublice		
Ultimate Disposal	FEIISLOCK VAIVES	Soon	age D		Saim)			
Civil Structure Conc	lition	Good	Fage D		Poor			
Control Room Struc		Good	Fa		Poor			
Discharge Box Struc		Good	Fa		Poor			
Approach to Pump House		Good	Fa		Poor			
Hoisting Girder		Yes			No	A State Stat		
Boundary Wall & Gate		Yes			No	And the second se		
Treatment of Sewa		Yes			No	a second in the liter		
	ischarge in m <sup>3</sup> /day?			4.0				
	information at MC)		9,8	18				
Ultimate disposal o	-	Seep	age D	rain (	Saim)			
	Electro-Mechanical Equip							
Number of WAPDA	Feeders		1					

	Integrated	Devel	opment and	Asset	Manageme	nt P	lan (IDA	MP)			
Transformer Cap					100						
Number of MCU					4						
Sanctioned Load	(kWh)			1	148				1/1/100	and the second second	
	provement Equipm	nent	Yes			lo		Y	for the	Charl B	
Service Cable			Yes		Ν	No		11	1		
Power Wiring			Yes		No			15	1 14	Contra 1	
Earthing of Moto	or		Yes		Ν	No				Se Sig.	
Earthing of MCU		Yes		Ν	No		3 P		2018		
Generator Availa	bility		Yes		Ν	lo					
Light Wiring of P	-		Yes		Ν	lo					
Change Over			Yes		Ν	lo					
			Pum	np Deta	ail						
			Pump A	4	Pump E		Pu	np C	Pum	p D	
			Centrifug		Centrifug	al/	Centi	ifugal/	Centrifuga	al/ Non-	
Pump Type			Non-Clogg	ging	Non-Clogg	ing	Non-C	logging	Clogg	ging	
Pump Brand			KSB		KSB		ĸ	SB	KS	В	
Pump Paint			Good		Good		G	boc	Goo	bd	
Motor Brand			Siemens		Siemen	Siemens		mens	Siemens		
Installation Year	of Pump		2020		2020	2020		020	2020		
Discharge Capaci			4		4	-		4		4	
<b>Rotational Speed</b>	l (RPM)		950		950			950		950	
Head (ft.)			40		40			40	40	)	
Motor Power (HI			50		50		50		50	)	
Pump Daily Runn	ning Time (Hours)		6		6		6 Yes No		6		
Base Plate	Τ		Yes	Yes	Yes	Yes No		No	Yes	No	
Number of	Sluice Valve		8								
Valves	Non-Returning Va	alve	4 Overall Rating								
	-			all Rat	ing						
Average Score	1		2		3		-		-		
					-		4		5		
Asset Condition	Excellent		Good		Fair		Poo	r	Failin	g	
Asset Condition Category	Excellent A		Good B	Requi	Fair C		-	r l		g	
Category	A be is required.		Good	Requi	Fair C		Poo	r	Failin	lg	
Category  One new pip	A be is required. was stolen.		Good B		Fair C rements		Poo	Jugo	Failin E	g	
Category <ul> <li>One new pip</li> <li>Half Railing</li> </ul>	A be is required. was stolen. v: Mr. Tayyab		Good B Remarks /	n: Tear	Fair C rements	Si	Poo	te: 08 M	Failin E		

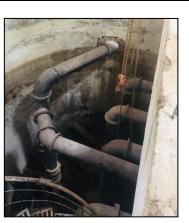
Integrated Development and Asset Management Plan (IDAMP)

**Municipal Committee Hafizabad** 

	Integrated	Development	and Asset	t Ma	nagement Pla	an (IDAMP)
Form:		rage Disposal				Asset Code:
IDAMP-A7		Condition Asse				Date: 05 May 2023
		t Detail		-		Pictures
Name	, 1000		Kasoki Disp	oosa		
	Latitude		32.047			
Location	Longitude		73.696			
Address		Sheikhu	ipura Roac	l, Ha	fizabad	
Area (Acres)			1			and the second se
Installation	<b>fear</b>		2015			
<b>Capital Cost</b>	of Machinery					
Outfall	Dia		60			Protection of the second se
Drain	Material		RCC			
Sewer						
Screening	No. of Screens		1			
Chamber	Screen Condition	Good	Fair		Poor	C GPS Mop
	Chamber Structure		RCC			Hafizabad, Punjab, Pakistan
	Number		2			Latitude Longitude 32.0478" N 73.6966" E
	Shape	Rectangu			Circular	Local 12:26:59 PM Altitude 206.2 meters GMT 07:26:59 AM Monday, 05/08/2023
Wet Wells	Size		35′			-
	Structure	Masonry	У		RCC	-
	Railing	Yes			No	
	No. of force mains		6			
	Dia	(4	x 12") + (2	x 18	3″)	and and the statement of the state
Force Main	Material		AC			
	Starting Point		Disposal St	atio	ו	
	Ending Point		Canal			The second second
	Length	<b>5</b> 1 <b>0 5</b> 1	1500′			
	Size	5' x 3.5'			1.5' x 2'	- A CONTRACTOR OF A CONTRACTOR OFTA CONTRACTOR
Sullage	Shape	Rectangu	lar	Rectangular		
Carrier	Length	3396			1831	
	Condition	Fair	0"		Fair	THE ASS TO AN
Delivery	Dia		<u>8"</u>			
Pipe	Material		CI 0″			
Suction	Dia		8"			-
Pipe	Material		CI			
Number of	Sluice Valves		12			
Valves	Non-Return Valves		6			
Illtimate Die	Penstock Valves		2	<u>م /د -</u>	im	
Ultimate Dis Civil Structur		Good	page Drair Fair	i (Sa	Poor	
Control Rooi		Good	Fair		Poor	
Discharge Bo		Good	Fair		Poor	
	Pump House	Good	Fair		Poor	
Hoisting Gird		Yes	Tan		No	
					No	
	Boundary Wall & Gate Treatment of Sewage				No	
	daily discharge in	Yes			110	1
m <sup>3</sup> /day?	any also also al					
-	ailable information at		6,546			
MC)						
· · ·	posal of wastewater?	Seepage Drian (Saim)				1
	Electro-Mechanica					1

Integrated	<b>Development and Asset Management Pla</b>	n (IDAMP)

Number of WAPDA Feeders	2				
Transformer Capacity (kVA)	20	00			
Number of MCU	ť	5			
Sanctioned Load (kWh)	32	20			
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			



Dumn Tyne	Pump F Centrifugal/ Non-Clogging
Pump TypeCentrifugal/ Non-CloggingCentrifugal/ Non-CloggingCentrifugal/ Non-CloggingCentrifugal/ Non-CloggingCentrifugal/ Non-CloggingCentrifugal/ Non-CloggingCentrifugal/ 	Centrifugal/
Pump TypeNon-Clogging	• ·
Pump BrandKSBKSBKSBKSBKSBPump PaintFairGoodGoodGoodFairMotor BrandSiemensSiemensSiemensSiemensSiemens	Non-Clogging
Pump PaintFairGoodGoodGoodFairMotor BrandSiemensSiemensSiemensSiemensSiemens	
Motor Brand         Siemens         Siemens         Siemens         Siemens	KSB
	Fair
Installation Vear of Pump 2015 2020 2020 2020 2020 2015	Siemens
	2015
Discharge Capacity 4 4 4 8 (Cusecs)	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 4 4 4 A Non-	Non-
(Hours) 4 4 4 4 Functional	Functional
Base PlateYesNoYesNoYesNoYesNo	o Yes N
Sluice Valve 12	
Number of Non- 6	
Valves Returning	
Valve	
Overall Rating	
Average Score12345	5
Asset Condition Excellent Good Fair Poor Faili	ling
Category A B C D E	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	

		ent Plan (IDAMP)				
		nd				
Form: IDAMP-A7		ge Disposal Indition Ass				Asset Code: Date: 05 May 2023
	Asset De	etail				Pictures
Name		Но	using (			
Location	Latitude		32.07			
	Longitude		73.71			_
Address		Housing			abad	4
Area (Acres)			0.5			and a star strength
Installation Yea			200	7		-
Capital Cost of I						-
Outfall Drain	Dia		18"			
Sewer	Material		RCC			
Screening	No. of Screens		Zero		_	
Chamber	Screen Condition	Good	Fai		Poor	
	Chamber Structure		RCC	-		
	Number		1	C.		
M - + M - 11-	Shape	Rectang			cular	
Wet Wells	Size	N 4	25'		<u> </u>	Or GPS Map Compare Lite
	Structure	Masonry RCC				Punjab, Pakistan
	Railing No. of force mains	Yes	1	r	١o	Latitude Longitude 32.0775° N 73.7191° E
.	Dia	12"				Local 12:52:41 PM Altitude 208.0 meters GMT 07:52:41 AM Monday, 05/08/2023
-	Material	AC				2 1 Salar State Jan State Stat
Force Main	Starting Point					
	Ending Point	Disposal				
-	Length	Broad Irrigation Not-Available				
	Size	IN	UL-AVA	liable		
Sullage	Shape					
Carrier	Length	N	ot-Ava	ilable		A A A COLORADO
Carrier	Condition					
	Dia		12"	,		
Delivery Pipe	Material		CI			
	Dia		12"	,		
Suction Pipe	Material		CI			
	Sluice Valves		2			
Number of	Non-Return Valves		1			A CONTRACTOR OF A CONTRACTOR
Valves	Penstock Valves		2			- And
Ultimate Dispos			Fiel	d		
Civil Structure C		Good	Fai		Poor	
Control Room Structure		Good	Fai		Poor	
Discharge Box Structure				rge Box		
Approach to Pump House		Good Fair Poor				
Hoisting Girder	Hoisting Girder		Yes No		0	
Boundary Wall & Gate		Yes		N	0	
Treatment of Se	ewage	Yes		N	0	Silah - Con
Wastewater da	ily discharge in					
m <sup>3</sup> /day? (based on availa MC)	able information at	767				
	al of wastewater?		Fiel	d		1

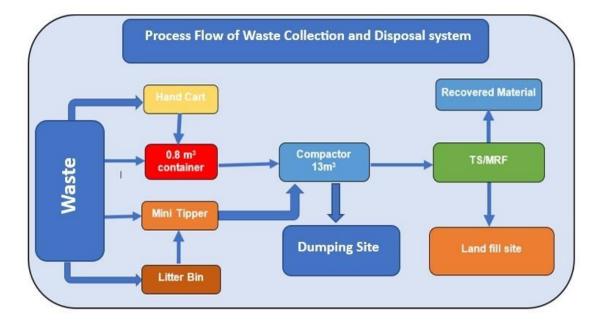
	Integra	ted De	agement Plan (II	DAMP)					
	Electro-Mechar								
Number of V	VAPDA Feeders			1		the second s			
	Capacity (kVA)			50		PRAYAR IN THE PRAY			
Number of N				1					
Sanctioned L				30					
	r Improvement				1				
Equipment	rimprovement		Yes	No	a partie				
Service Cable			Yes	No		A. STATISTICS			
Power Wirin	-		Yes						
Earthing of N			Yes						
Earthing of N			Yes		ACCESS OF				
Generator A	-		Yes		El ans	1/0/			
	of Pump House		Yes						
Change Over	•		Yes						
				Pump Detail					
				-	Pump A				
Pump Type				Ce	ntrifugal/Non-Cl	ogging			
Pump Brand					KSB				
Pump Paint					Fair				
Motor Brand	-		Siemens						
	ear of Pump		2007						
	pacity (Cusecs)			2.5					
<b>Rotational S</b>	peed (RPM)		950						
Head (ft.)				40					
Motor Powe					40				
Pump Daily	Running Time (Hou	urs)			3				
Base Plate				Yes	No				
Number of	Sluice Valve				2				
Valves	Non-Returning V	alve			1				
				<b>Overall Rating</b>					
Average Sco	re 1		2	3	4	5			
Asset	E		<b>C</b>	E - lu	Deser	<b>F</b> = 11 · · · ·			
Condition	Excellent		Good	Fair	Poor	Failing			
Category	Α		В	С	D	E			
			Rem	arks / Requirem	ents				
Screen	achinery is require Chambers are in ve vas no discharge bo	ery po	or Conditic	n					
Data Collected By: Mr. Tayyab			Designati Member	on: Team	Juy Sign & Date: 08	усь Мау 2023			
Data Checked By: Mr. M. Fiaz			Designation: Team Lead			yhy-			
			1		Sign & Date: 08	May 2022			

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	Fair Functional		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

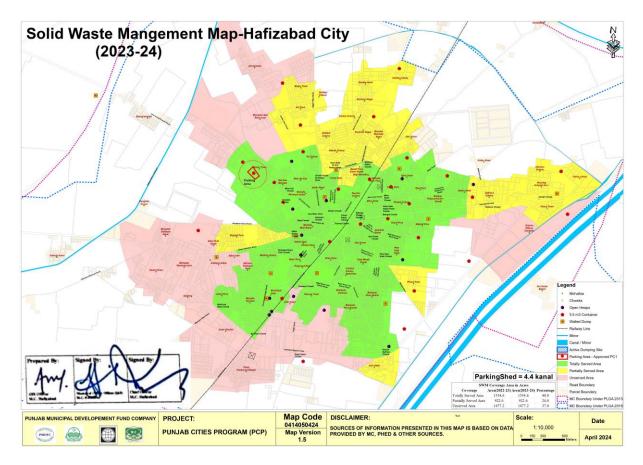
Integrated Development and Asset Management Plan (IDAMP)							
Municipal Committee Hafizabad							
Form:		Moveable A		Code:			
IDAMP-A16		Asset Condition As	sessment		ate: 05 May 2023		
Type of V	ehicle / Mach	inery		Pictures			
	ker Machine						
Mode	l / Descriptio	n		alan Alter	1		
Nissan/App	lied for Regist	tration					
Capacity			4500 Liters				
Purpose			Sewerage				
Year of			2014				
Manufacturing			-				
Model			PKB 211				
Capital Cost Fuel Consumption			935 Liter/mon	+h			
Condition			Fair	un			
Engine Capacity			3400 CC				
Maintenance Cost			70,000				
Oiling /Fitness			Yes				
Fitness Certificate			No				
Registered			No				
		Overal	Rating				
Average Score	1	2	3	4	5		
Asset Condition	Excellent	Good	Fair	Poor	Failing		
Category	А	В	С	D	E		
		Remarks / R	equirements				
No remarks							
Data Collected By: Mr. Tayyab Designation: Tea			m Member	Juy Sign & Date: 08 N	Д Лау 2023		
Data Checked By: Mr.	Data Checked By: Mr. M. Fiaz Designation: Tea			white	nz		
				Sign & Date: 08 N	/lay 2023		

#### 3 Solid Waste Management

a) Flow Chart of Solid Waste Collection and Disposal System



#### b) Map of Solid Waste System



Α.	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

	Int	egrated D	evelo	pment And	Asset Ma	nageme	ent Plan (IDAMP)			
			Mu	unicipal Co	mmittee H	afizabad	d			
Form: IDAMP-A11				Vaste Dum ondition As			Asset Code: Date: 05 May 202			
Name		-		ttha Site 3			Pictures			
	tude	Cita		32328			Tietares			
Location ——	gitude		73.75							
Lon	Bruuc	Gu		ala Road,	- 6			89428/1		
Address		00	•	abad				MAK		
Area (Acres)				2	13er		Carlos Anna Alexandre	Il marke and		
Distance from ur	ban area			- Km			and the second			
Year the site star					1		and the second of			
dumping service			20	10		A Start		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Average waste d	umped						Charles Brites	Contration of the state of the		
daily	•		NF 20 7	Faall						
(based on inform	nation	2	25-30 I	Frolleys		The Party		GPS Map Camera		
provided by MC)							Hafizabad, Punjab, Paki			
EHS SOPs for was	ste	Yes		No			Gujranwala Rd, Hafizabad, Lat 32.081505°	Fulljab, Fakistall		
handlers		165		NU		da	Long 73.753887°	COULT PAR AND		
Availability of PP	Es for	Yes		No	500	gie	08/05/23 01:29 PM GMT +	05:00		
waste collectors	/handlers	103		NO	Selon Selon	Re Wage	SANDER D	AT A POLY		
Expected Life (Ye	ears)		2-	-3						
Land Ownership			State		and					
Site Accessibility			OK							
Surface Type		Flat		Depresse	d					
Approach Road C	Condition	Good	Fair		r 🔤					
Parking Shed		Yes		No	A.					
Boundary Wall		Yes		No	Re-	C CPS				
Gate		Yes		No			Hafizabad, Punjab, Paki			
Ramps	· · -	Yes		No			Gujranwala Rd, Hafizabad, Lat 32.082412°	Punjab, Pakistan		
Any Building at S	ite	Yes		No			Long 73.753543°			
Weigh Bridge		Yes		No	Goo	gle	08/05/23 01:29 PM GMT +	05:00		
Earth Cover Arra	-			No						
Compaction Equi Plantation Arour		Yes Yes		No No	—					
Any illegal occup		res		INO						
encroachments of		Yes		No						
if yes, type	//////////////////////////////////////	165		NO						
				Over	all Rating					
Average Score	1			2	3		4	5		
Asset Condition	Excel	lent	G	iood	Fai	r	Poor	Failing		
Category	A			В	С		D	E		
				Remarks /	Requirem	nents				
There is no proper landfill site in MC Hafizabad										
					oosal of so	lid wast	e to protect the en	vironment.		
Data Collected By: Mr. Tayyab			-	nation: Tea			Jun	do		
			Cian & Data: 00 May 2022				May 2023			
						Sign & Date: 08 N	Лау 2023			

Data Checked By: Mr. M. Fiaz			Designation:	: Team Lea	d	white		
						Sign & Date:	08 May 20.	23
В.	Vehicles/ Mach	-						
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 (	Comm	ittee Ha	fizabad				
Form: IDAMP-A16	Moveable AssetAsset Code:Asset Condition AssessmentDate: 05 May 202								
Type of Vehicle / Machinery		Pictures							
Tractor					CH YOU				
Registration No.	MCH-385/2	MCH-640/2	MC	H-450	MCH-24	10/4	MCH-240/	5 MCH-385/1	
Purpose	SWM	SWM		WM	SWN		SWM	SWM	
Year of Manufacturing	2014	2000	1	.965	1980	C	1980	2002	
Model	MF 385	FIAT 640	FIA	T 450	MF 24	40	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	-	5HP	50H		50HP	85HP	
Maintenance Cost	50,000	50,000		0,000	100,0		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	
De sistuation No.			MC	1 2 4 0 / 2		10/1		1	
Registration No.	MCH-240/3	MCH-240/1		1-240/2	MCH-64		MCH-300/	1	
Purpose Year of Manufacturing	SWM 1980	SWM 1980		WM .980	SWN 1970		SWM 2005		
Model	MF 240	MF 240	М	F 240	FIAT 6	40	Not Available		
Capital Cost									
Fuel Consumption	642	750		611	704		324		
Condition	Fair	Fair		Fair	Non Functio	onal	Fair		
Engine Capacity	50HP	50HP	5	OHP	85HP		80HP		
Maintenance Cost	100,000	100,000		0,000	Availat		20,000		
Oiling /Fitness	Yes	Yes		Yes Y			Yes		
Fitness Certificate	No	No		No No			No		
Registered	Yes	Yes		Yes	Yes		Yes		
			verall	Rating				_	
Average Score	1	2			3		4	5	
Asset Condition	Excellent	Good			air		Poor	Failing	
Category	A	В			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: N	lr. Tayyab	Designation: Team Member	Sign & Date: 08 May 2023						
Data Checked By: Mi	r. M. Fiaz	Designation: Team Lead	Sign & Date: 08 May 2023						

l	ntegrated D	evelopment	and Asset N	lanagement	Plan (IDAMI	P)							
		Municipa	l Committee	Hafizabad									
Form: IDAMP-A16			eable Asset lition Assess	ment		Asset Code: Date: 0	5 May 2023						
Type of Vehicle / Machinery				Pictures									
Mini Truck & Rickshaw													
Faw Carrier         Rickshaws           Durnees         SWAA         SWAA													
Purpose	SWM	SWM	SWM	SWM	SWM	SWM	SWM						
Year of Manufacturing	2014	2014	2016	2016	2016	2016	2016						
Model	A1024V A1024V Not Not Not Not Not Not Available Availabl												
Capital Cost													
Fuel Consumption (Liter/month)	336	400	82	81	84	85	84						
Condition	Fair	Fair	Fair	Fair	Fair	Fair	Fair						
Engine Capacity Maintenance Cost	960 CC 15,000	960 CC 18,000	150 CC 20,000	150 CC 20,000	150 CC 20,000	100 CC 20,000	100 CC 20,000						
(Monthly) Oiling /Fitness	Vac	Vac	Vac	Vac	Vac	Vec	Vac						
Fitness Certificate	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No	Yes No						
Registered	MCH 01	MCH 02	MCH 01	MCH 02	MCH 01	MCH 02	MCH 01						
Registered	WICHTUI		Overall Ratin	I	WICHTUI	WICH 02	Merror						
Average Score	1		2	3	4		5						
Asset Condition	Exceller	nt G	iood	Fair	Poc	or	Failing						
Category	A		В	С	D		E						
No remarks		Rema	<mark>rks / Require</mark>	ements									
Data Collected By: Mr.	Таууаb	Designatic	on: Team Me	mber	Sign & Dat	<u>фицу</u> ф e: 08 May 2	023						
Data Checked By: Mr. I	M. Fiaz	Designatic	on: Team <b>Lea</b>	d	N.	Puppy							
					Sign & Dat	e: 08 May 2	023						

		Registration Number		Age				Book Value
Sr #	Name		Quantity	(Years)	Condition	Status	Capacity	(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	70сс	0.09
34	Garbage container 0.8 cubic meters capacity	Not Available	350	1	Excellent	Functional	0.8 cubic meters	0.06

# 4. Building

Α.	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 De	velopment an	d Asset Mana	igement	Plan (IDAMP)	
			Municipal S	ervice Unit Ha	afizbad		
Form:			Build	ling		Asset	Code:
IDAMP-A	14	A	sset Condition	n Assessment		D	ate: 05 May 2023
Name			MC (	Office		Pictures	
Location	Latitu	de	32.07	71262			
Location	Longit	ude	73.68	37108	Ĩ		ATTREE
Address			Ketchary Roa	ad, Hafizabad	- The second		
Year of Const	tructio	n	20	06			
Land Area (A	cres)		0.	73			
No. of Storie	S			1			
Condition				od	-	No Contraction	GPS Map Camera
Purpose				Office		Hafizabad, Punjab, P 3MCP+GR4, Ketchary Rd,	akistan Hafizabad, Punjab, Pakistan
No. of Staff				.2	Zata A	Lat 32.071262° Long 73.687106°	
No. of Room			-	0	Google	08/05/23 10:13 AM GMT +	-05:00
Conference/	Meetii	ng Room	Yes	No	- CALLER CALL		
Store Room			Yes	No		A STATE OF A	
Study Room/		Shelf	Yes	No			
Boundary Wa			Yes	No			The second second
	oling	Arrangement	Yes	No			
Parking Lots			Yes	No			
Drinking Wat			Yes	No		6	
-		ality of water					
-	ailable	e water quality	Yes	No			
test reports)	10		N		000000000		
Washrooms			Yes	No	24		
Separate Wa			Yes	No			
Prayers Area	/room		Yes	No			
Furniture		/Fama Eta \	Yes	No	-	1.8	
Electric Appli			Yes	No	-	T	
Machinery &	Equip	ment	Yes	No			
Sports Club		(ctom)	Yes	No	1 4		
Staff Attenda			Yes	No		- ALA	
Emergency A		n / Equipment	Yes	No			
			Yes	No	Sorte 14		LED 6 6782
gate	neel Cl	hairs at entry	Yes	No			
Security Gua	rd		Yes	No	任代日	THE VIE	
Park/lawn/o		r/indoor		NU		LETTER NO	
plantation		.,	Yes	No			
Plantation			Ov	erall Rating			
Average Sco	re	1	2	3		4	5
Average Sco							
Condition		Excellent	Good	Fa	ir	Poor	Failing
Condition							1

	Integrated De	evelopment and As	set Management	Plan (IDAMP)									
Municipal Service Unit Hafizbad													
Form:		Building		Asset	Code:								
IDAMP-A14		Asset Condition Ass	essment	Da	ate: 05 May 2023								
Category	Α	В	С	D	E								
Remarks / Requirements													
No remarks													
Data Collected By:	Mr. Tayyab	Designation: Tear	n Member	Juny Sign & Data: 08	400								
Data Checked By: I	Mr. M. Fiaz	Designation: Tear	n Lead	Sign & Date: 08 M Sign & Date: 08 M	hy								

### 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 IDAM							Ass	Shop et Condition As	sessment				Asset Code: Date: 05	May 2023
SR.	SR.     Shop Code     Property Address     Latitude     Longitude     Area (Sqft)     No of Stories     Property Location Status     Ownership Status     Encroachme nt Status     Litigation Exist     Current Status     Condition     Tenant Name     Business													

	Integrated Development and Asset Management Plan (IDAMP)													
							Municipal Commit	tee Hafizabad						
Form IDAM	-						Ass	Shop set Condition As	sessment			Asset Code: Date: 05 May 2023		
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachme nt Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
1	51019	General Bus Stand Gujranwala Road	32.0710693	73.6945460 6	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	73.6945769 3	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	73.6945281 6	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	73.6946440 9	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Mohamma d Mohsin Naseer	Auto Spare Parts
5	51012	General Bus Stand Gujranwala Road	32.07081802	73.6946160 3	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhamma d Asif	Auto Spare Parts
6	51024	General Bus Stand Gujranwala Road	32.07076463	73.6946821 2	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	73.6948041 9	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Habib Rizwan	Auto Spare Parts
8	51021	General Bus Stand	32.07100038	73.6946525 5	102	2	Commercial	Not Owned/ But	No	No	Rented/ Leased	Good	Qamar abbas	Auto Spareparts

	Integrated Development and Asset Management Plan (IDAMP)														
							Municipal Commit	tee Hafizabad							
Form IDAM					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	Encroachme nt Status	Litigation Exist	Current Status	Condition	Tenant Name	Business	
		Gujranwala Road						Managed							
9	51003	General Bus Stand Gujranwala Road	32.07116108	73.6945398 2	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	73.6945769 1	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Poor	Muhamma d Rafique	Auto Workshop	
11	51022	General Bus Stand Gujranwala Road	32.07090567	73.6945979 1	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	73.6946369 9	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Ali	Auto Workshop	
13	51014	General Bus Stand Gujranwala Road	32.0707854	73.6946736 9	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Khalid	Auto Workshop	
14	51017	General Bus Stand Gujranwala Road	32.07153753	73.6946167 9	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhamma d Iqbal	Auto Workshop	
15	52002	Al-Makkah Market Near Masjid Soobay Daar	32.06931188	73.6889141 1	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Abdul Majeed	book Goodam	

	Integrated Development and Asset Management Plan (IDAMP)														
							Municipal Commit	tee Hafizabad							
Form IDAM					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	Encroachme nt Status	Litigation Exist	Current Status	Condition	Tenant Name	Business	
		wali													
16	51005	General Bus Stand Gujranwala Road	32.07135927	73.6945747 3	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	73.6882488 9	18	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhamma d Hussnain	Cloth House	
18	50009	Al-Faisal Bazar Gujranwala Road	32.07131034	73.6882245 8	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	73.6882196 8	29	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhamma d Saeed	cloth house	
20	52020	Al-Makkah Market Near Masjid Soobay Daar wali	32.06947655	73.6884657 8	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhamma d Ali	Cloth Shop	
21	50011	Al-Faisal Bazar Gujranwala Road	32.07129385	73.6882967 1	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	73.6946158 8	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhamma d Raiz	Cold Corner	

	Integrated Development and Asset Management Plan (IDAMP)														
							Municipal Commit	tee Hafizabad							
Form IDAM							Ass	Shop set Condition As	sessment			Asset Code: Date: 05 May 2023			
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachme nt Status	Litigation Exist	Current Status	Condition	Tenant Name	Business	
		Road													
23	52025	Al-Makkah Market Near Masjid Soobay Daar wali	32.06943928	73.6883599 7	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Jamsheed	Crocery Store	
24	50004	Gujranwala road Near Masjid Tayba	32.07134002	73.6905317 8	143	2	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Fair	Ghulam Abbas	Dental Clinic	
25	51002	General Bus Stand Gujranwala Road	32.07122098	73.6946115 7	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	73.6818802 9	84	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Safdar	electrician	
27	51010	General Bus Stand Gujranwala Road	32.07079095	73.6945314 2	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	73.6886529 7	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Haji Mian Shehroze	Empty	

					Inte	egrated Dev	elopment and Asse	t Management F	Plan (IDAMP)					
							Municipal Committ	ee Hafizabad						
Form IDAM							Ass	Shop et Condition Ass	sessment				Asset Code: _ Date: 05	May 2023
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachme nt Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
29	52011	Al-Makkah Market Near Masjid Soobay Daar wali	32.06936202	73.6886374 8	63	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Shikmi Abid Hussain	Empty
30	Gujranwala     Gujranwala     Gujranwala     Gujranwala     Gujranwala     Gujranwala     Gujranwala     Gujranwala     Gujranwala     Leased       Road     General Bus     Gujranwala     Gujranw											Poor	Ali Hamza	Gas Egency
31	51008	General Bus Stand Gujranwala Road	32.07142632	73.6944564 7	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	73.6884061 2	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhamma d Imran	General Store
33	52019	Al-Makkah Market Near Masjid Soobay Daar wali	32.0693674	73.6884954 6	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Nadeem	Godam
34	Al-Makkah Market Near 4 52013 Masiid 32.0693515 73.6886059 63 2 Commercial But No No No										Rented/ Leased	Fair	Asif Naeem	Godown
35	24001	Qabrastan road MOh:	32.06636987	73.6853331 9	240	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Arshad	Green Fodder(Cha

					Inte	egrated Dev	elopment and Asse	t Management I	Plan (IDAMP)					
							Municipal Commit	tee Hafizabad						
Form IDAM							Ass	Shop set Condition As	sessment				Asset Code: _ Date: 05	May 2023
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachme nt 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	73.6887658 3	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Sajad	Karyana Store
38	55001	Kolo Road Opposite DHQ Hospital	32.07319179	73.6799036 2	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	73.6922098 7	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	73.6889310 6	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	muhamma d Nadeem	Makki Furit Chatt
41	52024	Al-Makkah Market Near Masjid Soobay Daar wali	32.06943545	73.6883768 5	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Zahoor Ahmad	Meat Shop

					Inte	egrated Dev	elopment and Asse	t Management I	Plan (IDAMP)					
							Municipal Committ	tee Hafizabad						
Form IDAM							Ass	Shop set Condition As	sessment				Asset Code: Date: 05	
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachme nt Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
42	39001	Moh: Hussain pura near Water Filtration plant	32.06956546	73.6817681 6	84	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Shakmi Riasat Ali	Meat Shop
43	Moh: Hussain pura Near 73 6818495 Not Owned/ Rented/										,	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	73.6919456 6	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	73.6898209 6	120	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Poor	Aftab Ahmad	Milk Shop
47												Good	Sajjad Hussain	Mobil Oil Shop
48	50005	Gujranwala road Near Masjid Tayba	32.07132935	73.6905667 2	143	2	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Fair	Muhamma d Iqbal	Mobile Shop

					Int	egrated Dev	elopment and Asse	t Management I	Plan (IDAMP)					
							Municipal Committ	ee Hafizabad						
Form IDAM							Ass	Shop et Condition As	sessment				Asset Code: _ Date: 05	May 2023
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachme nt Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
49	51009	General Bus Stand Gujranwala Road	32.07085684	73.6943866 3	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhamma d Talha	Mobile shop
50	50001	Gujranwala road near masjid Tayyba	32.07132172	73.6904947 3	143	2	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Fair	Abubakar	Optical Service
51	50007	Gujranwala road Near Masjid Tayba	32.07130637	73.6905746 8	143	2	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Fair	Malik Tariq Mehmood	Paint Store
52	50002	Gujranwala road Near Masjid Tayba	32.07129671	73.6905189 3	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	73.6887530 7	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhamma d zaman	plastic Bag
54	52008	Al-Makkah Market Near Masjid Soobay Daar wali	32.06933967	73.6887511 2	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhamma d zaman	plastic Bags Shop
55	50006	Gujranwala road Near Masjid Tayba	32.07132405	73.6906050 3	143	2	Commercial	Owned/ Managed	No	Yes	Rented/ Leased	Fair	Muhamma d Yousaf	plastic store
56	52031	Timber Market Primary School No.5	32.05855428	73.6923631 9	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Gulam Murtaza	Rasturant

					Inte	egrated Dev	elopment and Asse	t Management I	Plan (IDAMP)					
							Municipal Commit	tee Hafizabad						
Form IDAM							Ass	Shop set Condition As	sessment				Asset Code: Date: 05	
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachme nt Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
		Kasoki Road												
57		Timber Market Primary School No.5 Kasoki Road	32.05853189	73.6924109 9	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	73.6924514 2	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Muhamma d Irfan	seal
59		Timber Market Near School No.5 Kasoki road	32.05848882	73.6923219 8	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Muhamma d Irfan	Seal
60		Timber Market Near Primary School No.5 Kassoki Rd	32.05833206	73.6925285 9	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Khan Muhamma d	Seal
61	52021	Al-Makkah Market Near Masjid Soobay Daar wali	32.06939704	73.6884593 4	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Ghulam Muhamma d	Seal
62	52023	Al-Makkah Market Near Masjid Soobay Daar	32.06938259	73.6883616 6	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Abdul Latif	Seal

					Int	egrated Dev	elopment and Asse	t Management I	Plan (IDAMP)					
							Municipal Commit	tee Hafizabad						
Form IDAM							Ass	Shop set Condition As	sessment				Asset Code: _ Date: 05	May 2023
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachme nt Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
		wali												
63		General Bus Stand Gujranwala Road	32.07072384	73.6946152 9	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Seal	Seal
64		General Bus Stand Gujranwala Road	32.07078077	73.6947655 7	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	seal	seal
65		General Bus Stand Gujranwala Road	32.07077598	73.6948545 6	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Seal	Seal
66		General Bus Stand Gujranwala Road	32.0707269	73.6944797 8	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Seal	Seal
67	50003	Gujranwala road Near Masjid Tayba	32.07131383	73.6905153 8	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	73.6888002 9	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhamma d Abdul Gafoor	shoping Bag
69	52006	Al-Makkah Market Near Masjid	32.06930593	73.6887905 3	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhamma d abdul gafoor	shoping Bag

					Inte	egrated Dev	elopment and Asse	t Management I	Plan (IDAMP)					
							Municipal Commit	tee Hafizabad						
Form IDAM							Ass	Shop set Condition As	sessment				Asset Code: _ Date: 05	May 2023
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachme nt Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
		Soobay Daar wali												
70	52003	Al-Makkah Market Near Masjid Soobay Daar wali	32.06931814	73.6888386 7	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	73.6888358 4	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	muhamma d Ishaq	Shose shop
72	52032	Timber Market Primary School No.5 Kasoki Road	32.05878095	73.6922242 3	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Mohamma d Abrar	Steel decoration
73	52035	Timber Market Primary School No.5 Kasoki Road	32.05835984	73.6924832 4	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	73.6885652 9	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	73.6886546 3	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Asif Naeem	Sweet shop

					Inte	egrated Dev	elopment and Asse	t Management F	Plan (IDAMP)					
							Municipal Commit	ee Hafizabad						
Form IDAM							Ass	Shop et Condition Ass	sessment				Asset Code: Date: 05	
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachme nt Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
		Soobay Daar wali												
76	52018	Al-Makkah Market Near Masjid Soobay Daar wali	32.06943008	73.6885208 3	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	73.6818835 5	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	73.6878931 5	143	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	ljazz Ahmad	Tea Stall
79	52028	Timber Market Near Primary School No.5 kasoki road	32.0584422	73.6924545 7	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	73.6924449 7	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	73.6924754 5	154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Faisal Manzoor	Timber shop

					Int	egrated Dev	elopment and Asse	t Management I	Plan (IDAMP)					
							Municipal Commit	tee Hafizabad						
Form IDAM	: P-A17						Ass	Shop set Condition As	sessment				Asset Code: Date: 05	
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachme nt Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
		kasoki road												
82	52030	Timber Market Primary School No.5 Kasoki Road	32.05850283	73.6923987 2	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	73.6887070 5	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	73.6885287 8	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	73.6885094 1	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhamma d Itfad	Toy shop
86	51011	General Bus Stand Gujranwala Road	32.07081379	73.6945813 5	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Faisal Ahmad	Tyre Shop
87		General Bus Stand Gujranwala Road	32.07114774	73.6945244 8	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Poor	Vacant	Vacant

					Inte	egrated Dev	elopment and Asse	t Management I	Plan (IDAMP)					
							Municipal Committ	ee Hafizabad						
Form IDAM							Ass	Shop et Condition As	sessment				Asset Code: _ Date: 05	May 2023
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachme nt Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
88		General Bus Stand Gujranwala Road	32.07117731	73.6945012 6	204	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Poor	vacant	vacant
89		General Bus Stand Gujranwala Road	32.07076618	73.6945081 1	120	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Vacant	vacant
90		General Bus Stand Gujranwala Road	32.0711898	73.6945340 2	102	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Poor	Vacant	vacant
91	Stand         32.0711898         73.694           Gujranwala         2				154	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Fair	Zaigham Ali	Wailding Shop
92	51025	General Bus Stand Gujranwala Road	32.07076592	73.6947215 8	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	73.6885331 8	63	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Fair	Muhamma d Naem	zarry house
Avera	ige Score		1			2			3			4		5

					Int	egrated Dev	elopment and Asse	t Management I	Plan (IDAMP)					
							Municipal Committ	ee Hafizabad						
Form IDAM	AMP-A17 Asset Condition Assessment													May 2023
SR.	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachme nt Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
	Asset ndition		Excellent			Goo	d		Fair		F	Poor	Fai	iling
Ca	tegory		Α			В			с			D		E
		Data Collected	d By: Mr. Tayyab	)			Designo	ntion: Team Mer	nber		Ŕ	sugget		
												Sign & Date:	08 May 2023	
		Data Checkea	l By: Mr. M. Fiaz				Designo	ation: Team Mer	nber		M.	puppy		
												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 I	Developme	ent and As	sset Manag	ement Plar	n (IDAMP)		
					nittee Hafiz				
Form: IDAMP-A15			Slaughterhouse Asset Condition Assessment				Asset Code: Date: 05 May 2023		
Name				ughter Ho			Pictures		
Location Longitude		e	32.0723						
		de	73.6589						
Address			Kolo Road, Hafizabad		zabad		artigingen solts	I A A A A A A A A A A A A A A A A A A A	
Year of Construction			2006						
Total Area (Acr	es)		0.775						
Ownership			MC						
Slaughter	Larger	Animals	N	ot-Availab	le				
Capacity (Per Day)	Smalle	er Animals	N	ot-Availab	le				
Supervisor			Yes		No				
Doctor's Room			Yes		No				
Inhabitation Fa			Yes		No				
Slaughtering Ha	all		Yes		No	- Anna -	O GP Comer		
Evisceration Ha	all		Yes		No		Punjab, Pakistan		
Meat Cutting R	oom		Yes		Latitude NO 32.0723° N				
Blood Collectio	n Arra	ngements	Yes		No		Local 11:43:53 AM Altitude 201.3 meter GMT 06:43:53 AM Monday, 05/08/2023		
Skin Storage Ro	oom		Yes		No				
Tools Disinfectant System			Yes		No				
Health and Hygiene SOPs			Yes		No				
Refrigeration /	Storag	e System	Yes No			*			
Separate Facility for Sick Animals		Yes		No					
Water Supply System		Yes		No			ST.		
Drainage & Dis	posal F	acility	Yes		No		States and Streemen and	and an and the second second	
Solid Waste Co	llection	n Facility	Yes		No				
Boundary Wall & Gate		Yes No			att att att a	Contraction of the second			
Approach Road Condition		Good	Fair	Poor		1 the C	and the second		
Civil Structure Condition		ion	Good	Fair	Poor		1 - Starting -		
				Overal	Rating				
Average Sco	re	1	2		3		4	5	
Asset Conditi	on	Excellent	Go	od	Fai	r	Poor	Failing	
Category		А	B C			D	E		
			Re	marks / R	equiremen	ts			
No remark	ks								
Data Collected By: Mr. Tayyab			Designation: Team Member				Jungol		
						9	Sign & Date: 08 May 2023		

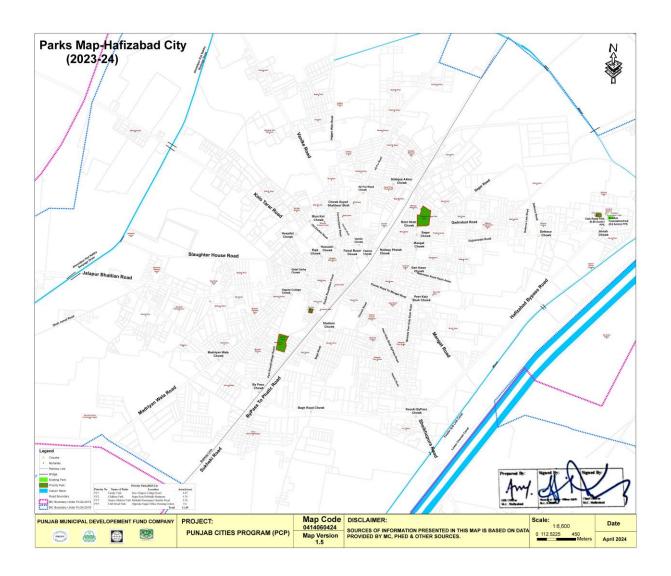
Data Checked By: Mr. M. Fiaz	Designation: Team Member	with
		Sign & Date: 08 May 2023

в.	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

	Integra	ated Develo	pment and Asset	Management Plan (IDAMP)
		Μ	unicipal Committe	· · · · · · · · · · · · · · · · · · ·
Form	-		Bus Stand	Asset Code:
IDAMP-/	A12	1	Condition Assessm	
Name		General Bus Stand		Pictures
Location -	Latitude	32	2.071566	
	Longitude	73.694933		
Address		Gujranwala Road,		
Year of Const		Н	afizabad 1988	
Last Major Re	enovation	NO	-Available	
Area (Acres)			0.75	
Ownership			ate Land	GPS Map Camera Hafizabad, Punjab, Pakistan
Class	r	A B	C D	Kasoke Rd, Hafizabad, Punjab, Hafizabad, Punjab,
Designed	Buses		-Available	Pakistan Lat 32.069065°
Capacity of	Coasters		-Available	Google Long 73.689033° 09/05/23 03:30 PM GMT +05:00
Vehicles	Wagons	Not	-Available	
Daily parking of	Buses	6-8 (Shade)	10-12 (Open)	
vehicles (based on	Coasters		20	
information provided by	Wagons		70	
MC)	Rickshaws	Not-Available		
Distance from	n the urban area		1 KM	
Security	At Entry	Yes	No	GPS Map Camera Hafizabad, Punjab, Pakistan
occurry	At Exit	Yes	No	General Bus Stand, Gujranwala Rd, Hafizabad, Punjab, Pakistan Lat 32.071666°
Gate	At Entry	Yes	No	Long 73.694933°
Jac	At Exit	Yes	No	300gle 08/05/23 12:07 PM GMT +05:00
Waiting	Men	Yes	No	
Area	Families	Yes	No	
Washinger	Male	Yes	No	
Washroom	Female	Yes	No	
Prayer	Male	Yes No		
Room	Female	Yes No		
Administratio	on Office	Yes No		
Parking Stand	Rickshaw	Yes	No	GPS Map Camera
_	Cars	Yes	No	Hafizabad, Punjab, Pakistan Kasoke Rd, Hafizabad, Punjab, Hafizabad, Punjab,
Fuel Outlets		Yes	No	Pakistan Lat 32.069065°
Reception Desk		Yes	No	Long 73.689033°
Ticketing System		Yes	No	09/05/23 03:30 PM GMT +05:00
Tuck Shop		Yes	No	

		Integra	ted Develo	opment and	Asset N	/lanageme	nt Plan (IDAMP)		
				unicipal Co					
Form	-			Bus Stan			1	Asset Code:	
IDAMP-/	412		Asset	Condition A	ssessme	nt		Date: 05 May 2023	
Workshop			Yes	No		AL.		11	
Ablution Are	а		Yes	No					
Pedestrian			Yes	No				Comment of Contraction	
Green Spaces	5		Yes	No	No				
Water Drinki	ng Arran	gement	Yes	No		- 4	The second second	and the second	
Water Disposal Arrangement			Yes	No			(house ) the second	Transa and the second	
<b>Boarding She</b>	d		Yes	No		1 1 5 2.		19 22 6 3	
Workshops			Yes	No			L MAR MORTHWILL	E BENETTE	
Lighting			Yes	Fair				1 35 1 2 5 1 2 5 T	
Boundary Wa	all		Yes	No		(ASIENCE AN		GPS Map Camera	
	Туре		Br	ick Soiling			Hafizabad, Punjab, Pakistan Kasoke Rd, Hafizabad, Punjab, Hafizabad,		
Flooring & Pavement	Conditio	on	Good	Fair	Poor	Google	Punjab, Pakistan Lat 32.069065° Long 73.689033° 09/05/23 03:31 P	States and the second	
				Ove	rall Rati	ıg			
Average Sco	ore	1		2		3	4	5	
Asset Condit	ion	Excellent	(	Good	Fair		Poor	Failing	
Category		Α		В	С		D	E	
				Remarks	/ Requir	ements			
• There w	tlet 1 KM as Mosq Prinking a	ue	nts were p	oor.					
Data Collecte	Desig	nation: Tea	m Memb	er	Jungob				
Data Checked	Desig	nation: Tea	m 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	

		Integr	rated Deve	lopment a	and Asset		
			N	/lunicipal	Committe		
Form IDAMP-/			A	Par	rk n Assessm		
IDAIVIP-/	AIU		Asset	Condition	n Assessm		
Name			Childrer	n Park Sag	ar Road		
Leastion	Latitude			32.074467	7		
Location	Longitu	ıde	-	73.695732	2		
Area In Acre	es			5			
Ownership-		-					
possession a			Loc	kafter of	МС		
by any othe	-						
(documents		le)	Card	E . Lu	Daar		
Turfing Cond			Good	Fair	Poor		
Approach R			Good	Fair	Poor		
Parking Lots	6		Yes		No		
Canteen Ava	ailability		Yes		No		
Average nur		-					
visitors (bas				100-150			
assessment							
Any illegal o encroachme	-			None			
yes, type		erveu-n		None			
Security syst	tem		Guard	(	1 shift)		
		Vatering &	& Irrigation	-			
Tube Well	-		3	Yes	No		
Water Suppl	ly from N	Municipal S	System	Yes	No		
Water Tank				Yes	No		
Pumping Un				Yes	No		
Distribution	Pipe Lin	es		Yes	No		
Valves				Yes	No		
Sprinkler Sys				Yes	No		
Ground wate				Yes	No		
Grass Beds	Lar	uscaping	& Plantati	on Yes	No		
Flower Beds				Yes	No		
Hedges				Yes	No		
Plants				Yes	No		
Number of t	rees and	species			-		
(based on re		-	ormation	10	)-12		
at MC)							
		Lig	hts	Г			
Total Numbe	er				5-6		
Poles				Yes	No		
Cables	dliabta			Yes	No		
Brackets And Bulbs And Tu				Yes Yes	No No		
Control Unit				Yes	No		
control Onit		Struc	tures	105	NO		
No. of Toilet	S	Gents			1		
J. OF TOREL	.5	Gents			1		

	Integrated [	Development a	and Asset	Managemen	t Plan (IDAMP)	
		Municipal	Committe	ee Hafizabad		
Form: IDAMP-A10		Pai Asset Conditio		nent	As	set Code: Date: 05 May 202
	Ladies		_			<b>B</b> (1995)
	Gents	0K	/Fair			
Condition of Toilets	Ladies		-	-		
Buildings	Eddies	Yes	No	17		
Fountains & Water	Fall Structure	Yes	No			
Walkways		Yes	No			
Jogging tracks		Yes	No		- OFFICIAL	
Ramps at entry gate	s for wheel chair		No			GPS Map Camera
Bridges & Culverts		Yes	No		Hafizabad, Punjab, Paki	and the second se
Play Area		Yes	No		3MFV+HHQ, Misri Khan, H Lat 32.074152°	afizabad, Punjab, Pakistan
Gazebos		Yes	No		Long 73.694519°	
Benches/ sitting arr	angements	Yes	No	Google	08/05/23 11:44 AM GMT +	05:00
Boundary Wall & Ga	-	Yes	No		11/2	
Toilets		Yes	No		1 St	and the second
Lakes & Brooks		Yes	No			
	Acchanical Equin		INU	3. 9 4	also a	A 44
	/lechanical Equip		No	100	Station -	
Pumping Units		Yes	No			
Swings Children Games		Yes	No			
		Yes	No			GPS Map Camera
Fixtures		Yes	No		Hafizabad, Punjab, Paki	
Benches		Yes	No		3MGV+2RG, Hafizabad, Pu Lat 32.074748°	unjab, Pakistan
	nitation & Water		NLa		Long 73.695007°	
Litter Bins	1-2	Yes	No	Google	08/05/23 11:44 AM GMT +	05:00
Condition of SWM		Yes	Dirty			
Toilet Fixtures		Yes	No			
Sewerage System	0.5:	Yes	No			
Vegetation Cuttings		Yes	No	_		
Drinking water avail	• •		ler or No			
(based on availabilit	y of water qualit	y Hand	dpump			
test reports)						
Water Pipes		Yes	No			
Calandita Caranda	HR	N/	4	_		
Security Guards		Yes	1			
Landscape Experts		Yes	No			
Mali / Beldaar (Num	iber)	Yes	3/4			
Auguana Carra	1		verall Rat		4	
Average Score	1 Eventure	2		3	4	5
Asset Condition	Excellent	Good		Fair	Poor	Failing
Category	A	B		C	D	E
			ks / Requ	irements		
	ights laid, but cal					
=	, gate(one is miss				on.	
There were on	e or two benche	s that are in ba	ad conditio	ons.		
					frug	10
					Jallar	al)
Data Collected By: N	Ar. Tavvah	Designation:	Team Mer	nber	Jung	

	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: Mi	r. M. Fiaz	Designation: Team Lead	Sign & Date: 08 May 2023								

		Integ	rated Deve	lopme	nt and Asse	: Management Plan (	IDAMP)	
			r	Munici	oal Commit	ee Hafizabad		
Form: IDAMP-A	Form: Asse			Condit	ion Assessr	ent	Asset Code: Date: 05 Ma	
Name			Family P	Park Co	llege Road		Pictures	
	Latitud	e		32.0619	921			
Location	Longitu	ıde	-	73.6778	304	-		
Area In Acres	-			4.75		-		
Ownership-O	wned H	w MC or					× 1.0	
possession al		-					3	
by any other				MC		111 🛞 📷	المحمد	
(documents a	-					Sec. and The	AND REAL STREET	
Turfing Condi			Good	Fair	Poor	A ACA		
Approach Roa			Good	Fair	Poor			
Parking Lots			Yes		No			
Canteen Avai	labilitv	,	Yes		No	Hafizaba	id, Punjab, Pakistan	
Average num						- 3M6H+R2 Lat 32.06	2M, College Rd, Hafizabad, Punjab, Pakis 2005°	
visitors		,		100 15	- 0	Long 73.6	377554°	
(based on the	e assess	sment of	100-150			500gle 08/05/23	02:00 PM GMT +05:00	
MC staff)								
Any illegal oc	-						y Alteria	
encroachmen	ts obse	erved-if	Yes		No	E		
yes, type								
Security syste			Yes		No		I TRUTEL	
	V	Vatering 8	& Irrigation	1			A Participant of the	
Tube Well	fuene	Austainal	C. vatava	Yes		and a local de la constance de		
Water Supply Water Tank	TIOTT	viunicipal s	system	Yes Yes			GPS Map Ca	
Pumping Unit				Yes			id, Punjab, Pakistan	
Distribution P		es		Yes		Lat 32.0615		
Valves	.pc LIII			Yes		Long 73.678 08/05/23 02	1334° 2:03 PM GMT +05:00	
Sprinkler Syst	em			Yes				
Ground water		ge reservo	irs/ponds	Yes				
			& Plantatio	on				
Grass Beds				Yes	No			
Flower Beds				Yes				
Hedges				Yes				
Plants				Yes	No		A PROPERTY OF THE PARTY OF	
Number of tre					10.12	Electron and and	State of the state	
(based on rea at MC)	ally ava	aliable info	ormation		10-12		GPS Map Ca	
		Lia	hts				id, Punjab, Pakistan Municipal Park, College Rd, Hafizabad, Punjab, Pak	
Total Number	-	LIB		Not	: Available	Lat 32.0619		
Poles				Yes			2:01 PM GMT +05:00	
Cables				Yes			Parts 100 1 Mar	
Brackets And	Lights			Yes		1		
Bulbs And Tub	-			Yes		1		
Control Units				Yes	No	]		
		Struc	tures					

	Integrated	Development	and As	set Manageı	nent Plan (ID	AMP)		
		Municipa	l Comm	nittee Hafizal	bad			
Form: IDAMP-A10		Asset Conditio	on Asses	sment		A	Asset Code: Date: 05 May 2023	
No. of Toilets	Gents		1					
No. of Tollets	Ladies		1			and the	THE PARTY	
Condition of Toilets	Gents	Р	oor	18 A		14N		
	Ladies	Р	oor			COSV/		
Buildings		Yes	No	No			E BUNDE ANT INTER A	
	Fountains & Water Fall Structure			No No				
Walkways		Yes	No			and the second		
Jogging tracks		Yes	No	) * 0-2**/			GPS Map Camera	
Ramps at entry gate	es for wheel chai		No	Anato	3M6H+P6G Mu	Punjab, Pak nicipal Park, Coll	kistan ege Rd, Hafizabad, Punjab, Pakistan	
Bridges & Culverts		Yes	No	545	Lat 32.061922° Long 73.67790	3°	Constant of the second	
Play Area		Yes	No	Joogle	08/05/23 02:01	PM GMT +05:00		
Gazebos		Yes	No		20/8/2			
Benches/ sitting arr	-	Yes	No	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	A. March			
Boundary Wall & Ga	ate	Yes	No	18 m		K-F	Constant and the	
Toilets		Yes	No	10 Mar 10		George Contraction		
Lakes & Brooks		Yes	No		the second	la (de la la		
	Mechanical Equi				- ANE			
Pumping Units	Yes	No	and the second		A TANK	CHARLES A		
Swings		Yes	No		A CONTRACTOR	and the second	A MARKET AL	
Children Games		Yes	No		1 1	-	Denaut	
Fixtures		Yes	No		Hafizabad.	Punjab, Pak	GPS Map Camera	
Benches		Yes	No		3M6H+R2M	College Rd,	Hafizabad, Punjab, Pakistan	
	nitation & Wate				Lat 32.0619 Long 73.677			
Litter Bins			Yes No Google			:00 PM GMT	+05:00	
Condition of SWM			Fair					
Toilet Fixtures		Yes	No					
Sewerage System		Yes	No					
Vegetation Cuttings		Yes	No	)				
Drinking water avai								
(based on availabili	ty of water quali	ty Yes	No	)				
test reports)		No.	N -					
Water Pipes		Yes	No					
Soourity Currel-	HR	V	N					
Security Guards		Yes	No					
Landscape Experts Mali / Beldaar (Nun	abor)	Yes	No					
iviali / Beluaar (Nun	idel)	3/4	Perm ent	-				
			Overall					
Average Score	1	2		3		L	5	
Asset Condition	Excellent	Good		Fair	Po		Failing	
Category		B					E	
category	Α	C		,	<b>C</b>			
Dobablitation	of Toilots was no		iiks / Ke	equirements				
Rehablitation	of Toilets was ne	edea.				<u>^</u>		
Data Collected By: I	Mr. Tayyab	Designation:	signation: Team Member			Jung		
					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: M	r. M. Fiaz	Designation: Team Lead	Sign & Date: 08 May 2023								

		М	unicipa	l Cor	mmittee	Hafizabad	
Form: IDAMP-A10			F Condit		Asset Code: Date: 05 Ma		
Name		Khaja	a share	ef Pa	ark		Pictures
Latitu	Ido	_	32.0708				
Location			73.687084				
Area In Acres	lude						
			0.437	'5			
Not-Owned by MC possession allocat							
by any other depa		M	C Hafiz	abad	ł		WAYE GA
(documents availa							1. 1. 1.
Turfing Condition		Good	Fair		Poor		
Approach Road		Good	Fair		Poor		
Parking Lots		Yes			No	And the second s	
Canteen Availabili	tv	Yes			No	a de la compañía	
Average number o	-						and the second second
visitors						a stand we all a	
(based on the asse	ssment of	50					
MC staff)						_	
Any illegal occupa							
encroachments ob	served-if	No					
yes, type		N			NL		
Security system	<b>M</b> + + + + + + + + + + + + + + + + + + +	Yes			No		
Tube Well	watering	& Irrigation	Yes		No		
Water Supply from	Municipal	System	Yes		No		
Water Tank	manopar	oystem	Yes	_	No		
Pumping Unit			Yes	_	No		
Distribution Pipe Li	nes		Yes	5	No		
Valves			Yes	_	No		
Sprinkler System			Yes		No		I contraction
Ground water stor			Yes	5	No		
L Grass Beds	andscaping	& Plantatio	on Yes		No		
Flower Beds			Yes	_	No		and the second second
Hedges			Yes		No	and the second second	and all the
Plants			Yes		No		
Number of trees a							
(based on readily a	vailable info	ormation					
at MC)						-	
Total Number	Lig	hts				4	
Total Number Poles			Yes		No		
Cables			Yes		No	-	
Brackets And Light	s		Yes		No		
Bulbs And Tubes			Yes	_	No		
Control Units			Yes	5	No		
		tures				-	
No. of Toilets	Gents			0		4	
	Ladies			0			

Condition of Toilet	Gents									
Duildings	Ladies	Yes		No						
Buildings Fountains & Wate				No						
	Fail Structure	Yes								
Walkways		Yes		No						
Jogging tracks		Yes		No		R Set				
Ramps at entry ga				No No	مرجني بالتركيب المتكانين المرجم ال مرجم المرجم ال					
Bridges & Culverts		Yes								
Play Area Gazebos		Yes		No						
		Yes		No						
Benches/ sitting ar		Yes		No	Tala I					
Boundary Wall & C	ate	Yes		No						
Toilets		Yes		No		2 102				
Lakes & Brooks	Mashaniaal Faui	Yes		No			ZOIIC 40			
Dumping Units	Mechanical Equi	pment Yes		No		MORE do Zyonia Berli poo anti- Marshy Bonic Plant Plant				
Pumping Units										
Swings Children Games		Yes		No						
-		Yes		No						
Fixtures		Yes		No						
Benches	witation 0 Mata	Yes		No						
	anitation & Wate	r Supply Yes		Ne						
Litter Bins				No						
Condition of SWM		Vaa	Poor							
Toilet Fixtures		Yes		No						
Sewerage System		Yes		No						
Vegetation Cutting		Yes		No						
Drinking water ava		-								
(based on availabil	ity of water quali	ty								
test reports) Water Pipes		Yes		No						
water Pipes	LID	res		INO						
Coourity Cycendo	HR	Vee		Ne						
Security Guards		Yes		No						
Landscape Experts		Yes		No						
Mali / Beldaar (Nu	mber)	Yes		No						
	1	2	Jvera	II Ratin	<u>s</u>	4	5			
Average Score	-		1			-				
Asset Condition	Excellent	Good			Fair	Poor	Failing -			
Category	A	В			С	D	E			
		Rema	rks / F	Require	ments					
•		Г								
Data Collected By: Mr. Tayyab Des		Designatior	ignation: Team Member			Jungob				
					Sign & Date: 08 M	ay 2023				
Data Checked By: Mr. M. Fiaz Des		Designatior	ignation: Team Lead			Maypy				
					Sign & Date: 08 May 2023					

			М	unici	pal C	ommittee	Hafizabad	
Form: IDAMP-A			Asset	Cond	Par ditior	k 1 Assessme	ent	Asset Code: Date: 05 May 2023
Name			Suriy	va Ga	foor	Park		Pictures
	Latituc	le		32.06	5186	5		
Location	Longit	ude		73.68	1683	8		
Area In Acres	5			0.43	375			
Ownership-C possession a by any other (documents a	llocate depart	d to MC tment	М	C Hai	fizaba	ad		
Turfing Cond	ition		Good	Fa	nir	Poor		Contraction of the
Approach Ro	ad		Good	Fa	nir	Poor		
Parking Lots			Yes			No		
Canteen Ava	ilability	Y	Yes			No		
Average number of daily visitors (based on the assessment of MC staff)		-	50					
	Any illegal occupants or encroachments observed-if		No					
Security syst	em		Yes			No		
		Watering &	& Irrigation					
Tube Well			Ye					
Water Supply Water Tank	/ from	Nunicipal	system		<mark>es</mark> es	No No		
Pumping Uni	+				es	No	A CHE	
Distribution F		ies			es	No		
Valves	.pe			1	es	No		and the second second
Sprinkler Syst	tem			Y	es	No		
Ground wate		ge reservo	irs/ponds	Y	es	No	A A R	
	La	ndscaping	& Plantatio	on				
Grass Beds					es	No		
Flower Beds					es	No		A FRIE .
Hedges					es	No	R.F	
Plants				Y	es	No	STREAM	
Number of trees and species (based on readily available information at MC) Lights								
Total Number								
	Poles			Yes		No		
Cables					es	No		
	Brackets And Lights				es	No		
Bulbs And Tu					es	No		
Control Units					es	No		
		Struc	tures					
No. of Toilets	5	Gents				0		

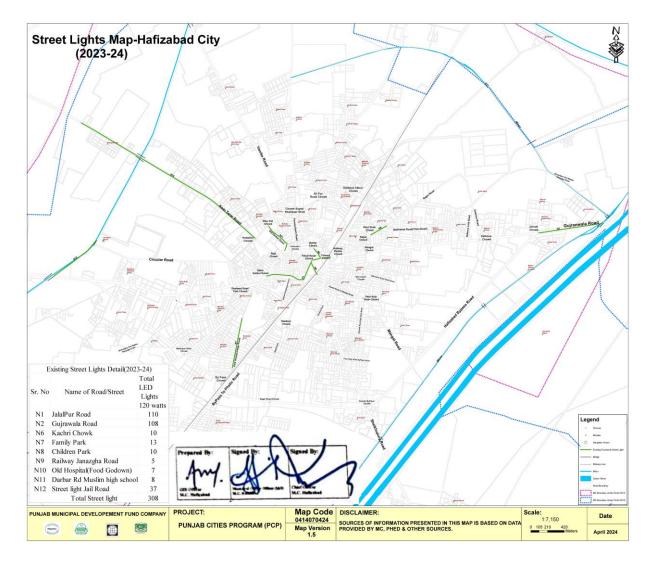
	Ladies		0					
	Gents		-					
Condition of Toilet	s Ladies							
Buildings		Ye	es	No				
Fountains & Water	Fall Structure	Ye		No				
Walkways		Ye	es	No				
Jogging tracks		Ye		No				
Ramps at entry gat	es for wheel chai			No				
Bridges & Culverts		Ye	es	No				
Play Area		Ye	es	No	A CONTRACT OF	and and		
Gazebos	Ye	es	No	Sec.	A AND A AND			
Benches/ sitting ar	rangements	Ye	es	No			and the state	
Boundary Wall & G		Ye	es	No			A CONTRACTOR	
Toilets		Ye	es	No		AND STREET		
Lakes & Brooks	Ye	es	No					
	Mechanical Equi						Constant of the second se	
Pumping Units	Ye	es	No		A Carton Contra	and the second second		
Swings			es	No		and the second second	State of the second	
Children Games			es	No	5			
Fixtures		Ye	es	No	and and the	- All and a second	and the second s	
Benches		Ye	es	No				
Sa	initation & Wate	r Supply						
Litter Bins		Ye	Yes No					
Condition of SWM			Poo	or				
Toilet Fixtures		Ye	es	No				
Sewerage System		Ye	es	No				
Vegetation Cutting	s & Disposal	Ye	es	No				
Drinking water ava	ilability and quali	ty						
(based on availabil	ity of water quali	ty						
test reports)								
Water Pipes		Ye	es	No				
	HR							
Security Guards		Ye	es	No				
Landscape Experts		Ye		No				
Mali / Beldaar (Nur	nber)	Ye	es	No				
			Over	all Ratin	-			
Average Score	1	2			3	4	5	
Asset Condition	Excellent	Goo	bd		Fair	Poor	Failing	
Category	А	В			С	D	E	
		Rem	arks /	Require	ments			
•								
Data Collected By: Mr. Tayyab Des		Designatio	on: Te	am Mem	ber	Sign & Date: 08 May 2023		
Data Checked By: Mr. M. Fiaz Des			ignation: Team Lead			wought		
					Sign & Date: 08 M	iuy 2023		

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

### 6. Office Vehicles

Form: IDAMP-A16		Musicia					
-		iviunicip	al Commi	ttee Hafizabad			
ΙΔΔΜΡ-Δ16			able Asset		Asse	et Code:	
	4	Asset Condi	tion Asses		Date: 05 May 2023		
Type of Vehicle /				Pictures			
Machinery							
Office Vehicles				GPS Maj			
Capacity	4		4	4	4	2	
Purpose	MOR		СО	MOI	General Use	Staff	
Year of	2002	2	.007	2007	2012	Not-Available	
Manufacturing					-		
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	28	00 CC	1000 CC	996 CC	Not-Available	
Maintenance Cost	50,000	20,000		Not Available	e 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 F				
Average Score	1		2	3	4	5	
Asset Condition	Excellen	t G	ood	Fair	Poor	Failing	
Category	A		В	С	D	E	
No remarks		Rem	arks / Red	quirements			
Data Collected By: Mr.	Tayyab	Designation: Team Member			Sign & Date: 08 May 2023		
Data Checked By: Mr.	M. Fiaz	Designatio	n: Team <b>L</b>	ead	Maypay		
					Sign & Date: 08 M	lay 2023	

#### 7. Street lights

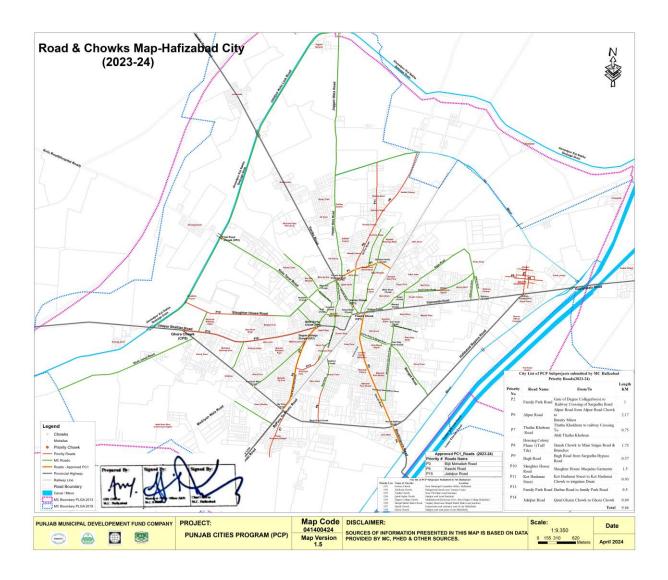


Status	Streetlights	MC Operated	Privately Operated
Operational Street Lights	301	301	
Non Operational Street Lights	19	19	
Total	320	320	0

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

	In	tegrate	d Deve	lopme	nt and	Asset	t Manag	ement	Plan (ID	AMP)	
		-0					ee Hafiz			· · · · · · · · ·	
Form:					treet L					Asset Co	
IDAMP-A	.9	_	Ass	set Cor			ssment	_	_	Date	: 05 May 2023
							3			ſ	
				Ty	pe of L	umin	aries			and the sta	Poles Type
Road	Total	Sod	ium			Operational	(WAPDA Pole				
		100W	400W	18W	30W	50W	LED 100W	120W	150W	Status	/ MC Pole)
Gujranwala Road	134										
Dehinagran Wali Road	35			6	4		7	237	32		
Family Park	9	4	5			6				Operational	
Graveyard	30	-									
Ali Pur Road	9	-									
J-Pur Road	103										
Total	320				3	01				Operational	
				Ren	narks /	/ Requ	iremen	ts		·	·
<ul> <li>Out of th Lumaniri</li> </ul>		eyed lig	nts in tl	ne MC,	, 301 li	ghts w	vere fou	nd to be	e operat	ional as listed	in the type of
Data Collected	l By: Mr. To	ayyab	De	signat	ion: Te	am M	lember		Jungob		
									Sign &	Date: 08 May 2	2023
Data Checked	By: Mr. M.	Fiaz	De	signat	ion: Te	am Le	ad			Maypy	
									Sign &	Date: 08 May 2	2023

8. Roads



S.N	Name	e of road	Owner Ship	TST, asphalt or concrete	Paved width	Approx. length	Condition
	From	То		pavers	(ft)	(Km)	
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	МС	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	МС	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	МС	TST	18	0.75	Poor

S.N	Nam	e of road	Owner Ship	TST, asphalt or concrete	Paved width	Approx. length	Condition
	From	То		pavers	(ft)	(Km)	
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 sch	eme # 01 road 1	MC	MC	20	0.75	poor
20	Housing sch	eme # 01 road 2	MC	МС	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 pu	ira street 1	MC	MC	20	1	poor
25	Ilyas pu	ıra street 2	MC	MC	20	0.5	poor
26	Darbar roa	ad (Nasir Pura)	MC	MC	20	1	poor
27	Jarianw	vala streets	MC	MC	20	1	poor
28	Rai Javed stre	et & allied streets	MC	MC	20	3	poor
29	Shabir shah masjid to ali pur chowk	Siddiqu-e-akbar chowk	МС	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 roa	d & allied streets	MC	PCC & brick pavements	20	1	poor
33	Kasoki bypass chowk	Railway phattak	МС	TST	20	7	Construction under process
34	Jinnah chowk	Doaba rice mills Gujranwala Road	МС	TST	16	2.5	Good

		Integrated Develo	pment and	Asset Manageme	ent Plan (IDA	AMP)		
		M	-	nmittee Hafizaba	d			
_	orm:	Asset Card	Road			Ass	et Code:	
IDAN	VIP-A8	Asset Cond	lition Assess	ment ctures	_	Date: 05 May 2023		
	Affectance, Avergine, Backettance, Backettance, Avergine, Backettance,							
S.N	Name	of road	Owner Ship	TST, asphalt or concrete pavers	Paved width (ft)	Approx. length (Km)	Condition	
	From	То						
1	Fawara Chowk	Dowaba Rice Mill GRW Road Hafizabad	МС	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	МС	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	МС	TST	20	5	Deteriorated Condition	
6	Railway Phatak	Rehmata Abad Railway	МС	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	МС	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	

For			Municipal Co	l Asset Managem mmittee Hafizaba					
	m:		Road		au	Δς	set Code:		
IDAM		Asset Co	ndition Asses	sment		A3	Date: 05 May 202		
							construction is		
							required		
17	Hussaini chowck	Quarter DHQ Hospital	МС	Concrete pavers	24	0.5	Good		
18	Boys degree college	railway phattack	МС	Asphalt	20	4	Newly constructed (Good condition)		
19	Housing schen	ne # 01 road 1	MC	MC					
20	Housing schen	ne # 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 Ilyas pura street 1		MC	PCC & brick pavements	20	1	poor		
24	llyas pura	street 1	MC	MC	20	1	poor		
25	llyas pura	street 2	MC	MC	20	0.5	poor		
26	Darbar road	(Nasir Pura)	MC	MC	20	1	poor		
27	Jarianwa	a 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 wa	ala streets	МС	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	МС	PCC & brick pavements	20	1	poor		
33	Kasoki bypass chowk	Railway phattak	MC	TST	20	7	Construction unde process		
34	Jinnah chowk	Doaba rice mills Gujranwala Road	MC	TST	16	2.5	Good		
34	Jinnah chowk				16	2.5	Good		
			Remarks	/ Requirements					
No re	emarks								
		ab Desian	ation: Team N	Лember	Jungol				
ata Colle	ected By: Mr. Tayyo	g.:			Sign & Date: 08 May 2023				
nta Colle	ected By: Mr. Tayyo				Sign & Date:	08 May 2023	3		
	ected By: Mr. Tayyo ked By: Mr. M. Fia		ation: Team L		Sign & Date:	08 May 2023 wffy	3		

# Annexure B. Projects Coding Scheme:

Region Name	Region Code	мс	MC Code	Property Types	Property Type Code	Sub Property Types	Sub Property Type Code	Unique Codes
						Tube wells	01	01-02-01-01-XX
					-	Water Supply Network		
				Matar Cumplu		(ft)	02	01-02-01-02-XX
				Water Supply System	01	OHR	03	01-02-01-03-XX
				System		Filtration Plants	04	01-02-01-04-XX
						Vehicles	05	01-02-01-05-XX
						GST	06	01-02-01-06-XX
						Sewerage Network (ft)	01	01-02-02-01-XX
				Sewerage System	02	Disposal Stations	02	01-02-02-02-XX
						Vehicles 03		01-02-02-03-XX
				Solid Waste		Dumping site	01	01-02-03-01-XX
		Hafizabad	02	Management System	03	Vehicles	02	01-02-03-02-XX
Northern	01					Parking Shed	03	01-02-03-03-XX
Punjab				Roads and Streets		Roads	01	01-02-04-01-XX
					04	Street	02	01-02-04-02-XX
						Street light	03	01-02-04-03-XX
						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
				Public Places	05	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	МС	MC Code	Property Types	Property Type Code	Sub Property Types	Sub Property Type Code	Unique Codes
						Office buildings	01	01-02-06-01-XX
				Others	06	Office vehicles	02	01-02-06-02-XX
						Residential building	03	01-02-06-03-XX

## Annexure C. Project Screening and Phasing

Project ID: Project Description : 01-02-01-02-01 Improvement & Rehabilitation of Water Supply system in Hafizabad City

Inde x	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
1. Proj	ect Purpose & Service Delivery Improvemen	t						
				2.5	Minor contribution			
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Significant contribution	10	
	system of service delivery.			10	Significant contribution			
				0	No contribution.			
	Whether the project will contribute to			2.5	Indirect contribution.	Major contribution to key		
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	development goal.	10	
				10	Major contribution to key development goal.			
			10	0	No consequences			
1.3	Whether the deference/ delay of the			10		Minor consequences	Major immediate	10
1.5	project is going to affect citizens' health, safety, property, prosperity etc.?			7.5	Major future consequences	consequences	10	
				10	Major immediate consequences			
2. Pub	lic Response		•					
				1	Less than 10%			
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5	
		15		7.5	Greater than 20%			
2.2	Is there support or opposition for the		5	0	Majority opposition	Majority support	5	
۷.۷	project from NGO's, community groups,		5	1	Minority opposition	<ul> <li>Majority support</li> </ul>	5	

Inde x	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	network, media, or business			5	Majority support		
	organizations?			2.5	Minority support		
				0	Majority opposition		
2.2	Is there support or opposition from		2 5	0.5	Minority opposition		25
2.3	residents in the immediate vicinity of the new facility?		2.5	2.5	Majority support	Majority support	2.5
				1.5	Minority support		
3. Envi	ronmental Impact						
	The impact of the proposed project on the			0	Negative effects on quality of the local envir onment		
3.1	quality of local environment (e.g., Air quality, Water pollution, Waste reduction,	10	10	5	Neutral	Positive effects on the quality of the local environment	10
	etc.			10	Positive effects on the quality of the local en vironment		
4. Soci	o-Economic Impact					1	
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Direct revenue is not	2.5
				5	Revenue meets O&M costs	sufficient to meet O&M costs	
				7.5	Revenue exceeds O&M costs		
		15		0	Negative impact on the local economy		
	Are there indirect economic benefits from this project in the long term, e.g.,			2.5	Little or no long-term economic development benefits	Additional investment in the	
4.2	employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures,		7.5	5	Additional investment in the area and increased wealth for citizens	area and increased wealth for citizens	5
	etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease	of Implementation			•		•	

Inde x	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
5.1	Has land been acquired for the project (If required)?		10	10 0	Yes No	Yes	10	
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 No	Yes	5	
5.3	Will the project get approval from higher levels of Government?			5	1 2.5 5	Difficult Standard Easy	Standard	2.5
5.4	Ease of implementation of project in respect of technical design?	30	5	1 3 5	Difficult Standard Easy	Standard	3	
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	0 1 3 5	Outside expertise needed for construction, O&M Outside expertise needed for construction p hase only Outside expertise needed for preparation p hase i.e., feasibility studies No outside expertise needed	Outside expertise needed for construction phase only	1	
Total A	Achieved Score					I	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. Proj	ect Purpose & Service Delivery Improvement					- <b>·</b>	
				2.5	Minor contribution		
	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Significant contribution	10
				10	Significant contribution		
				0	No contribution.		
	Whathar the project will contribute to Costoral	30		2.5	Indirect contribution.	Major contribution to key development goal.	
17	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	7.5	Minor direct contribution		10
				10	Major contribution to key development goal.		
				0	No consequences		
	Whether the deference/ delay of the project is going to affect citizens' health, safety,		10	2.5	Minor consequences	Major immediate	10
	property, prosperity etc.?		10	7.5	Major future consequences	consequences	10
				10	Major immediate consequences		
2. Publ	ic Response				1		1
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%	-	
		-		0	Majority opposition		
	Is there support or opposition for the project from NGO's, community groups,		5	1	Minority opposition	Majority support	5
	network, media or business organizations?		5	5	Majority support		5
				2.5	Minority support	-	
		-		0	Majority opposition		
	Is there support or opposition from residents in the immediate vicinity of the		2.5	0.5 Minority opposition 2.5 Majority support	Majority support	2.5	
	new facility?		2.5	2.5	Majority support		2.5
				1.5	Minority support		
3. Envi	ronmental Impact				I		
	The impact of the proposed project on the			0	Negative effects on quality of the loc al environment		
3.1	quality of local environment (e.g. Air quality,	10	10	5	Neutral	Positive effects on the quali ty of the local environment	10
l	Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the l ocal environment		
4. Soci	o-Economic Impact				1	1	
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		
				0	Negative impact on the local economy		
	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	2.5	Little or no long term economic development benefits	Additional investment in	
				5	Additional investment in the area and increased wealth for citizens	the area and increased wealth for citizens	5
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease	e of Implementation		<u> </u>		I	1	
5.1	Has land been acquired for the project (If		10	10	Yes	Yes	10
0.1	required)?		10	0	No		10
	Has funding been secured/allocated within the	30		5	Yes		
5.2	Local Government budget or whether the external sources of funding have been secured?	50	5	0	No	Yes	5
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		
				1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Standard	3
				5	Easy		
	Is there a capable system in place to implement and operate this project or is external support needed?			0	Outside expertise needed for constru ction, O&M		
			5	1	celen phase only	Outside expertise needed f or construction phase only	1
					Outside expertise needed for prepara tion phase i.e. feasibility studies		
				5	No outside expertise needed		
otal A	Achieved Score				1		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. Proj	ject Purpose & Service Delivery Improv	ement	L	1			I
				2.5	Minor contribution		
	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Significant contribution	10
				10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute to Sectoral Plan / City Master Plan?	30	10	2.5	Indirect contribution.	Major contribution to key development goal.	
1 1 7				7.5	Minor direct contribution		10
				10	Major contribution to key development goal.		
				0	No consequences		
	Whether the deference/ delay of the project is going to affect citizens'		10	2.5	Minor consequences	 Major immediate	10
	health, safety, property, prosperity etc.?		10	7.5	Major future consequences	consequences	10
	etc.?			10	Major immediate consequences		
2. Pub	lic Response				1		I
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%		
	Is there support or opposition for the			0	Majority opposition		
	project from NGO's, community		5	1	Minority opposition	Maiority support	5
	groups, network, media or business		5	5	Majority support	Majority support	5
	organizations?			2.5	Minority support		
				0	Majority opposition		
	Is there support or opposition from residents in the immediate vicinity of the		2 5	0.5	Minority opposition		25
			2.5	2.5	Majority support	Majority support	2.5
	new facility?			1.5	Minority support		
3. Envi	ironmental Impact						
	The impact of the proposed project on			0	Negative effects on quality of the local env ironment		
	the quality of local environment (e.g. Air quality, Water pollution, Waste	10	10	5	Neutral	Positive effects on the quality o f the local environment	10
	reduction, etc.			10	Positive effects on the quality of the local environment		
4. Soci	o-Economic Impact				1	1	l
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	1		
				0	Negative impact on the local economy			
	Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment			2.5	Little or no long term economic development benefits	Additional investment in the		
4.2	generation, increase in land/property prices, reduction in citizens'	7.5	5	Additional investment in the area and increased wealth for citizens	area and increased wealth for citizens	5		
	expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy			
5. Ease	e of Implementation							
5.1	Has land been acquired for the project		10	10	Yes	Yes	10	
0.1	(If required)?		10	0	No		10	
	Has funding been secured/allocated				5	Yes		
5.2	within the Local Government budget or whether the external sources of funding have been secured?	30	5	0	No	Yes	5	
_ <b>∽</b> ≺	Will the project get approval from		5	1	Difficult	Standard	2.5	
J.J	higher levels of Government?		5	2.5	Standard		2.5	

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				5	Easy		
	.4 Ease of implementation of project in respect of technical design?			1	Difficult		
5.4			5	3	Standard	Standard	3
				5	Easy		
				0	Outside expertise needed for construction , O&M	_	
	Is there a capable system in place to implement and operate this project or		5	1	phase only		1
	is external support needed?			3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total A	Achieved Score				1		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. Proj	ect Purpose & Service Delivery Improvement						
	Desethe maint fill a contine wider sustant			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Significant contribution	10
				10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute to			2.5	Indirect contribution.	Major contribution to key	
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	development goal.	10
		30		10	Major contribution to key development goal.	development godi	
			10	0	No consequences	Major immediate consequences	
1 2	Whether the deference/ delay of the			2.5	Minor consequences		10
1.3	project is going to affect citizens' health, safety, property, prosperity etc.?			7.5	Major future consequences		10
	salety, property, prosperity etc.:			10	Major immediate consequences		
2. Pub	lic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
				7.5	Greater than 20%		
	to the second			0	Majority opposition		
2.2	Is there support or opposition for the project from NGO's, community groups,	15	5	1	Minority opposition	Majority support	5
2.2	network, media, or business organizations?	15	5	5	Majority support	<ul> <li>Majority support</li> </ul>	5
	network, media, or business organizations:			2.5	Minority support		
	Is there support or opposition from			0	Majority opposition		
2.3	residents in the immediate vicinity of the		2.5	0.5	Minority opposition	Majority support	2.5
	new facility?			2.5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				1.5	Minority support		
3. Envi	ronmental Impact						
	The impact of the proposed project on the			0	Negative effects on quality of the local envir onment		
3.1	quality of local environment (e.g., Air	10	10	5	Neutral	Positive effects on the quality of the local environment	10
	quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local en vironment	of the local environment	
4. Soci	o-Economic Impact					•	
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	No direct revenue	0
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
	Are there indirect economic benefits from this project in the long term, e.g., employment creation, investment generation, increase in land/property	15		0	Negative impact on the local economy	-	
			7.5	2.5	Little or no long-term economic development benefits	Additional investment in the	
4.2				5	Additional investment in the area and increased wealth for citizens	area and increased wealth for citizens	5
	prices, reduction in citizens' expenditures, etc.?			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		10	10	Yes	Yes	10
5.1	required)?	_		0	No	103	10
	Has funding been secured/allocated within			5	Yes	4	
5.2	the Local Government budget or whether the external sources of funding have been	30	5	0		Yes	5
	secured?	-		1	No Difficult		
5.3	Will the project get approval from higher levels of Government?		5	1 2.5	Standard	Standard	2.5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				5	Easy		
	For of implementation of project in			1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Standard	3
	respect of technical design:			5	Easy		
				0	Outside expertise needed for construction,		
				0	0&M		
	Is there a capable system in place to			1	Outside expertise needed for construction p	Outside expertise peeded for	
5.5	implement and operate this project or is		5	-	hase only	Outside expertise needed for	1
	external support needed?			2	Outside expertise needed for preparation p	construction phase only	
				5	hase i.e., feasibility studies		
				5	No outside expertise needed		
Total A	Achieved Score						81.5

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. Proj	ect Purpose & Service Delivery Improve	ment					
	Deep the preject fills can in a wider			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Major contribution	7.5
	system of service delivery:			10	Significant contribution		
				0	No contribution.		
1.2	Whether the project will contribute		10	2.5	Indirect contribution.	Minor direct contribution	7.5
1.2	to Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution		7.5
				10	Major contribution to key development goal.		
	Whether the deference/ delay of the			0	No consequences		
1.3	project is going to affect citizens'		10	2.5	Minor consequences	Major future consequences	7.5
1.5	health, safety, property, prosperity		10	7.5	Major future consequences	Major ruture consequences	7.5
	etc.?			10	Major immediate consequences		
2. Pub	lic Response						
				1	Less than 10%	-	
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				7.5	Greater than 20%		
	Is there support or opposition for the			0	Majority opposition	-	
	project from NGO's, community		_	1	Minority opposition		
2.2	groups,	15	5	5	Majority support	Majority support	5
	network, media, or business organizations?			2.5	Minority support		
	Is there support or opposition from			0	Majority opposition		
2.3	residents in the immediate vicinity of		2.5	0.5	Minority opposition	Majority support	2.5
	the			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. Envi	ronmental Impact						
	The impact of the proposed project			0	Negative effects on quality of the local envir onment		
3.1	on the quality of local environment	10	10	5	Neutral	Positive effects on the quality of t he local environment	10
	(e.g., Air quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local en vironment	ne local environment	
4. Soci	o-Economic Impact			•			
				0	No direct revenue		
4.1	Will the project bring in direct		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	No direct revenue	0
	revenue?			5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
		15		0	Negative impact on the local economy		
	Are there indirect economic benefits from this project in the long term,		7.5	2.5	Little or no long-term economic development benefits		
4.2	e.g., employment creation, investment generation, increase in			5	Additional investment in the area and increased wealth for citizens	Little or no long-term economic development benefits	2.5
	land/property prices, reduction in citizens' expenditures, etc.?			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		10	10	Yes	Yes	10
5.1	project (If required)?		10	0	No	res	10
	Has funding been secured/allocated			5	Yes		
5.2	within the Local Government budget or whether the external sources of	30	5	0		Yes	5
	funding have been secured?				No		
5.3	Will the project get approval from		5	1	Difficult	Standard	2.5
5.5	higher levels of Government?		5	2.5	Standard		2.5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score		
				5	Easy				
	For of implementation of project in			1	Difficult				
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Standard	3		
				5	Easy				
				0	Outside expertise needed for construction, O&M				
5.5	Is there a capable system in place to implement and operate this project		5	1	Outside expertise needed for construction p hase only	Outside expertise needed for cons	1		
	or is external support needed?			3	Outside expertise needed for preparation ph ase i.e., feasibility studies	truction phase only			
				5	No outside expertise needed	1			
Total A	Fotal Achieved Score 6								

01-02-04-03-01

**Project Description :** 

Repair & Replacement of LEDs

Inde x	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Proj	ect Purpose & Service Delivery Improveme	nt					
	Deep the project fill a gap in a wider			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Major contribution	7.5
	system of service derivery:			10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute to			2.5	Indirect contribution.		
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	Minor direct contribution	7.5
		50		10	Major contribution to key development goal.		
				0	No consequences		
1.2	Whether the deference/ delay of the		10	2.5	Minor consequences		10
1.3	project is going to affect citizens' health, safety, property, prosperity etc.?			7.5	Major future consequences	Major immediate consequences	10
	salety, property, prosperity etc.:			10	Major immediate consequences	1	
2. Pub	lic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
				7.5	Greater than 20%		
	Is there support or opposition for the			0	Majority opposition		
2.2	project from NGO's, community groups,	15	5	1	Minority opposition	— Majority support	5
2.2	network, media, or business	15	5	5	Majority support		5
	organizations?			2.5	Minority support		
	Is there support or opposition from			0	Majority opposition		
2.3	residents in the immediate vicinity of the		2.5	0.5	Minority opposition	Majority support	2.5
	new facility?			2.5	Majority support		

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

Inde x	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				5	Easy		
	Ease of implementation of project in			1	Difficult		
5.4	respect of technical design?		5	3	Standard	standard	3
				5	Easy		
				0	Outside expertise needed for construction,		
				0	0&M		
	Is there a capable system in place to			1	Outside expertise needed for construction	Outside expertise needed for con	
5.5	implement and operate this project or is		5	-	phase only	struction phase only	1
	external support needed?			3	Outside expertise needed for preparation	struction phase only	
			-	,	phase i.e., feasibility studies		
				5	No outside expertise needed		
Total A	Achieved Score						69

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. Proj	ect Purpose & Service Delivery Improvement						
	Dess the preject fills can in a wider system			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Significant contribution	10
	of service derivery:			10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute to			2.5	Indirect contribution.	— Major contribution to key	
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	development goal.	10
		50		10	Major contribution to key development goal.	uevelopment goui.	
				0	No consequences	Major future consequences	
1.2	Whether the deference/ delay of the project		10	2.5	Minor consequences		
1.3	is going to affect citizens' health, safety, property, prosperity etc.?			7.5	Major future consequences		7.5
				10	Major immediate consequences		
2. Pub	lic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
				7.5	Greater than 20%		
	la thank and an ann aiting fan tha			0	Majority opposition		
2.2	Is there support or opposition for the project from NGO's, community groups,	15	5	1	Minority opposition	Majority support	5
2.2	network, media or business organizations?	15	5	5	Majority support		5
				2.5	Minority support		
	Is there support or opposition from			0	Majority opposition		
2.3	residents in the immediate vicinity of the		2.5	0.5	Minority opposition	Majority support	2.5
	new facility?			2.5	Majority support		

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				5	Easy		
	Face of implementation of project in respect			1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Standard	3
				5	Easy		
				0	Outside expertise needed for construction,		
				0	0&M		
	Is there a capable system in place to			1	Outside expertise needed for construction p	Outside expertise peopled for se	
5.5	implement and operate this project or is		5	-	hase only	Outside expertise needed for co nstruction phase only	1
	external support needed?			2	Outside expertise needed for preparation p	istruction phase only	
				5	hase i.e. feasibility studies		
				5	No outside expertise needed		
Total A	Achieved Score						74

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. Proje	ect Purpose & Service Delivery Improvement		•				
	Denotion of fill a new in a wider water			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Major contribution	7.5
	of service derivery!			10	Significant contribution		
				0	No contribution.		
	Whather the project will contribute to			2.5	Indirect contribution.	Major contribution to koy	
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	<ul> <li>Major contribution to key</li> <li>development goal.</li> </ul>	10
		50		10	Major contribution to key development goal.	development goal.	
				0	No consequences	— Minor consequences	
1 2	nether the deference/ delay of the		10	2.5	Minor consequences		2.5
1.3	project is going to affect citizens' health,			7.5	Major future consequences		2.5
	safety, property, prosperity etc.?			10	Major immediate consequences		
2. Publi	ic Response		•				
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				7.5	Greater than 20%		
				0	Majority opposition		
2.2	Is there support or opposition for the	15	F	1	Minority opposition		-
2.2	project from NGO's, community groups,	15	5	5	Majority support	Majority support	5
	network, media or business organizations?			2.5	Minority support		
	Is there support or opposition from			0	Majority opposition	Majority support	
2.3	residents in the immediate vicinity of the		2.5	0.5	Minority opposition		2.5
	new facility?			2.5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				1.5	Minority support		
3. Envir	onmental Impact						
	The impact of the proposed project on the			0	Negative effects on quality of the loc al environment		
3.1	quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.	10	10	5	Neutral	Positive effects on the quali ty of the local environment	10
				10	Positive effects on the quality of the local environment		
4. Socio	-Economic Impact		•			•	
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Revenue exceeds O&M costs	7.5
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
		15		0	Negative impact on the local economy		
	Are there indirect economic benefits from this project in the long term, e.g.	15	7.5	2.5	Little or no long term economic development benefits	Significant competitive	
4.2	employment creation, investment generation, increase in land/property			5	Additional investment in the area and increased wealth for citizens	advantage to industry and boost to the local economy	7.5
	prices, reduction in citizens' expenditures, etc.?			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		10	10 0	Yes No	Yes	10
	required)? Has funding been secured/allocated within	-		5	Yes		
5.2	the Local Government budget or whether the external sources of funding have been secured?	30	5	0	No	Yes	5
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			
	Face of implementation of project in			1	Difficult			
5.4	4 Ease of implementation of project in respect of technical design?		5	3	Standard	Easy	5	
			5	Easy				
				0	Outside expertise needed for constr	Outside expertise needed f or construction phase only		
				0	uction, O&M			
	Is there a capable system in place to			1	Outside expertise needed for constr			
5.5	implement and operate this project or is		5	T	uction phase only		1	
	external support needed?			3	Outside expertise needed for prepar	of construction phase only		
				5	ation phase i.e. feasibility studies			
				5	No outside expertise needed			
Total Achieved Score								

Project ID:	
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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						
	Dess the project fills can in a wider			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Significant contribution	10
	system of service delivery!			10	Significant contribution	-	
				0	No contribution.		
1.2	Whather the project will contribute to			2.5	Indirect contribution.	Major contribution to	
	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	7.5	Minor direct contribution	key development goal.	10
		30		10	Major contribution to key development goal.	- key development goal.	
	Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.?			0	No consequences	Major future consequences	
			10	2.5	Minor consequences		
1.3				7.5	Major future consequences		7.5
				10	Major immediate consequences		
2. Public F	Response				· · · · ·		
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
				7.5	Greater than 20%		
	Is there support or opposition for the			0	Majority opposition		
2.2	project from NGO's, community groups,	15	F	1	Minority opposition		-
2.2	network, media or business organizations?		5	5	Majority support	Majority support	5
				2.5	Minority support		
2.2	Is there support or opposition from		2.5	0	Majority opposition	Majority support	25
2.3	residents in the immediate vicinity of		2.5	0.5	Minority opposition	Majority support	2.5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	the			2.5	Majority support		
	new facility?			1.5	Minority support		
3. Environ	imental Impact						
	The impact of the proposed project on			0	Negative effects on quality of the local environment	Positive effects on the q	
3.1	the quality of local environment (e.g.	10	10	5	Neutral	uality of the local enviro nment	10
	Air quality, Water pollution, Waste reduction, etc.			10	Positive effects on the qualit y of the local environment		
4. Socio-E	conomic Impact						
				0	No direct revenue		7.5
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Revenue exceeds O&M	
				5	Revenue meets O&M costs	costs	
				7.5	Revenue exceeds O&M costs		
		15	7.5	0	Negative impact on the local economy	Additional investment in the area and increased wealth for citizens	
	Are there indirect economic benefits from this project in the long term, e.g.	15		2.5	Little or no long term economic development benefits		5
4.2	employment creation, investment generation, increase in land/property prices, reduction in citizens'			5	Additional investment in the area and increased wealth for citizens		
	expenditures, etc.?			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		
	Has funding been secured/allocated			5	Yes		
5.2	within the Local Government budget or whether the external sources of funding have been secured?		5	0	No	Yes	5
				1	Difficult		
5.3	Will the project get approval from		5	2.5	Standard	Standard	2.5
	higher levels of Government?			5	Easy		
	Ease of implementation of project in respect of technical design?			1	Difficult		3
5.4			5	3	Standard	Standard	
				5	Easy		
				0	Outside expertise needed fo		
					r construction, O&M		
				1	Outside expertise needed fo		
	Is there a capable system in place to				r construction phase only	Outside expertise neede	1
5.5	implement and operate this project or is external support needed?		5	3	Outside expertise needed fo r preparation phase i.e. feas ibility studies	d for construction phase only	
				5	No outside expertise neede d		
otal Ach	ieved Score						86.5

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. Proje	ect Purpose & Service Delivery Improvem	ent					·
				2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Major contribution	7.5
	system of service derivery!			10	Significant contribution		
				0	No contribution.		
	Whather the project will contribute to			2.5	Indirect contribution.	Major contribution to kov	
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	Major contribution to key development goal.	10
		30		10	Major contribution to key development goal.	- development goal.	
	Whether the deference/ delay of the project is going to affect citizens'		10	0	No consequences		
1.3				2.5	Minor consequences	A Major future consequences	7.5
1.5	health, safety, property, prosperity			7.5	Major future consequences		7.5
	etc.?			10	Major immediate consequences		
2. Publi	ic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Between 10% to 20%	5
				7.5	Greater than 20%		
	Is there support or opposition for the			0	Majority opposition		
	project from NGO's, community	15		1	Minority opposition		
2.2	groups,		5	5	Majority support	Majority support	5
	network, media or business organizations?			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			0.5	Minority opposition		
	the			2.5	Majority support		
	new facility?			1.5	Minority support		
3. Envir	onmental Impact						
	The impact of the proposed project on			0	Negative effects on quality of the local e nvironment	Desitive offects on the suglitu	
3.1	the quality of local environment (e.g. Air quality, Water pollution, Waste	10	10	5	Neutral	Positive effects on the quality of the local environment	10
	reduction, etc.			10	Positive effects on the quality of the loca I environment		
4. Socio	-Economic Impact						
	Will the project bring in direct revenue?			0	No direct revenue	No direct revenue	
4.1			7.5	2.5	Direct revenue is not sufficient to meet O&M costs		0
				5	Revenue meets O&M costs		
		_		7.5	Revenue exceeds O&M costs		
	Are there indirect economic benefits	15	7.5	0	Negative impact on the local economy	Significant competitive advantage to industry and boost to the local economy	
	from this project in the long term, e.g. employment creation, investment	13		2.5	Little or no long term economic development benefits		
4.2	generation, increase in land/property			5	Additional investment in the area and increased wealth for citizens		7.5
	prices, reduction in citizens' expenditures, etc.?			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		10	10	Yes	Yes	10
5.1	(If required)?		10	0	No		10
	Has funding been secured/allocated	30		5	Yes		
5.2	within the Local Government budget or whether the external sources of funding have been secured?		5	0	No	Yes	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Will the project get approval from higher levels of Government?			1	Difficult		
5.3			5	2.5	Standard	Easy	5
	light levels of dovernment:			5	Easy		
	Face of implementation of project in			1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Easy	5
				5	Easy		
				0	Outside expertise needed for constructio		
					n, O&M		
	Is there a capable system in place to			1	Outside expertise needed for constructio		
5.5	implement and operate this project or		5	L	n phase only		1
	is external support needed?			3	Outside expertise needed for preparatio	construction phase only	
				3	n phase i.e. feasibility studies		
				5	No outside expertise needed		
iotal A	chieved Score						81

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. Proje	ect Purpose & Service Delivery Improvem	ent						
	Dess the preject fills can in a wider			2.5	Minor contribution			
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Major contribution	7.5	
	system of service delivery!			10	Significant contribution			
				0	No contribution.			
	Whathar the project will contribute to			2.5	Indirect contribution.	Major contribution to koy		
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	<ul> <li>Major contribution to key</li> <li>development goal.</li> </ul>	10	
		50		10	Major contribution to key development goal.			
	Whether the deference/ delay of the project is going to affect citizens'		10	0	No consequences			
1.3				2.5	Minor consequences	A Major future consequences	7.5	
1.5	health, safety, property, prosperity			7.5	Major future consequences		7.5	
	etc.?			10	Major immediate consequences			
2. Publ	ic Response							
				1	Less than 10%			
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Between 10% to 20%	5	
				7.5	Greater than 20%			
	Is there support or opposition for the			0	Majority opposition			
	project from NGO's, community	15		1	Minority opposition			
2.2	2 groups,		5	5	Majority support	Majority support	5	
	network, media or business organizations?			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			0.5	Minority opposition		
	the			2.5	Majority support		
	new facility?			1.5	Minority support		
3. Envir	ronmental Impact						
	The impact of the proposed project on the quality of local environment (e.g.			0	Negative effects on quality of the local e nvironment	Desitive offects on the suglitu	
3.1	Air quality, Water pollution, Waste	10	10	5	Neutral	Positive effects on the quality of the local environment	10
	reduction, etc.			10	Positive effects on the quality of the loca l environment	of the local environment	
4. Socio	-Economic Impact						
	Will the project bring in direct revenue?		7.5	0	No direct revenue		
4.1				2.5	Direct revenue is not sufficient to meet O&M costs	No direct revenue	0
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
		15	7.5	0	Negative impact on the local economy	Significant competitive advantage to industry and boost to the local economy	
	Are there indirect economic benefits from this project in the long term, e.g.	15		2.5	Little or no long term economic development benefits		
4.2	employment creation, investment generation, increase in land/property			5	Additional investment in the area and increased wealth for citizens		7.5
	prices, reduction in citizens' expenditures, etc.?			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		10	10	Yes	Yes	10
5.1	(If required)?		10	0	No	165	10
	Has funding been secured/allocated	30		5	Yes		
5.2	within the Local Government budget or whether the external sources of funding have been secured?		5	0	No	Yes	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Will the project get approval from higher levels of Government?			1	Difficult		
5.3			5	2.5	Standard	Easy	5
	light levels of dovernment:			5	Easy		
	Face of implementation of project in			1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Easy	5
				5	Easy		
				0	Outside expertise needed for constructio		
					n, O&M		
	Is there a capable system in place to			1	Outside expertise needed for constructio		
5.5	implement and operate this project or		5	L	n phase only		1
	is external support needed?			3	Outside expertise needed for preparatio	construction phase only	
				3	n phase i.e. feasibility studies		
				5	No outside expertise needed		
iotal A	chieved Score						81

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. Proje	ect Purpose & Service Delivery Improvem	ent					
				2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Major contribution	7.5
	system of service delivery:			10	Significant contribution		
				0	No contribution.		
	Whathar the project will contribute to			2.5	Indirect contribution.	Major contribution to koy	
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	Major contribution to key development goal.	10
		50		10	Major contribution to key development goal.		
	Whether the deference/ delay of the project is going to affect citizens'		10	0	No consequences		
1.3				2.5	Minor consequences	<ul> <li>Major future consequences</li> </ul>	7.5
1.5	health, safety, property, prosperity			7.5	Major future consequences		7.5
	etc.?			10	Major immediate consequences		
2. Publi	ic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Between 10% to 20%	5
				7.5	Greater than 20%		
	Is there support or opposition for the			0	Majority opposition		
	project from NGO's, community	15		1	Minority opposition		
2.2	groups,		5	5	Majority support	Majority support	5
	network, media or business organizations?			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			0.5	Minority opposition		
	the			2.5	Majority support		
	new facility?			1.5	Minority support		
3. Envir	ronmental Impact						
	The impact of the proposed project on the quality of local environment (e.g.			0	Negative effects on quality of the local e nvironment	Desitive offects on the quality	
3.1	Air quality, Water pollution, Waste	10	10	5	Neutral	Positive effects on the quality of the local environment	10
	reduction, etc.			10	Positive effects on the quality of the loca l environment	of the local environment	
4. Socio	-Economic Impact			-			
				0	No direct revenue		
4.1	Will the project bring in direct		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	No direct revenue	0
	revenue?			5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
		15		0	Negative impact on the local economy		
	Are there indirect economic benefits from this project in the long term, e.g.	15		2.5	Little or no long term economic development benefits	Significant competitive	
4.2	employment creation, investment generation, increase in land/property		7.5	5	Additional investment in the area and increased wealth for citizens	advantage to industry and boost to the local economy	7.5
	prices, reduction in citizens' expenditures, etc.?			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		10	10	Yes	Yes	10
5.1	(If required)?		10	0	No	165	10
	Has funding been secured/allocated	30		5	Yes		
5.2	within the Local Government budget or whether the external sources of funding have been secured?		5	0	No	Yes	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Will the president and engraved from			1	Difficult		
5.3	Will the project get approval from higher levels of Government?		5	2.5	Standard	Easy	5
	light levels of dovernment:			5	Easy		
	Face of implementation of project in			1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Easy	5
				5	Easy		
				0	Outside expertise needed for constructio		
				0	n, O&M		
	Is there a capable system in place to			1	Outside expertise needed for constructio	Outside expertise needed for	
5.5	implement and operate this project or		5	L	n phase only	construction phase only	1
	is external support needed?			3	Outside expertise needed for preparatio	construction phase only	
				3	n phase i.e. feasibility studies		
				5	No outside expertise needed		
iotal A	chieved Score						81

# Annexure D. Environmental and Social Considerations in IDAMP<sup>3</sup>

## 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.

<sup>&</sup>lt;sup>3</sup> 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 18<sup>th</sup> 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 applicable determine quality municipal be to the of wastewater where wastewater is treated. to be

# 1.4. Other Environment Related Legislations:

Sr. #	Act	Description	Applicability to sub-project
1.	Punjab Environment Protection Act, 1997 (as amended up to 2017)	The Act establishes the Environmental Protection Agency that deals with the preparation of national environmental policies, prepare & publish national environment report, ensure the enforcement of National Environmental Quality Standards, establishment of ambient air, water and land quality standards, measures to control environmental pollution. Additionally, under this Act, no proponent of a project shall commence construction or operation unless he has filed with the Provincial Agency an initial environmental examination or, where the project is likely to cause an adverse environmental effect, an Environmental Impact Assessment (EIA/ESIA), and has obtained from the approval in respect thereof.	Section 11,12,13 and 14 of PEPA, 2012 shall be applicable to all the new infrastructure projects.
2.	Punjab Environment Protection Review of IEE/EIA Regulations 2022	Provided that the proponent shall file an Initial Environmental Examination or Environmental Impact Assessment, if the project is likely to cause an adverse environmental impact	<ul> <li>These regulations have two schedules I &amp; 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.</li> <li>The sector wise screening of MCs subprojects as per</li> </ul>

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

Sr. #	Act	Description	Applicability to sub-project
			Osmosis, Ultra filtration and such like) with total cost more than Rs. 50 million2. Wastewater channels / Sewerage System Schemes 3. Combined Wastewater Treatment Plants with treatment capacity greater than 100m3/hrWaste Storage and DisposalDisposal1. Landfill sites autoclaves 3. Hazardous substance or waste storage warehouse
3.	Delegations of power for Environment Approvals Rule 2017	According to these rules the powers of environmental approval are delegated to commissioner for specific types of projects	<ul> <li>Under PCP the clause of h, n and o are applicable.</li> <li>clause h Construction of roads fallings within the jurisdiction of a district, expecting highways, expressways and motorways</li> <li>Clause o solid waste management excepting landfills</li> <li>Clause p water supply schemes /water purifications</li> </ul>
			plants costing upto Rs. 20,000/-

Sr. #	Act	Description	Applicability to sub-project
4.	Notification No. SOG/ EPD/5-86/2019 delegation of powers to Deputy Commissioner	According to this notification the powers of environmental approval are delegated to deputy commissioner for specific types of projects	Under PCP clause g is applicable Bus and Wagon stands od category C with area upto 8 kanal.
3.	Pakistan Penal Code, 1860	The Code deals with the offences where public or private property or human lives are affected due to intentional or accidental misconduct of an individual or organization. The Code also addresses control of noise, noxious emissions and disposal of effluents.	The provisions of the Penal Code, 1860 are applicable to the project in terms of penalties for effecting human lives and public property. It also addresses the control of noise, air emissions and effluent disposal.
4.	Motor Vehicle Rules, 1969	It defines powers and responsibilities of Motor Vehicle Examiners (MVEs). The establishment of MVE inspection system is one of the regulatory measures that can be taken to tackle the ambient air quality problems associated with the vehicular emissions during operation phase.	This act is applicable to the gaseous emission that will be released from the vehicles in operation phase at machinery used during construction phase of this subproject.
5.	The Land Acquisition Act, 1894	The Land Acquisition Act, 1894, is a "law for the acquisition of land needed for public purposes and for companies and for determining the amount of compensation to be paid on account of such acquisition".	This act will not be triggered as no land acquisition is required.
6.	The Punjab Land	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. The Punjab Antiquities Amendment Act, 2012 is adopted	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	<ul> <li>The Pulliab Antiquities Antiquities Act of 1975 with a few</li> <li>minor changes. The Antiquities Act, 1975 (amended in</li> <li>1990) states the following: <ul> <li>"Ancient" is any object that is at least 75 years old;</li> <li>All accidental discoveries of artifacts must be reported to the Federal Department of Archaeology;</li> <li>The Government is the owner of all buried antiquities discovered on any site, whether protected or otherwise;</li> <li>All new construction within a distance of 200 feet from protected antiquities is forbidden;</li> <li>No changes or repairs can be made to a protected monument, even if it is owned privately, without approval of the responsible</li> </ul> </li> </ul>	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.	
		As per PLGA 2019 Functions of a Metropolitan	
		Corporation, Municipal Corporation and Municipal	
		Committee:	
	Punjab Local	Part I	All the related clauses of this Act shall be applicable for
13	Government Act, 2019	(g) Solid waste collection and disposal;	MCs.
		(h) Sewerage collection and disposal including water	IVICS.
		management and treatment;	
		(i) Building control and land use;	
		(j) Births, deaths, marriages and divorce registration;	

Sr. #	Act	Description	Applicability to sub-project
		(k) Museums and art galleries;	
		(I) 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.	
		Guidelines for preparation and Review of Environmental	
		Reports were issued by Pak EPA in 1997 under Pakistan	
	Guidelines for	Environment Protection Act, 1997 and are adopted by	
	Preparation and Review	Punjab Environment protection Agency after 18 <sup>th</sup>	These guidelines shall be applicable during preparation
14	of Environment Reports,	Amendment. These guidelines describe the steps in IEE	and review of IEEs/EIAs of new infrastructure
	1997	Preparation, format of IEE Reports, assessing impacts,	development projects.
		mitigation and impact management, reporting, reviewing	
		and decision making, monitoring and auditing and project	
		management.	
	Guidelines for Public	These guidelines address possible approaches to public	Public consultation and citizens engagement is mandatory
15	Consultation, 1997	consultation and techniques for designing an effective	at projects planning and design phase and these
		program of consultation that reaches all major	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).	
		These guidelines give details about disclosure of	
		environmental information. These guidelines have 2	
	Cuidalines fan Desulation	parts:	
	Guidelines for Regulation	First part deals with Public Disclosure instructions	These guidelines will be applicable for public disclosure of
10	of Disclosure of	regarding arrangement of public disclosure of	environment related information of IEEs/EIAs or any other
16	Environmental	environment information and maintenance of record in	interventions that may cause any harm to the
	Information & Citizen	indexed form	environment.
	Engagement 2020	Second part is regarding Citizen Engagement, and it gives	
		detailed information regarding citizen engagement and	
		Grievance redress mechanism.	
	Canal and Drainage Act	The CDA focuses on construction and maintenance of	This act shall be applicable for all the subprojects of MCs
17	1873 and Amendment	drainage channels and defines powers to prohibit	where untreated wastewater is being dispose off to the
	Act 2016	obstruction or order their removal. It also covers issues	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."	
		The Act requires the protection of wildlife species	This act shall be applicable in case any harm to wildlife is
	Punjab Wildlife	declared as endangered/threatened and rare. It gives	assessed at the stage of early screening or if there is any
18	Protection, Conservation	protection to these species by declaring their natural	potential risk identified to the wildlife during or after
10	and Management Act,	living environment as protected and reserved, which	execution of the subprojects/projects related to
	1974	includes areas such as national parks, wildlife sanctuaries,	infrastructure development and municipal service
		and game reserves.	delivery.
	Guidelines and Checklists	Punjab EPA has also designed the following	Checklists for IEE and EIA shall be applicable to all the new
19		Guidelines/Checklists for IEE/EIA Projects:	infrastructure development projects.
19	adopted by GOP after 18th Amendment	Check List for IEE (updated September 2020)	Following Guidelines shall be applicable for MC's
	10th Amenument	Check List for EIA (updated September 2020)	municipal service delivery projects:

Sr. #	Act	Description	Applicability to sub-project
		After 18 <sup>th</sup> Amendment, Punjab EPA has adopted the	✓ Urban Roads
		following sectoral Guidelines that were prepared by	✓ Water Supply
		other provinces and were earlier adopted by Pak EPA:	✓ Sanitation Schemes
		✓ Poultry Farms	✓ Major Sewerage Schemes
		✓ Urban Roads	
		✓ Rural Schools	
		✓ Housing Schemes	
		✓ Petrol & CNG	
		✓ Forest Road	
		✓ Forest Harvesting	
		✓ Water Supply	
		✓ Tourist Facilities	
		✓ Sanitation Schemes	
		<ul> <li>Major Chemicals and Manufacturing Plants</li> </ul>	
		✓ Flour Mills	
		✓ Carpet Manufacturing	
		✓ Housing Estates and New Town Development	
		✓ Industrial Estate	
		✓ Major Roads	
		✓ 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	Type of Sub-projects	Nature of Environmental Issues	Env.	Social	Instruments Required
	Categories			Category	Category	
			Waste Manageme	nt		
	Solid Waste	Collection Equipment, Collection Bins	Negligible environmental impacts	E3	53	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
1.		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		May have some negative to significant environmental and social impacts depending upon the scope of work	E1 or E2	ESMP for repair and maintent network or IEE/EIA for new E1 or E2 S1 or S2 per scope of work and environ and categorization given in So of PEPA Review of IEE/EIA Reg		
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 of systems environmental and social impacts depending upon the scope of work		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 a roads <sup>4</sup>	nd maintenance of urban	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 secu	rity 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 o	f Bus Stands/Terminals <sup>5</sup>	May have negligible environmental impacts	E2	E2	ESMP
5.			Social and Livability Infra		1	
	Urban greenery	and public spaces	May have negligible environmental impacts	E2	S2	ESMP
	Construction of	Community Parks <sup>6</sup>	May have some negative but localized environmental and social impacts	E2/E1	S2/S1	ESMP/IEE/EIA
	Rehabilitation	abilitation /Maintenance of May have negligible environmental impacts		E2	S2	ESMP

<sup>4</sup> After 18<sup>th</sup> 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

<sup>5</sup> 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 Parl	<s< td=""><td></td><td></td><td></td><td></td></s<>				

## 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 I	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 of Parks 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	Costs			Benefits				PV @ %	22.32	
Year No.		Capital Cost	O&M Cost	D&M Cost Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction	Total Benefits	Net (Cost)/ Benefits	Discount Factor	PV
		A	В	C=A+B	D	E	F	G=D+E+F	H=G-C	l=(1.22.32)^n	J=Hxl
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	-
Г	otal	40	-	40	-	-	2,405	2,405	2,365		87

#### 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.
- <sup>5</sup> 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/	25	
Transmission Mains	25	
Sewerage/ RCC Pipelines	25	
Vehicles	10	
Machinary & Equipment	15	

- 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	

			Costs			Ben	efits			PV @ %	22.32
Year No.	Year	Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Reduction	Total Benefits	Net (Cost)/ Benefits	Discount Factor	PV
		A	В	C=A+B	D	E	F	G=D+E+F	H=G-C	l=(1.22.32)^n	J=Hxl
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
٦	otal	200	1,089	1,289	2,794	-	-	2,794	1,505		(83)

#### 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.
- <sup>5</sup> 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/	25
Transmission Mains	25
Sewerage/ RCC Pipelines	25
Vehicles	10
Machinary & Equipment	15

- <sup>8</sup> 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	

			Costs			Ben	efits			PV @ %	22.32
Year No.	Year	Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Reduction	Total Benefits	Net (Cost)/ Benefits	Discount Factor	PV
		A	В	C=A+B	D	E	F	G=D+E+F	H=G-C	l=(1.22.32)^n	J=Hxl
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
Ţ	Fotal	90	133	223	5,029	-	-	5,029	4,806		136

#### 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.
- <sup>5</sup> 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/	25
Transmission Mains	25
Sewerage/ RCC Pipelines	25
Vehicles	10
Machinary & Equipment	15

- <sup>8</sup> 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	

			Costs			Ben	efits			PV @ %	22.32
Year No.	Year	Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction	Total Benefits		Discount Factor	PV
		A	В	C=A+B	D	E	F	G=D+E+F	H=G-C	I=(1.22.32)^n	J=Hxl
-	2023-2024	90.00	0.45	90				-	(90)		(90)
	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
	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
	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
	2044-2045		10.38	10	393.37			393	383	0.01	6
	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
Т	otal	90	133	223	5,029	-	-	5,029	4,806		136

#### 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.
- <sup>5</sup> 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/	25			
Transmission Mains	25			
Sewerage/ RCC Pipelines	25			
Vehicles	10			
Machinary & Equipment	15			

- 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