

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 Muridke May 2023







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# 1 Introduction

## **Section 1. Introduction**

#### 1.1. Context

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

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

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

## 1.2. Scope

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

## 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
Α	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 E** 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%

Sr.	Sectors/ Projects	Annual O&M Cost (%age of Capital Cost)
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 Muridke. 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 Muridke. 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 Muridke 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:
  - o Served and built-up areas for different sectors were calculated from the relevant sectors' maps;
  - Total population of MC was taken from the sensus report of Pakistan Beuro of Statistics (PBS) while applying popupation growth rates for the incremental period;
  - o 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;
  - o 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, industry best practices and regulatory requirements.
- 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 Muridke

## Section 2. Overview - Municipal Committee Muridke

#### 2.1. Introduction

The city of Muridke is a major commercial area near the city of Lahore, Pakistan. It is located at 31°45′35N 73°50′16E and has an elevation of 205 m (675 ft) and is situated on the famous Grand Trunk Road and at the crossroads to Sheikhupura, Gujranwala and Narang Mandi/Narowal. The economic and social life of the city, which has three police stations and a railway station, mainly depends on Lahore.In 17th October 2005 Muridke became the headquarters of the newly created Muridke Municipal Committee of Sheikhupura District.¹

Municipal Committee Muridke facilitates its citizen towards sustainable economic growth, infrastructure development, social development and municipal services excellence. MC Muridke promises to provide the basic amenities to general public with full dedication, commitment and exuberance and always striving hard to create business conducive environment, Citizen Centric (Baldia to Citizen) environment and implementation of E-Governance initiatives. MC Muridke plans to establish orderly development, well maintained infrastructure and efficient delivery of social services to its people.

### 2.2. Functions of Municipal Committee Muridke

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;

<sup>&</sup>lt;sup>1</sup> https://mcmuridke.lgpunjab.org.pk/about-us/history/

- firefighting;
- street lighting;
- parks, playgrounds, open spaces;
- parking stands;
- graveyards;
- arboriculture/ tree afforestation;
- parking places;
- transport stations, stops, stands and terminals;
- slaughterhouses;
- municipal libraries;
- community and cultural centers;
- land use planning;
- building control; and
- environmental protection

## **Existing Asset Inventory Analysis**

## Section 3. Existing Asset Inventory Analysis

Over the years, MC Muridke 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 Muridke based on its' functions is presented below:

Table 1: Asset Summary

Sr No.	Asset Category	Asset Sub-Category	Unit	Total
		Tube wells	No.	17
1	Water Supply System	Water Supply Network	Meter	154,799
1	Water Supply System	OHR	No.	2
		Movable Assets (Vehicles/Machinery)	No.	1
		Sewerage Network	Meter	146229
2	Sewerage System	Disposal Stations	No.	1
		Movable Assets (Vehicles/Machinery)	No.	15
3	Recreational	Park	No.	5
1	SWM Descured	Dumping site	No.	1
4	SWM Resource	Movable Assets (Vehicles/Machinery)	No.	636
5	Bus Stands	Bus Stand	No.	1
	Duildings	Offices	No.	1
6	Buildings	Shops	No.	1
7	Public Places	Slaughter Houses	No.	1
8	Street Lights		No.	225

Sr No.	Asset Category	Asset Sub-Category	Unit	Total
9	Roads		Km.	12.96
10	Office Vehicles	Office Vehicles	No.	3

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

## 3.2. Condition of Existing Assets

The condition of assets of MC is presented below:

Table 2: Condition of Existing Assets

Asset		Asset Condition						
Category	Asset Sub-Category	Excellent (A)	Good (B)	Fair (C)	Poor (D)	Failing (E)	Unit	Total
	Tube wells	-	7	5	5	-	No.	17
Water Supply	Water Supply Network	-	-	154,799	-	-	Meter	154,799
System	OHR	-	-	-	2	-	No.	2
	Movable Assets (Vehicles/Machinery)	-	1	-		-	No.	1
	Sewerage Network	-	89130	-	57099	-	Meter	146229
Sewerage	Disposal Stations	-	1	-	-	-	No.	1
System	Movable Assets (Vehicles/Machinery)	-	7	8	-	-	No.	15
Recreational	Park	-	3	1	1	-	No.	5
	Dumping site	-	-	1	-	-	No.	1
SWM Resource	Movable Assets (Vehicles/Machinery)	599	30	7	-	-	No.	636
Bus Stands	Bus Stand	-	-	1	-	-	No.	1

Asset Category		Asset Condition						
	Asset Sub-Category	Excellent (A)	Good (B)	Fair (C)	Poor (D)	Failing (E)	Unit	Total
B	Offices	-	1	-	-	-	No.	1
Buildings	Shops	-	1	-	-	-	No.	1
Public Places	Slaughter Houses	-	-	1	-	-	No.	1
Street Lights		107	-	-	-	118	No.	225
Office Vehicles	Office Vehicles	-	-	2	1	-	No.	3
Roads	-	-	-	9.5	3.46	-	Km.	12.96

## Level of Services (LOS)

## Section 4. Level of Services (LOS)

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

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

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

Table 3: Current & Target LOS

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Means to achieve target/ project name	Timeframe (FY)
Water supply and control and development of water sources;	Water Supply Coverage by MC %	Percentage of area, where water supply network is available in comparison to total built up area.	51%	51%		
	Water Supply Coverage by private wells %	Percentage of area, where residents have own water sources.	49%	49%		
	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.	16.1	22	Replacement of Water Supply System in Muridke City	2023- 2024
	Non-revenue water %	Difference between total water produced (ex -treatment plant) and total water sold expressed as a percentage of total water produced.	51%	51%		

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)
	Pipe breaks (Leakages/Breaks /Km)	Total number of pipe leakages/breaks per year expressed per km of the water distribution network.	N/A	Improved services quality would result in fewer leakages/ breaks	Replacement of Water Supply System in Muridke City	2023- 2024
	Unit operational cost - water sold (production cost at consumer end) (PKR)	Total annual operating expenses divided by the total annual volume of water sold.	0.05	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 of water produced.	0.03	0.02	Solarization of Tube wells and Water Supply System	2023- 2024
	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.	49%	42%	Solarization of Tube wells and Water Supply System	2023- 2024
	Unfit water samples % (not conforming with the requirements of NEQ)	Total number of unfit water samples (not conforming with the requirements of NEQ) expressed as a percentage of total samples taken	N/A	Conformance with NEQ	Replacement of Water Supply System in Muridke City	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.	N/A	Improved services quality would result in fewer complaints	Replacement of Water Supply System in Muridke City	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)	86%	86%		
	Risk of crown failure	Whether there is an indication of crown failure?	No	No		
Sewage and sewage treatment and disposal;	Sewerage blockages (Blockages/KM)	Total number of blockages/ complaints per year expressed per km of sewers	N/A	Replacement of sewers would result in fewer blockages	Replacement of lateral sewer between G.T road and Canal Road in Muridke City	2023- 2025
	Sewerage staff per 1000 sewerage connections (Number)	Total number of sewerage staff expressed as per thousand sewerage connections	0.11	0.11		
	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.	NIL	NIL		

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.	NIL	NIL		
	Sewerage Complaints (%)	Total number of sewerage complaints per year expressed as a percentage of the total number of sewerage connections.	.21%	Replacement of sewers would result in fewer complaints	Replacement of lateral sewer between G.T road and Canal Road in Muridke City	2023- 2025
Storm water drainage;	Storm water drainage coverage (%)	The percentage of MC area that the drainage system protects from flooding.	86%	86%		
	Collection efficiency (%)	Total amount of solid waste collected expressed as a percentage of total solid waste produced.	63%	63%		
	Disposal efficiency (%)	Total amount of solid waste disposed off expressed as a percentage of total solid waste collected.	100%	100%		
Sanitation and solid waste collection and	Door-to-door %	Percentage of area with door-to-door solid waste collection.	NIL	NIL		
disposal of solid wastes, treatment and disposal	Primary SWM Coverage each day in localities %	Percentage of area from which the sanitary staff sweeps & collects waste each day	63%	63%		
including landfill site and recycling plants;	Primary SWM Coverage each day in Roads %	Primary SWM Coverage each day in Roads	63%	63%		
	Open Collection Points (Number)	Open Collection Points	32	32		
	Secondary collection machinery (Number)	Secondary collection machinery	6	6		
	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).	Yes	Yes		
	Mechanism for Final Disposal	Is there any mechanism for Final Disposal?	No	No		
	Roads with condition "A" (Excellent) %	Total number of roads with condition "A" expressed as a percentage of total roads.	О%	О%	1.Improvement and Construction of Roads &	
	Roads with condition "B" (Good) %	Total number of roads with condition "B" expressed as a percentage of total roads.	Ο%	17%	Chowks in MC Muridke. 2.Improvement	2023-24
Roads and streets;	Roads with condition "C" (Fair) %	Total number of roads with condition "C" expressed as a percentage of total roads.	73%	73%	and Rehabilitation of P2- Canal Road in	2023-24
	Roads with condition "D" (Poor) %	Total number of roads with condition "D" expressed as a percentage of total roads.	27%	10%	MC Muridke.  3.Improvement &	2024-25
	Roads with condition "E" (Failing) %	Total number of roads with condition "F" expressed as a percentage of total roads.	О%	О%	Rehabilitation of Roads Project in Muridke city	
Charattiatitian	Streetlight coverage. (%)	Percentage of area/roads with streetlights.	3.4%	3.4%		
treetlighting;	Working Streetlight %	Percentage of working streetlights as of total streetlights.	48%	48%		
Parks, Playgrounds, Open spaces;	Open spaces as percentage of total MC area. %	Open spaces as percentage of total MC area. %	0%	Ο%		

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)
	Playgrounds as percentage of total MC area. %	Playgrounds as percentage of total MC area. %	0.2%	0.2%		
	Parks with condition "A" (Excellent) %	Parks with condition "A" expressed as a percentage of total parks.	0%	Ο%		
	Parks with condition "B" (Good) %	Parks with condition "B" expressed as a percentage of total parks.	60%	80%	1.Rehab of Parks.	2023-24
	Parks with condition "C" (Fair) %	Parks with condition "C" expressed as a percentage of total parks.	20%	20%	2.Rehabilitation /	
	Parks with condition "D" (Poor) %	Parks with condition "D" expressed as a percentage of total parks.	20%	Ο%	Improvement of Park	2025-26
	Parks with condition "E" (Failing) %	Parks with condition "E" expressed as a percentage of total parks.	0%	Ο%		
	Parks as percentage of total MC area. %	Parks as percentage of total MC area. %	0.5%	0.5%		
	Graveyards as percentage of total MC area. %	Graveyards as percentage of total MC area. %	0%	0%		
	Graveyards with condition "A" (Excellent) %	Total area of graveyards with condition "A" expressed as a percentage of total area of graveyards.	0%	О%		
Graveyards;	Graveyards with condition "B" (Good) %	Total area of graveyards with condition "B" expressed as a percentage of total area of graveyards.	0%	0%		
	Graveyards with condition "C" (Fair) %	Total area of graveyards with condition "C" expressed as a percentage of total area of graveyards.	0%	О%		
	Graveyards with condition "D" (Poor) %	Total area of graveyards with condition "D" expressed as a percentage of total area of graveyards.	0%	О%		

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 "E" (Failing) %	Total area of graveyards with condition "E" expressed as a percentage of total area of graveyards.	0%	0%		
Transport stations, stops, stands and	Ratio of bus stations to the total length of roads	Ratio of bus stations to the total length of roads	`1:204	`1:204		
terminals;	Adequacy of facilities at bus stands	Adequacy of facilities at bus stands	Yes	Yes		
	Adequacy of slaughterhouses	Adequacy of slaughterhouses keeping in view the population of the MC	No	No		
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	Yes	Rehabilitation of slaughterhouse	2025-26
	Total number of Libraries per 100,000 persons	Total number of Libraries per 100,000 persons	NIL	NIL		
Municipal libraries;	Adequacy of facilities in library	Adequacy of facilities in library in terms of books, computers, furniture, airconditioning, lighting, drinking water etc.	N/A	N/A		

#### 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 Muridke 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

## 5IDAMP Projects

## **Section 5. IDAMP Projects**

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

**Table 4: IDAMP Projects** 

				Total	2023-	24	2024	l-25	2025	5-26	Project
Sr. No.	Project ID	Project Name	Asset Category	Capial Cost	Capital	O&M	Capital	O&M	Capital	O&M	Screening
			outrage, ,			(Millions)					(Score)
1	01-05-01- 02-01	Improvement & Rehabilitation of water supply system in Muridke City	Water Supply	80.00	80.00	4.00	1	4.00	-	4.00	87
2	01-05-01- 02-02	Improvement & Rehabilitation of water supply system in Muridke City	Water Supply	23.00	23.00	1.15	-	1.15	-	1.15	87
3	01-05-01- 06-01	Construction of Underground Water Storage Tank	Water Supply	400.00	200.00	1	200.00	10.00	1	10.00	87
4	01-05-02- 01-01	Replacement of lateral sewer between G.T road and Canal road in Muridke City	Sewerage	342.00	171.00	1	171.00	8.55	1	8.55	84
5	01-05-04- 01-01	Improvement & Rehabilitation of Roads Project in Muridke city	Roads	170.41	-	1	170.41	8.52	-	8.52	74
6	01-05-05- 06-01	Rehabilitation of slaughter house	Slaughterhouse	87.13	-	-	-	-	87.13	2.18	62

				Total	2023-	24	2024	-25	2025	5-26	Project
Sr. No.	Project ID	Project Name	Asset Category	Capial Cost	Capital	O&M	Capital	O&M	Capital	M&O	Screening
			o accigating			(M	illions)				(Score)
7	01-05-05- 01-01	Rehabilitation / Improvement of Park	Parks	50.00	-	1	50.00	1.25	1	1.25	74
8	01-05-06- 01-01	Solarization of the municipal buildings	Buildings	100.00	100.00	0.50	i	0.50	1	0.50	80
9	01-05-04- 03-01	Repair & Replacement of Streetlights	Streetlights	2.50	2.50	0.06	1	0.06	1	0.06	80
10	01-05-01- 01-01	Solarization of Tube wells and Water Supply System	Water Supply	150.00	150.00	0.75	-	0.75	1	0.75	80
11	01-05-05- 01-02	Rehabilitation of Parks	Parks	400.00	400.00	10.00	-	10.00	-	10.00	80
12	01-05-04- 01-02	Improvement and Construction of Roads & Chowks in MC Muridke	Roads	232.61	232.61	11.63	-	11.63	-	11.63	81
13	01-05-04- 01-03	Improvement and Rehabilitation of P2- Canal Road in MC Muridke	Roads	239.96	239.96	12.00	-	12.00	1	12.00	81
		Total	-	2,277.61	1,599.07	40.09	591.41	68.41	87.13	70.59	

## 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.	Service Sector	Project ID	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
1	Water Supply	01-05-01-02-01	Improvement & Rehabilitation of water supply system in Muridke City	The Project has the following objectives;  1. Project's design objectives are to provide move efficient and cost effective water supply services targeting the population densities of 2032.  2. The proposed water supply network will able the MC to fulfil the basic water needs of the city.  3. It will improve the supply network and control the losses.  4. Reduced the or nullify the gap between demand and supply of this project area.  5. It will provide the more safe / quality improved water to the consumers.  6. Provide the better or improved nodel pressure.	Areas served by following Tube wells: 1. Old Daoke 2. Rehman Park 3. Rehman Pura 4. Bus Stand 5. MC Office 6. Qazzafi Park 7. Peeran Mandi 8. Old Committee 9. Nizam Park 10. Ahmad Pura 11. Basra Colony	80	4	Areas served by following Tube wells: 1. Old Daoke 2. Rehman Park 3. Rehman Pura 4. Bus Stand 5. MC Office 6. Qazzafi Park 7. Peeran Mandi 8. Old Committee 9. Nizam Park 10. Ahmad Pura 11. Basra Colony

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

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Sr. No.	Service Sector	Project ID	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
				7. Will prode the the chance to MC to improve its capacity. 8. Provide a well maintained and monitored water supply network within the targeted project area				
2	Water Supply	01-05-01- 02-02	Improvement & Rehabilitation of water supply system in Muridke City	The Project has the following objectives;  1. Project's design objectives are to provide move efficient and cost effective water supply services targeting the population densities of 2032.  2. The proposed water supply network will able the MC to fulfil the basic water needs of the city.  3. It will improve the supply network and control the losses.  4. Reduced the or nullify the gap between demand and supply of this project area.  5. It will provide the more safe / quality improved water to the consumers.  6. Provide the better or improved nodel pressure.  7. Will prode the the chance to MC to improve its capacity.  8. Provide a well maintained and	- Replacement of 4 pumpsets - Installation of capacitors	23	1.15	Muridke City

Sr. No.	Service Sector	Project ID	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
				monitored water supply network within the targeted project area				
3	Water Supply	01-05-01- 06-01	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	400	10	Muridke City
4	Sewerage	01-05-02- 01-01	Replacement of lateral sewer between G.T road and Canal road in Muridke City	1. Improvement of service delivery level of the sewerage sector for provision of better basic urban services for improved livability of the citizen.  2. Reduction in surcharging and overflowing of sewers thus reducing waste water ponding in the city.  3. Elimination of damages to public and private properties  4. Elimination of traffic hazards created due to waste water flooding  5. Provision of ease for pedestrians who are presently	1. Replacement of Lateral Sewer line 2. Construction of Man Hole Chambers 3. Electrical Works 4. Desilting of Existing Sullage Carrier/Storm Water Drain 5. Sewer House Connections	342	8.55	

Sr. No.	Service Sector	Project ID	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
				obstructed due to waste water ponding. 6. Reduction of wear and tear of vehicles travelling in ponding areas 7. Provision of clean approach for the citizen for commercial and residential areas 8. Elimination of foul & obnoxious smell and suffocation created by waste water ponding 9. Reduction of water borne and water related diseases 10. Improvement of environments of the city 11. Improvement of local economy due to improved municipal infrastructure 12. Improvement in growth potential of the city due to improved municipal infrastructure and clean environments of the city.				
5	Roads	01-05-04- 01-01	Improvement & Rehabilitation of Roads Project in Muridke city	<ol> <li>Improvement of service delivery level of the municipal services in the sector of communication.</li> <li>Better travelling facilities for the commuters.</li> <li>Reduction in road accidents.</li> <li>Saving in travelling and repair cost of the vehicles.</li> </ol>	1. Rehabilitation of Existing Pavement Structure 2. Pavement Marking 3. Improvement of drainage	170.41	8.52	Canal Road (From West of G.T Road Daokey to Basra Bridge)

Sr. No.	Service Sector	Project ID	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
				5. Reduction in annual maintenance charges of roads and parks 6. Better lit roads and streets adding to security of people travelling at night. 7. Improvement in environments of the city making them livable. 8. Improvement in local and province economy. 9. Improvement in the economic growth potential of the city.	system 4. Street Light			
6	Slaughterhouse	01-05-05- 06-01	Rehabilitation of slaughter house	Ensure compliance with sanitation and hygiene standards. Improve the welfare and treatment of animals. Enhance public health and safety. Increase the efficiency of the slaughter process. Reduce operating costs and increase profitability. Upgrade facilities and equipment to meet modern standards. Minimize the impact on the environment. Ensure compliance with regulatory requirements. Improve working conditions for employees.	1. Evisceration Hall 2. Meat Cutting Room 3. Blood Collection Arrangements 4. Skin Storage Room 5. Tools Disinfectant System 6. Health and Hygiene SOPs 7. Refrigeration / Storage System 8. Separate Facility for Sick Animals	87.13	2.18	Daoke, Muridke

Sr. No.	Service Sector	Project ID	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
				Improve the overall performance of the slaughterhouse.	9 Doctor's room 10 Solid waste collection and disposal system			
7	Parks	01-05-05- 01-01	Rehabilitation / Improvement of Park	1. To reduce urban heat island effect. 2. To provide active and passive recreational opportunities 3. To contribute to the health and wellness of a community 4. To create valuable green space 5. To combat air pollution caused by vehicles and industries 6. Improvement in environments of the city making them livable. 7. Improvement in local and province economy. 8. Improvement in the economic growth potential of the city.	1 Guard Room 2 Toilet Block 3 Tuck Shop 4 Prayer Room 5 Gardener Room 6 Shopping + Sitting Area 7 Store Room 8 Bird Cage 9 BBQ Pit (2 Nos.) 10 Gazebo (4 Nos.) 11 Percolation Well & Drainage System 12 Boundary Wall 13 Other Facilities 14 External Works	50	1.25	Techno Park
8	Buildings	01-05-06- 01-01	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	Solarization of the municipal buildings based on the site load and installation	100	0.5	Muridke City

Sr. No.	Service Sector	Project ID	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
				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.	capacity assessment			
9	Streetlights	01-05-04- 03-01	Repair & Replacement of Streetlights	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	Installation of LEDs at all non- functional MC operated streetlights	2.5	0.063	Muridke City

Sr. No.	Service Sector	Project ID	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
				maintenance downtime. Ensure compliance with regulatory requirements. Increase the lifespan of the street lighting system.				
10	Water supply	01-05-01- 01-01	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.	150	0.75	Muridke City
11	Parks	01-05-05- 01-02	Rehabilitation of Parks	1.The project's main objective is to rehabilitate the existing park with the upgradation to the existing & new facilities to provide the local community a recreational space with all the	Rehab of park alongwith the railway line MC Muridke.	400	10	MC Muridke

Sr. No.	Service Sector	Project ID	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
				allied facilities.  2. The project also aims to construct a green space equipped with all the facilities that should be provided in a thriving neighborhood.  3. To create safe neighborhoods for the people.  4. To create valuable green spaces.  5. To enhances the aesthetic beauty of the city.  6. To contribute the health and wellness of the community.  7. Ornamental plants, green areas & rain water harvesting structures.				
12	Roads	01-05-04- 01-02	Improvement and Construction of Roads & Chowks in MC Muridke	The Project has the following objectives; 1. Improvement of service delivery level of the municipal services in the sector of communication. 2. Better travelling facilities for the commuters. 3. Reduction in road accidents. 4. Saving in travelling and repair cost of the vehicles. 5. Reduction in annual maintenance charges of roads and parks	Geometric Improvement and Rehabilitation of Existing Pavement Structure, Pavement Marking, Improvement of drainage system	232.61	11.6305	1.Hussain Town Road 2. Muridke Distributary Road 3. Haddoke Bazar Road 4. Bangla Pully Road 5. Main Bazar Road 6. Main Bazaar Daoke Road

Sr. No.	Service Sector	Project ID	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
				6. Better lit roads and streets adding to security of people travelling at night. 7. Improvement in environments of the city making them livable. 8. Improvement in local and province economy. 9. Improvement in the economic growth potential of the city.				
13	Roads	01-05-04- 01-03	Improvement and Rehabilitation of P2- Canal Road in MC Muridke	The Project has the following objectives;  1. Improvement of service delivery level of the municipal services in the sector of communication.  2. Better travelling facilities for the commuters.  3. Reduction in road accidents.  4. Saving in travelling and repair cost of the vehicles.  5. Reduction in annual maintenance charges of roads and parks  6. Better lit roads and streets adding to security of people travelling at night.  7. Improvement in environments of the city making them livable.  8. Improvement in local and province economy.  9. Improvement in the economic growth potential of the city.	Rehabilitation of Existing Pavement Structure, Pavement Marking, Improvement of drainage system, Street Light	239.96	11.998	West of G.T Road Daokey to Basra Bridge, Muridke City

# 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 Muridke is given below:

Table 6: Financial Projections

Amount in PKR Million

Year	202	23-24	202	24-25	202	25-26
Category	Capital Cost	O&M Cost	Capital Cost	O&M Cost	Capital Cost	O&M Cost
Water Supply	453.00	5.90	200.00	15.90	-	15.90
Sewerage	171.00	•	171.00	8.55	•	8.55
Roads	472.57	23.63	170.41	32.15	•	32.15
Slaughterhouse	-	•	-	-	87.13	2.18
Parks	400.00	10.00	50.00	11.25	-	11.25
Buildings	100.00	0.50	-	0.50	•	0.50
Streetlights	2.50	0.06	-	0.06	-	0.06
Total	1,599.07	40.09	591.41	68.41	87.13	70.59

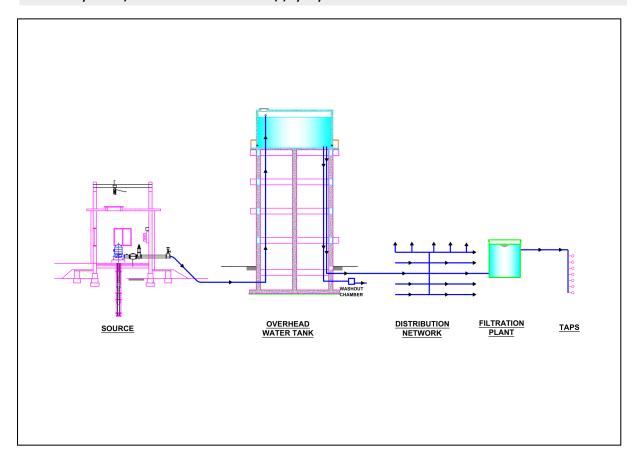
Capital cost of the projects incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.

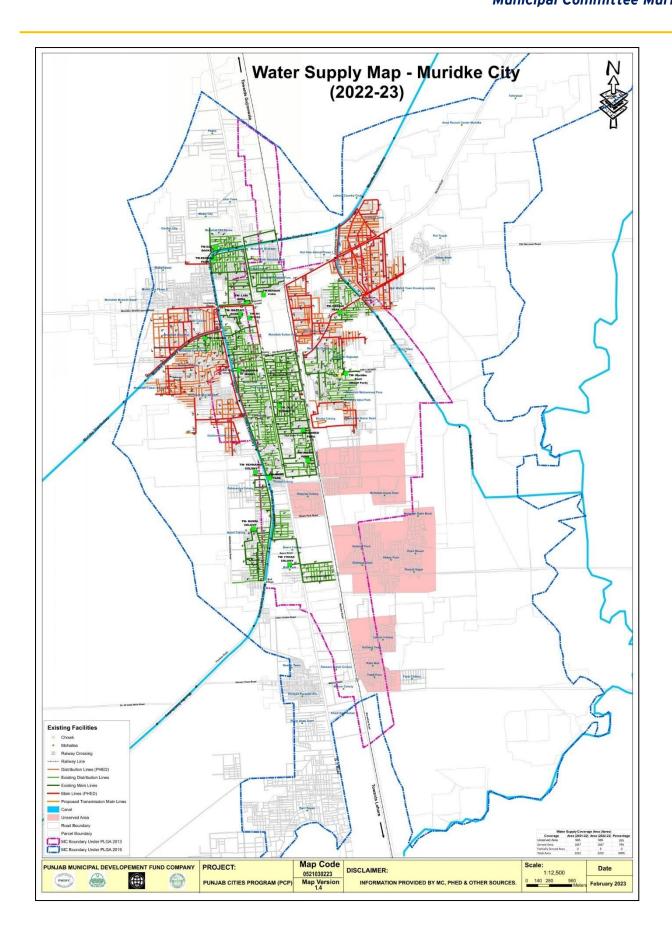
Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.

## Annexure

### **Annexure A. Detail of Assets**

- 1. Water Supply:
- A. Key Components of a Water Supply System





#### B. Tube well

Sr #	Name	Pump Age (Years)	Condition	Status	Book Value (PKR)	Discharge (cusec)	Pump Make	Motor Make	Motor hp
1	Bus Stand Muridke	3	Good	Functional	13	1	PECO	PECO	25
2	Supply Scheme #10 - Mohala Qadafi park	3	Good	Functional	17	1	KSB	SIEMENS	25
3	Supply Scheme #8 - Old Dawke Muridke	3	Fair	Functional	8.3	1	KSB	SIEMENS	25
4	Hadokay Mohallah	3	Fair	Functional		1	KSB	SIEMENS	25
5	Pera Mandi	44	Poor	Functional	0.8	1	Local Made	SIEMENS	25
6	Mohallah Canal Park	2	Good	Functional		1	PECO	SIEMENS	25
7	Mohallah Rehmania Colony	25	Poor	Functional	0.7	1	KSB	SIEMENS	25
8	Mohallah Bassra Colony	3	Good	Functional	16	1	Local Made	SIEMENS	25
9	Supply Scheme #16 - Itahad Colony	8	Fair	Functional	4	1	FLOW PAK	SIEMENS	40
10	Water Supply Faisal Colony- Bilal Park/Municipality Office Site	2	Good	Functional	15	1	KSB	SIEMENS	25
11	Mohallah Rehman Purah	2	Good	Functional	17	1	KSB	SIEMENS	25
12	Supply Scheme #2 - Nizam Park	17	Poor	Functional	1.4	1	KSB	SIEMENS	25
13	Supply Scheme #4 - Mohallah Shaikhan	6	Poor	Functional	3	1	KSB	SIEMENS	25
14	Muridke Town	3	Good	Functional	17	1	KSB	SIEMENS	25
15	Hassan Park	6	Poor	Functional	0.7	1	KSB	SIEMENS	25
16	Supply Scheme #3 - Old Committee Office	3	Fair	Functional	14	1	PECO	PECO	25
17	Supply Scheme #1 - Ahmed Pura	6	Fair	Functional	3	1	FLOW PAK	SIEMENS	25

	ntegr	ated Develo	pment and Asse	et Ma	anag	eme	ent Pla	n (IDAN	1P)
		М	unicipal Commi	ttee	Mur	idke	<b>;</b>		
Form: IDAMP-A1		Asset	Tube Well Condition Asses	ssme	ent			As	sset
		Asset D	Detail Detail						Р
Name			Bus Sta	nd I	Murio	dke			
	Latit	ude	31.8						
Location	Long	itude	74.2	2518	334				
Address			Bus Star	nd, N	Murio	lke			1995
Area (Marla)			1	Marl	a			A. D.	
Working Status			Functional			Nor nctio	ı- onal		
Installation Year o	f Tub	e Well	2	022	)				
Installation Year o	f Pum	ıp	2	022	)				-
Capital Cost of Ma	chine	ry	60 L	acs	Pkr				
<b>Operational Hours</b>				8					Mur RITES Pouk b
Delivery Pipe	Dia			8"				soogle	1 el 31 L210 24/22
. ,	Mate	rial		d Ste	eel				
Chlorinator			Yes	ı		No			6
Chlorination Scheo	dule		Once in a Year	_	er 6 nths		No nedule	•	1
Apron Around Pun	пр Но	use	Yes			No	)	9	
Hoisting Girder			Yes			No	)		
Civil Structure Cor	nditio	n	Good	Fa	air	I	3ad		
Approach to Pump	Hous		Good	Fa	air		3ad	1	1-9
		Pump D							Mur R702 Park b
Pump Type				<u>ırbin</u>				Google	24/33
Pump Make	- (0		ŀ	<u>eco</u>				A se	
Discharge Capacit	•		1	1				AV	
Rotational Speed (		1		.465 12	)				
Housing Dia (inche	(S)			12 550					
Bore Depth (ft.) Head (ft.)				150					
Impeller Installation	n Dar	oth (ft )		$\frac{130}{110}$					
Paint of Pumping U		)(II (IL.)		Good					
T diffe of T diffpling V		Valve		1					Mur 1702
Number of Valves	Non-	Returning		1				Google	1 st 21 Long 24/22
Base Plate	Valve	?	Yes			NIZ	2	PE	MPAK
	ctro-	Mochanical	Equipment Deta	ile		No	)		MITAR
Transformer Capa				50					VIII CO
Sanctioned Load (		(		19					
Motor Power (HP)	,			30					
Motor Make			F	Peco					-
MCU			Yes			No	)		-
Earthing of Motor			Yes			No		No.	Mur R702 Pouk l
Power Wiring			Yes			No		Soogle	
Service Cable						No			
Earthing of MCU			Yes			No			
Energy Meter			Yes			No	)		



Pictures







Integr	ated Develop	ment and Asset Ma	nageme	ent Plan	(IDAMP)		
	Mu	nicipal Committee I	Muridke	•			
Form: IDAMP-A1	Asset C	Tube Well ondition Assessme	nt		Asset Code: Date: 24-04-2023		
Water Meter		Yes	No	)			
PFI Equipment		Yes No					
Generator		Yes	No	ס			
Change Over		Yes <b>No</b>					
		Overall Rating					
Average Score	1	2	3		4	5	
Asset Condition	Excellent	Good	Fair		Poor	Failing	
Category	Α	В	С		D	E	
	F	Remarks / Requiren	nents				
<ul> <li>No remarks</li> </ul>							
Data Collected By: Mr. J	'awad	Designation: Team Member			Sign & Date: 30-May-		
Data Checked By: Mr. M.	. Fiaz	Designation: Team	n Lead		2023 Sign & Date 2023	byshy e: 30 May	

ı	ntegrated D	evel	opment and As:	set Mai	nageme	ent Pl	an (IDAM	IP)
	Municipal Committee Muridke							
Form: IDAMP-A1		As	Tube We set Condition A		nent		As	set Code: Date: 24-04-2023
		A:	sset Detail					Pictures
Name				Qadaf	i Park			
Location	Latitude			31.80	8196			
Location	Longitude			74.25	1416			
Address			Supply Scheme# 10, Mohallah Qadafi Park					594 - 1072 5
Area (Marla)					1 Marla			
Working Status					Non-	Funct	ional	
Installation Year o	nstallation Year of Tube Well			20	22			
Installation Year o	nstallation Year of Pump			20	22			
Capital Cost of Machinery				60 Lac	cs Pkr			
Operational Hours				8				
Delivery Pipe Dia				8				Muridike, Punjab, Pakistan Erci «Fe, They vola bas Fe, Hondo Gaddoll Per Emilies Ziellid pors, Parjal, Pekater Lei 33-1615-56
	Material			Mild	steel			COORE DATABLE IN STANCOUT COOR
Chlorinator	hlorinator			A 61		No		42
Chlorination Scheo			Once in a Year		ter 6 onths		No hedule	Entrance -
Apron Around Pun	np House		Yes			No		
Hoisting Girder			Yes No					
Civil Structure Co			Good	Fa			Bad	
Approach to Pump	House		Good	Fa	air		Bad	
D		Pu	mp Details	T	• • •			Marida Burish Dakistan
Pump Type			Turbine				RTCL APE, Thury Wills Soon Rc, Mohard Goddstiffers Minister, Shell Approx, Purplet Behinters Let 31,46477	
Pump Make	·· (C		KSB				Goodle 24/33/28 II 93 AM OUT 00/30	
Discharge Capacit	•			140				
Rotational Speed ( Housing Dia (inche				14				
Bore Depth (ft.)	:5)			60				
Head (ft.)				15				A Partie
Impeller Installation	on Denth (ft	)		10				
Paint of Pumping		·/		Go				
, ,	Gate Valve			1				
Number of Valves	Non-Returi Valve	ning		1				Moridio, Punjab, Pakistan Pitta 4Fd, Tray 1008 2001 Fd, Hohato 02000 Fd/r Pitta 4Fd, Tray 1008 2001 Fd, Hohato 02000 Fd/r Pitta 4Fd, Tray 1008 2001 Fd, Hohato 02000 Fd/r Pitta 4Fd, Tray 1008 Edward 1000 Fd/r Pitta 4Fd/r
Base Plate			Yes			No		Enterior Control Property Control Cont
	Electro-Me	cha	nical Equipment	Detail	S			W
Transformer Capa				5				
Sanctioned Load (	Kw)			2	2			
Motor Power (HP)				3(	0			
Motor Make				Siem	nens			
MCU			Yes		No			
<b>Earthing of Motor</b>			Yes		No			
Power Wiring	Ţ		Yes		No			Muridke, Punjab, Pakistan RTC 4Ps, Irap viola žusa ke, Hohalo Goddali Perk Hamille, Slavid repos, Psylal, Pakaisa Lai Stalitzia
Service Cable			Yes		No			COOR 24/53/28 19-55 AM OVT - 05 GB
Earthing of MCU			Yes		No			
Energy Meter			Yes			No		
Water Meter			Yes			No		

Integ	rated Develo	opment and Asset Manac	gement Pl	an (IDAMI	P)		
	N	Municipal Committee Mu	ridke				
Form: IDAMP-A1	Ass	Tube Well set Condition Assessme	nt	Ass	Asset Code: Date: 24-04-202		
PFI Equipment	•	Yes	No				
Generator		Yes	No				
Change Over		Yes	No				
		Overall Rating					
Average Score	1	2	:	3	4	5	
Asset Condition	Excellent	Good	F	air	Poor	Failing	
Category	Α	В	(	С	D	E	
		Remarks / Requiremen	ıts				
<ul> <li>No remarks</li> </ul>							
Data Collected By: Mr	Jawad	Designation: Team Mei	mber		Sign & Da May-202		
Data Checked By: Mr. M	l. Fiaz	Designation: Team Lea	d		Sign & Da		

Name	lı .	ntegra	ted Develop	ment and Asse	t Man	ageme	ent I	Plan (IC	AMP)	
Name			Mu	ınicipal Commit	tee M	luridke	è			
Name			Asset		essm	ent				_
Name			Asset	Detail						Picture
Longitude	Name				ld Dav	wke				
Longitude   T4.248237   Address   Sui Gas Bazaar, Old Dawke, Muridke   O1 Marla   Working Status   Functional   1998   Installation Year of Tube Well   1998   Installation Year of Pump   2022   Capital Cost of Machinery   Not Available   Operational Hours   Balantial   Once in a Year   Month of Months   Schedule   Apron Around Pump House   Yes   No   No   Schedule   Apron Around Pump House   Yes   No   No   Schedule   Approach to Pump House   Good   Fair   Bad   Approach to Pump House   Good   Fair   Bad   Approach to Pump House   Good   Fair   Bad   Approach to Pump House   Suit   Structure Condition   Good   Fair   Bad   Approach to Pump House   Good   Fair   Bad   Approach to Pump House   Fump Type   Turbine   Pump Details   Turbine   Pump Details   Turbine   Pump Make   KSB   Discharge Capacity (Cusec)   1   Turbine   Pump Make   Turbine		Latitu	de	31	.815	807				
Address	Location	Lonai	tude	74	1.248	237				
Area (Marla)	Address			Sui Gas Bazaaı	r, Old	Dawke	e, M	uridke		
Installation Year of Tube Well 1998 Installation Year of Pump 2022 Capital Cost of Machinery Not Available Operational Hours Delivery Pipe Dia 6 Material Mild Steel Chlorinator Yes No Chlorination Schedule Once in a Year After 6 Months After 6 Months Schedule Apron Around Pump House Yes No Hoisting Girder Yes No Civil Structure Condition Good Fair Bad Approach to Pump House KSB Discharge Capacity (Cusec) 1 Rotational Speed (RPM) 1465 Housing Dia (inches) 12 Bore Depth (ft.) 150 Impeller Installation Depth (ft.) 150 Impeller Installation Depth (ft.) 100 Paint of Pumping Unit Good Pair Sood Sanctioned Load (Kw) 23 Motor Power (HP) 30 Motor Make Siemens MCU Yes No Earthing of Motor Yes No Earthing of Motor Yes No Eertring of McU Yes No Eertry Meter Yes No Eertry Meter Yes No Eertry McL Earthing of McU Yes No Eertry Meter Yes No Eertry McL Eertry Meter Yes No Eertry McL E	Area (Marla)									
Installation Year of Pump 2022 Capital Cost of Machinery Not Available Operational Hours 8 Delivery Pipe	Working Status			Functional		Non- F	unc	tional		
Capital Cost of Machinery Operational Hours  Delivery Pipe Dia Material Mild Steel Chlorinator  Chlorinator Chlorination Schedule Apron Around Pump House Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (Inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Impeller Installation Depth (ft.) Defait of Pumping Unit Good Paint of Pumping Unit Gate Valve Non-Returning Valve  Base Plate  Electro-Mechanical Equipment Details Transformer Capacity (kVA) Sanctioned Load (Kw) Sanctioned Load (Kw) According Tyes No Earthing of Motor Power Wiring Yes No Service Cable Earthing of MCU Yes No No Eerthing of MCU Yes No No Eerthin	Installation Year o	f Tube	Well		199	8			3. <b>4</b>	
Dia   G   Material   Mild Steel	Installation Year o	f Pumi	<b></b>		202	2				
Delivery Pipe   Dia   Material   Mild Steel   Chlorinator   Yes   No   Chlorination Schedule   Once in a Year   After 6   No   Months   Schedule   Apron Around Pump House   Yes   No   Hoisting Girder   Yes   No   Civil Structure Condition   Good   Fair   Bad   Approach to Pump House   KSB   Discharge Capacity (Cusec)   1   Rotational Speed (RPM)   1465   Housing Dia (inches)   12   Bore Depth (ft.)   600   Head (ft.)   150   Impeller Installation Depth (ft.)   100   Paint of Pumping Unit   Good   Gate Valve   1   Non-Returning   Valve   Non-Returning   Valve   Siemens   Motor Power (HP)   30   Motor Power (HP)   30   Motor Make   Siemens   MCU   Yes   No   Earthing of Motor   Yes   No   Earthing of Motor   Yes   No   Earthing of MCU   Yes   No   Energy Meter   Yes   No	Capital Cost of Ma	chiner	У	No	t Avai	ilable			William .	
Delivery Pipe   Dia   Material   Mild Steel   Chlorinator   Yes   No   Chlorination Schedule   Once in a Year   After 6   No   Months   Schedule   Apron Around Pump House   Yes   No   Hoisting Girder   Yes   No   Civil Structure Condition   Good   Fair   Bad   Approach to Pump House   KSB   Discharge Capacity (Cusec)   1   Rotational Speed (RPM)   1465   Housing Dia (inches)   12   Bore Depth (ft.)   600   Head (ft.)   150   Impeller Installation Depth (ft.)   100   Paint of Pumping Unit   Good   Gate Valve   1   Non-Returning   Valve   Non-Returning   Valve   Siemens   Motor Power (HP)   30   Motor Power (HP)   30   Motor Make   Siemens   MCU   Yes   No   Earthing of Motor   Yes   No   Earthing of Motor   Yes   No   Earthing of MCU   Yes   No   Energy Meter   Yes   No	Operational Hours		•		8				D.	
Chlorinator  Chlorinator  Chlorination Schedule  Apron Around Pump House  Apron Around Pump House  Approach to Pump House  Pump Details  Pump Type  Pump Make  Pump Make  Pump Make  Pump Make  Pictainal Speed (RPM)  Housing Dia (inches)  Bore Depth (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Gate Valve  Number of Valves  Non-Returning Valve  Base Plate  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  Sanctioned Load (Kw)  Aproach to Pump House  Fump Details  Pump Details  Turbine  Pump Details  Turbine  Pump Make  KSB  Discharge Capacity (Cusec)  1  Rotational Speed (RPM)  Housing Dia (inches)  12  Bore Depth (ft.)  Good  Gate Valve  Number of Valves  Non-Returning Valve  Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  Sanctioned Load (Kw)  Aproach After 6  No  No  No  Earthing of Motor  Yes  No  Power Wiring  Yes  No  Earthing of MCU  Yes  No  Energy Meter	·	Dia			6					Muridke, Punjab, Pakista Rodki ona, su oce Web Beesk o
Chlorination Schedule  Apron Around Pump House  Apron Around Pump House  Apron Around Pump House  Hoisting Girder  Civil Structure Condition  Approach to Pump House  Pump Details  Pump Details  Pump Make  KSB  Discharge Capacity (Cusec)  Incotational Speed (RPM)  Housing Dia (inches)  Bore Depth (ft.)  Head (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Gate Valve  Non-Returning Valve  Base Plate  Flectro-Mechanical Equipment Details  Transformer Capacity (kVA)  Sanctioned Load (Kw)  Anotor Power (HP)  Motor Make  MCU  Yes  No  Power Wiring  Service Cable  Erething of MCU  Yes  No  Schedule  Noo  Road  After 6 Months  No  No  No  Schedule  Noo  Rair  Bad  Pump Details  Turbine  RKSB  Discharge Capacity (Cusec)  1  Rood  600  He45  Housing Dia (inches)  12  Bore Depth (ft.)  600  Housing Dia (inches)  12  Bore Depth (ft.)  Good  Gate Valve  1  Non-Returning Valve  1  Non-Returning Valve  Non-Returning Valve  Non-Returning Valve  No  Siemens  No  No  Power Wiring  Service Cable  Yes  No  Earthing of MCU  Yes  No  Cond  After 6 Months  No  No  No  No  No  No  No  No  No  N	Delivery Pipe	Mater	ial	M	1ild St	eel			Soogle	71 mili 4,000, Purple, Pakater 1 mil 31,4158()** Long 74,248222** 24,033/28 11:07 AV diet 100:00
Chlorination Schedule  Apron Around Pump House  Apron Around Pump House  Hoisting Girder  Civil Structure Condition  Approach to Pump House  Pump Details  Pump Type  Pump Details  Pump Make  Fump Make  Discharge Capacity (Cusec)  Rotational Speed (RPM)  Head (ft.)  Impeller Installation Depth (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Gade Valve  Non-Returning Valve  Base Plate  Flectro-Mechanical Equipment Details  Transformer Capacity (kVA)  Sanctioned Load (KW)  Autor Power (HP)  Motor Make  MCU  Yes  No  Service Cable  Yes  No  Power Wiring  Yes  No  Service Cable  Yes  No  No	Chlorinator			Yes			No			
Hoisting Girder  Civil Structure Condition  Good Fair Bad Approach to Pump House Good Fair Bad  Pump Details  Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (Inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Impeller Installation Depth (ft.)  Paint of Pumping Unit Good  Gate Valve 1  Number of Valves Non-Returning Valve  Base Plate Yes No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA) Sanctioned Load (Kw) Associated Walve Siemens  MCU Yes No Power Wiring Yes No Service Cable Yes No Earthing of MCU Yes No Earthing of MCU Yes No Energy Meter  Yes No Earthing of MCU Yes No No	Chlorination Scheo	dule		Once in a Year						- R
Civil Structure Condition  Approach to Pump House  Pump Details  Pump Type  Pump Make  Discharge Capacity (Cusec)  Rotational Speed (RPM)  Housing Dia (inches)  Bore Depth (ft.)  Head (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Base Plate  Ves  Non-Returning Valve  Base Plate  Ves  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  Sanctioned Load (Kw)  Anotor Power (HP)  Motor Make  MCU  Yes  No  Earthing of Motor  Power Wiring  Yes  No  Earthing of MCU  Yes  No  Service Cable  Yes  No  Earthing of MCU  Yes  No  Energy Meter  Yes  No  Fair  Bad  Bad  Bad  Bad  Bad  Bad  Bad  Ba	Apron Around Pun	np Hou	ise	Yes			No			THE REAL PROPERTY.
Approach to Pump House  Pump Details  Pump Type  Pump Make  Discharge Capacity (Cusec)  Rotational Speed (RPM)  Housing Dia (inches)  Bore Depth (ft.)  Head (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Gate Valve  Number of Valves  Non-Returning Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  Sanctioned Load (Kw)  Sanctioned Load (Kw)  Motor Power (HP)  Motor Make  MCU  Yes  No  Earthing of Motor  Power Wiring  Yes  No  Earthing of MCU  Yes  No  Earthing of MCU  Yes  No  Energy Meter  Fair  Bad  Bad  Pump Details  Turbine  RKSB  Discharge Capacity (Cusec)  1  Rotation  1  Roto  Fair  Bad  Pump Details  Turbine  RKSB  Diach  RKSB  ROU  RETURN R	Hoisting Girder			Yes			No			6
Pump Type Turbine Pump Make KSB  Discharge Capacity (Cusec) 1  Rotational Speed (RPM) 1465  Housing Dia (inches) 12  Bore Depth (ft.) 6000  Head (ft.) 1500  Impeller Installation Depth (ft.) 1000  Paint of Pumping Unit Good  Number of Valves No  Base Plate Yes No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA) 50  Sanctioned Load (Kw) 23  Motor Power (HP) 30  Motor Make Siemens  MCU Yes No  Earthing of Motor Yes No  Power Wiring Yes No  Service Cable Yes No  Earthing of MCU Yes No  Earthing of MCU Yes No  Energy Meter Yes No	Civil Structure Cor	oisting Girder		Good	Fá	air	E	3ad		
Pump Type	Approach to Pump	House	9	Good	Fa	air	E	3ad		
Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Gate Valve Number of Valves  Rose Plate  Base Plate  Yes No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA) Sanctioned Load (Kw) Sanctioned Load (Kw)  Motor Power (HP)  Motor Make  MCU Yes No  Earthing of Motor Power Wiring Yes No  Earthing of MCU Yes No Earthing of MCU Yes No Earthing of MCU Yes No Earthing of MCU Yes No Eerthing of MCU Yes No Eerryy Meter Yes No Energy Meter			Pump	Details						
Discharge Capacity (Cusec)  Rotational Speed (RPM)  Housing Dia (inches)  Bore Depth (ft.)  Head (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Good  Number of Valves  Non-Returning Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  Sanctioned Load (Kw)  Sanctioned Load (Kw)  Motor Power (HP)  Motor Make  MCU  Yes  No  Earthing of Motor  Power Wiring  Yes  No  Earthing of MCU  Yes  No  Energy Meter  Yes  No  Table 5  12  Bood  God  10  100  Power Wiring  100  Power Wiring  Yes  No  No  Earthing of MCU  Yes  No  Earthing of MCU  Yes  No  No  Energy Meter  Yes  No  Table 5  Transformer Capacity (kVA)  So  Siemens  No  Power Wiring  Yes  No  No  Earthing of MCU  Yes  No  Earthing of MCU  Yes  No  No  Energy Meter	Pump Type				Turbii	ne			•	Muridko, Punjab, Pakista REBX10H2, ELI DES WILDBESS D Shelil Aposs, Panjeb, Pakaten
Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit  Gate Valve Number of Valves Non-Returning Valve  Base Plate Yes No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA) Sanctioned Load (Kw) Sanctioned Load (Kw) Motor Power (HP) Motor Make Siemens MCU Yes No Power Wiring Yes No Service Cable Yes No Earthing of MCU Yes No Energy Meter Yes No  Table 50  12  10  10  10  10  10  10  10  10  1	Pump Make				KSE	}			Soogle	Long 74.249228* Long 74.249228* 24/03/28 11/08 AH DV** 08/00
Housing Dia (inches)  Bore Depth (ft.)  Head (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Gate Valve  Number of Valves  Non-Returning Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  Sanctioned Load (Kw)  Sanctioned Load (Kw)  Motor Power (HP)  Motor Make  MCU  Yes  No  Earthing of Motor  Power Wiring  Yes  No  Service Cable  Yes  No  Earthing of MCU  Yes  No  Energy Meter  Yes  No  Table 12  Bood  1  No  Food  Food  1  No  Food  Foo	Discharge Capacity	y (Cus	ec)		1					
Bore Depth (ft.)  Head (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Gate Valve  Number of Valves  Non-Returning Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  Sanctioned Load (Kw)  Sanctioned Load (Kw)  Motor Power (HP)  Motor Make  Siemens  MCU  Yes  No  Earthing of Motor  Yes  No  Service Cable  Yes  No  Energy Meter  Siemens  No  Energy Meter  No  Sonctioned  Yes  No  Siemens  No  Siemens  No  No  Siem	Rotational Speed (	(RPM)			146	5			He Her	
Head (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Gate Valve  Number of Valves  Non-Returning Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  Sanctioned Load (Kw)  Anotor Power (HP)  Motor Make  Siemens  MCU  Yes  No  Earthing of Motor  Yes  No  Service Cable  Yes  No  Energy Meter  1  100  100  100  100  100  100  100	Housing Dia (inche	s)			12					
Impeller Installation Depth (ft.)  Paint of Pumping Unit  Gate Valve  Number of Valves  Non-Returning Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  Sanctioned Load (Kw)  Sanctioned Load (Kw)  Motor Power (HP)  Motor Make  Siemens  MCU  Yes  No  Earthing of Motor  Yes  No  Service Cable  Yes  No  Earthing of MCU  Yes  No  Energy Meter  Yes  No  The stallation Depth (ft.)  Good  1  1  1  1  1  1  1  1  1  1  1  1  1	Bore Depth (ft.)									
Paint of Pumping Unit  Good  Number of Valves  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  Sanctioned Load (Kw)  Motor Power (HP)  Motor Make  Siemens  MCU  Yes  No  Earthing of Motor  Yes  No  Service Cable  Earthing of MCU  Yes  No  Earthing of MCU  Yes  No  Eerthing of MCU  Eerthing of MCU  Yes  No  Eerthing of MCU  Eerthing o					150	)				
Number of Valves   Some Plate	Impeller Installatio	n Dep	th (ft.)		100	)			The same	
Number of Valves    Non-Returning Valve   1	Paint of Pumping l				Good	d			11-1	
Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  Sanctioned Load (Kw)  Motor Power (HP)  Motor Make  Siemens  MCU  Yes  No  Earthing of Motor  Power Wiring  Service Cable  Yes  No  Earthing of MCU  Yes  No  Energy Meter					1				- ANY	
Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  Sanctioned Load (Kw)  Motor Power (HP)  Motor Make  Siemens  MCU  Yes  No  Earthing of Motor  Yes  No  Service Cable  Yes  No  Earthing of MCU  Yes  No	Number of Valves		eturning		1				Soogle	MUTIONO, PUTIGAD, PARISTO ROBX (BIZ, Sul Des Web Berst, D Shelid aposs, Parjet, Pakater Les 31,415837- Leng 74,248206" 24/33/26 HIGS AH DV.** DE DC
Transformer Capacity (kVA) 50 Sanctioned Load (Kw) 23 Motor Power (HP) 30 Motor Make Siemens MCU Yes No Earthing of Motor Yes No Service Cable Yes No Earthing of MCU Yes No Earthing of MCU Yes No Earthing of MCU Yes No Energy Meter Yes No	Base Plate			Yes			No			
Sanctioned Load (Kw)  Motor Power (HP)  Motor Make  Siemens  MCU  Yes  No  Earthing of Motor  Yes  No  Service Cable  Yes  No  Earthing of MCU  Yes  No  Energy Meter  Yes  No	E	Electro	-Mechanica	l Equipment De	tails					
Motor Power (HP)  Motor Make  Siemens  MCU  Yes  No  Earthing of Motor  Power Wiring  Service Cable  Yes  No  Earthing of MCU  Yes  No  Energy Meter  No	Transformer Capa	city (k	VA)						P	EMPAK
Motor Make  Siemens  MCU  Yes  No  Earthing of Motor  Power Wiring  Yes  No  Service Cable  Yes  No  Earthing of MCU  Yes  No  Earthing of MCU  Yes  No  Energy Meter  Yes  No	Sanctioned Load (I	Kw)			23					000
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	Motor Power (HP)				30				7	MEAN MAZEN MAZEN
Earthing of Motor  Power Wiring  Service Cable  Farthing of MCU  Earthing of MCU  Energy Meter  Yes  No  No  Yes  No  Yes  No  Yes  No  No  No  No  No  Energy Meter  Yes  No	Motor Make				Sieme	ns				NOW SCH SCH
Power Wiring  Service Cable  Yes  No  Earthing of MCU  Energy Meter  Yes  No	MCU			Yes			No			MINISTER STATE OF THE PARTY OF
Service Cable Yes No Earthing of MCU Yes No Energy Meter Yes No	<b>Earthing of Motor</b>			Yes			No			
Earthing of MCU Yes No Energy Meter Yes No	Power Wiring			Yes			No			Muridke, Punjab, Pakista RGBX10H2, Sul Des Wels Berse D Fliell Lexus, Punjab, Pakister Lex 31.4158156
Energy Meter Yes No	Service Cable			Yes			No		sooglo	Long 74.249242* 24/03/25 11/12 AM GMT 100/03
	Earthing of MCU			Yes			No			
Water Meter Yes No										
	Water Meter			Yes			No			_



Date: 24-04-2023 Pictures







Integr	ated Developn	nent and Asset Man	agement I	Plan (ID.	AMP)	
	Mur	icipal Committee M	uridke			
Form: IDAMP-A1	Asset	Tube Well Condition Assessme	ent		Asset Coo Date:	de: 24-04-2023
PFI Equipment		Yes	No			
Generator		Yes	es <b>No</b>			
Change Over		Yes <b>No</b>				
		Overall Rating				
Average Score	1	2		3	4	5
Asset Condition	Excellent	Good	Fa	air	Poor	Failing
Category	Α	В		3	D	E
	R	emarks / Requireme	ents			
<ul> <li>No remarks</li> </ul>						
Data Collected By: Mr. J	lawad	Designation: Team Member			Sign & Date: 30-May- 2023	
Data Checked By: Mr. M	. Fiaz	Designation: Team Lead			Sign & Date: 30 May 2023	

l	ntegra	ated Develop	oment and Asse	t Man	ageme	ent Plai	n (IDAMP
		Мι	unicipal Commit	tee M	luridke	9	
Form: IDAMP-A1		Asset (	Tube Well Condition Asses	smen	ıt		Asse
		Asset D	etail			<u> </u>	
Name		713361 2	Muric	lke To	wn		
	Latit	ıde		.8016			
Location	Longi			26458			
Address	1		Muric				
Area (Marla)			01 Marla				
Working Status			Functional	n- ional			
Installation Year o	f Tube	e Well	2	2022			15500
Installation Year o				2022			
Capital Cost of Ma		•		acs P	kr		
Operational Hours		,	302	8			
Delivery Pine Dia				8			Specific
Delivery Pipe Material			Mile	d Stee			The state of the s
Chlorinator	1		Yes		N	0	
Chlorination Scheo	dule		Once in a Year	Afte Mont	r 6	No hedule	
Apron Around Pun	oH an	use	Yes		N		
Hoisting Girder			Yes		N		
Civil Structure Cor	nditior	<u> </u>	Good	Faii		Bad	
Approach to Pump			Good	Fair		Bad	
,,,		Pump De					
Pump Type		•		ırbine			eoogle
Pump Make				District the Real Break			
Discharge Capacit	y (Cus	ec)		1			7
Rotational Speed (	•		1	465			
Housing Dia (inche				12			
Bore Depth (ft.)			(		A		
Head (ft.)							
Impeller Installatio	n Dep	oth (ft.)		100			No.
Paint of Pumping l	Unit			Good			
	Gate	Valve		1			
Number of Valves	Non-l			1			⊖oogle
Base Plate			Yes		N	0	
			quipment Deta	ils			A
Transformer Capa	city (k	(AVA)		25			
Sanctioned Load (Kw)				19			
Motor Power (HP)				30			
Motor Make			Siemens				1
мси					N	0	A superior
Earthing of Motor				Yes		0	•
Power Wiring			Yes		N	0	Soogle
Service Cable			Yes		N	0	
Earthing of MCU			Yes		N	0	
Energy Meter			Yes		N	0	



Pictures







Integr	ated Developn	nent and Asset Ma	nageme	ent Plan	(IDAMP)	
	Mur	nicipal Committee N	Muridke	<b>:</b>		
Form: IDAMP-A1	Asset Co	Tube Well andition Assessme	nt		Asset C Dat	ode: e: 24-04-2023
Water Meter		Yes	N	0		
PFI Equipment		Yes	N	0		
Generator		Yes	N	0		
Change Over		Yes	N	0		
		Overall Rating				
Average Score	1	2		3	4	5
Asset Condition	Excellent	Good	F	air	Poor	Failing
Category	Α	В		С	D	E
	R	emarks / Requirem	nents			
<ul> <li>No remarks</li> </ul>						
Data Collected By: Mr. Ja	awad	Designation: Tean	n Memb	er	Sign & Date 2023	awad- e: 30-May-
Data Checked By: Mr. M.	Fiaz	Designation: Tean	n Lead		Sign & Date	e: 30 May 2023

	ntegra	ated Develor	oment and Asse	t Man	agem	ent Pla	n (IDAMP)
		Mı	unicipal Commit	tee M	luridke	•	
Form: IDAMP-A1		Asset (	Tube Well Condition Asses	smen	ıt		Asset D
		Asset D	etail				F
Name				an Pa	rk		_
	Latit	ude	31.8	30994	45		
Location	Long	itude	74.2	26660	)7		
Address			Hass	an Pa	ırk		-34/
Area (Marla)			01	Marla	3		
Working Status			Functional		Noi Functi		
Installation Year o	f Tube	e Well	Not A	vaila	ble		
Installation Year o	f Pum	ıp	1	995			
Capital Cost of Ma	chine	ry	Not A	Availa	ble		
<b>Operational Hours</b>				8			M.
Delivery Pipe	Dia			6			Google Lo
Delivery Fipe	Mate	rial	Mile	d Stee	اد		
Chlorinator			Yes		N	0	
Chlorination Scheo	dule		Once in a Year	After Mont		No hedule	AT "
Apron Around Pun	np Ho	use	Yes		N	0	
Hoisting Girder			Yes		N	0	
Civil Structure Co	nditior	า	Good	Fair	r	Bad	
Approach to Pump	Hous	ie	Good	Fair	r	Bad	
		Pump D					MA BOT
Pump Type				ırbine			Google) 24
Pump Make				KSB			
Discharge Capacit				1			
Rotational Speed (			1	485			
Housing Dia (inche	<u>(S)</u>			12			
Bore Depth (ft.)				500			East,
Head (ft.)	n Dor	+b /ft \		150			
Impeller Installation		)(II (IL.)		100 Good			
Paint of Pullipling		Valve		1			Mt.
Number of Valves							Songle 24
	Valve			1			
Base Plate			Yes		N	0	
Ele	ectro-	Mechanical E	quipment Deta	ils			
Transformer Capa		(VA)		50			
Sanctioned Load (	Kw)			19			
Motor Power (HP)				30			
Motor Make				emens			
MCU			Yes		N		University
Earthing of Motor			Yes		N		POTENTIAL PROPERTY OF THE PROP
Power Wiring			Yes		N		3000gle   24
Service Cable			Yes		N		
Earthing of MCU			Yes		N		
Energy Meter			Yes		N	0	



Pictures







Integr	ated Developn	nent and Asset Mar	ageme	nt Plar	(IDAMP)	
	Mur	icipal Committee M	luridke			
Form: IDAMP-A1	Asset Co	Tube Well andition Assessmen	ıt		Asset C Dat	ode: e: 24-04-2023
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	F	air	Poor	Failing
Category	Α	В		С	D	E
	R	emarks / Requirem	ents			
<ul> <li>Pump has outlived i</li> </ul>	ts life and need	ds replacement.				
Data Collected By: Mr. J	awad	Designation: Team	Memb	er	Sign & Date 2023	e: 30-May-
Data Checked By: Mr. M.	Fiaz	Designation: Team	Lead		Sign & Date	e: 30 May 2023

ı	ntegra	ated Develop	ment and Asse	t Ma	nagei	ment Pla	n (IDAMP)
		Mι	ınicipal Commit	tee I	Murid	ke	
Form: IDAMP-A1		Asset (	Tube Well Condition Asses	sme	nt		Asset D
		Asset D	etail			_	F
Name		1 10000	Mohallah F	Rehm	nan Pu	ırah	
	Latit	ıde		811			
Location	Longi	tude		2568			
Address			Mohallah F	Rehm	ıan Pu	ırah	2330
Area (Marla)			01	Mar	la		
Working Status			Functional			on- ctional	
Installation Year o	f Tube	e Well	2	022			
Installation Year o	f Pum	р	2	022			
Capital Cost of Ma	chine	у	60 L	acs	Pkr		
<b>Operational Hours</b>				8			Mur
Delivery Pipe	Dia			8			Google Long 240
Delivery Fipe	Mate	rial	Mile	d Ste	el		
Chlorinator			Yes			No	0
Chlorination Scheo	dule		Once in a Year		er 6 hths <b>S</b>	No schedule	
Apron Around Pun	np Ho	use	Yes			No	
Hoisting Girder			Yes			No	6
Civil Structure Co	nditior	1	Good	Fa	ir	Bad	
Approach to Pump	Hous		Good	Fa	ir	Bad	
		Pump De					Mur
Pump Type				ırbin	e		Google 240
Pump Make				KSB			
Discharge Capacit	•			1			
Rotational Speed			1	465			
Housing Dia (inche	es)			12			9
Bore Depth (ft.)				500			
Head (ft.) Impeller Installation	n Dor	th (ft )		150 100			
Paint of Pumping		) (II.)		Good			
Paint of Pullipling		Valve		1			Mur
Number of Valves							9 and 1410 Long Long 2400
Trainber of valves	Valve	-		1			
Base Plate			Yes			No	
	ctro-l	Mechanical E	quipment Deta	ils			
Transformer Capa				50			
Sanctioned Load (	Kw)			19			
Motor Power (HP)				30			
Motor Make			Sie	emen	ıs		
MCU			Yes			No	
Earthing of Motor			Yes			No	Mul
Power Wiring			Yes			No	Google 240
Service Cable			Yes			No	
Earthing of MCU			Yes			No	
Energy Meter			Yes			No	



Pictures







Integr	ated Developr	nent and Asset Ma	nageme	ent Plan	(IDAMP)	
	Mur	nicipal Committee N	Muridke	<b>!</b>		
Form: IDAMP-A1	Asset Co	Tube Well ondition Assessme	nt		Asset C Dat	ode: e: 24-04-2023
Water Meter		Yes	No	0		
PFI Equipment		Yes	No	0		
Generator		Yes	No	0		
Change Over		Yes	No	0		
		Overall Rating				
Average Score	1	2		3	4	5
Asset Condition	Excellent	Good	F	air	Poor	Failing
Category	Α	В		С	D	E
	R	emarks / Requirem	nents			
<ul> <li>No remarks</li> </ul>						
Data Collected By: Mr. J.	awad	Designation: Tean	n Memb	er	Sign & Date	e: 30-May-
Data Checked By: Mr. M.	Fiaz	Designation: Tean	n Lead		mg	oughy e: 30 May 2023

	ntegra	ated Develop	ment and Asse	t Mar	nagen	nent	Plan (l	DAMP	)		
		Mι	ınicipal Commit	tee M	1uridk	кe					
Form: IDAMP-A1		Asset	Tube Well Condition Asse	ssme	ent				et Code Date: 2	e: 24-04-202	23
		Asset	Detail						Pictu	ıres	
Name			Pe	ra Ma	ndi						
Location	Latitu	ıde	31	.802	131						
Location	Longi	tude	74	.251	108						
Address			Mohallah Faiz-	е-Ма	dinah	ı, Mu	ridke		0.4	11/2/20	
Area (Marla)			0	1 Mar	rla			1000	Name of Street	THE RESERVE OF THE PARTY OF THE	
<b>Working Status</b>			Functional	1	Non- F	unct	ional		9		
Installation Year o	f Tube	e Well		1999	)			1	100		
Installation Year o	f Pum	р		1999	)			<b>100</b>			
Capital Cost of Ma	chiner	у	Not	Avail	lable				1 - 2	THE REL	
Operational Hours	;			8				NAME OF THE OWNER, WHEN THE OW	Marida Duriat	Dakietan	
Dolivory Dino	Dia			6					R722 OT4 Tend ask Medice, Washin, She Let 31:407315	, Periodan Meha la Faz Xireino Mehalla Forz e Klussow, Pergeli, Pekisten	
Delivery Pipe	Mate	rial	М	ild Ste	eel			Google	24/38/28 H-47 AVIGN	IT (050)	
Chlorinator			Yes			No					
Chlorination Sche	dule		Once in a Year		er 6 nths		No edule	40	-		
Apron Around Pur	np Hoi	use	Yes			No					
Hoisting Girder			Yes			No			1		
Civil Structure Co	nditior	1	Good	Fa	air	Е	lad	0	the all	K &	
Approach to Pump	Hous	e	Good	Fa	air	Е	lad				
		Pump [	Details					ARRE	Muridko, Punjat	Pakistan	
Pump Type			Т	urbir	ne				R722 OF4 Tend oak, Medice, Washing Ale Let 31-Hitts71- Long 74-201192*	Meha la Tarz Xireins Mahalla Farz e klassane, Punjeli, Pesinten	
Pump Make			Lo	cal Ma	ade			Social	24/33/28 IT 47 AVIGE	IT 10000	
Discharge Capacit	y (Cus	ec)		1				4			
<b>Rotational Speed</b>	(RPM)			1465	5					-	
Housing Dia (inche	es)			12							
Bore Depth (ft.)				600						1	
Head (ft.)				150					97		
Impeller Installation	on Dep	oth (ft.)		100					(dato)	1.42	
Paint of Pumping	Unit			Fair				43	7		
		Valve		1				A STATE OF THE STA	Muridke, Punjat	, Pakistan	
Number of Valves	Non-F Valve	•		1				Google	Medics, Walkin, She List 31,8010800* Long 74,201230* 24,93128-19-47 AVI 08	Alasasse, Paryels, Peki-Sau Art 10000	
Base Plate			Yes			No		100		7 / 37	
Е	lectro	-Mechanical	<b>Equipment Det</b>	ails							
Transformer Capa	city (k	(AV		50					000		
Sanctioned Load (	Kw)			23					/ C	TO MA	
Motor Power (HP)				30					- 1 (am)	E   EK	
Motor Make			S	iemeı	ns					-	
мси			Yes			No		8			
<b>Earthing of Motor</b>			Yes			No			Muridke, Punjat	, Pakistan Mahala Par Melin: Mahala Faro	
Power Wiring			Yes			No		Google	Medice, Musidos, files Lei 31.981885* Long 74.231188* 24/33128 (1948 494 59	Klusters, Peryels, Peti-ben IT (2010)	
Service Cable			Yes			No		AR LENGTH			
Earthing of MCU			Yes			No					
Energy Meter			Yes			No					
Water Meter			Yes			No					

Integr	ated Developm	nent and Asset Mana	igement F	Plan (II	DAMP)	
	Mun	icipal Committee Mu	ıridke			
Form: IDAMP-A1	Asset C	Tube Well Condition Assessmer	nt		Asset Co Date	de: : 24-04-2023
PFI Equipment		Yes	No			
Generator		Yes	No			
Change Over		Yes	No			
		Overall Rating				
Average Score	1	2	3		4	5
Asset Condition	Excellent	Good	Fai	r	Poor	Failing
Category	Α	В	С		D	Е
	R	emarks / Requireme	nts			
<ul> <li>Pump has outlived i</li> </ul>	ts life and need	ls replacement.				
Data Collected By: Mr. J.	awad	Designation: Team I	Member			awad- ee: 30-May-
					2023	.c. 50 may
Data Checked By: Mr. M.	Fiaz	Designation: Team L	_ead		M	Justing
					Sign & Dat 2023	te: 30 May

ı	ntegra	ated Develop	oment and Asse	t Mar	nagem	ent Pla
		Mı	unicipal Commit	tee N	/uridk	e
Form: IDAMP-A1		Asset (	Tube Well Condition Asses	smer	nt	
		Asset D	etail			<del> </del>
Name		7,0000		al Par	·k	
	Latit	ıde		7902		
Location	Longi	tude	74.2	2541	26	
Address			Faisal Col	ony,	Muridk	ке
Area (Marla)			01	Marl	a	
Working Status			Functional		No Funct	
Installation Year o	f Tube	Well	2	022		
Installation Year o	f Pum	р	2	2022		
Capital Cost of Ma	chine	·у	60 L	.acs F	Pkr	
<b>Operational Hours</b>				8		
Delivery Pipe	Dia			8		
	Mate	rial		d Ste	el	
Chlorinator			Yes			lo
Chlorination Scheo	dule		Once in a Year	Afte Mon		No hedule
Apron Around Pun	np Ho	use	Yes		N	lo
Hoisting Girder			Yes		N	lo
Civil Structure Cor	nditior	1	Good	Fai	r	Bad
Approach to Pump	Hous		Good	Fai	r	Bad
		Pump D				
Pump Type				ırbine	j	
Pump Make			F	Peco		
Discharge Capacit	•	ec)		1		
Rotational Speed (			1	465		
Housing Dia (inche	s)			12		
Bore Depth (ft.)				600 150		
Head (ft.) Impeller Installation	n Dan	th (ft )		150 100		
Paint of Pumping (		ııı (II. <i>)</i>		Good		
i ant of Funiping (		Valve		1		
Number of Valves	Non-l	Returning		1		
Base Plate	Valve		Yes		h.	lo
	octro-l	Mochanical F	quipment Deta	ilc	IN	10
Transformer Capa			-quipinient Deta	50		
Sanctioned Load (		· • • /		39		
Motor Power (HP)	11.44			30		
Motor Make			Sid	emen	<u> </u>	
MCU			Yes			lo
Earthing of Motor			Yes			lo
Power Wiring			Yes			lo
Service Cable			Yes			lo
Earthing of MCU			Yes			lo
Energy Meter			Yes			lo
<i>,</i> ,						



Pictures







Integr	ated Developr	nent and Asset Ma	nageme	ent Plan	(IDAMP)	
	Mur	nicipal Committee I	Muridke	<b>:</b>		
Form: IDAMP-A1	Asset Co	Tube Well ondition Assessme	nt		Asset C Dat	ode: e: 24-04-2023
Water Meter		Yes	N	0		
PFI Equipment		Yes	N	0		
Generator		Yes	N	0		
Change Over		Yes	N	0		
		Overall Rating				
Average Score	1	2		3	4	5
Asset Condition	Excellent	Good	F	air	Poor	Failing
Category	Α	В		С	D	E
	R	emarks / Requiren	nents			
<ul> <li>No remarks</li> </ul>						
Data Collected By: Mr. J.	awad	Designation: Tean	n Memb	er	Sign & Date	e: 30-May-
Data Checked By: Mr. M.	Fiaz	Designation: Tean	n Lead		mg	oughy e: 30 May 2023

I	ntegrat	ed Develop	ment and Asse	t Man	ageme	ent P	lan (ID	AMP)	
		Mu	ınicipal Commit	tee M	uridke	<b>)</b>			
Form: IDAMP-A1		Asse	Tube Well t Condition Ass	essme	ent				t Code: _ Date: 24-0
	•	Asset	Detail			·			Picture
Name			Mohallah	Rehm	ania C	olon	У		
Location	Latitud	e	33	1.788	382				
Location	Longitu	ıde	74	1.254	527				
Address			Mohallah Rehr	nania	Colony	y, Μι	uridke		4
Area (Marla)			(	)1 Ma	rla				/
<b>Working Status</b>			Functional		Non- F	unct	ional		
Installation Year o	f Tube \	Well	No	t Avai	ilable				
Installation Year o	f Pump			199	5				
Capital Cost of Ma	chinery		No	t Avai	ilable				
<b>Operational Hours</b>				8					10 10
Delivery Dine	Dia			6					Muridke, Punjab, Pakist
Delivery Pipe	Materia	al	N	ild Stر	eel			Google -	1 + 11,540** Long 74,254100* 24/03/25 12/20 PV 08/11 (06/00)
Chlorinator			Yes			No			
Chlorination Scheo	dule		Once in a Year	-	er 6 nths		No ledule		
Apron Around Pun	np Hous	e	Yes			No			
Hoisting Girder			Yes			No		10000	
Civil Structure Cor	ndition		Good	Fa	air	Е	Bad		6
Approach to Pump	House		Good	Fa	air	Е	Bad		
		Pump	Details						
Pump Type				Turbii	ne				Muridke, Punjab, Pakista 07P3-XWV, Murioke, Shekwe Le: 51,788362*
Pump Make				KSB	}			Soogle	Long 74,254027* 24/03/23 12:20 PM (BKT +05)
Discharge Capacit	y (Cuse	c)		1					
Rotational Speed (	(RPM)			146	5				
Housing Dia (inche	es)			12				3.2	
Bore Depth (ft.)				550	)				<b>*</b> 13
Head (ft.)				150	)				
Impeller Installatio	n Deptl	n (ft.)		100	)			7	a i
Paint of Pumping l	Jnit			Fair	•				
	Gate V	alve		1					
Number of Valves	Non-Re Valve	eturning		1				Socie	Muridke, Punjab, Pakist OPP-XVV Muldus, Shekis La. 31786325* Long 74.256540* 24/63/25 12:20 °N GMT +65:
Base Plate			Yes			No			
	Electro-	Mechanica	I Equipment De	tails				H	
Transformer Capa	city (kV	A)		50					
Sanctioned Load (	Kw)			23					
Motor Power (HP)				30					3)
Motor Make			!	Sieme	ens				
MCU			Yes			No			IFE V
<b>Earthing of Motor</b>			Yes			No			
Power Wiring			Yes			No		•	Muridke, Punjab, Pakist Q7P3-XWV, Muridke, Sheicke Let \$1,7863*
Service Cable			Yes			No		Google	24/03/25 12:20 °M GMT +05:1
Earthing of MCU			Yes			No			
Energy Meter			Yes			No			
Water Meter			Yes			No			
<del></del>									



Date: 24-04-2023 Pictures







Integr	ated Developn	nent and Asset Man	agement P	lan (ID <i>A</i>	AMP)	
	Mun	icipal Committee M	uridke			
Form: IDAMP-A1	Asset	Tube Well Condition Assessme	ent		Asset Cod Date:	de: 24-04-2023
PFI Equipment		Yes	No			
Generator		Yes	No			
Change Over		Yes	No			
		Overall Rating			7	
Average Score	1	2	3	1	4	5
Asset Condition	Excellent	Good	Fa	ir	Poor	Failing
Category	Α	В	С		D	E
	R	emarks / Requireme	ents			
Pump has outlived in a second contract of the second contract o	its life and need	ds replacement.				
Data Collected By: Mr. J	'awad	Designation: Team	Member			awad-
Data Checked By: Mr. M.	. Fiaz	Designation: Team	Lead		Sign & Da	Duffy ate: 30 May

	ntegrated Develo	opment and Asse	t Man	agei	nent Plar	(IDA
	N	Municipal Commit	tee M	urid	ke	
Form:		Tube Well				A
IDAMP-A1	Asset	Condition Asses	smen	t		
	Asset	Detail			·	
Name		Mohallah E	3assra	Col	ony	
Location	Latitude	31.7	78439	95		
Location	Longitude	74.2	25179	8		
Address		Basra	a Colo	ny		
Area (Marla)		01	Marla	3		
Working Status		Functional			on- ctional	
Installation Year o	f Tube Well	2	022			
Installation Year o	f Pump	2	022			
Capital Cost of Ma			acs P	kr		
Operational Hours	cimici y	00 L	8	171		
	Dia		8			7 (6)
Delivery Pipe	Material	Mila	d Stee	۱		15
Chlorinator		Yes			No	
Chlorination Scheo	lule	Once in a Year	After	6	No Schedule	
Apron Around Pun	nn House	Yes	IVIOITE		No	
Hoisting Girder	ip i iouse	Yes			No	
Civil Structure Cor	ndition	Good	Fair		Bad	
Approach to Pump		Good	Fair		Bad	
7	Pump I					
Pump Type			ırbine			200
Pump Make		<u> </u>	al Mac	le		
Discharge Capacit	v (Cusec)		1			
Rotational Speed (		1	465			
Housing Dia (inche			12			3
Bore Depth (ft.)	•	(	500			
Head (ft.)			150			No.
Impeller Installatio	n Depth (ft.)		100			
Paint of Pumping l	•		Good			N.
, 9	Gate Valve		1			
Number of Valves	Non-Returning Valve		1			083
Base Plate		Yes			No	
	ctro-Mechanical	Equipment Deta	ils			
Transformer Capa			50			
Sanctioned Load (			19			
Motor Power (HP)			30			
Motor Make			emens			1.
MCU		Yes			No	
Earthing of Motor		Yes			No	100
Power Wiring		Yes			No	6%
Service Cable		Yes			No	
Earthing of MCU		Yes			No	
					-	



Pictures







Integrated Development and Asset Management Plan (IDAMP)								
Municipal Committee Muridke								
Form: IDAMP-A1	Tube Well Asset Condition Assessment				Asset Code: Date: 24-04-2023			
Water Meter		Yes	No	0				
PFI Equipment		Yes	No	0				
Generator		Yes	No	0				
Change Over		Yes	No	0				
Overall Rating								
Average Score	1	2		3	4	5		
Asset Condition	Excellent	Good	F	air	Poor	Failing		
Category	Α	В		С	D	E		
	emarks / Requirem	nents						
<ul> <li>No remarks</li> </ul>								
Data Collected By: Mr. J	Designation: Team Member			Sign & Date: 30-May- 2023				
Data Checked By: Mr. M.	Designation: Team Lead			Sign & Date: 30 May 2023				

Integrated Development and Asset Management Plan (IDAMP)								
Municipal Committee Muridke								
Form: IDAMP-A1	As	Tube We		ment		Ass	Asset Code: Date: 24-04-2023	
	Д	sset Detail					Pictures	
Name			Itahad	Colony				
1 12	Latitude			79506				
Location	Longitude	74.253724						
Address	1 -		Supply Scheme # 16, Itehad Colony, Muridke					
Area (Marla)			01 N	1arla				
Working Status		Functional		Non-	Functional			
Installation Year o	of Tube Well		Not Av	ailable				
Installation Year o	of Pump		20	13				
Capital Cost of Ma			45 La	cs Pkr				
Operational Hours	5			3			Sheikhupura, Punjab, Pakiistan Chitz (Will Shira Doros, Sheihiyara, Punjat, Faleston Lai 31,778500°	
Delivery Pipe	Dia		8	3			1 29/74/2589929 24/31/25/25/5/99 (2001 +05-40	
Delivery ripe	Material		Mild	Steel				
Chlorinator		Yes			No			
Chlorination Schedule		Once in a Year		er 6 nths	No Sched	dule		
Apron Around Pump House		Yes No						
Hoisting Girder		Yes			No			
Civil Structure Condition		Good	Fa		Bad			
Approach to Pump House		Good	Fá	ir	Bad			
		ump Details					Sheikhupura, Punjab, Pakistan GRIZI-WO, Barra Dotos, Sheikhupura, Punjab, Padelor Lan 31/79497	
Pump Type		Turbine					Section 1255-PV Date +04-00	
	Pump Make		Flow Pak					
Discharge Capacit	•	1					(P)	
Rotational Speed		1460						
Housing Dia (inch	es)	12					als.	
Bore Depth (ft.)		600				A P TO		
Head (ft.)	B	200						
Impeller Installation	•	100						
Paint of Pumping		Fair				Sheikhupura, Punjab, Pakistan		
Number of	Gate Valve	1 1				CPRETHYS, Bassa Dolony, Shekhapara, Parjat, Faleston Lar 31,779402 Lary 74,233456 24,93078 1955592 CMT 405403		
Valves	Non-Returning Valve					3999v 1		
Base Plate		Yes No						
_		nical Equipmer						
Transformer Capacity (kVA)		50					egents.	
Sanctioned Load (Kw)		30						
Motor Power (HP)		40						
Motor Make		Siemens		No				
MCU			Yes No				Sheikhupura, Punjab, Pakistan	
Earthing of Motor		Yes			No		Content of a sector Coron, Steinhapara, Farjot, Fo deter Large 14-253-254 Long 14-253-254 (see 1-65-0)	
Power Wiring		Yes		No				
Service Cable		Yes			No			
Earthing of MCU		Yes			No			
Energy Meter		Yes			No			

Integrated Development and Asset Management Plan (IDAMP)								
Municipal Committee Muridke								
Form: IDAMP-A1	As	Tube Well Ass Asset Condition Assessment				-04-2023		
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	Fa	air	Poor	Failing		
Category	Α	В		С	D	E		
	Remarks / Requirements							
<ul> <li>No remarks</li> </ul>								
Data Collected By: Mr	Jawad	Designation: Team Member			Sign & Date: 30-			
					May-202			
Data Checked By: Mr. M. Fiaz		Designation: Team Lead			Mayfay			
					Sign & Da May 202			

Integrated Development and Asset Management Plan (IDAMP)								
Municipal Committee Muridke								
Form: IDAMP-A1	A	Tube W sset Condition		ment		Ass	set Code: Date: 24-04-2023	
		Asset Detail					Pictures	
Name		Old Committee Office						
Location	itude		31.79	98492				
Loi	ngitude		74.2	55937				
Address		Adjacent Tameer Bank, Near GT Road, Muridke						1
Area (Marla)				Marla				
Working Status		Functiona			Functi	ional	?	
Installation Year of T	ube Well	Not Available						
Installation Year of P	•			800				2.11
Capital Cost of Mach	inery		Not A	vailable				-
Operational Hours				8				
Delivery Pipe Dia				6				N market
Ma	terial		Mild	Steel				
Chlorinator		Yes			No			
Chlorination Schedule		Once in a Year		er 6 nths	No S	chedule	- innertial	
Apron Around Pump House		Yes No				N		
Hoisting Girder		Yes No		No.	1			
Civil Structure Condition		Good	Fá	air		Bad		13
Approach to Pump H	ouse	Good	Fá	air	Bad		Murid ke, Punjab, Pakistan G7X4180, aspecht Tamor 801, nor Not	ata OF Road,
	F	Pump Details					I HI 311/98/82** Long 74/35/297* 24/35/25 03/53 *M OMT + 05/05	1
Pump Type			Tur	bine				
Pump Make		Peco					7.7	
Discharge Capacity (	Cusec)	1					(B) A	
Rotational Speed (RF	PM)	1465					1	
Housing Dia (inches)		12						
Bore Depth (ft.)		600				13.1		
Head (ft.)		150						
Impeller Installation	Depth (ft.)	100				THE PERSON NAMED IN	E romanes an	
Paint of Pumping Uni	t	Good			Muridike, Punjab, Pakistan crxxi stota, aspecint tamor tani, nor W binithe, Shelit opera, Panjab, Pakister 1 at 31,595,25*	deln OF Road,		
Ga	te Valve			1			Google 24/39/35 09/39 PM ONT 107/35	
Number of No Valves Re Va	turning	1						
Base Plate		Yes No						
	lectro-Mech	anical Equipme	ent Deta	ails				E STATE
Transformer Capacity (kVA)		50				I		
Sanctioned Load (Kw)		19						
Motor Power (HP)		30				Day.		
Motor Make		Peco				Muridke, Punjab, Pakistan GWA seta, agreen tancer tank ner M Murille, Stell apos, Parjel, Pakister	dels Of Road,	
MCU		Yes No			Google 14 24/34/36 00/54 PM OVT 05 05			
Earthing of Motor		Yes						
Power Wiring		Yes			No		1	
Service Cable		Yes			No		1	
Service Cable  Earthing of MCU		Yes			No			

Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Muridke									
Form: IDAMP-A1	A	Tube Well sset Condition Assessm	ent	Ass	et Code: Date: 24-04-2023				
Energy Meter	•	Yes	No						
Water Meter		Yes	No						
PFI Equipment		Yes	No						
Generator		Yes	No						
Change Over		Yes	No						
		Overall Rating			_	Ī			
Average Score	1	2	3	3	4	5			
Asset Condition	Excellent	Good	Fá	air	Poor	Failing			
Category	Α	В	(	:	D	Е			
Remarks / Requirements									
<ul> <li>No remarks</li> </ul>									
Data Collected By: Mr.	Jawad	Designation: Team Member			Sign & Date: 30- May-2023				
Data Checked By: Mr. I	M. Fiaz	Designation: Team Le	ad		Sign & D May 202				

Name	I	ntegrated Deve	elopment and Ass	set Mar	nageme	ent Plan (ID	AMP)	
IDAMP-A1			Municipal Comm	nittee M	1uridke	<b>:</b>		
Name								
Location   Latitude   Longitude   T4.2598     Address   Supply Scheme# 2, Nizam Park, Muridke   O1 Marla   Working Status   Functional   Non- Functional   Installation Year of Tube Well   NA   Installation Year of Pump   1998     Capital Cost of Machinery   Not Available   Operational Hours   Ba   Material   Mild Steel     Chlorinator   Yes   No   Nothorths   No   Chlorination Schedule   Apron Around Pump House   Yes   No   No   Civil Structure Condition   Good   Fair   Bad   Approach to Pump House   Good   Fair   Bad   Approach to Pump House   KSB   Discharge Capacity (Cusec)   1   Rotational Speed (RPM)   1465   Housing Dia (Inches)   12   Bore Depth (ft.)   150   Impeller Installation Depth (ft.)   150   Impeller Installation Depth (ft.)   150   Impeller Installation Depth (ft.)   100   Paint of Pumping Unit   Fair   Gate Valve   Non-Returning   Valve   Non-Returning   Valve   Soo   Electro-Mechanical Equipment Details   Transformer Capacity (KVA)   50   Impeller Installation Depth (KVA)   50   Impell		Д	sset Detail				Pictures	
Longitude   T4.2598     Address   Supply Scheme# 2, Nizam Park, Muridke     Area (Marla)   O1 Marla     Working Status   Functional   Non- Functional     Installation Year of Tube Well   NA     Installation Year of Pump   1998     Capital Cost of Machinery   Not Available     Operational Hours   8     Delivery Pipe   Dia   8     Material   Mild Steel     Chlorinator   Yes   No     Chlorination Schedule   Once in a Year   After 6   No     Months   Schedule     Apron Around Pump House   Yes   No     Hoisting Girder   Yes   No     Civil Structure Condition   Good   Fair   Bad     Approach to Pump House   Good   Fair   Bad     Approach to Pump House   KSB     Discharge Capacity (Cusec)   1     Rotational Speed (RPM)   1465     Housing Dia (inches)   12     Bore Depth (ft.)   600     Head (ft.)   150     Impeller Installation Depth (ft.)   100     Paint of Pumping Unit   Fair     Gate Valve   1     Number of Valves   Non-Returning   Valve     Das Plate   Ves   No     Electro-Mechanical Equipment Details     Transformer Capacity (KVA)   50	Name			Nizam	Park			
Address Supply Scheme# 2, Nizam Park, Muridke O1 Marla Working Status Functional Non-Functional Installation Year of Tube Well NA Installation Year of Tube Well NA Installation Year of Pump 1998 Capital Cost of Machinery Not Available Operational Hours 8 8	Location	Latitude		31.791	L684			
Area (Marla)  Working Status  Functional  Installation Year of Tube Well  Installation Year of Pump  Capital Cost of Machinery  Operational Hours  Delivery Pipe  Dia  Material  Material  Mild Steel  Chlorinator  Chlorination Schedule  Apron Around Pump House  After 6  Months  No  Civil Structure Condition  Apron Around Pump House  Fair  Bad  Pump Type  Turbine  Pump Make  KSB  Discharge Capacity (Cusec)  1  Rotational Speed (RPM)  1465  Housing Dia (inches)  12  Bore Depth (ft.)  150  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Fair  Gate Valve  Non-Returning  Valve  Non-Returning  Valve  Non-Returning  Valve  Non-Returning  Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (KVA)  50	Location	Longitude		74.2598				
Working Status   Functional   Non-Functional   Installation Year of Tube Well   NA   Installation Year of Pump   1998   Capital Cost of Machinery   Not Available   Operational Hours   B   Material   Mild Steel   Chlorinator   Yes   No   No   Chlorination Schedule   Once in a Year   After 6   Months   Schedule   Apron Around Pump House   Yes   No   No   Civil Structure Condition   Good   Fair   Bad   Approach to Pump House   Good   Fair   Bad   Approach to Pump House   KSB   Discharge Capacity (Cusec)   1   Rotational Speed (RPM)   1465   Housing Dia (inches)   12   Bore Depth (ft.)   600   Head (ft.)   150   Impeller Installation Depth (ft.)   100   Paint of Pumping Unit   Fair   Gate Valve   1   Non-Returning Valve   South Pain (Returning Valve)   South Pain (Re	Address		Supply Scheme	e# 2, N	izam P	ark, Muridke		
Installation Year of Tube Well Installation Year of Pump  Capital Cost of Machinery  Operational Hours  Delivery Pipe Dia Material  Chlorinator  Chlorination Schedule  Apron Around Pump House Hoisting Girder  Civil Structure Condition  Approach to Pump House  Pump Details  Pump Type  Pump Make Discharge Capacity (Cusec)  Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Fair  Saba  No  After 6 Months  No  After 6 Months  No  Schedule  No  No  Schedule  No  No  Schedule  No  No  Schedule	Area (Marla)			•				
Installation Year of Pump Capital Cost of Machinery Operational Hours  Delivery Pipe Dia Material  Chlorinator  Chlorination Schedule Apron Around Pump House Hoisting Girder  Civil Structure Condition Approach to Pump House Pump Details  Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Base Plate  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  Base Plate  Pump Available  No Atvailable  No Atvailable  No Atvailable  No Atvailable  No Atvailable  No Atvailable  No Atter 6 No No Schedule	•		Functional					
Capital Cost of Machinery Operational Hours  Delivery Pipe  Material  Chlorinator  Chlorination Schedule  Apron Around Pump House Hoisting Girder  Civil Structure Condition  Pump Details  Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.)  Plead (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit Paint of Pumping Unit Gate Valve Non-Returning Valve  Base Plate  Yes No  No  No  After 6 No Schedule No Schedule No No Schedule No Sc								
Delivery Pipe								0
Delivery Pipe    Dia   Material   Mild Steel	•		1		ilable			
Chlorinator  Chlorination Schedule  Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details  Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit  Base Plate  Waterial  Mild Steel No Months No After 6 Months No Schedule No	Operational Hours						- Inner	
Chlorinator  No  After 6  No  No  Fair  Bad  Pump Details  Pump Details  Pump Details  Pump Make  KSB  Discharge Capacity (Cusec)  1  Rotational Speed (RPM)  1465  Housing Dia (inches)  12  Bore Depth (ft.)  Chlorinator  Chlorinator  Chlorinator  Chlorinator  No  Fair  No  Civil Structure Condition  Good Fair Bad  Rad  Pump Details  Pump Details  Transformer Capacity (Cusec)  1  No  Chlorinator  After 6  No  Months  Schedule  No  No  Fair  Bad  Pump Details  Transformer Capacity (Cusec)  1  No  Civil Structure Condition  Fair  Bad  Pump Details  Transformer Capacity (Cusec)  1  No  Chlorinator  After 6  No  No  Housing Dia (Inches)  1  Inches Pad  And Person  No  No  Civil Structure Condition  Schedule  No  No  No  Civil Structure Condition  Fair  Bad  Approach to Pump Bad  Rad  Pump Details  Pump Details  Turbine  Pump Details  Turbine  Pump House  No  Rood Fair  Bad  Approach to Pump Bad  No  No  No  Civil Structure Condition  No  Schedule  No  No  No  Inches Pad  No  No  Inches Pad  No  Inches Pa	Delivery Pipe						Muridke, Punjab, Pakistan OTRE-UKA, Muridle, SileMupura, Pariab, Pakisan Lat 3' TRESE'	
Chlorination Schedule  Apron Around Pump House Apron Around Pump House Hoisting Girder  Civil Structure Condition Approach to Pump House  Pump Details  Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Fair  Gate Valve Number of Valves  Base Plate  Yes No  After 6 Months No Schedule No No No No  No  Schedule No No No  Fair Bad  Furrbine Fair  6000  1465  600  600  Fair Bad  Pump Type Furrbine Fair  600  Fair Bad  Fair  100  Fair Fair  Fair  Fair  Gate Valve  Non-Returning Valve  Base Plate  Yes No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  50		Material		Mild S	teel		Soogle 24/09/25 01:29 PM GMT +05:00	
Apron Around Pump House Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details Pump Type Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Fair Gate Valve Number of Valves  Base Plate  Once in a Year Months No No No No No No No Field Bad Approach to Pump House Food Fair Bad Approach to Pump H	Chlorinator		Yes	1 4 51				8
Hoisting Girder  Civil Structure Condition  Approach to Pump House  Pump Details  Pump Type  Pump Make  Discharge Capacity (Cusec)  Rotational Speed (RPM)  Housing Dia (inches)  Bore Depth (ft.)  Head (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Paint of Pumping Unit  Base Plate  Non-Returning Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)	Chlorination Schedule				-	Schedule		64
Civil Structure Condition Good Fair Bad Approach to Pump House Good Fair Bad  Pump Details  Pump Type Turbine Pump Make KSB  Discharge Capacity (Cusec) 1  Rotational Speed (RPM) 1465 Housing Dia (inches) 12 Bore Depth (ft.) 600 Head (ft.) 150 Impeller Installation Depth (ft.) 100 Paint of Pumping Unit Fair  Number of Valves Sase Plate Yes No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA) 50								-
Approach to Pump House Good Fair Bad  Pump Details  Pump Type Turbine  Pump Make KSB  Discharge Capacity (Cusec) 1  Rotational Speed (RPM) 1465  Housing Dia (inches) 12  Bore Depth (ft.) 600  Head (ft.) 150  Impeller Installation Depth (ft.) 100  Paint of Pumping Unit Fair  Number of Valves Non-Returning Valve 1  Base Plate Yes No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA) 50								
Pump Type Pump Make Pump Make SSB  Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Number of Valves  Base Plate Yes No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  Turbine T								
Pump Type Pump Make  Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Fair  Number of Valves  Rotational Speed (RPM)  Housing Dia (inches)  Bore Depth (ft.)  Fair  Solutional Speed (RPM)  I 150 Impeller Installation Depth (ft.)  Paint of Pumping Unit Fair  Number of Valves  Non-Returning Valve  Base Plate  Yes No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  Transformer Capacity (kVA)								
Pump Make Discharge Capacity (Cusec) Rotational Speed (RPM) Housing Dia (inches) Bore Depth (ft.) Head (ft.) Impeller Installation Depth (ft.) Paint of Pumping Unit Rotational Speed (RPM)  Index Installation Depth (ft.)  Paint of Pumping Unit Sate Valve Non-Returning Valve  Base Plate Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA)  Solve  Figure 1  Transformer Capacity (kVA)  Discharge Capacity (Cusec)  1  Contact Cusec)  Contact Cusec  Cont	D T	Р	ump Details	T			Muridia Rusish Rakistan	
Discharge Capacity (Cusec)  Rotational Speed (RPM)  Housing Dia (inches)  Bore Depth (ft.)  Head (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Fair  Sate Valve  Number of Valves  Non-Returning Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  1  1  1  1  1  1  1  1  1  1  1  1  1								
Rotational Speed (RPM)  Housing Dia (inches)  Bore Depth (ft.)  Head (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Fair  Gate Valve  Number of Valves  Non-Returning Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  1465  100  100  Fair  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  100  Fair  No  Fair  Fair  No  Fair	•	· (C		Soogles 24/05/25 01:31 PM GNT +05:00	J			
Housing Dia (inches)  Bore Depth (ft.)  Head (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Fair  Sate Valve  Non-Returning Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  12  100  100  100  100  100  100  100		•		_				
Bore Depth (ft.)  Head (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Fair  Number of Valves  Non-Returning Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  50	•							
Head (ft.)  Impeller Installation Depth (ft.)  Paint of Pumping Unit  Fair  Gate Valve  Number of Valves  Non-Returning Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  150  100  No  No  100  No  No  Electro-Mechanical Equipment Details		:5)						
Impeller Installation Depth (ft.)  Paint of Pumping Unit  Gate Valve  Number of Valves  Non-Returning Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  100  No  No  Electro-Mechanical Equipment Details								-
Paint of Pumping Unit  Gate Valve  Number of Valves  Non-Returning Valve  Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  50		on Denth (ft )						
Number of Valves Non-Returning Valve 1  Base Plate Yes No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA) 50								
Number of Valves Non-Returning Valve 1  Base Plate Yes No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA) 50	. sinc or ramping (							
Base Plate  Yes  No  Electro-Mechanical Equipment Details  Transformer Capacity (kVA)  50	Number of Valves	Non-Returning	1	<del>-</del>				
Electro-Mechanical Equipment Details Transformer Capacity (kVA) 50			Yes	Yes No.			Control of the second of the s	3
Transformer Capacity (kVA) 50		Electro-Mecha		Details		.,,,		1
	Transformer Cana							1
	, ,					AND STAN	4	
Motor Power (HP) 30							A CANON	
Motor Make Siemens								
MCU Yes No			Yes			No		
Earthing of Motor Yes No			Yes			No		
Power Wiring  Yes  No  Munitate, Putph, Patistan  Ondones, Natural, Patistan  Ondones, Pa						Muridke, Punjab, Pakistan 0785-UK4, Muridke, Stehhupura, Parjab, Pakisan Lat 31/2918591	The same	
Service Cable Yes No	Service Cable		Yes			No		No.
Earthing of MCU Yes No	Earthing of MCU		Yes			No		
Energy Meter Yes No	Energy Meter		Yes			No		
Water Meter Yes No	Water Meter		Yes			No		

Integrated Development and Asset Management Plan (IDAMP)								
Municipal Committee Muridke								
Form: IDAMP-A1						set Code: Date: 24-04-2023		
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	Ε		
		Remarks / Requireme	nts					
<ul> <li>Pump has outlived</li> </ul>	its life and n	eeds replacement.						
Data Collected By: Mr	Jawad	Designation: Team Member			Sign & Da May-202			
Data Checked By: Mr. M	1. Fiaz	Designation: Team Le	Designation: Team Lead			hy ite: 30 May		

Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Muridke									
Form:		Tube We	11			A:	sset Code:		
IDAMP-A1	IDAMP-A1 Asset Condition Assessment						Date: 24-04-2023		
	As	set Detail			į		Pictures		
Name			Ahmed	Pura					
Location	Latitude	31.795212							
Location	Longitude 74.259554				74.259554				
Address		Supply Scheme	#1, A	hmad F	Pura, Mi	uridke			
Area (Marla)			01 M	arla					
Working Status		Functional		Non-	Functio	nal			
Installation Year o	f Tube Well		N/	4					
Installation Year o	f Pump		201	L7					
Capital Cost of Ma	chinery	(	6 Millio	n PKR					
Operational Hours	•		8						
,	Dia		6				Muridke, Punjab, Pakistan 07/5-8 l8, Wuridke, Sheillupun, Purjab, Pakistan		
Delivery Pipe	Material		Mild S	Steel			Latt 31.790212* Lang 74.259554* 24/03/23 02.41 PM GMT (05:00		
Chlorinator		Yes			No		PROGRESS CONTROL - CONTROL		
Chlorination Scheo	fule	Once in a Year		er 6 nths	No Sch	nedule			
Apron Around Pun	np House	Yes			No				
Hoisting Girder		Yes		No					
Civil Structure Cor	ndition	Good	<b>Fair</b> Ba		ad				
Approach to Pump	House	Good	Fa	nir	Ba	ad			
,,		mp Details							
Pump Type			Turb	ine			Muridke, Punjab, Pakistan G7VS+R IB, Muridke, Sheikfupurs, Punjab, Pakistan		
Pump Make		Flow Pak					Lat 91.790384* Long 74.290642* Google 24/03/23 02/43 PM GMT (05:00		
Discharge Capacit	v (Cusec)	1							
Rotational Speed (	•	1460							
Housing Dia (inche	•	12							
Bore Depth (ft.)	<u>.,                                      </u>		60						
Head (ft.)		150							
Impeller Installation	n Depth (ft.)	100				No.			
Paint of Pumping l			Pod						
and or i ampirity	Gate Valve		1						
Number of Valves			1				Muridko, Punjab, Pakistan O745-R B, Musike, Steaklupus, Purish, Relesan Lat 11/9034** Lung A (20042) 24/03/23 02-45 PM (687) (050)		
Base Plate		Yes			No		And the second s		
Dage : late	Electro-Mechan		Details	<u> </u>	140				
Transformer Capa		qaipinicit	10				1		
Sanctioned Load (Kw)			19						
Motor Power (HP)		25					1 me Contract		
Motor Make		Siemens							
MCU				No		0.50			
Earthing of Motor		Yes			No No				
Power Wiring		Yes					Muridke, Punjab, Pakistan OVS-R II, Waidke, Sheiklupun, Punjab, Pelistan		
Service Cable		Yes			No No		Lat 31.795352* Lang 74.289467* 24.03/23 02/42 PM SMT (05:00		
Earthing of MCU		Yes			No No				
Energy Meter		Yes			No				
Water Meter		Yes			No				
water weter	1 62			INU					

Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Muridke									
Form: Tube Well Asset IDAMP-A1 Asset Condition Assessment						set Code: Date: 24-04-2023			
PFI Equipment	·	Yes	No						
Generator		Yes	No						
Change Over		Yes	No						
		Overall Rating							
Average Score	1	2		3	4	5			
Asset Condition	Excellent	Good	F	air	Poor	Failing			
Category	Α	В	В С						
		Remarks / Requirement	nts						
<ul> <li>No remarks</li> </ul>									
Data Collected By: Mr. Jawad  Designation: Team Member  Sign & Date: 3 May-2023						te: 30-			
Data Checked By: Mr. N	I. Fiaz	Designation: Team Lea	ad		Sign & Da				

Tube Well   Asset Cod   Date:	Integrated Development and Asset Management Plan (IDAMP)							
Name	Municipal Committee Muridke							
Name Location  Supply Scheme #4, Mohallah Shaikhan 74.257264  Address  Supply Scheme #4, Mohallah Shaikhan O1 Marla  Working Status  Functional  Non-Functional  Installation Year of Tube Well  1987  Location  Location  Pump 1987  Capital Cost of Machinery  Not Available  Operational Hours  Babelivery Pipe  Dia Material  Mild Steel  Chlorination Schedule  Apron Around Pump House  Apron Around Pump House  Hoisting Girder  Yes  No  Civil Structure Condition  Approach to Pump House  Good  Fair  Bad  Approach to Pump House  Fump Details  Pump Type  Turbine  Pump Make  Discharge Capacity (Cusec)								
Location    Latitude	ture							
Longitude   74.257264     Address   Supply Scheme #4, Mohallah Shaikhan     Area (Marla)   O1 Marla     Working Status   Functional   Non-Functional     Installation Year of Tube Well   1987     Installation Year of Pump   1987     Capital Cost of Machinery   Not Available     Operational Hours   8     Delivery Pipe   Dia   8     Material   Mild Steel     Chlorinator   Yes   No     Chlorination Schedule   Once in a Year   After 6   No     Months   Schedule     Apron Around Pump House   Yes   No     Hoisting Girder   Yes   No     Civil Structure Condition   Good   Fair   Bad     Approach to Pump House   Good   Fair   Bad     Approach to Pump House   KSB     Discharge Capacity (Cusec)   1								
Longitude   74.257264     Address   Supply Scheme #4, Mohallah Shaikhan     Area (Marla)   O1 Marla     Working Status   Functional   Non- Functional     Installation Year of Tube Well   1987     Installation Year of Pump   1987     Capital Cost of Machinery   Not Available     Operational Hours   8     Delivery Pipe   Dia   8     Chlorinator   Yes   No     Chlorination Schedule   Once in a Year   After 6   No     Months   Schedule     Apron Around Pump House   Yes   No     Civil Structure Condition   Good   Fair   Bad     Approach to Pump House   Good   Fair   Bad     Approach to Pump House   Turbine     Pump Type   Turbine     Pump Make   KSB     Discharge Capacity (Cusec)   1								
Area (Marla)  Working Status  Installation Year of Tube Well  Installation Year of Pump  Capital Cost of Machinery  Operational Hours  Delivery Pipe  Dia Material  Chlorinator  Chlorination Schedule  Apron Around Pump House  Hoisting Girder  Civil Structure Condition  Approach to Pump House  Pump Details  Pump Type  Pump Make  Discharge Capacity (Cusec)  Punctional  Non-Functional  Non-Functiona								
Norking Status   Functional   Non-Functional	Marie San							
Installation Year of Tube Well Installation Year of Pump  Capital Cost of Machinery  Operational Hours  Delivery Pipe  Dia Material  Mild Steel  Chlorinator  Chlorinator  Chlorination Schedule  Apron Around Pump House  Hoisting Girder  Civil Structure Condition  Approach to Pump House  Pump Details  Pump Type  Pump Make  Discharge Capacity (Cusec)  Pump Make  Discharge Capacity (Cusec)  Pump 1987  1987  1987  1987  1987  1987  Available  No  No  After 6 Months  Schedule  No  Schedule  No  Schedule  No  Schedule  No  Turbine  Furrbine  Furrbine  Furrbine  Pump Make  Discharge Capacity (Cusec)								
Installation Year of Pump Capital Cost of Machinery Operational Hours  Delivery Pipe Dia Material Mild Steel Chlorinator  Chlorination Schedule Apron Around Pump House Hoisting Girder Civil Structure Condition Approach to Pump House Pump Details Pump Type Pump Make Discharge Capacity (Cusec)  Punto Available  No Moth Available  No After 6 Months Schedule After 6 Months Schedule No Conce in a Year After 6 Months Schedule No Fair Bad Fair Bad Furbine Furbine Fump Make Discharge Capacity (Cusec)								
Capital Cost of Machinery Operational Hours  Delivery Pipe  Dia Material  Chlorinator  Chlorination Schedule  Apron Around Pump House Hoisting Girder  Civil Structure Condition Approach to Pump House Pump Make Discharge Capacity (Cusec)  Not Available  8  Not Available  8  Mild Steel  No Mild Steel  No Months Schedule No Months Schedule No Fair Bad  Pump Type  Turbine  KSB  Discharge Capacity (Cusec)								
Operational Hours  Delivery Pipe    Dia								
Delivery Pipe    Dia   Material   Mild Steel	ha.							
Chlorinator  Chlorination Schedule  Apron Around Pump House  Hoisting Girder  Civil Structure Condition  Approach to Pump House  Pump Type  Pump Make  Discharge Capacity (Cusec)  Mild Steel  No  After 6  Months  Schedule  No  Schedule  No  Fair  Bad  Fump Type  Turbine  KSB  Discharge Capacity (Cusec)								
Chlorinator  Chlorination Schedule  Apron Around Pump House  Hoisting Girder  Civil Structure Condition  Approach to Pump House  Pump Type  Pump Make  Discharge Capacity (Cusec)  Pyes  No  After 6  No  Months  After 6  Months  Schedule  No  Schedule  No  Fair  Bad  Fair  Bad  Fump Type  Turbine  KSB	Punjab, Pakis tehata Grotoren M							
Chlorination Schedule  Apron Around Pump House  Hoisting Girder  Civil Structure Condition  Approach to Pump House  Pump Type  Pump Make  Discharge Capacity (Cusec)  Once in a Year  After 6  Months  Schedule  No	64* 41 *M OMT (00 0)							
Apron Around Pump House  Hoisting Girder  Civil Structure Condition  Approach to Pump House  Pump Type  Pump Make  Discharge Capacity (Cusec)  Once in a Year  Months  Schedule  No  No  Fair  Bad  Fair  Bad  Pump Details  Furbine  KSB								
Hoisting Girder  Civil Structure Condition  Approach to Pump House  Fair  Bad  Pump Details  Pump Type  Turbine  Pump Make  Discharge Capacity (Cusec)	1001							
Civil Structure Condition Good Fair Bad Approach to Pump House Good Fair Bad  Pump Details  Pump Type Turbine Pump Make KSB  Discharge Capacity (Cusec) 1								
Approach to Pump House Good Fair Bad Pump Details Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) 1								
Pump Details  Pump Type  Turbine  Pump Make  Discharge Capacity (Cusec)  Turbine  KSB								
Pump Type Turbine Pump Make KSB Discharge Capacity (Cusec) 1								
Pump Make KSB Discharge Capacity (Cusec) 1								
Discharge Capacity (Cusec) 1	Punjab, Pakis Ishala Grossen M							
zioonargo capacity (cacce)	27" 41 PM ONT (00 0)							
Rotational Speed (RPM) 1465								
Housing Dia (inches) 12								
Bore Depth (ft.) 600								
Head (ft.) 150								
Impeller Installation Depth (ft.)								
Paint of Pumping Unit Good	10							
Gate Valve 1	Duraish Dalais							
Number of Valves Non-Returning Valve	ehala Shokhen M leri co kap <sup>a</sup> ka PM GMT ( 05 O							
Base Plate Yes No								
Electro-Mechanical Equipment Details	1							
Transformer Capacity (kVA) 50								
Sanctioned Load (Kw) 19	- COL							
Motor Power (HP) 30	4							
Motor Make Siemens								
MCU Yes No	4							
Earthing of Motor Yes No	7/1							
Power Wiring Yes No	Punjab, Pakis Ishala Gottoen M Ish							
Service Cable Yes No	28* 41 *MONT (05 31							
Earthing of MCU Yes No								
Energy Meter Yes No								
Water Meter Yes No								



Date: 24-04-2023 Pictures







Integrated Development and Asset Management Plan (IDAMP)								
Municipal Committee Muridke								
Form: IDAMP-A1								
PFI Equipment		Yes	No	)				
Generator		Yes	No	)				
Change Over		Yes	No	)				
		Overall Rating						
Average Score	1	2		3	4	5		
Asset Condition	Excellent	Good	Good Fa			Failing		
Category	Α	В		С	D	E		
		Remarks / Requirem	ents					
<ul> <li>Pump has outlived</li> </ul>	its life and ne	eds replacement.						
Data Collected By: Mr	Designation: Team Member				awad-			
					Sign & Date: 30-May- 2023			
Data Checked By: Mr. M	Designation: Team Lead			Maypy				
					Sign & Date: 30 May 2023			

Integrated Development and Asset Management Plan (IDAI								(IDAMP)	
		Mı	unicipal Commit	tee N	⁄lurid	ke			
Form: IDAMP-A1		Asset	Tube Well Condition Assessment					Asse	t
		Asset I	Detail						
Name		713300	Ca		_				
	Latit	ıde	31.						
Location	Long			.251					
Address	19		Gulshan-e-Zaf			. Mu	ridke		_
Area (Marla)				1 Mar				9.0	100
Working Status			Functional	N	lon- f	unc	tional	1000	
Installation Year o	f Tub	e Well		2022	)				5
Installation Year o	f Pum	р		2022	)				
Capital Cost of Ma	chine	ry	6 Mi	Ilion	PKR			1	
Operational Hours				8					l
Dolivery Dine	Dia			8				16.	N. Ri
Delivery Pipe	Mate	rial	Mi	ld Ste	eel			Soogle	1 1 2
Chlorinator			Yes			No	)		
Chlorination Sche	dule		Once in a Year		er 6 nths		No nedule		ALL
Apron Around Pun	np Ho	use	Yes		No				
Hoisting Girder			Yes		No				
Civil Structure Co	nditio	າ	Good	Fa	air	E	3ad		
Approach to Pump	Hous		Good	Fa	air	E	3ad		
		Pump D	etails					Y	
Pump Type			Turbine					•	2000
Pump Make			KSB					500(0)	L: 24
Discharge Capacit	•		1					V	- 1
Rotational Speed			1480					200	*
Housing Dia (inche	es)		12					7	N
Bore Depth (ft.)			600					5)/	
Head (ft.)		11 251 >	150						-
Impeller Installation		oth (ft.)	100					1	
Paint of Pumping		\		Good					
Number of Values		Valve		1				New York	N
Number of Valves	Valve			1				Songle	0 10 10 10 10
Base Plate			Yes			No	)		
			Equipment Deta					1	i
Transformer Capa		50					Townson or other Designation of the last o		
Sanctioned Load (Kw)				19					1
Motor Power (HP)				30					ı
Motor Make				eimer	าร 	k t			1
MCU			Yes			No			
Earthing of Motor			Yes		No			11.00	No.
Power Wiring			Yes		No			V.	27 1. 1.
Service Cable			Yes		No			<b>金属金属</b>	2
Earthing of MCU			Yes			No			
Energy Meter			Yes Yes			No			
water meter		Water Meter				No			



Asset Code: \_

Date: 24-04-2023

Pictures







Integrated Development and Asset Management Plan (IDAMP)								
Municipal Committee Muridke								
Form: IDAMP-A1								
PFI Equipment		Yes	No					
Generator		Yes	No					
Change Over		Yes	No					
		Overall Rating						
Average Score	1	2	4	5				
Asset Condition	Excellent	Good	Fair	Poor	Failing			
Category	Α	В	D	Е				
	R	emarks / Requireme	ents					
<ul> <li>No remarks</li> </ul>								
Data Collected By: Mr. J	lawad	Designation: Team		Sign & Date: 30-May- 2023				
Data Checked By: Mr. M	Designation: Team	Lead	Sign & Da 2023	Dushing te: 30 May				

ı	ntegra	ated Develor	oment and Asse	t Mai	nage	ement Plai	n (IDAMP)
		Mu	unicipal Commit	tee N	Muri	dke	
Form: IDAMP-A1		Asset	Tube Well Condition Asses	Asse			
	Asset D						
Name	7,0500 2		adok	e			
	Latit	ıde		3158			1
Location	Long			2482			1
Address			Sui Gas Wala			Muridke	
Area (Marla)			01	Mar	la		
Working Status			Functional			Non- nctional	
Installation Year o	f Tube	e Well	Not A	Availa	able		
Installation Year o	f Pum	р	2	2005			
Capital Cost of Ma	chine	у	Not A	<u>Ava</u> ila	able		
Operational Hours				8			
Delivery Pipe	Dia			6			Soogle
Delivery Pipe	Mate	rial	Mil	d Ste	el		
Chlorinator			Yes			No	
Chlorination Scheo	dule		Once in a Year	Afte Mon		No Schedule	
Apron Around Pun	np Ho	use	Yes	. I		No	
Hoisting Girder	Yes			No	w. 5 mt		
Civil Structure Co	nditior	1	Good	Fa	ir	Bad	22.0
Approach to Pump	Hous	e	Good	Fa	ir	Bad	
		Pump D					•
Pump Type			Τι	Scoglo -			
Pump Make			Not A				
Discharge Capacit	•	ec)		5.4			
Rotational Speed			1				
Housing Dia (inche	es)						
Bore Depth (ft.)				-			
Head (ft.)		11. 751. \		-			
Impeller Installation		tn (ft.)		100			-
Paint of Pumping		Valve	(	<u> </u>			
Number of Valves				1			emala
Number of valves	Valve	•		1			Spirituale
Base Plate	1 - 4140	•	Yes			No	
	ectro-	Mechanical I	Equipment Deta	ils			
Transformer Capa		50			-		
Sanctioned Load (Kw)				23			
Motor Power (HP)				25			
Motor Make	Sie	emen	ıs		No.		
MCU			Yes			No	
Earthing of Motor			Yes			No	•
Power Wiring			Yes			No	Soogle
Service Cable			Yes			No	]
Earthing of MCU			Yes			No	]
Energy Meter			Yes			No	



Asset Code: \_

Pictures

Date: 24-04-2023







Integrated Development and Asset Management Plan (IDAMP)								
Municipal Committee Muridke								
Form: Tube Well IDAMP-A1 Asset Condition Assessment						ode: e: 24-04-2023		
Water Meter		Yes	N	0				
PFI Equipment		Yes	N	0				
Generator		Yes	N	0				
Change Over		Yes	N	0				
		Overall Rating						
Average Score	1	2	3			5		
Asset Condition	Excellent	Good	Good Fair			Failing		
Category	Category A B C					E		
	Re	emarks / Requirem	ents					
<ul> <li>Pump has outlived i</li> </ul>	ts life and need	ls replacement.						
Data Collected By: Mr. Ja	Designation: Team Member			Sign & Date	e: 30-May-			
Data Checked By: Mr. M.	Fiaz	Designation: Team	) Lead		2023 Sign & Date 2023	byshry e: 30 May		

### c. OHR

Sr #	Name	Age (Years)	Condition	Status	Book Value (PKR Million)	Capacity
1	Mohalla Peeran Mandi	Not Available	Poor	Abandoned	2	100,000
2	Bhutta Colony	Not Available	Poor	Abandoned	1.8	50,000

	I	ntegrated De	velopmer	nt And A	sset Man	agemen	t Plar	n (IDAMP)		
			Munici	pal Serv	ice Unit N	Muridke				
Form: IDAMP-A2	А	Over Head Reservoir sset Condition Assessment			nt		Asset Code: Date: 24-04-2023			
Name			Mohalla	a Peerar	n Mandi			Pictures		
L	atitu	de	3	1.8018	14					
Location L	ongit	ude	7.	4.25140	)3					
Address			Mohalla Peeran Mandi, Muridke					ie grand and a second		
Year of Cons	truct	ion	No	t Availa	ble					
Capacity (UK	Gall	ons)		50,000			7			
Cleaning Fred Year)				0						
Type of Struc	ture	ı	Bri	ck Maso	nry			CHX		
Structure Co			Good	Fair	Poor	5				
Tank Condition		011	Good	Fair	Poor					
Number Slui		alvo	Ooou	ı an	1 001					
		curning								
Valves Val		urining						Muridke, Punjab, Pakistan		
Working Stat			А	bandon	ed	. Go	oogle	R722-MGC, Tanix Wala Bazar, Canal Park Mohalla Faiz e Madina, Muridek, Sheikhupura, Punjab, Pakistan Lat 31.801814* Lung 74.281403* 27.106/23 12.24 PM GMT +05:00		
D	Di	a				<b>April</b>	NATIONAL PROPERTY.			
Rising Main	Ma	aterial								
Delivery Mair	Di						n <sub>a</sub>			
	M	aterial								
Overflow &	Di					1		779		
Scour Pipe	_	aterial								
		sing Main	Yes		No					
Sluice Valve		elivery Main our Pipe	Yes Yes		No No	-				
		erflow Pipe	Yes		No					
Stair Case	01	remow ripe	Yes		No			The state of the s		
Apron Aroun	d OH	R	Yes		No	68				
Tank Top Rai			Yes		No	Te (	es verse en en	GPS Map Camera		
Top Indicatio		ht	Yes		No			Muridke, Punjab, Pakistan R722+MGC, Tanki Wala Bazar, Canal Park Mohalla Faiz e Madina, Muridke, Sheikhupura, Punjab, Pakistan		
Lightening A	rrest	er	Yes		No			Lat 31.801806° Long 74.251479°		
Boundary Wa			Yes		No	Go	ogle	21/08/23 12:40 PM GMT +05:00		
Overflow Disp		1	Yes		No					
Arrangement						_				
Approach to	OHR		Good	Fair	Bad					
			Kem	iarks / F	Requirem	ents				
No rema	rks		1			1				
Data Collected By: Mr. Jawad		Designation: Team Member			oer	C:	Jawad-			
Data Checked By: Mr. M. Fiaz			Designation: Team Lead				Sign	& Date: 30-May-2023		

Integrated Development and Asset Management Plan (IDAMP) (2023-24, 2024-25, 2025-26) Municipal Committee Muridke

	Sign & Date: 30 May 2023

	Integrated De	velopmer	nt And A	sset Man	agemer	nt Plan (IDAMP)	
	Municipal Service Unit Muridke						
Form: IDAMP-A2	Over Head Reservoir Asset Condition Assessment			ıt	Asset Code: Date: 24-04-2023		
Name		Bhi	utta Col	ony		Pictures	
Lat	itude	3	1.79753	36			
Location	ngitude	7.	4.26249	99			
Address	igituut	Mohalla	Peeran Muridke	Mandi,			
Year of Constr	ruction		t Availa				
Capacity (UK (			100,000				
Cleaning Frequ				,			
Year)	ichey (i ci		0				
Type of Struct	ure	Fr	ame, RO	CC			
Structure Con		Good	Fair	Poor		A STATE OF THE STA	
Tank Condition		Good	Fair	Poor			
Number Sluic		500u	ı un	1 001			
	Returning						
Valves Valve						The second second	
Working Statu		А	bandone	ed		DHEN !	
	Dia						
Rising Main	Material						
Delivery Main	Dia						
-	Material						
Overflow &	Dia				3/04/24/06/00	GPS Map Camera	
Scour Pipe	Material			N		Muridke, Punjab, Pakistan Q7X7+563, Bhutta Colony Muridke, Sheikhupura,	
	Rising Main	Yes		No	200	V Punjab, Pakistan Lat 31.797536°	
Sluice Valve	Delivery Main	Yes		No	Googl	Long 74.262499° 21/06/23 12:55 PM GMT +05:00	
	Scour Pipe Overflow Pipe	Yes Yes		No No			
Stair Case	Over now Pipe	Yes		No			
Apron Around	OHR	Yes		No			
Tank Top Raili		Yes		No			
Top Indication		Yes		No			
Lightening Arr	•	Yes		No			
Boundary Wall		Yes		No			
Overflow Dispo	osal	Yes		No			
Arrangements				_			
Approach to O	HR	Good	Fair	Bad			
		Rem	narks / F	Requireme	ents		
No remark	(S	1					
Data Collected By: Mr. Jawad		Designation: Team Memb		er	Sign & Date: 30-May-2022		
Data Checked By: Mr. M. Fiaz		Designation: Team Lead				Sign & Date: 30-May-2023	

Integrated Development and Asset Management Plan (IDAMP) (2023-24, 2024-25, 2025-26) Municipal Committee Muridke

	Sign & Date: 30 May 2023

# C. Water Supply Network

Sr #	Dia	Length (meter)	Age (Years)	Material	Condition	Book Value (PKR Million)
1	3	130733				2.81
2	4	8307				2.3
3	6	12504	11	UPVC	Fair	5.5
4	8	5311				3.9
6	12	4,245				0.74

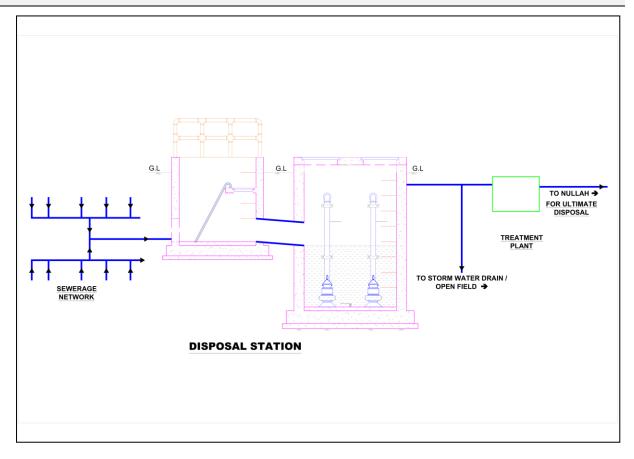
Ir	Integrated Development And Asset Management Plan (IDAMP)								
		Muni	cipal Com	mittee Muri	dke				
Form: IDAMP-A5			y Network ı Assessm						
Desci	Description				Percentage w.r.t MC Boundary	Built- up Area (Acres)	Percentage w.r.t Built- up Area		
Serve	d Area		1667		17.8%		51%		
	ated Area		-	9337	-	3270			
	rtage Area		-	)557	-	3210			
Unserv	ed Area		1603		17.2%		49%		
Latest water qual				Yes			No		
If yes, which lab	•				Not Available				
Findings of water		•			Not Available	<u>,</u>			
In case of any par permissible limit steps are taker drinking water to	of PEQSs, we to provide so the consum	rhich safe sers?	Not Available						
contamination r	ints of water eceived from ımers?		Yes No				No		
If yes, which ste	ps were take complaints?	n to	Not Available						
Pipe Dia (inches)	Pipe Material	Lenç	jth (ft)	Year of Laying		А	Age of Pipe		
3	UPVC		0733		2012		11 Years		
4	UPVC		307		2012		11 Years		
6	UPVC		2504		2012		11 Years		
8	UPVC		311		2012		11 Years		
12	UPVC		90 marks / E	Requirement	2012		11 Years		
No remarks		RE	illai KS / K	requirement:	3				
Data Collected By: Mr. Jawad Design		nation: Member Sign & Date: 30-May-2023							
Data Checked By: I	Mr. M. Fiaz	Design Team		mg	ryfry : 30 May 2023				

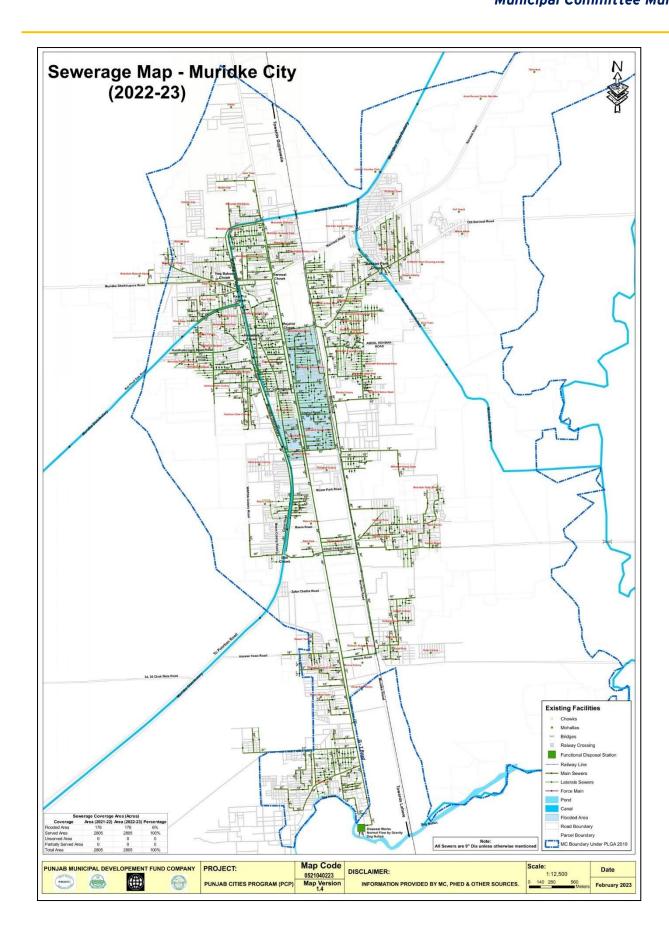
D.	Vehicles	/ehicles/ Machinery											
S r #	r Registratio		Age (Years )	Conditio n	Status	Book Value (PKR Million )	Capacity						
1	Water 1 Bowse SAJ-21 r		9	Good	Function al	0.8	55hp/500gallo ns						

Integrated Development and Asset Management Plan (IDAMP)									
	Municipal Committee Muridke								
Form: IDAMP-A16		As	Moveable Asset Condition As		Asset Code: Date: 24-04-2023				
Type of V	ehicle	/ Macl	ninery		Pictures				
	ter B	owser							
Capacity				500 Galle					
Purpose			Water Supply						
Year of Manufactu	ring		2014						
Model			New Holland 480						
Capital Cost			Not Available						
Fuel Consumption		1182							
(lit/month) Condition		Cood							
		Good							
Engine Capacity  Maintenance Cost				55 hp Not Availa	abla				
Oiling /Fitness				Yes	ible				
Fitness Certificate				No					
Registered									
Registereu			Remarks / R						
No remarks			Actiliates / IC	equirements					
Data Collected By: Mr. Jawad			Designation: Team Member		Sign & Date: 30-May-2023				
Data Checked By: Mr. M. Fiaz			Designation: Te	am Lead	Sign & Date: 30 May 2023				

### 2. Sewerage

## 2.1 KEY COMPONENTS OF SEWERAGE SYSTEM





## A. Sewerage Network

Sr #	Dia		Length (meter)	Age (Years)	Condition	Book Value (PKR Million)	Material
1	9"	' Dia	38030				
2	12	" Dia	2697				
3	15	" Dia	2384				
4	18	" Dia	3735				
5	24	" Dia	503	38	Poor		
6	36	" Dia	877				
7	42	" Dia	661				RCC
8	54	" Dia	4064				
9	60	" Dia	4148				
10	9"	' Dia	45176			32.52	
11	12	" Dia	23121			37.93	
12	15	" Dia	9223			34.48	
13	18	" Dia	3140	13	Good	54.86	
14	21	" Dia	3166	13	000u		
15	24" Dia		1310				
16	27	" Dia	2475				
17	36	" Dia	1519				

Integrated Development and Asset Management Plan (IDAMP)									
	Municipal Service Unit Muridke								
District Government Sheikhupura									
Form:		Sewerage Net			Code:				
IDAMP-A6	As	set Condition As	sessment	Da	ite: 24-04-2023				
Descr	iption	Area (	Acres)	Perce	entage				
Serve	d Area	28	05	8	6%				
Floode	d Area	17	76						
Unserve	ed Area	46	55	1	4%				
Type and	number of								
	eceived to MC		Not A	/ailable					
	erage system?								
	ered by MC to		Not Av	/ailable					
resolve the Pipe Dia	complaints		No. of	Year of					
(inches)	Pipe Material	Length (m)	Manholes	Laying	Age of Pipe				
9" Dia	R.C.C	38030	2496						
12" Dia	R.C.C	2697	88						
15" Dia	R.C.C	2384	52	<u> </u>					
18" Dia	R.C.C	3735	61	1005	20.14				
24" Dia	R.C.C	503	7	1985	38 Years				
36" Dia	R.C.C	877	10						
42" Dia	R.C.C	661	7						
54" Dia	R.C.C	4064	33	-					
60" Dia	R.C.C	4148	34						
9" Dia	R.C.C	45176 2964		<u> </u>					
12" Dia	R.C.C	23121	759	-					
15" Dia	R.C.C	9223	202	  -					
18" Dia	R.C.C	3140	52	2010	13 Years				
21" Dia	R.C.C	3166	42	-					
24" Dia	R.C.C	1310	17	-					
27" Dia 36" Dia	R.C.C R.C.C	2475 1519	27 17	-					
30 Did	R.C.C		equirements						
No remark	<u> </u>	itelliaiks / K	equil ements						
- No Telliark	3								
Data Collected By: Mr. Jawad		Designation: Te	am Member	Jame	ad-				
Data Checked B	By: Mr. M. Fiaz	Designation: Team Lead		Sign & Date: 30-May-2023  ***Suffry  Sign & Date: 30 May 2023					

## B. Disposal Station

	Age	Age (Years)		Book	Discharge						
Sr #	Name	Civil Structure	Pump	Condition	Status	Value (PKR Million)	(R pump	Discharge Each (Cusec)	Motor hp	Pump Make	Motor Make
1	Ravi Ryan Dake Disposal	13	13	Good	Functional	47	5	10(3nos.) 5(2nos.)	100(3nos.) 75(2nos.)	KSB	Siemens

	Integrated	Developmer	nt and .	Asset Manac	gement Plan (IDAMP)
		ridke			
Form: IDAMP-A7		age Disposa Condition As			Asset Code: Date: 24-04-2023
	Asset	Detail			Pictures
Name		Ravi Ryar	n Dispo	sal Station	/// ** ** ** ** ** ** ** ** ** ** ** **
Location	Latitude	3:	1.7471	.38	
Location	Longitude	74	4.2628	397	THE REAL PROPERTY AND ADDRESS OF THE PARTY AND
Address		Main GT R	Road, S	heikhupura	
Area (Acres)			0.5	,	Continue distribution of the continue of the c
Installation Ye	ear		2010		
Capital Cost of		84	Million		
Outfall Drain	Dia		72"		Kala Shah Kaku, Punjab, Pakistan
Sewer	Material		RCC		P7W7+F3H, Main GT Rd, Kala Shah Kaku, Sheikhupura, Punjab, Pakistan Lat 31,747138°
	No. of				Foogle 24/03/23 11:51 AM GMT +05:00
	Screens	2			270525 1101 110 1101
Screening Chamber	Screen Condition	Good	Fair	Poor	
	Chamber	RCC			
	Structure				
	Number		. 2		
	Shape	Rectangu		Circular	
Wet Wells	Size		30′		GPS Map Camers
	Structure	Masonr	У	RCC	Kala Shah Kaku, Punjab, Pakistan P7W7+F3H, Main GT Rd, Kala Shah Kaku, Sheikhupura, Punjab,
	Railing	Yes		No	Pakistan Lat 31.747118°
	No. of force mains		1		Cong 74 262816° 24/03/23 11:52 AM GMT +05:00
	Dia		60"		
F \$4-1-	Material		AC		
Force Main	Starting Point	Pu	ımp Ho	use	
	Ending Point	N	ala Dai	ah	
Length		Nala Daigh 50'			
	Size	50			
Sullage	Shape				OPS Map Camers
Carrier	Length	No St	ullage (	Carrier	Kala Shah Kaku, Punjab, Pakistan P7W7-4514, Main GT Rd, Kala Shah Kaku, Sheikhupura, Punjab,
Carrier	Condition				Pakistan Lat 31,74734° Long 74 262956°
Delivery Pipe				12"	24/03/23 11:50 AM GMT +05:00
Delivery Pipe	סומ	24"		12	

#### Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Muridke Sewerage Disposal Station Form: **Asset Code:** Date: 24-04-2023 **IDAMP-A7 Asset Condition Assessment** Material C.I C.I 24<u>''</u> 12" Dia **Suction Pipe** Material C.I C.I Sluice Valves 10 Non-Return Number of 5 Valves Valves Penstock 2 Valves Ultimate Disposal Nala Daigh Poor **Civil Structure Condition** Good Fair **Control Room Structure** Good Fair Poor Discharge Box Structure Good Fair Poor Good Approach to Pump House Fair Poor Yes **Hoisting Girder** No **Boundary Wall & Gate** Yes No Treatment of Sewage Yes No Wastewater daily discharge in m<sup>3</sup>/day? 57,263 (based on available information at MC) Ultimate disposal of wastewater? Electro-Mechanical Equipment Details Number of WAPDA Feeders 1 Transformer Capacity (kVA) 400 Number of MCU 5 340 Sanctioned Load (kw) Power Factor Improvement Yes No Equipment Service Cable Yes No **Power Wiring** Yes No Earthing of Motor Yes No Earthing of MCU Yes No Generator Availability Yes No Light Wiring of Pump House Yes No Change Over Yes No Pump Detail Pump A Pump B Pump C Pump D Pump E Centrifugal/ Centrifugal/ Centrifugal/ Centrifugal/ Centrifugal/ Pump Type Non-Non-Non-Non-Non-Clogging Clogging Clogging Clogging Clogging Pump Brand KSB KSB KSB KSB KSB Pump Paint Good Good Good Good Good **Motor Brand** Siemens Siemens Siemens Siemens Siemens Installation Year of Pump 2010 2010 2010 2010 2010 **Discharge Capacity** 10 10 10 5 5 (Cusecs) 960 960 Rotational Speed (RPM) 960 960 960 Head (ft.) 30 30 30 30 30

	Integrated I	Develop	ment a	and Ass	et Mar	nage	ement Pla	n (IDAN	ſΡ)		
Municipal Committee Muridke											
Form:	Sewer				A:	sset Co		2022			
IDAMP-A7		onditio						_		: 24-04	
Motor Power		10	0	10	00		100	/	5	7:	5
Pump Daily R (Hours)	lunning Time	-		-			-		-	-	
Base Plate		Yes	No	Yes	No	Ye	s No	Yes	No	Yes	No
	Sluice Valve						10				
Number of Valves Returning 5											
		ı	Remar	ks / Re	quirem	ent	S				
<ul><li>Its opera</li><li>There is</li></ul>	disposal station tional frequency a bypass arrange n nala daigh.	is 5-6 ti	imes a	year, d	uring t	he h	eavy rains	s.		hrough	
Data Collecte Jawad	_	Designation: Team Member			Sign & Date: 30-May-2023						
Data Checked	l By: Mr. M. Fiaz	Designa Lead	ation: `	Геат	Si	gn &	Mayla 2 Date: 30	<b>у</b> Мау 20	)23		

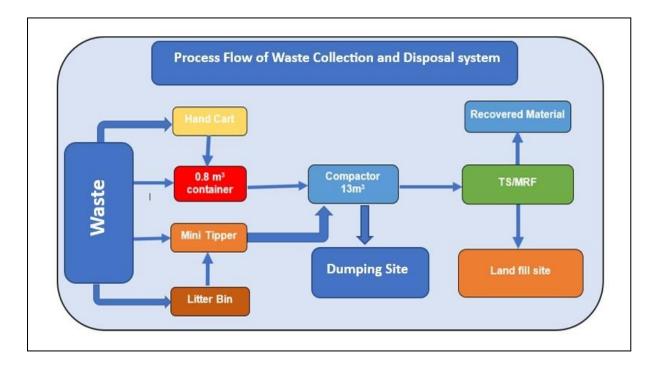
C.	Vehicles/	Machinery					
S r #	Name	Registratio n Number	Age (Years	Conditio n	Status	Book Value (PKR Million)	Capacity
1	Suction Machine	SAG-29	5	Good	Functional	11	130hp,7000Liter s
2	Jetting Machine	SAG-18-30	5	Good	Functional	11	130hp,7000Liter s
3	De Watering Sets (5 Nos)	-	-	Good	Functional		-
4	Shoulder Foggers (4 Nos)	Not Applicable	10	Fair	Functiona I	Not Availabl e	Not Available
5	Spray Pumps (1 Nos)	Not Applicable	10	Fair	Functiona I	Not Availabl e	Not Available
6	Safety Gear (1 Nos)	Not Applicable	10	Fair	Functiona I	Not Availabl e	Not Available
7	Sewer Safety Equipmen t (2 Nos)	Not Applicable	10	Fair	Functiona I	Not Availabl e	Not Available

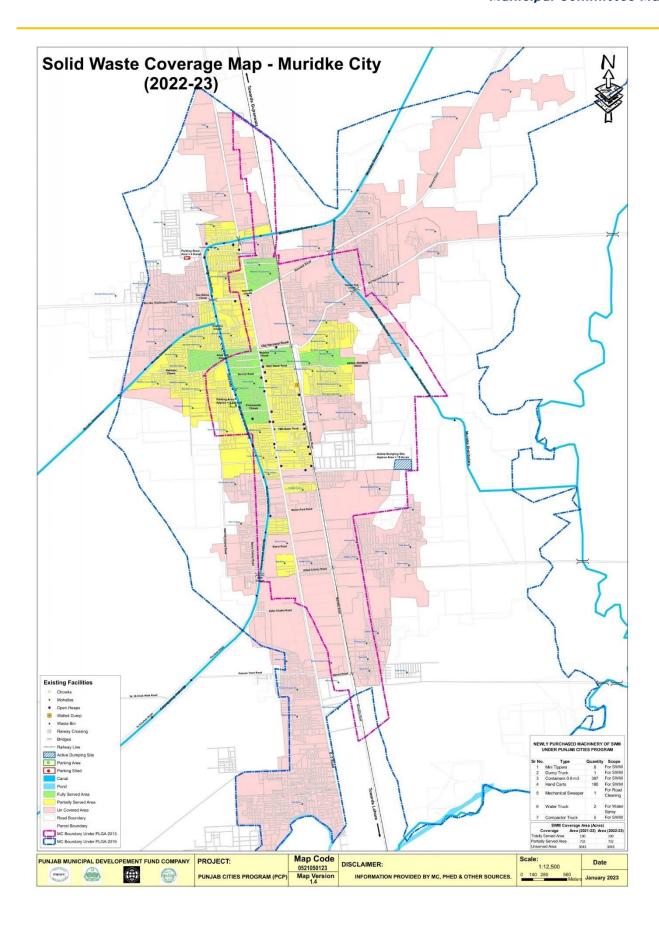
Intoqu	ated Dayslanment and A	ssot Managoment F	Plan (IDAMP)						
Integrated Development and Asset Management Plan (IDAMP)  Municipal Committee Muridke									
Form: IDAMP-A16									
Type of Vehi	le / Machinery		Pictures						
Su	cker		BECO						
Capacity	apacity 7000 Liters								
Purpose	To rer	To remove blockage of sewer pipelines							
Year of Manufacturing		2018							

Model		MPR							
Capital Cost		Not Availa	ible						
Fuel Consumption (lit/month)		16							
Condition	Good								
Engine Capacity		200hp							
Maintenance Cost		Not Availa	ble						
Oiling /Fitness		Yes							
Fitness Certificate		No							
Registered	SAG-29								
		Remarks / Requirements							
No remarks									
Data Collected By: Mr. Ja	awad	Designation: Team Member	Jawad-						
			Sign & Date: 30-May-2023						
Data Checked By: Mr. M.	Fiaz	Designation: Team Lead	Mayby						
			Sign & Date: 30 May 2023						

In	tegra	ted Dev	elopment and A	sset Managemer	nt Plan (IDAMP)			
			Municipal Com	mittee Muridke				
Form:			Moveable A	sset	Asset Code:			
IDAMP-A16		As	sset Condition A	ssessment	Date: 24-04-2023			
Type of \	/ehicle		Pictures					
	ting N	/lachin						
Capacity				7000 Lite				
Purpose			To rer	nove blockage of	sewer pipelines			
Year of Manufactu	ıring			2018				
Model				BECO (MF				
Capital Cost				Not Availa	ible			
Fuel Consumption				13				
(lit/month)								
Condition				Good				
Engine Capacity			200hp					
Maintenance Cost			Not Available					
Oiling /Fitness				Yes				
Fitness Certificate	<del>)</del>			No				
Registered				SAG-18-3	30			
			Remarks / R	equirements				
No remarks								
Data Collected By: Mr. Jawad			Designation: Team Member		Sign & Date: 30-May-2023			
Data Checked By: N	Mr. M.	Fiaz	Designation: Te	eam Lead	Sign & Date: 30 May 2023			
					,			

## 3. Solid Waste Management





Α	. Dumping Site						
Sr #	Name	Age (Years)	Condition	Status	Book Value (PKR Million)	Area (Acres)	Ownership
1	Pind Muridke	1	Fair	Functional	82	16	private

	In	tegrate	ed Develo	opm	nent	And As	set Ma	anageme	nt Plan (IDAMP)				
			N	⁄lun	icip	al Comn	nittee	Muridke					
Form	n:		So	lid \	Was	te Dump	ing Si	te	Asset Code:				
IDAMP-	A11		Asse	et C	ond	ition As	sessm	sessment Date: 24-04					
Name			Pin	id M	1urid	lke		Pictures					
Location	Latitud				3913								
	Longit	ude			5710								
Address			Pin		1urid	lke							
Area (Acre				1	.6								
Distance f	rom urb	an		51	km								
area	:111						-						
Year the s				20	22								
for dumpir Average w							9793						
daily	asie uu	ilipeu											
(based on	informa	tion	No	t Av	/aila	ble							
provided b									A STANDARD BY				
EHS SOPs		te			••	1 1							
handlers			No	t Av	/aila	bie	-4		luridke, Punjab, Pakistan 7Q9+F2J, Muridke, Sheikhupura, Punjab, Pakistan				
Availability	y of PPE	s for						L	at 31.789133°				
waste			Yes			No	3		ong 74.267101° 7/03/23 12:24 PM GMT +05:00				
collectors	/handler	·s				2							
Expected I		ars)			5		69						
Land Owne	ership		Private										
Site Acces	sibility		Poor										
Surface Ty	/pe		Flat		De	presse d		<b>f==</b>					
Approach	Road		Good	F:	air	Poor							
Condition				1 (	J11			13.77 27 <b>%</b>	NEW YORK STREET, STREE				
Parking Sh			Yes			No			<b> </b>				
Boundary	Wall		Yes			No			luridke, Punjab, Pakistan 7Q9+F2J, Muridke, Sheikhupura, Punjab, Pakistan				
Gate			Yes			No		L	at 31.789166°				
Ramps		1	Yes			No	S	AND THE STATE OF T	ong 74.267095° 7/03/23 12:23 PM GMT +05:00				
Any Buildi		te	Yes			No	Kon		THE THE STATE OF T				
Weigh Brid			Yes			No							
	Earth Cover			Yes		No							
Arrangements Compaction Equipment													
Compaction Equipment Plantation Around Site			Yes Yes			No.							
						No							
	Any illegal occupants or encroachments			N	lo								
observed-i				IN	10								
ODSELVEU-I	ι y <del>c</del> S, l )	γpe					J						

## Remarks / Requirements

• Presently MC collects solid wastes and dispose off at plain area dumping site i.e. 16 acres. This is not a proper disposal of solid wastes in respect of environment and utilization of land.MC should be given a landfill site project for the better utilization of available land.

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

Sign & Date: 30 May 2023

### B. Vehicles/ Machinery

Sr #	Name	Registration Number	Quantity	Age (Years)	Condition	Status	Book Value (PKR Million)	Capacity
1	MF385	SAJ-13-14	1	10	Fair		0.3	85 HP
2	FIAT480	Not Registered	1	9	Fair		0.6	55 HP
3	MF260	SAJ-18-14	1	5	Good		1.2	60 HP
4	MF240	SAG-8365		24	Fair		0.1	46 HP
5	MF375	SAJ-18-13	1	5	Good		1.3	75 HP
6	MF385	Not Registered	1	4	Good		1.4	85 HP
7	MF240	SAG-4208	1	26	Fair		0.1	46 HP
8	MF385	SAH-402	1	15	Fair		0.2	85 HP
9	MF240	SAC-9381	1	24	Fair		0.2	46 HP
10	MF385	SAJ-13	1	8	Fair		0.4	85 HP
11	Containers 0.8 m3	N/A	27	-	Good			0.8 Cubic Meter
12	Garbage container 0.8 M3	N/A	397	1	Excellent	Functional	0.06	0.8 M3
13	Garbage Compactor 8 M3	Not Registered	5	1	Excellent	Functional	7.92	8 M3
14	Hand Cart conventional	N/A	180	1	Excellent	Functional	0.00	
15	Dump truck 10 M3	N/A	1	1	Excellent	Functional	10.62	10 M3
16	Mini tippers 1 M3	Not Registered	8	1	Excellent	Functional	0.95	1 M3
17	Wheel Excavator	Not Registered	1	1	Excellent	Functional	29.25	
18	Mobile Workshop	Not Registered	1	1	Excellent	Functional	4.68	

19	Water truck spray	Not	2	1	Excellent	Functional	4.68	
	system	Registered						
20	Aerial platform	N/A	1	1	Excellent	Functional	4.5	2 People
21	Sewer Jetting Machine	Not	1	1	Excollent	Functional	0.00	7000
21	7000 liters	Registered	1	1	LACEHEIIL	unctional	0.00	liters
22	Sewer Suction Machine	Not	1	1	Excellent	Functional	0.00	4500
22	4500 liters	Registered	1	1	Lxcellent	runctional	0.00	liters
23	Truck mounted	Not	1	1	Excollent	Functional	4.68	4 M3
23	Vacuum Sweeper 4 M3	Registered	1	1	LACEIIEIIL	i unctional	4.00	4 1013

Integrate	d Dev	/elopm	ent and	d Asset N	lana	gement Pla	ın (l	DAMP)	
		Muni	cipal C	ommitte	e Mui	ridke			
Form:			Mov	eable As	set			A	sset Code:
IDAMP-A16		Ass	et Cond	dition As	sessr	ment		Date: 24	4-04-2023
Type of Vehic	le / M	achine	ry				P	rictures	
Tractor									
		Trac		Tract		Tractor	-	Tractor	Tractor
Capacity	-	No 85		<b>No.</b> 2 55 H		<b>No.3</b> 60 HP		<b>No.4</b> 46 HP	<b>No.5</b> 75 HP
Purpose		Front		Trolle				Trolley	Trolley
Year of Manufacturing		20		2014	4	2018		1999	2018
Model		MF3	385	FIAT4	80	MF260		MF240	MF375
Capital Cost						595			
Fuel Consumption (lit/mo	nth)		77	913				970	588
Condition		Go		Good				Fair	Good
Engine Capacity		85		55 H				46 HP	75 HP
Maintenance Cost		N Avai		Not Availa		Not Availabl	e	Not Available	Not Available
Oiling /Fitness		Ye		Yes		Yes		Yes	Yes
Fitness Certificate		N	0	No		No		No	No
Registered		SAJ-1	L3-14	No		SAJ-18-1	L4	SAG-8365	SAJ-18- 13
		Re	marks	/ Requir	emer	its			
No remarks									
Data Collected By: Mr. Jaw	Designation: Team Member			Sign & Date: 30-May-2023					
Data Checked By: Mr. M. Fr	Designation: Team Lead			Mayby					
							210	gn & Date: 30	May 2023

Integrated Development and Asset Management Plan (IDAMP)											
		Munic	ipal Com	mitte	e Muridke						
Form:			veable A			Asset Code:					
IDAMP-A16			ndition A	ssess	ment	Date: 24-04-2023					
Type of Vehic	le / Mac	hinery				Pi	ctures				
Tra					D on the Second						
		ctor	Tract		Tractor	•	Tractor	Tractor			
C 11	_	No.6 No.			No.8		No.9	No.10			
Capacity	_	HP	46 H	P 85 HP		46 HP		85 HP Front Blade			
Purpose		Front Blade . Loader			Trolley Trolley		Trolley	Loader			
Year of Manufacturing		19	199		2008		1999	2015			
Model		385	MF24		MF385		MF240	MF385			
Capital Cost		ot Iable	Not Availa		Not Available	Not e Available		Not Available			
Fuel Consumption (lit/month)		50	920		1009		Non- Operational	1602			
Condition	Go	od	Fair		Good		Poor	Good			
Engine Capacity	85	HP	46 H	Р	85 HP		46 HP	85 HP			
Maintenance Cost	N	ot	Not		Not		Not	Not			
Maintenance Cost	Avai	lable	Availa	ble	Available	е	Available	Available			
Oiling /Fitness		es	Yes		Yes		No	Yes			
Fitness Certificate	١	lo	No		No		No	No			
Registered	<u> </u>	lo	SAG-42		SAH-402	2 :	SAC-9381	SAJ-13			
No remarks		Rer	narks / R	equir	ements						
Data Collected By: Mr.	Data Collected By: Mr. Jawad Designation: T					Sign & Date: 30-May-2023					
Data Checked By: Mr. M	. Fiaz	Desigr	nation: Te	Team Lead Mayshy			/ May 2023				

## 4. Building

Α.	Offices

Sr #	Name	Age (Years)	Condition	Status	Book Value (PKR Million)	Area (Acres)
1	MC Office	10	Good	Functional	40	0.4

Integrated Development and Asset Management Plan (IDAMP)								
Municipal Committee Muridke								
Form	:		ilding	Asset Code:				
IDAMP-A	A14	Asset Conditi	ion Ássessmer					
Name	•	MC	Office	Pictures				
Location	Latitude	31.	808554					
Location	Location Longitude		253049					
Address	,		upura Road					
Year of Construction		Ž.	2013					
Land Area	(Acres)		0.4					
No. of Stor	ries		2					
Condition		Good	Fair poor					
Purpose		MC	Affairs					
No. of Staf	ff		150					
No. of Roo			23					
Conference	e/Meeting Room	Yes	No					
Store Room		Yes	No					
Study Roo	m/Book Shelf	Yes	No					
Boundary '	Wall	Yes	No					
Heating &	Cooling	Yes	No					
Arrangeme			NO	CONTRACTOR OF THE PARTY OF THE				
Parking Lo		Yes	No					
Drinking W	ater Facilities	Yes	No					
1	y and quality of							
water		Yes	No					
7	available water							
quality tes								
	Washrooms / Sewerage		No					
System	Markara			GFS Map Carleta				
	Washroom for	Yes	No	Muridke, Punjab, Pakistan				
Ladies	son/room	Voc	No	AH2, Muridke, Sheikhupura, Punjab, Pakistan Lat 31.808554°				
Prayers Ar	rea/room	Yes	No No	Long 74.253049°				
Furniture	nliances (Fare	Yes	No	27/03/23 11:27 AM GMT +05:00				
	opliances (Fans	Yes	No					
Etc.)	& Equipment	Yes	No	-				
			No No					
Sports Clu	ndance System	Yes Yes	No					
	y Alarm System	Yes	No					
	ng System /	1 65	INU					
Equipment		Yes	No					
	wheel chairs at							
entry gate		Yes	No					
chitry gate				1				

Integrated Development and Asset Management Plan (IDAMP)										
Municipal Committee Muridke										
Form:		Build	ing		Asset Code:					
IDAMP-A14	Ass	set Condition	n Assessmen	t	Date: 24-04-2023					
Security Guard		Yes	No							
Park/lawn outdoo plantation	or/indoor	Yes	No							
		Remarks	/ Requireme	ents						
No remarks	No remarks									
Data Collected By	: Mr. Jawad	Designation: Team Member			Sign & Date: 30-May-2023					
Data Checked By:	Mr. M. Fiaz	Designation	: Team Lead		Mayfry Sign & Date: 30 May 2023					

## B. Shops

Sr #	Location	Condition	Total	Area sq_ft	Book Value (PKR Mil)
1	Octroi Post/Chung (Railway Station, Muridke)	Fair	1	136	Not Available

### 5. Public Places

Α.	Slaughterhouse				
Sr #	Name	Age (Years)	Condition	Area (Acres)	Book Value (PKR Million)
1	Slaughterhouse	32	Fair	0.25	1.5

	Integrated Development and Asset Management Plan (IDAMP)										
	Municipal Committee Muridke										
Form:	45		Slaughterhouse				Asset Code:				
IDAMP-A Name	15	As	set Condition Assessment Slaughter House				Date: 24-04-2023 Pictures				
Name	Latitude		31.80957				Pictures				
Location	Longitude			.246		_					
Address	Longitude				uridke						
Year of Co	nstruction		Daois	1991		To gran					
Total Area				0.25							
Ownership				MC	<u> </u>						
Slaughter	Larger Anima	ıls		40-4	 5						
Capacity	Smaller Anim			55-60		CERTIFICATION I	(C) GPS Map Camera				
(Per Day) Supervisor		uis	Yes	JJ 0.	No No		Muridke, Punjab, Pakistan R65W+QCF, Muridke - Sheikhupura Rd, Daoke Muridke, Sheikhupura, Punjab, Pakistan				
Doctor's R			Yes		No	THE PARTY OF THE P	Sheikhipbina, Punjab, Pakistan Lat 31.809516° Long 74.24627°				
Inhabitatio			Yes		No	200gle	27/03/23 11:40 AM GMT +05:00				
Slaughteri	<u>-</u>		Yes		No						
Evisceration			Yes		No	2	TAIL				
Meat Cutti	ng Room		Yes		No	T					
Blood Colle Arrangeme	Blood Collection		Yes N		No						
Skin Stora			Yes <b>No</b>								
Tools Disir	Tools Disinfectant System		Yes		No						
Health and	Hygiene SOPs		Yes		No						
Refrigerat System	ion / Storage		Yes <b>No</b>								
Separate F Animals	acility for Sick		Yes		No						
Water Sup	ply System		Yes		No		5				
Drainage 8	Disposal Facili	ty	Yes		No		Muridke, Punjab, Pakistan				
Solid Wast Facility	e Collection		Yes		No		R65W+QCF, Muridke – Sheikhupura Rd, Daoke Muridke, Sheikhupura, Punjab, Pakistan Lat 31.80957°				
Boundary	Wall & Gate		Yes		No	Google	Long 74.246369° 27/03/23 11:41 AM GMT +05:00				
Approach	Road Condition		Good	Fair	Poor						
Civil Struc	ture Condition		Good	Fair	Poor						
			Ren	narks	/ Requi	rements					
No rer	narks										
Data Collected By: Mr. Jawad		Designation: Team Me		1ember	Sign & Date: 30-May-2023						
Data Checked By: Mr. M. Fiaz			Designation: Team Lead			ead	Wallah				

Sign & Date: 30 May 2023

#### **Bus Stand** В.

Sr #	Name	Age (Years)	Condition	Area (Acres)	Book Value (PKR Million)
1	Bus Stand	6	Fair	1.3	50

	Int	egrated	Developme	nt and Asse	et Management	t Plan (IDAMP)
			Munic	ipal Commi	ttee Muridke	
Form:				Bus Stand		Asset
IDAMP-	A12			ndition Ass	essment	Da
Name			General I	Bus Stand		Pictures
Location +	Latitude		31.80	09670	_	
200411011	Longitu	de	74.25	52653		00 MMP1
Address			Daoke	Muridke	1	
Year of Cor	structio	n	20	)17		4
Last Major	Renovat	ion	Not A	/ailable		
Area (Acres	s)		1	.3		
Ownership			M	1C	502	
Class			A B	C D		W. State
Designed	Buses		Not A	/ailable		ridke, Punjab, Pakistan
Capacity	Coaste	rs	Not A	/ailable	Lat	53+R2V, Daoke Muridke, Sheikh 31.809523°
of Vehicles	Wagon	S	Not A	/ailable		ig 74.252472° 03/23 12:47 PM GMT +05:00
Daily parking of	Buses		20	-25	the larm of	
vehicles (based on	Coaste	rs		-		
informatio n provided	Wagon	S	60	-70		وفر بمن بي البياد
by MC)	Ricksh	aws	10	-15		
Distance fro	om the u	rban	Withi	n City		
C!t	At Entr	у	Yes	No		ıridke, Punjab, Pakistan 3+R4P, Muridke - Sheikhupura Rd, D
Security	At Exit		Yes	No	Pun	jab, Pakistan 31.809832°
0-1-	At Entr	У	Yes	No	Lone	g 74.252716° 03/23 04:06 PM GMT +05:00
Gate	At Exit		Yes	No		
Waiting	Men		Yes	No		
Area	Familie	S	Yes	No		
	Male		Yes	No	过到每	
Washroom	Female	<u> </u>	Yes	No		
Prayer	Male		Yes	No		
Room Female		Yes	No			
Administration Office		Yes	No	RI HERE	ıridke, Punjab, Pakistan	
Parking Rickshaw		Yes <b>No</b>		R75	53+R2V, Daoke Muridke, Sheikh 31.809574°	
Stand Cars		Yes <b>No</b>		Lon	ng 74.252364° 03/23 12:46 PM GMT +05:00	
Fuel Outlet:			Yes	No	300gle 24/	05/28 12:46 PM GMT +05:00
Reception [			Yes	No		
Ticketing S	ystem		Yes	No		



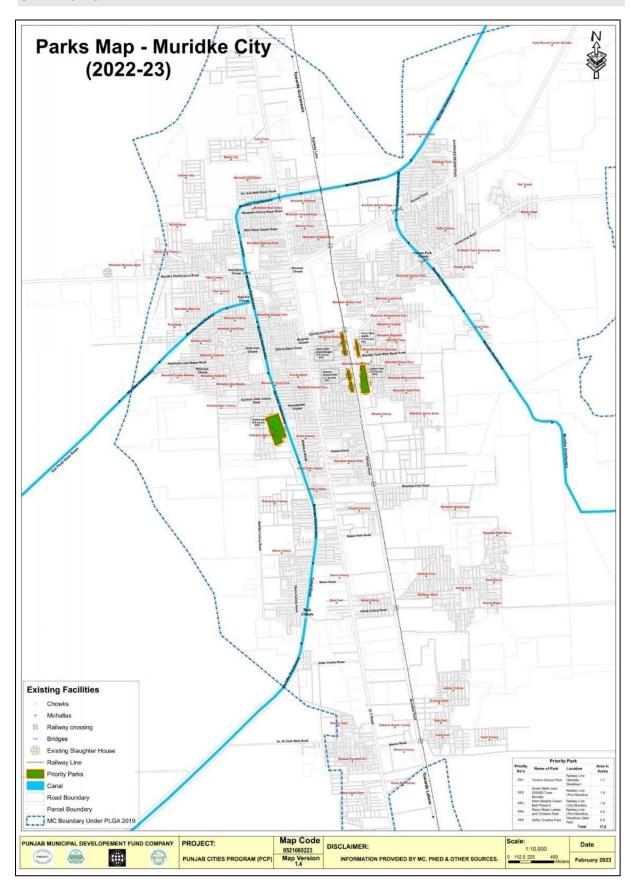
Asset Code:





	Integrated Development and Asset Management Plan (IDAMP)											
	Municipal Committee Muridke											
Form	:			Bus Stand		Asset Code:						
IDAMP-	412		Asset Co	ndition Asse	essment	Date: 24-04-2023						
Tuck Shop			Yes	No								
Workshop			Yes	No								
Ablution Ar	ea		Yes	No								
Pedestrian			Yes	No								
Green Spac	es		Yes	No								
Water Drink Arrangeme	•		Yes	No								
Water Dispo			Yes	No								
Boarding Sh	ned		Yes	No								
Workshops			Yes	No								
Lighting			Yes	No								
Boundary W	/all		Yes	No								
Flooring &	Type		Tuff F	avers								
Pavement	Condition	n (	Good Fa	air Poor								
			Ren	narks / Requ	uirements							
<ul> <li>No rem</li> </ul>	arks											
Data Collect	ed By: Mi	r. Jawad	Design	Designation: Team Member		Jawad-						
						Sign & Date: 30-May-2023						
Data Checked By: Mr. M. Fiaz			Design	ation: Team	Lead	Maypy						
						Sign & Date: 30 May 2023						

### c. Parks



Sr #	Name	Condition	Area	Book Value (PKR Million)
1	Imam Bargah Park	Good	1.5	171.6
2	Techno Park	Poor	1.5	171.6
3	Ladies Children Park	Good	4.75	543.4
4	Boranwala (Pind muridke)	Fair	1	114.4
5	Chatha Park	Good	9	1029.6

	1	ntegrated	d Develop	ment	t an	d Asset M	Management Plan (IDAMP)
			Mu	nicip	al C	ommitte	e Muridke
Form IDAMP-	•		Asset (	Cond	Par itior	k n Assessr	Asset nent Da
Name			lmam	n Bar	gah	Park	Pictures
	Latitu	de	3	1.80	259	6	
Location	Longit	ude	7.	4.25	866	6	
Area In Acr	es			1.	5		
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)				M	С		
Turfing Cor	ndition		Good	Good <b>Fair</b>		Poor	
Approach Road			Good	Fa	ir	Poor	
Parking Lo	ts		Yes			No	Muridke, Punjab, Pakistan
Canteen Av	/ailabili	ity	Yes <b>No</b>			No	R725+X74, Mohalla Sheikhan Muridke Lat 31.802596°
Average nu visitors (based on t of MC staff	he ass	,	Not Available				Long 74.258666° 24/03/23 11:14 AM GMT +05:00
Any illegal encroachm if yes, type	ents of		No	ot Ava	ailat	ole	
Security sy	stem		Yes			No	
	W	atering 8	k Irrigatio				STATE OF THE PARTY
Tube Well					es	No	
Water Supply from Municipa			al System		es	No	Muridke, Punjab, Pakistan R725+X74, Mohalla Sheikhan Muridke
Water Tank				Ye		No	Lat 31.802541° Long 74,258569°
Pumping Unit Distribution Pino Lines				Ye		No No	Google 24/03/23 11:14 AM GMT +05:00
Distribution Pipe Lines Valves					es es	No	
Sprinkler Sv	ıstem				es	No	
Ground wat reservoirs/	er stor	age			es	No	



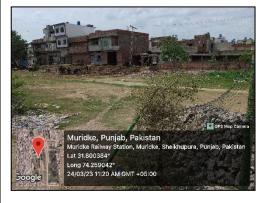
Asset Code: \_



Lar	ndscaping & Planta	ation	
Grass Beds		Yes	No
Flower Beds		Yes	No
Hedges		Yes	No
Plants		Yes	No
Number of trees a	and species		
(based on readily		Not A	vailable
information at MC			
	Lights	1	
Total Number	<b>,</b>		9
Poles		Yes	No
Cables		Yes	No
Brackets And Ligh	nts	Yes	No
Bulbs And Tubes		Yes	No
Control Units		Yes	No
	Structures		
	Gents		-
No. of Toilets	Ladies		-
Condition of	Gents		-
Toilets	Ladies		-
Buildings	1=34.00	Yes	No
Fountains & Wate	r Fall Structure	Yes	No
Walkways	an otractare	Yes	No
Jogging tracks		Yes	No
Ramps at entry ga	ates for wheel		
chairs	ACCO FOI WITCO	Yes	No
Bridges & Culvert	<u> </u>	Yes	No
Play Area	<u>-</u>	Yes	No
Gazebos		Yes	No
Benches/ sitting a	urrangements	Yes	No
Boundary Wall & (		Yes	No
Toilets	Juic	Yes	No
Lakes & Brooks		Yes	No
	echanical Equipmo		110
Pumping Units	cenamear Equipme	Yes	No
		Yes	No
Swings Children Games		Yes	
Fixtures		Yes	No
Benches			No
	itation & Water Su	Yes	No
	itation & water St		No
Litter Bins		Yes	No
Condition of SWM		Goo F	air Pooi
Toilat Fixtures		d '	NIO
Toilet Fixtures		Yes	No No
Sewerage System		Yes	No
Vegetation Cuttin		Yes	No
Drinking water av	andDility and		
	quality		vailable
(based on availability of water			
quality test report	13)	Voc	NIa
Water Pipes	UD	Yes	No
Cocurity Cuanda	HR	Voc	NIa
Security Guards		Yes	No
Landscape Expert		Yes	No
Mali / Beldaar (Nu	imper)	Yes	No

Remarks / Requirements									
No remarks									
Data Collected By: Mr. Jawad	Designation: Team Member	Sign & Date: 30-May-2023							
Data Checked By: Mr. M. Fiaz	Designation: Team Lead	Sign & Date: 30 May 2023							

	1	ntegrate	d Develor	men	t an	d Asset N	Management Pla	n (IDAMP)
		incegnate.					e Muridke	T(IBAMI)
Form	•		Asset	Cond	Par ditior	k n Assessr	ment	Asset Da
Name			Te	echn	o Pa	rk		Pictures
	Latitu	de	3	1.80	0008	0		
Location	Longit	ude	7	4.25	934	3	-	
Area In Aci					.5		-	
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)				M	C		70	
Turfing Co	ndition		Good	d Fair Po		Poor	THE RESERVE OF	
Approach Road			Good	Fá	air	Poor		
Parking Lo	ts		Yes No		remarks.			
Canteen Av	/ailabili	ty	Yes No			, Punjab, Pakistan		
visitors	Average number of daily visitors (based on the assessment			Not Available			Lat 31.800 Long 74.25	
Any illegal encroachm			Not Available			ole		
if yes, type							Na P	
Security sy	stem		Yes			No		
	W	atering 8	k Irrigatio				The second second	
Tube Well	1 6		10 1	_	es	No		- 4
Water Supply from Municipa			al System	_	es	No	GAMES TO SERVE	
Water Tank				-	es	No	Muridke R	, Punjab, Pakistan ailway Station, Muridke, S
Pumping Unit				+	es	No	Lat 31.800 Long 74.25	
Distribution Pipe Lines Valves					es es	No No	Google 24/03/23	11:21 AM GMT +05:00
Sprinkler System			_	es	No	1986		
Ground wat reservoirs/			es	No				
		dscaping	& Planta					
Grass Beds				Y	es	No		



Asset Code:



Flower Beds		Voc	No
		Yes Yes	No No
Hedges		Yes	No
Plants Number of trees and species		162	NO
		Not Av	/ailable
(based on readily available information at MC)		INOL AV	andbic
or mation at Wi	Lights	1	
Total Number	Ligitio		-
Poles		Yes	No
Cables		Yes	No
Brackets And Lig	hts	Yes	No
Bulbs And Tubes		Yes	No
Control Units		Yes	No
	Structures		
Nie of Tailete	Gents	(	0
No. of Toilets	Ladies	(	0
Condition of	Gents		-
Toilets	Ladies		-
Buildings	-	Yes	No
Fountains & Wate	r Fall Structure	Yes	No
Walkways		Yes	No
Jogging tracks		Yes	No
Ramps at entry g	ates for wheel	Vac	Na
chairs		Yes	No
Bridges & Culvert	S	Yes	No
Play Area		Yes	No
Gazebos		Yes	No
Benches/ sitting	arrangements	Yes	No
Boundary Wall &		Yes	No
Toilets		Yes	No
Lakes & Brooks		Yes	No
	lechanical Equipme		
Pumping Units	· ·	Yes	No
Swings		Yes	No
Children Games		Yes	No
Fixtures		Yes	No
Benches		Yes	No
	nitation & Water Su		
Litter Bins		Yes	No
Condition of SWM	1	Yes	No
Toilet Fixtures		Yes	No
Sewerage System	1	Yes	No
Vegetation Cuttir		Yes	No
Drinking water av		1	
quality	,	NI a f A	- احامانه،
(based on availab	ility of water	Not A	/ailable
quality test repor	= -		
Water Pipes		Yes	No
,	HR		
Security Guards		Yes	No
Landscape Exper	ts	Yes	No
Mali / Beldaar (Ni	ımber)	Yes	No
		Remarks	/ Require
No remarks			
No remarks			

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

		ntegrated	d Develop	ment and	d Asset N	lanagement Pla	n (IDAMP)
			Mu	nicipal C	ommitte	e Muridke	
Form			Asset (	Par Condition	k n Assessr	ment	Asset Da
Name				Childrer			Pictures
	Latitu	de	3	1.79928	2		
Location							
A = = = 1 = A = =	Longit	uue	7 -	4.26006	0		60 60
Area In Acı				4.75		- Sandari (1)	
Ownership- or possessi MC by any	ion allo			MC			
departmen (document		ıble)					
Turfing Cor			Good	Fair	Poor		e, Punjab, Pakistan Railway Station, Muridke, S
Approach F			Good	Fair	Poor	Lat 31.79 Long 74.	259971°
Parking Lo			Yes	1 411	No	Google 24/03/23	3 11:26 AM GMT +05:00
Canteen Av		itv		bandone			
Average nu		-	A	Dariuorie	u	-	
visitors	illibel (	or ually				Miles Told	
(based on t	he ass	essment	No	t Availab	ole	William Commence	
of MC staff							A sale
Any illegal	occupa	ints or					
encroachm		served-	No	t Availab	ole	Sand Here	
if yes, type							e, Punjab, Pakistan Railway Station, Muridke, S
Security sy			Yes			Long 74.	
	W	atering 8	k Irrigatio			Joogle	4
Tube Well		Monatain	-1 Ct	Yes	No		
Water Supp Water Tank		Municipa	ai System	Yes	No		4
Pumping U				Yes Yes	No No		
Distribution		ines		Yes	No	Marin alp-1	BATTA L
Valves	тт трс ц			Yes	No	il - ' <del>' ' ' '</del>	
Sprinkler S	vstem			Yes	No		
Ground wat	ter stor	age		Yes	No	Murick	e, Punjab, Pakistan
reservoirs/		daaan!na	0 Diametral			Muridke I Lat 31.79	Railway Station, Muridke, S 19262°
Grass Beds		ascaping	& Plantat	Yes	No	Long 74.2 24/03/23	260066° 8 11:27 AM GMT +05:00
Flower Bed				Yes	No		
Hedges	<u> </u>			Yes	No		
Plants				Yes	No		MA
Number of	trees a	nd specie	S				Value Alle Marie
(based on r				Not A	/ailable		
information	n at MC					and the second	
=		Lig	hts	1 -		-	***
Total Numb	er				.0	Elife Muriel	e, Punjab, Pakistan
Poles				Yes	No		Railway Station, Muridke, Sl
Cables Brackets Ai	nd Liah	tc		Yes Yes	No No	Long 74.1	
Bulbs And		ıs		Yes	No		
Control Uni				Yes	No	1	
201111010111				103	110	]	



Asset Code:







Structures Gents				(	)					
No. of Toilets	Ladies									
Condition of	Gents		Fair							
Toilets	Ladies			Fa	air					
Buildings	1		Yes		No					
Fountains & Water	r Fall Structure	غ -	Yes		No					
Walkways			Yes		No					
Jogging tracks			Yes		No					
Ramps at entry ga	ites for wheel				Nia					
chairs			Yes		No					
Bridges & Culverts	5		Yes		No					
Play Area			Yes		No					
Gazebos			Yes		No					
Benches/ sitting a	rrangements		Yes		No					
Boundary Wall & C	Gate		Yes		No					
Toilets			Yes		No					
Lakes & Brooks			Yes		No					
Me	echanical Equi	ipmer	nt							
Pumping Units			Yes		No					
Swings			Yes		No					
Children Games			Yes		No					
Fixtures			Yes		No					
Benches			Yes		No					
San	itation & Wate	r Sup	ply							
Litter Bins			Yes		No					
Condition of SWM			Goo d	Fá	air poor					
Toilet Fixtures			Yes		No					
Sewerage System			Yes		No					
Vegetation Cuttin	gs & Disposal		Yes		No					
Drinking water ava	ailability and									
quality			Not	Δν	ailable					
(based on availabi	•		NOT	Λ v	anabic					
quality test report	s)									
Water Pipes			Yes		No					
	HR									
Security Guards			Yes		No					
Landscape Expert			Yes		No					
Mali / Beldaar (Nu	mber)		Yes		No .					
Na man		F	Remark	KS	/ Require	ements				
No remarks										
Data Collected By: Mr. Jawad Desi			ignation: Team Membe		mber	Sign & Date: 30-May-2023				
Data Checked By: Mr. M. Fiaz Desi			ignation: Team Lead			ad	Sign & Date: 30 May 2023			
	1					Jigii & Date. JU May 2023				

Asset Code:

			15		,			(15.4.45)
		ntegrate	d Develop	men	t and	d Asset M	lanagement Pla	h (IDAMP)
			Mu	ınici;	oal C	ommittee	e Muridke	
Form	:				Par	·k		Asset
IDAMP-	A10		Asset	Cond	litior	n Assessn	nent	Da
Name			Boranwa	la (F	ind r	muridke)		Pictures
	Latitu	de	3	1.80	229	5		
Location	Longit	ude	7	4.25	970	4		
Area In Aci	_				L			
Ownership:		l by MC						
or possess		•						
MC by any				М	С			
departmen								
(document	s availa	ıble)						
Turfing Co	ndition		Good	Fa	air	Poor		**
Approach F	Road		Good	Fa	ir	Poor	AAMAMA	
Parking Lo			Yes			No		افتتاح
Canteen Av		itv	Yes			No		151 75 AST
			163			INU		, Punjab, Pakistan J, Muridke, Sheikhu
Average nu visitors	illiber (	or ually					Lat 31.80	02278°
(based on t	he ass	essment	No	ot Av	ailab	ole	Google Long 74.	259709° 3 11:34 AM GMT +05
of MC staff							CATALON TOWN	
Any illegal		ints or						The second second
encroachm	ents of	served-	Not Available			ole		
if yes, type	•					dia		
Security sy	/stem		Yes No					
	W	atering 8	& Irrigatio					
Tube Well					es	No		7
Water Supp		n Municipa	al System	_	es	No		
Water Tank					es	No		, Punjab, Pakistan
Pumping Un Distribution		inos			<mark>es</mark> es	No No	R725+XJ Lat 31.80	IJ, Muridke, Sheikhu 12295°
Valves	i Pipe L	illes			es es	No		259704° 3 11:34 AM GMT +05
Sprinkler S	vstem				es	No	报 司任 [ Z [] ]	
Ground wat	•	age						
reservoirs/		,		Y	es	No		
	Lan	dscaping	& Plantat	ion				
Grass Beds					es	No		
Flower Bed	S			-	es	No		The State of
Hedges					es	No		
Plants Number of trees and species		Y	es	No				
(based on r		•	!\$	NI.	ot As	vailable		, Punjab, Pakistan
information				14	OL A	valiable	R725+XJ Lat 31.80	IJ, Muridke, Sheikhu 12306°
- Internation	1 41 1110		hts	I			Google Long 74.	259751° 3 11:34 AM GMT +05
Total Numb	er				(	0	2 100/2	THE CONTROL
Poles				Y	es	No		
Cables				Υ	es	No		
Brackets A		ts			es	No		
Bulbs And					es	No		
Control Uni	ts			Y	es	No		





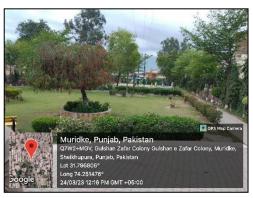


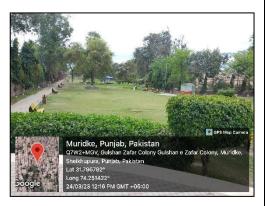
	Structure	<u> </u>				
	<u>.                                    </u>	(	)			
No. of Toilets	Gents Ladies			)		
Condition of	Gents					
Toilets	Ladies			-		
	Laules					
Buildings	r Fall Ctrusture	_	Yes	No		
Fountains & Wate	r Fall Structure	2	Yes	No		
Walkways			Yes	No		
Jogging tracks	atas for whool		Yes	No		
Ramps at entry ga	ates for wheel		Yes	No		
chairs			\/	Nia		
Bridges & Culvert	S		Yes	No		
Play Area			Yes	No		
Gazebos			Yes	No		
Benches/ sitting a			Yes	No		
Boundary Wall & (	ete 915		Yes	No		
Toilets			Yes	No		
Lakes & Brooks			Yes	No		
	echanical Equi	ipment				
Pumping Units			Yes	No		
Swings			Yes	No		
Children Games			Yes	No		
Fixtures			Yes	No		
Benches			Yes	No		
	itation & Wate	er Supp	-			
Litter Bins			Yes	No		
Condition of SWM						
Toilet Fixtures			Yes	No		
Sewerage System	1		Yes	No		
<b>Vegetation Cuttin</b>			Yes	No		
Drinking water av	ailability and					
quality			Not Av	ailable		
(based on availab	ility of water		NOL AV	allable		
quality test report	ts)					
Water Pipes			Yes	No		
	HR					
Security Guards			Yes	No		
Landscape Expert			Yes	No		
Mali / Beldaar (Nu	ımber)		Yes	No		
		Re	marks	/ Require	ements	
<ul> <li>No remarks</li> </ul>						
Data Collected By: Mr. Jawad Des		Desigi	nation:	Team Me	mber	Jawad.
						Sign & Date: 30-May-2023
Data Checked By: Mr. M. Fiaz Desi		Desigi	ignation: Team Lead		ad	Maypy
						Sign & Date: 30 May 2023

Asset Code:

	I	ntegrated	d Develop	ment	and	d Asset N	Management Pla	n (IDAMP)
			Mu	ınicip	al C	ommitte	e Muridke	
Form	••		Asset	Condi	Par itior	k ı Assessı	ment	Asset Da
Name			CI	hatha	Par	·k		Pictures
	Latitu	de	3	1.795	597	8		
Location	Longit	ude	7	4.25	139	6		
Area In Ac			•	9			_	
Ownership		I by MC						
or possess MC by any departmen (document	ion allo other t	cated to		МС	2			پور پارک
Turfing Co	ndition		Good	Fai	ir	Poor	في الم	
Approach I	Road		Good	Fai	ir	Poor	P-183)	
Parking Lo			Yes			No	Service Control	HOE'
Canteen A		itv	Δ	band	one		STOKE GI SATURES STMA	
Average nu		•		barra	OTIC	<u> </u>	Q7W2+MG	, Punjab, Pakistan V, Gulshan Zafar Colony G
visitors	annoci (	or during					Lat 31.796	ra, Punjab, Pakistan 324°
(based on t	the ass	essment	Not Available			le	Google Long 74.25	1502° 2:16 PM GMT +05:00
of MC staff								
Any illegal							- 11 T	
encroachm		oserved-	No	ot Ava	ıılab	le		
if yes, type Security sy			Yes No					
Security 3		latering &	k Irrigatio	n		INO		<b>光</b>
Tube Well	**	attring 6	Killigatio	Ye	۰ς	No	- Internation	
Water Supp	oly from	Municipa	al System			No		
Water Tank	_	,	•	Υe	es	No	A ANTENNA Musicke	, Punjab, Pakistan
Pumping U	nit			Ye	es	No	Q7W2+MG	r, Punjab, Pakistan V, Gulshan Zafar Colony G ra, Punjab, Pakistan
Distribution	n Pipe L	.ines		Ye		No	Lat 31.7968	306°
Valves				Ye		No	300gle 24/03/23 1	2:16 PM GMT +05:00
Sprinkler S				Υe	es .	No	_	
Ground wa		age		Ye	es.	No		
reservoirs/	•	decaning	& Plantat	tion				
Grass Beds		uscaping	& Flailla	Ye	, ,	No		
Flower Bed				Ye		No		- I
Hedges				Ye		No	-	
Plants				Υe		No	A CONTRACTOR OF STREET	
Number of trees and species		S				SALES CONTRACTOR OF THE SALES		
(based on readily available		No	t Av	/ailable	Q7W2+MG	, Punjab, Pakistan V, Gulshan Zafar Colony G		
information	n at MC						Lat 31.796	
_ , , , , ,		Lig	hts	1			Google Long 74.25 24/03/23 1	1422° 2:16 PM GMT +05:00
Total Numb	<u>per</u>					3		
Poles				Ye		No	4	
Cables	nd 1 : ~ t-	+		Ye		No	_	
Brackets A		ıs		Ye		No No	+	
Control Uni				Ye		No	-	
CONTROL OIL	113			16		INU		

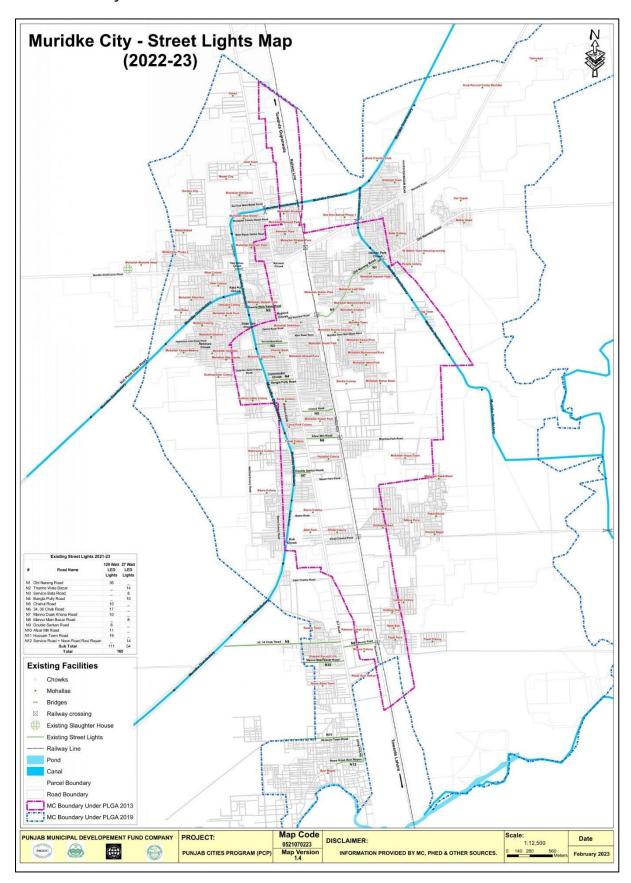






	Structure	c				
	Gents	<u>.                                    </u>	2	<b>)</b>	1	
NO OF LOUISES			2		-	
Condition of	Ladies					
Condition of	Gents		Go			
Toilets	Ladies		Go			
Buildings	F !! C! !		Yes	No		
Fountains & Wate	er Fall Structure	е	Yes	No		
Walkways			Yes	No		
Jogging tracks			Yes	No		
Ramps at entry g	ates for wheel		Yes	No		
chairs						
Bridges & Culvert	S		Yes	No		
Play Area			Yes	No		
Gazebos			Yes	No		
Benches/ sitting a			Yes	No		
Boundary Wall &	Gate		Yes	No		
Toilets			Yes	No		
Lakes & Brooks			Yes	No		
	lechanical Equ	<u>ipment</u>				
Pumping Units			Yes	No		
Swings			Yes	No		
Children Games			Yes	No		
Fixtures			Yes	No		
Benches			Yes	No		
Sar	nitation & Wate	er Supp	oly			
Litter Bins			Yes	No		
Condition of SWM	1		Good			
Toilet Fixtures			Yes	No		
Sewerage System	1		Yes	No		
<b>Vegetation Cuttin</b>	ngs & Disposal		Yes	No		
Drinking water av	ailability and					
quality			Not Av	ailablo		
(based on availab	ility of water		NOL AV	allable		
quality test repor	ts)					
Water Pipes			Yes	No		
	HR					
Security Guards			Yes	No		
Landscape Exper	ts		Yes	No		
Mali / Beldaar (Nu	umber)		Yes	No		
		Re	emarks	/ Require	ements	
<ul> <li>No remarks</li> </ul>		_				
Data Collected By: Mr. Jawad Desi		Desig	nation:	Team Me	ember	Sign & Date: 30-May-2023
Data Checked By: Mr. M. Fiaz Desi		Desig	nation:	Team Le	ad	Sign & Date: 30-May-2023  Sign & Date: 30 May 2023
						Sign & Date. 30 May 2023

## 6. Streetlights



	Streetlights	MC Operated	Privately Operated
Operational Street Lights	141	107	34
Non-Operational Street Lights	53	50	3
Meter Disconnected	68	68	0
Total	262	225	37

Operated by	Precast Concrete	Steel Structure	Tubular Steel	Wall Mounted	Grand Total
MC	46	113	38	2	199
Private		2	24		26

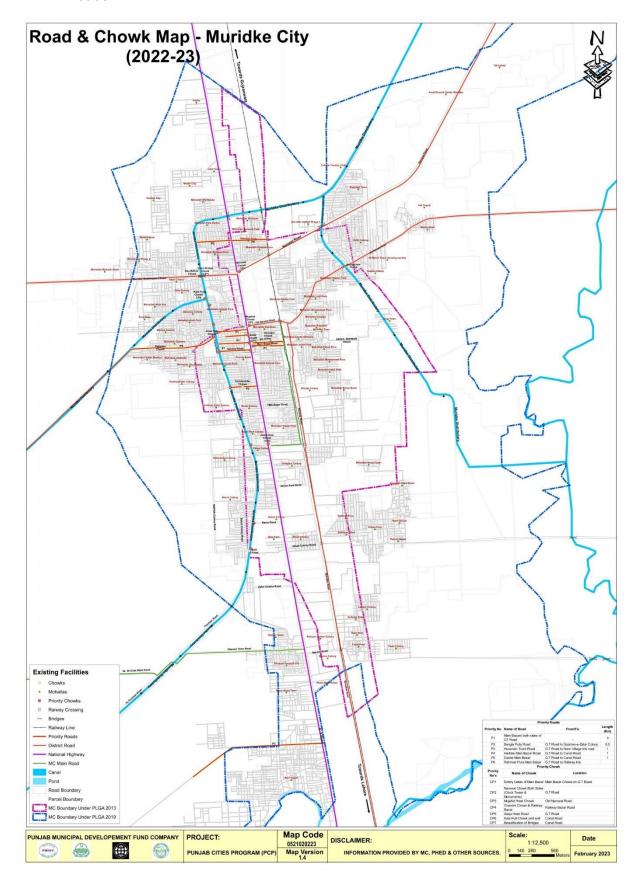
Ir	Integrated Development and Asset Management Plan (IDAMP)							
_	N	Iunicipal Committee Muric	lke					
Form:		Street Lights	Asset Code:					
IDAMP-A9	Asse	t Condition Assessment		Date	: 24-04-2023			
	-	Pictures						
		Type of Luminaries			Poles Type			
Area		Led (27w/120w)	Total	Operational Status	(WAPDA Pole / MC Pole)			
Police Station Bazar I	Muridke	15	15	Not Available	Not Available			
Service Bazar		11	11	Not Available	Not Available			
Bangla Road		11	11	Not Available	Not Available			
Hassain Town		18	18	Not Available	Not Available			
Ravi Rayan		14	14	Not Available	Not Available			
Akhtar Mills Road		10	10	Not Available	Not Available			
Ladies and Children F	ark	32	32	Not Available	Not Available			
Green Park Muridkey	Town	9	9	Not Available	Not Available			

		1	N1 - 4			
Muridkey Town purana narang road.	41	41	Not Available	Not Available		
Lari Ada	12	12	Not Available	Not Available		
Double Road	8	8	Not Available	Not Available		
34-36 Bazar	17	17	Not Available	Not Available		
Manu Main Bazar	8	8	Not Available	Not Available		
Raheem Baksh Colony	10	10	Not Available	Not Available		
Chahal Road	9	9	Not Available	Not Available		
Chatha Park	26	26	Not Available	Not Available		
lmam Bargha Park	11	11	Not Available	Not Available		
	Remarks / Requirements	S				
Out of the 262 lights in the N	MC, only 141 lights were four	nd to be c	perational.			
Data Collected By: Mr. Jawad	Jected By: Mr. Jawad Designation: Team Member  Sign & Date: 30-May-2023					
Data Checked By: Mr. M. Fiaz	Mayfry					

Out of the 262 lights in the MC, only 141 lights were found to be operational. Details are given in the following table:

Operational Street Lights											
Equipment Type	Wattage of Lighting	Quar	ntity	Daily Operational							
	Fixture	МС	Private	Hours							
LED	27	14	-	12.0							
LED	120	93	34	12.0							
Total		141									

#### 7. Roads



Sr #	Road Name	R.O.W (ft)	Existing Type	Length (km)
1	Canal Road (Both sides of canal)	46	Asphalt	5
2	Shahzad town road (Both sides of canal)	44	Asphalt	2
3	Kala Pull to City boundary	40	Asphalt	2
4	Sui Gas Road	25	Asphalt	0.50
5	Main rail bazar	20	TST	0.63
6	Karkana Bazar	20	TST	0.44
7	TMA bazar	15	TST	0.38
8	Chahul Road	20	TST	0.38
9	Bismillah Service station street	15	TST	0.63
10	Masjid Muhajiran road	20	TST	0.50
11	Chakiwala Bazar Daoky	-	Asphalt	0.23
12	Mian Bazar Daoky	-	Asphalt	0.30

		Integrated Development and Ass	ot Manage	mont D	lan (IDAA	4D)							
		Municipal Comm			iali (IDAI	nr)							
F	Form:	Road			As	sset Code	:						
IDA	AMP-A8	Asset Condition Asset				Date: 2	4-04-2023						
		Pictur	es										
			T		T								
C.,			TST, Asphalt	Daw	Paved	Approx.							
Sr. No.		Road Name	Or	Row (Ft)	Width	Length	Condition						
			Concret e Pavers		(Ft)	(Km)							
1	Canal Road	(Both sides of canal)	Asphalt	46		5	Fair						
2	Shahzad tov	vn road (Both sides of canal)	Asphalt	44		2	Fair						
3	Kala Pull to	City boundary	Asphalt	40		2	Fair						
4	Sui Gas Roa	d	Asphalt	25	Not	0.50	Fair						
5	Main rail ba	zar	TST	20	Availabl e	0.63	Poor						
6	Karkana Baz	zar	TST	20		0.44	Poor						
7	TMA bazar		TST	15		0.38	Poor						
8	Chahul Road	1	TST	20		0.38	Poor						

		Integrated De	velopment and Ass			lan (IDAN	MP)				
			Municipal Comm	ittee Muri	dke						
	Form:		Road					Asset Code: Date: 24-04-2023			
וטו	AMP-A8	A:	sset Condition Asse	essment		T	Date: 2	4-04-2023			
9	Bismillah Se	ervice station str	eet	TST	15		0.63	Poor			
10	Masjid Muha	ajiran road		TST	20		0.50	Poor			
11	Chakiwala B	Bazar Daoky		Asphalt	-		0.23	poor			
12	Mian Bazar	Daoky		Asphalt	-		0.30	poor			
	Remarks / Requirements										
• N	lo remarks										
Data C	Collected By	: Mr. Jawad	Designation: Team	Designation: Team Member			Sign & Date: 30-May-2023				
Data (	Checked By:	Mr. M. Fiaz	Designation: Team	Designation: Team Lead			Sign & Date: 30 May 2023				

## 8. Office Vehicles

Sr #	Name	Registration Number	_	Condition	Status	Book Value (PKR Million)	Capacity
1	Car 1	SAG 8393	17	Fair	Functional	0.3	1000 cc
2	Car 2	SAD-1425	31	Poor	Functional	0.15	1000 cc
3	Jeep	SAG-8115	17	Fair	Functional	0.5	1000

Integra	ted Development and As Municipal Comr		DAMP)
_	,		
Form: IDAMP-A16	Moveable As Asset Condition As		Asset Code: Date: 24-04-2023
Type of Vehic	e / Machinery	Pict	ures
Cars & Jeeps			
	Car No.1	Car No.2	Jeep No.1
Capacity	1000 cc	1000 cc	1000 cc
Purpose	Office Use	Office Use	Office Use
Year of Manufacturing	2006	1992	2006
Model	Cultus	Sunny	Potohar
Capital Cost	Not Available	Not Available	Not Available
Fuel Consumption (lit/month)	217	214	152
Condition	Fair	Poor	Fair
Engine Capacity	1000 cc	1000 cc	1000 cc
Maintenance Cost	Not Available	Not Available	Not Available
Oiling /Fitness	Yes	Yes	Yes
Fitness Certificate	No	No	No
Registered	Yes	Yes	Yes
	Remarks / Re	equirements	
No remarks			

Designation: Team Member	Jawad-
	Sign & Date: 30-May-2023
Designation: Team Lead	Sign & Date: 30 May 2023

## 9. Shop

	Integrated Development and Asset Management Plan (IDAMP)														
	Municipal Committee Muridke														
	Form: IDAMP-A17						Asset	Shop Condition As	ssessment			Ass	set Code: Date	: 24-04- 2023	
SR	Shop Code	Property Address	Latitude	Longitu de	Area (Sqft )	No of Stori es	Property Location Status	ion hip ment Litigatio Curren					Tenant Name	Busin ess	
1	0700 1	Railway Station, Muridke	31.80182 084	74.2583 7633	136	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Shahid Malik	Rental Purpo se	
	erage core		1			2			3			4		5	
	sset Idition		Excellent			Good			Fair			Poor		Failing	
Cat	egory		Α			В		С			D		E	Е	
	Data Collected By: Mr. Jawad							Designation: Team Member				Sign & Date: 30-May-2023			
		Data Checked	d By: Mr. M. Fi	az		Designation: Team Lead					Sign & Date: 30 May 2023				

# 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	01-05-01-01-XX
						Water Supply Network (ft)	02	01-05-01-02-XX
				Water Supply	01	OHR	03	01-05-01-03-XX
				System		Filtration Plants	04	01-05-01-04-XX
						Vehicles	05	01-05-01-05-XX
						GST	06	01-05-01-06-XX
						Sewerage Network (ft)	01	01-05-02-01-XX
			05	Sewerage System	02	Disposal Stations	02	01-05-02-02-XX
						Vehicles	03	01-05-02-03-XX
Northern				Solid Waste Management System		Dumping site	01	01-05-03-01-XX
Punjab	01	Muridke			03	Vehicles	02	01-05-03-02-XX
						Parking Shed	03	01-05-03-03-XX
				Dandaand		Roads	01	01-05-04-01-XX
				Roads and Streets	04	Street	02	01-05-04-02-XX
				Streets		Street light	03	01-05-04-03-XX
				Public Places		Parks	01	01-05-05-01-XX
						Playgrounds	02	01-05-05-02-XX
						Open Spaces / Plots	03	01-05-05-03-XX
					05	Bus Stand	04	01-05-05-04-XX
						Library	05	01-05-05-05-XX
						Slaughter Houses	06	01-05-05-06-XX
						Graveyards	07	01-05-05-07-XX

Region Name	Region Code	МС	MC Code	Property Types	Property Type Code	Sub Property Types	Sub Property Type Code	Unique Codes
						Masjid/ Imam bargah	80	01-05-05-08-XX
						Shops	09	01-05-05-09-XX
						Office buildings	01	01-05-06-01-XX
				Others	06	Office vehicles	02	01-05-06-02-XX
						Residential building	03	01-05-06-03-XX

## Annexure C. Project Screening and Phasing

Project Screening and Phasing Criteria:

Project ID:

Project Description:

01-05-01-02-01

Replacement of Water Supply System in Muridke City

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
1. Proj	ect Purpose & Service Delivery Improvement	•					•	
				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 delivery.			10	Significant contribution			
				0	No contribution.			
	Whether the project will contribute to			2.5	Indirect contribution.	Major contribution to		
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	key development goal.	10	
				10	Major contribution to key development goal.			
				0	No consequences			
4.0	Whether the deference/ delay of the project		4.0	2.5	Minor consequences	Major immediate	10	
1.3	is going to affect citizens' health, safety, property, prosperity etc.?		10	7.5	Major future consequences	consequences	10	
	, , , , ,			10	Major immediate consequences			
2. Pub	lic Response					1		
				1	Less than 10%			
2.1	Population served by the project.	45	7.5	5	Between 10% to 20%	Greater than 20%	7.5	
		15		7.5	Greater than 20%			
2.2			5	0	Majority opposition	Majority support	5	

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there support or opposition for the			1	Minority opposition		
	project from NGO's, community groups,			5	Majority support		
	network, media or business organizations?			2.5	Minority support		
				0	Majority opposition		
2.2	Is there support or opposition from		2.5	0.5	Minority opposition	Majority gymport	2.5
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. Env	ironmental Impact						
	The impact of the proposed project on the		10	0	Negative effects on quality of the I ocal environment	Positive effects on the q	
3.1	quality of local environment (e.g. Air quality, Water pollution, Waste reduction,	10		5	Neutral	uality of the local enviro	10
	etc.			10	Positive effects on the quality of the local environment	nment	
4. Soc	io-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	Direct revenue is not sufficient to meet O&M	2.5
				5	Revenue meets O&M costs	costs	
		15		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		
4.2	employment creation, investment generation, increase in land/property		7.5	2.5	Little or no long term economic development benefits	Additional investment in the area and increased	5
	prices, reduction in citizens' expenditures, etc.?			5	Additional investment in the area and increased wealth for citizens	wealth for citizens	

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				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
	required)?	_		0	No		
	Has funding been secured/allocated within			5	Yes		
5.2	the Local Government budget or whether the external sources of funding have been secured?		5	0	No	Yes	5
				1	Difficult	Easy	5
5.3	Will the project get approval from higher levels of Government?		5	2.5	Standard		
	levels of Government:			5	Easy		
		30		1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Standard	3
	o. coooa. aco.g			5	Easy		
				0	Outside expertise needed for const ruction, O&M		
5.5	Is there a capable system in place to implement and operate this project or is		5	1	Outside expertise needed for const ruction phase only	Outside expertise neede d for construction phase	1
5.5	external support needed?		J	3	Outside expertise needed for preparation phase i.e. feasibility studies	only	ı
				5	No outside expertise needed		
Total A	Achieved Score						86.5

Project Screening and Phasing Criteria:

Project ID:

01-05-01-02-02

**Project Description:** 

Improvement & Rehabilitation of water supply system in Muridke City

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Proj	ect Purpose & Service Delivery Improvement						
				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
	or service delivery.			10	Significant contribution		
				0	No contribution.	Major contribution to key development goal.  Major immediate consequences	
	Whether the project will contribute to			2.5	Indirect contribution.	Major contribution to	
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution		10
				10	Major contribution to key development goal.		_
	Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.?		10	0	No consequences		
1.3				2.5	Minor consequences		10
1.3				7.5	Major future 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		Г	0	Majority opposition	Majority support	_
2.2	project from NGO's, community groups, network, media or business organizations?		5	1	Minority opposition		5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				5	Majority support		
				2.5	Minority support		
				0	Majority opposition		
2.3	Is there support or opposition from residents in the immediate vicinity of the		2.5	0.5	Minority opposition	Majority support	2.5
2.3	new facility?		2.5	2.5	Majority support	Majority Support	2.5
				1.5	5 Minority support		
3. Env	ironmental Impact						
	The impact of the proposed project on the			0	Negative effects on quality of the I ocal environment	Positive effects on the g	
3.1	quality of local environment (e.g. Air quality, Water pollution, Waste reduction,	10	10	5	Neutral	uality of the local enviro	10
	etc.			10	Positive effects on the quality of the local environment	nment	
4. Soc	io-Economic Impact						
				0	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 to meet O&M	2.5
				5	Revenue meets O&M costs	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	
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	Positive effects on the quality of the local environment  Direct revenue is not sufficient to meet O&M costs	5
	etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score		
5. Eas	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				
	Line funding been secured/allocated within			5	Yes				
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	0	No	Yes	5		
				1	Difficult	Easy	5		
5.3	Will the project get approval from higher levels of Government?		5	2.5	Standard				
	levels of Government.			5	Easy				
		30		1	Difficult	Standard	3		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard				
	or teermed design.			5	Easy				
				0	Outside expertise needed for const ruction, O&M	Outside expertise neede d for construction phase only			
5.5	Is there a capable system in place to implement and operate this project or is		5	1	Outside expertise needed for const ruction phase only		1		
5.5	external support needed?		5	3	Outside expertise needed for prepa ration phase i.e. feasibility studies		ı		
				5	No outside expertise needed		1		
Total Achieved Score									

Project Screening and Phasing Criteria:

Project ID:

01-05-01-06-01

Project Description:

Construction of Underground Water Storage Tank

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Proj	ect Purpose & Service Delivery Improvement						
				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
	or service delivery.			10	Significant contribution		
				0	No contribution.	key development goal.  Major immediate	10
	Whether the project will contribute to			2.5	Indirect contribution.	Major contribution to	
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution		
				10	Major contribution to key development goal.		
	Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.?		10	0	No consequences		
1.3				2.5	Minor consequences		10
1.3				7.5	Major future 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		_	0	Majority opposition	Majority support	Г
2.2	project from NGO's, community groups, network, media or business organizations?		5	1	Minority opposition		5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				5	Majority support		
				2.5	Minority support		
				0	Majority opposition		
2.3	Is there support or opposition from residents in the immediate vicinity of the		2.5	0.5	Minority opposition	Majority support	2.5
2.3	new facility?		2.5	2.5	Majority support	Positive effects on the quality of the local environment  Direct revenue is not sufficient to meet O&M costs  costs costs conomic	2.5
				1.5	Minority support		
3. Env	ironmental Impact						
	The impact of the proposed project on the			0	Negative effects on quality of the I ocal environment	Positive effects on the g	
3.1	quality of local environment (e.g. Air quality, Water pollution, Waste reduction,	10	10	5	Neutral	uality of the local enviro	10
	etc.			10	Positive effects on the quality of the local environment	nment	
4. Soc	io-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		2.5
				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.			2.5	Little or no long term economic development benefits	Additional investment in	
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	the area and increased wealth for citizens	5
	etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
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	res	10	
	Line funding been secured/allocated within			5	Yes			
5.2	Has funding been secured/allocated 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 higher levels of Government?	30	5	2.5	Standard	Easy	5	
	levels of Government.			5	Easy			
			30	30		1	Difficult	
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Standard	3	
	or teermed design.			5	Easy			
				0	Outside expertise needed for const ruction, O&M			
5.5	Is there a capable system in place to implement and operate this project or is		5	1	Outside expertise needed for const ruction phase only	Outside expertise neede d for construction phase	1	
5.5	external support needed?		5	3	Outside expertise needed for prepa ration phase i.e. feasibility studies	only	ı	
				5	No outside expertise needed			
Total A	Achieved Score						86.5	

Project ID:

**Project Description:** 

01-05-02-01-01

Replacement of lateral sewer between G.T road and Canal road in Muridke City

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Proje	ect Purpose & Service Delivery Improveme	nt				·	
	Describe anxiot fill a sea in a stide			2.5	Minor contribution	Cinniff and	
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	Contribution	
				0	No contribution.		
1.2	Whether the project will contribute to		10	2.5	Indirect contribution.	Major contribution to	10
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	key development goal.	10
				10	Major contribution to key development goal.	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
				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%	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	_	1	Minority opposition	Majority augment	5
۷.۷	network, media or business		5	5	Majority support	Majority support	5
	organizations?			2.5	Minority support		
2.3			2.5	0	Majority opposition	Majority support	2.5
2.3			2.5	0.5	Minority opposition	Majority support	2.5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
	Is there support or opposition from			2.5	Majority support			
	residents in the immediate vicinity of the new facility?			1.5	Minority support			
3. Envir	ronmental Impact							
	The impact of the proposed project on			0	Negative effects on quality of the local environ ment	Positive effects on th		
3.1	the quality of local environment (e.g. Air	10	10	5	Neutral	e quality of the local	10	
	quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local enviro nment	environment		
4. Socio	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	o	
				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.	13		2.5	Little or no long term economic development benefits	Additional investment in the area and increased wealth for citizens		
4.2	employment creation, investment generation, increase in land/property prices, reduction in citizens'		7.5	5	Additional investment in the area and increased wealth for citizens		5	
	expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy	wealth for citizens		
5. Ease	of Implementation							
5.1	Has land been acquired for the project (If		10	10	Yes	Yes	10	
J.1	required)?		10	0	No	163	10	
	Has funding been secured/allocated	30			5 Ye	Yes		
5.2	within the Local Government budget or whether the external sources of funding have been secured?	30	5	0	No	Yes	5	
5.3			5	1	Difficult	Easy	5	

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Will the project get approval from higher			2.5	Standard		
	levels of Government?			5	Easy		
				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, O&M		
	Is there a capable system in place to		_	1	Outside expertise needed for construction phas e only	Outside expertise ne	
5.5	implement and operate this project or is external support needed?		5	3	Outside expertise needed for preparation phase i.e. feasibility studies	eded for constructio n phase only	1
				5	No outside expertise needed		
Total A	chieved Score	•					84

Project ID:

Project Description:

01-05-04-01-01

Improvement & Rehabilitation of Roads Project in Muridke city

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Proje	ect Purpose & Service Delivery	Improve	ment				•
	Does the project fill a gap in			2.5	Minor contribution		
1.1	a wider system of service		10	7.5	Major contribution	Major contribution	7.5
	delivery?			10	Significant contribution		
				0	No contribution.		
1.2	Whether the project will contribute to Sectoral Plan /		10	2.5	Indirect contribution.	Major contribution to	10
1.2	City Master Plan?	30	10	7.5	Minor direct contribution	key development goal.	10
				10	Major contribution to key development goal.		
	Whether the deference/			0	No consequences		
1.3	delay of the project is going to affect citizens' health,		10	2.5	Minor consequences	Major immediate	10
1.5	safety, property, prosperity		10	7.5	Major future consequences	consequences	10
	etc.?			10	Major immediate consequences		
2. Publi	ic Response						
	Demulation conved by the			1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Between 10% to 20%	5
	project.			7.5	Greater than 20%		
	Is there support or			0	Majority opposition		
	opposition for the			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			0	Majority opposition		
2.3	opposition from		2.5	0.5	Minority opposition	Majority support	2.5
	residents in the immediate			2.5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
	vicinity of the new facility?			1.5	Minority support			
3. Envir	onmental Impact							
	The impact of the proposed			0	Negative effects on quality of the local environment	5		
2.1	project on the quality of	10	1.0	5	Neutral	Positive effects on the q	10	
3.1	local environment (e.g., Air quality, Water pollution, Waste reduction, etc.	10	10	10	Positive effects on the quality of the local environmen t	uality of the local enviro nment	10	
4. Socio	o-Economic Impact					1	•	
	,			0	No direct revenue			
	Will the project bring in		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	1, ,		
4.1	direct revenue?		7.5	5	Revenue meets O&M costs	No direct revenue	0	
				7.5	Revenue exceeds O&M costs			
	Are there indirect economic			0	Negative impact on the local economy			
	benefits from this project in the long term, e.g., employment creation, investment generation.	15		2.5	Little or no long-term economic development benefits	1		
4.2				7.5	7.5	5	Additional investment in the area and increased wealth for citizens	Little or no long-term economic development
	increase in land/property prices, reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy	benefits		
5. Ease	of Implementation							
5.1	Has land been acquired for		10	10	Yes	Yes	10	
5.1	the project (If required)?		10	0	No	163	10	
	Has funding been			5	Yes			
5.2	secured/allocated within the Local Government budget or whether the external sources of funding have been secured?	30	5	0	No	Yes	5	
5.3			5	1	Difficult	Standard	2.5	

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Will the project get approval			2.5	Standard		
	from higher levels of Government?			5	Easy		
	Ease of implementation of			1	Difficult		
5.4	project in respect of		5	3	Standard	standard	3
	technical design?			5	Easy		
				0	Outside expertise needed for construction, O&M		
	Is there a capable system in			1	Outside expertise needed for construction phase only	Outside expertise neede	
5.5	place to implement and operate this project or is external support needed?		5	3	Outside expertise needed for preparation phase i.e., f easibility studies	d for construction phase only	1
	external support fielded.			5	No outside expertise needed		
Total A	chieved Score						74

Project ID:

Project Description:

01-05-05-06-01 Rehabilitation of slaughter house

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score
1. Proj	ect Purpose & Service Delivery Imp	rovement					
	Dana Haranai and Cill annua in			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
	which system of service delivery:			10	Significant contribution		
				0	No contribution.		
1.2	Whether the project will contribute to Sectoral Plan / City		10	2.5	Indirect contribution.	Indirect contribution.	2.5
1.2	Master Plan?	30	10	7.5	Minor direct contribution	manect contribution.	2.5
	master i iam.			10	Major contribution to key development goal.		
	Whether the deference/ delay of			0	No consequences		
1.3	the project is going to affect		10	2.5	Minor consequences	Major future consequences	7.5
1.3	citizens' health, safety, property,		10	7.5	Major future consequences		7.5
	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%	Between 10% to 20%	5
				7.5	Greater than 20%		
	Is there support or opposition for			0	Majority opposition		
	the			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			0	Majority opposition		
2.3	from		2.5	0.5	Minority opposition	Majority support	2.5
	residents in the immediate vicinity			2.5	Majority support		

4.1 Will the project bring in direct revenue?  7.5   Costs    Revenue meets 0&M costs    7.5   Revenue exceeds 0&M costs    8.6   Revenue exceeds 0&M costs    9.7   Revenue exceeds 0&M costs    10   Negative impact on the local economy    11   Little or no long-term economic development benefits    12.5   Little or no long-term economic development benefits    13   Additional investment in the area and increased wealth for citizens    14.2   Costs    15   Additional investment in the area and increased wealth for citizens    16   Significant competitive advantage to industry and boost to the local economy    17.5   Significant competitive advantage to industry and boost to the local economy    18   Final Project (If required)?    10   Yes    10   No    10   Yes    10   No    10   Yes    10   No    10   Yes    10   Y	Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score
The impact of the proposed project on the quality of local environment (e.g., Air quality, Water pollution, Waste reduction, etc.  10 Positive effects on the quality of the local environment (e.g., Air quality, Water pollution, Waste reduction, etc.  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on quality of the local environment  10 Positive effects on quality of the local environment  10 Positive effects on quality of the local environment  10 Positive effects on quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the local environment  10 Positive effects on the quality of the					1.5	Minority support		
3.1 Project on the quality of local environment (e.g., Air quality, Water pollution, Waste reduction, etc.  4. Socio-Economic Impact  4.1 Will the project bring in direct revenue?  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.?  5. Ease of Implementation  5. Neutral  0 No direct revenue  2.5 Direct revenue is not sufficient to meet 08M costs  5 Revenue meets 08M costs  0 Negative impact on the local economy benefits  5 Additional investment in the area and increase in land/property prices, reduction in citizens' expenditures, etc.?  5. Ease of Implementation  5.1 Has land been acquired for the project (If required)?  Has funding been secured/allocated within the Local source of the local economy and boost to the local economy benefits  10 No No  15 Neutral  16 Positive effects on the quality of the local environment in the meet of the project (If required)?  17.5 Significant competitive advantage to industry and boost to the local economy  10 Yes  11 Neutral  12 Positive effects on the quality of the local environment in the meet of the project (If required)?  15 Neutral  16 Positive effects on the quality of the local environment in the meet of the project (If required)?  18 Neutral  19 Positive effects on the quality of the local environment in the meet of the project (If required)?  18 Neutral	3. Envir	onmental Impact						
3.1   environment (e.g., Air quality, Water pollution, Waste reduction, etc.   10   10   10   10   Positive effects on the quality of the local environment					0	, ,		
4.1 Will the project bring in direct revenue?  Are there indirect economic benefits from this project in the long term, e.g., employment creation, increase in land/property prices, reduction in citizens' expenditures, etc.?  5. Ease of Implementation  5. Last and been acquired for the project (If required)?  Has funding been secured/allocated within the Local secu			10	10	5	Neutral	Neutral	5
4.1 Will the project bring in direct revenue?  7.5 Direct revenue is not sufficient to meet O&M costs  Revenue meets 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 prices, reduction in citizens' expenditures, etc.?  7.5 Revenue exceeds O&M costs  O Negative impact on the local economy  Little or no long-term economic development benefits  Additional investment in the area and increased wealth for citizens  Significant competitive advantage to industry and boost to the local economy  5. Ease of Implementation  5.1 Has land been acquired for the project (If required)?  Has funding been secured/allocated within the Local  30 No  Yes		· · · · · · · · · · · · · · · · · · ·			10	, ,		
4.1 Will the project bring in direct revenue?  7.5 Direct revenue is not sufficient to meet O&M costs  Revenue meets O&M costs  7.5 Revenue exceeds O&M costs  7.5 Revenue exceeds O&M costs  O Negative impact on the local economy benefits from this project in the long term, e.g., employment creation, increase in 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  7.5 Significant competitive advantage to industry and boost to the local economy  7.5 Yes  10 Negative impact on the local economy  2.5 Little or no long-term economic development benefits  Little or no long-term economic development increased wealth for citizens  Formula is not sufficient to meet of costs  The project revenue is not sufficient to meet of costs  The project reven	4. Socio	o-Economic Impact						
4.1 Will the project bring in direct revenue?  7.5 Costs  Revenue meets 0&M costs  7.5 Revenue exceeds 0&M costs  15 Little or no long-term economic development benefits  16 Little or no long-term economic development benefits  17.5 Additional investment in the area and increased wealth for citizens  18 Significant competitive advantage to industry and boost to the local economy  19 Little or no long-term economic development benefits  2.5 Significant competitive advantage to industry and boost to the local economy  2.5 Significant competitive advantage to industry and boost to the local economy  3.1 Has land been acquired for the project (If required)?  4.2 Project (If required)?  4.30 Pres  4.4 Project bring in direct costs  5 Revenue meets 0&M costs  9 Negative impact on the local economy  2.5 Little or no long-term economic development benefits  10 Pres  9 No  10 No  10 Yes  10 No  10 Yes  10 No  10 Yes  10 No  10 Yes					0	No direct revenue		
Are there indirect economic benefits from this project in the long term, e.g., employment creation, increase in land/property prices, reduction in citizens' expenditures, etc.?  15    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.?    Additional investment in the area and increased wealth for citizens   Additional investment in the area and increased wealth for citizens benefits   Significant competitive advantage to industry and boost to the local economy   Figure 1				7.5	2.5		Direct revenue is not sufficient to meet O&M	2.5
Are there indirect economic benefits from this project in the long term, e.g., employment creation, increase in land/property prices, reduction in citizens' expenditures, etc.?  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.?  5		revenue?	15		5	Revenue meets O&M costs	costs	
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.?  15  2.5  Little or no long-term economic development benefits  Additional investment in the area and increased wealth for citizens  7.5  Significant competitive advantage to industry and boost to the local economy  5. Ease of Implementation  5.1  Has land been acquired for the project (If required)?  Has funding been secured/allocated within the Local 30					7.5	Revenue exceeds O&M costs		
benefits from this project in the long term, e.g., employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy  To significant competitive advantage to industry and boost to the local economy		Are there indirect economic			0	Negative impact on the local economy		
4.2 creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?  5 Additional investment in the area and increased wealth for citizens  7.5 Significant competitive advantage to industry and boost to the local economy  5. Ease of Implementation  5.1 Has land been acquired for the project (If required)?  Has funding been secured/allocated within the Local 30		benefits from this project in the	15		2.5		Little or no long-term	
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 required)?  Has funding been secured/allocated within the Local 30	4.2	creation, investment generation,		7.5	5		economic development	2.5
5.1 Has land been acquired for the project (If required)?  Has funding been secured/allocated within the Local 30					7.5		- I	
5.1 Has failed been acquired for the project (If required)?  Has funding been secured/allocated within the Local 30	5. Ease	of Implementation						
project (If required)?  Has funding been	E 1	Has land been acquired for the		10	10	Yes	Voc	10
secured/allocated within the Local 30	J.1	•		10	0	No	162	10
·					5	Yes		
the external sources of funding have been secured?	5.2	Government budget or whether the external sources of funding	30	5	0	No	Yes	5
5.3 5 1 Difficult Standard		nave been secureu:		5	1		Standard	2.5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score	
	Will the project get approval from			2.5	Standard			
	higher levels of Government?			5	Easy			
				1	Difficult			
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Standard	3	
	in respect of technical design?			5	Easy			
				0	Outside expertise needed for construction, O &M			
5.5	Is there a capable system in place to implement and operate this	nlament and operate this	5	1	Outside expertise needed for construction ph ase only	Outside expertise need ed for construction pha se only	1	
3.3	project or is external support needed?			3	Outside expertise needed for preparation pha se i.e., feasibility studies		_	
				5	No outside expertise needed			
Total Achieved Score								

Project ID:

Project Description:

01-05-05-01-01 Rehabilitation / Improvement of Park

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score
1. Proj	ject Purpose & Service Delivery Impro	vement					
	Base the secretary of the			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?	10	10	7.5	Major contribution	Significant contribution	10
	System of service delivery.			10	Significant contribution		
				0	No contribution.		
1.2	Whether the project will contribute		10	2.5	Indirect contribution.	Major contribution to	10
1.2	to Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	key development goal.	
				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		1.5
	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%	Between 10% to 20%	5
				7.5	Greater than 20%		
	Is there support or opposition for			0	Majority opposition		
2.2	the project from NGO's, community		5	1	Minority opposition	Majority support	5
2.2	groups, network, media, or business	15		5	Majority support		
	organizations?			2.5	Minority support		
	Is there support or opposition from residents in the immediate vicinity of the new facility?			0	Majority opposition		
2.3			2.5	0.5	Minority opposition	Majority support	2.5
2.0				2.5	Majority support		
	·			1.5	Minority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score
3. Env	ironmental Impact						
	The impact of the proposed project			0	Negative effects on quality of the local enviro nment	Positive effects on the q	
3.1	on the quality of local environment (e.g., Air quality, Water pollution,	10	10	5	Neutral	uality of the local enviro	10
	Waste reduction, etc.			10	Positive effects on the quality of the local environment	'	
4. Soc	io-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
	revenue?			5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
	Are there indirect economic	15		0	Negative impact on the local economy		
	benefits from this project in the long term, e.g., employment	15	7.5	2.5	Little or no long-term economic development benefits	Little or no long-term	
4.2	creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?			5	Additional investment in the area and increased wealth for citizens	economic development benefits	2.5
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Eas	e of Implementation						
5.1	Has land been acquired for the		10	10	Yes	Yes	10
5.1	project (If required)?		10	0	No	162	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 levels of Government?			1	Difficult		
5.3			5	2.5	Standard	Standard	2.5
				5	Easy		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieve d Score
				1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Standard	3
	respect of teermical design:			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 ph ase only	Outside expertise neede d for construction phase	1
3.3	or is external support needed?		3	3	Outside expertise needed for preparation pha se i.e., feasibility studies	only	_
				5	No outside expertise needed		
Total A	Achieved Score						74

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

**Project Description :** Solarization of the municipal buildings

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Proj	ject Purpose & Service Deliver	y Improvement		·			
	Does the project fill a gap in a			2.5	Minor contribution		
1.1			10	7.5	Major contribution	Major contribution	7.5
				10	Significant contribution		
				0	No contribution.		
		ute to Sectoral Plan /		2.5	Indirect contribution.	Major contribution to key	
1.2			30	7.5	Minor direct contribution	development goal.	10
	City Master Plan?			10	Major contribution to key development	uevelopment goal.	
				10	goal.		
				0	No consequences		
	Whether the deference/ delay of the project is going to		10	2.5	Minor consequences	Minor consequences	2.5
	affect citizens' health, safety, property, prosperity etc.?		10	7.5	Major future consequences	Minor consequences	2.5
	property, prosperity etc			10	Major immediate consequences		
2. Pub	lic Response				1		
2.1		15	7.5	1	Less than 10%	Less than 10%	1

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Population served by the			5	Between 10% to 20%		
	project.			7.5	Greater than 20%		
	Is there support or opposition for the			0	Majority opposition		
2.2	project from NGO's,		5	1	Minority opposition	Majority support	5
	community groups, network, media or business			5	Majority support	majority support	
	organizations?			2.5	Minority support		
	Is there support or opposition			0	Majority opposition		
	from residents in the immediate		2.5	0.5	Minority opposition	Majority support	2.5
	vicinity of the	2.3		2.5	Majority support	majority support	
	new facility?			1.5	Minority support		
3. Env	rironmental Impact			-			
				0	Negative effects on quality of		
	The impact of the proposed project on the quality of local				the local environment	Positive effects on the quality of	
3.1	environment (e.g. Air quality,	10	10	5	Neutral	the local environment	10
	Water pollution, Waste reduction, etc.			10	Positive effects on the quality of		
				10	the local environment		
4. Soc	io-Economic Impact				1	<u>'</u>	
4.1		15	7.5	0	No direct revenue	Revenue exceeds O&M costs	7.5
							<u> </u>

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				2.5	Direct revenue is not sufficient to		
	Will the project bring in direct			2.5	meet O&M costs		
	revenue?			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.			2.5	Little or no long term economic development benefits	Significant competitive advantage	
4.2	employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?	ment generation, se in land/property		5	Additional investment in the area and increased wealth for citizens	to industry and boost to the local economy	7.5
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Eas	e of Implementation						
5.1	Has land been acquired for		10	10	Yes	Yes	10
312	the project (If required)?			0	No		
	Has funding been			5	Yes		
5.2	secured/allocated within the Local Government budget or whether the external sources of funding have been secured?	30	5	0	No	Yes	5
5.3			5	1	Difficult	Easy	5

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

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

Project Description: Repair & Replacement of Streetlights

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Pro	oject Purpose & Service Deliv	ery Improvemen	it	-1		-	-
	Does the project fill a gap in			2.5	Minor contribution		
1.1	a wider system of service delivery?		10	7.5	Major contribution	Major contribution	7.5
				10	Significant contribution		
				0	No contribution.		
	Whether the project will L.2 contribute to Sectoral Plan /	ute to Sectoral Plan /		2.5	Indirect contribution.		
1.2			30	7.5	Minor direct contribution	Major contribution to key	10
	City Master Plan?			10	Major contribution to key development	development goal.	
					goal.		
	Whether the deference/			0	No consequences		
1.0	delay of the project is going		10	2.5	Minor consequences		2.5
1.3	to affect citizens' health, safety, property, prosperity		10	7.5	Major future consequences	Minor consequences	2.5
	etc.?			10	Major immediate consequences		
2. Pul	l olic Response				1		
2.1		15	7.5	1	Less than 10%	Less than 10%	1

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Population served by the			5	Between 10% to 20%		
	project.			7.5	Greater than 20%		
	Is there support or			0	Majority opposition		
22	opposition for the project from NGO's,		5	1	Minority opposition	Majority support	5
	community groups, network, media or business		-	5	Majority support		
	organizations?			2.5	Minority support		
	Is there support or			0	Majority opposition		
	opposition from		2.5	0.5	Minority opposition	Majority support	2.5
	3 residents in the immediate vicinity of the		2.5	2.5	Majority support		2.5
	new facility?			1.5	Minority support		
3. Env	vironmental Impact			-			<u> </u>
				0	Negative effects on quality of		
	The impact of the proposed project on the quality of				the local environment	Positive effects on the quality of	
3.1	local environment (e.g. Air	10	10	5	Neutral	the local environment	10
	quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of	the local crivil official	
				10	the local environment		
4. Soc	cio-Economic Impact					<b>'</b>	1
4.1		15	7.5	0	No direct revenue	Revenue exceeds O&M costs	7.5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Will the project bring in			2.5	Direct revenue is not sufficient to meet O&M costs		
	direct revenue?			5	Revenue meets O&M costs	_	
				7.5	Revenue exceeds O&M costs	-	
	Are there indirect economic ben			0	Negative impact on the local economy		
	efits from this project in the			2.5	Little or no long term economic development benefits	Significant competitive advantage	
4.2	long term, e.g. employment creation, investment generation, increase in		7.5	5	Additional investment in the area and increased wealth for citizens	to industry and boost to the	7.5
	land/property prices, reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Eas	se of Implementation			l			•
5.1	Has land been acquired for		10	10	Yes	Yes	10
	the project (If required)?		10	0	No		
	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?		5	0	No	Yes	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
5.3	Will the project get approval from higher levels of		5	1 2.5	Difficult Standard	Easy	5
	Government?			5	Easy		
	Ease of implementation of			1	Difficult		
	project in respect of		5	3	Standard	Easy	5
	technical design?			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 or is		5	1	Outside expertise needed for construction phase only	Outside expertise needed for construction phase only Outside expertise needed for	1
	external support needed?	support needed?		3	Outside expertise needed for preparation phase i.e. feasibility studies	construction phase only	
				5	No outside expertise needed		
Total	Achieved Score				1		79.5

Project ID:

Project Description:

01-05-01-01-01

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	:					
	Danakha masisah till a man in a usidan			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.		
	Whether the project will contribute to			2.5	Indirect contribution.	Major contribution to	
1.2	Sectoral Plan / City Master Plan?		10	7.5	Minor direct contribution	key development goal.	10
		30		10	Major contribution to key development goal.	ne, dereiepmem gean	
	Whate and a defended of the		10	0	No consequences	Minor consequences	
	Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.?			2.5	Minor consequences		
1.3				7.5	Major future consequences		2.5
				10	Major immediate consequences		
2. Public	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		
2.2	project from NGO's, community groups,	15	5	1	Minority opposition	Majority support	5
۷.۷	network, media or business		5	5	Majority support	wajority support	5
	organizations?			2.5	Minority support		
2.3	Is there support or opposition from		2.5	0	Majority opposition	Majority support	2.5
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. Enviror	nmental 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. Air quality, Water pollution, Waste	10	10	5	Neutral	uality of the local enviro	10
	reduction, etc.			10	Positive effects on the quali ty of the local environment	nment	
4. Socio-E	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	7.5
		15		5	Revenue meets O&M costs	Significant competitive advantage to industry and boost to the local economy	
				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			2.5	Little or no long term economic development benefits		
4.2	generation, increase in land/property prices, reduction in citizens'		7.5	5	Additional investment in the area and increased wealth for citizens		7.5
	expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease of	f Implementation						
5.1	Has land been acquired for the project		10	10	Yes	Yes	10
J.1	(If required)?	30	10	0	No	res	10
5.2	Has funding been secured/allocated	30	5	5	Yes	Yes	5
5.2	within the Local Government budget or			0	No		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	whether the external sources of funding have been secured?						
	Will the age is about an age of force			1	Difficult		
5.3	Will the project get approval from higher levels of Government?		5	2.5	Standard	Easy	5
	riigher levels of Government:			5	Easy		
	Face of implementation of anning time			1	Difficult		
5.4	Ease of implementation of project in		5	3	Standard	Easy	5
	respect of technical design?			5	Easy		
				0	Outside expertise needed fo r construction, O&M		
	Is there a capable system in place to			1	Outside expertise needed fo r construction phase only	Outside expertise neede	
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	1
				5	No outside expertise neede d		
Total Ach	nieved Score						79.5

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

Project Description : Rehabilitation of Parks

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score		
1. Proje	ect Purpose & Service Delivery Improver	ment							
	B 11 : 1511 : 11			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.				
	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		
	Sectoral Flair / City Master Flair:			10	Major contribution to key development goal.				
	Whether the deference/ delay of the		10	0	No consequences	Minor consequences	2.5		
1.2	project is going to affect citizens' health, safety, property, prosperity			2.5	Minor consequences				
1.3				7.5	Major future consequences	- Millor consequences	2.5		
	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%	Less than 10%	1		
				7.5	Greater than 20%				
	Is there support or opposition for the			0	Majority opposition				
2.2	project from NGO's, community	4.5	_	1	Minority opposition	Maria with a summary to	_		
2.2	groups, network, media or business	15	5	5	Majority support	Majority support	5		
	organizations?			2.5	Minority support				
	Is there support or apposition from			0	Majority opposition		2.5		
2.3	Is there support or opposition from residents in the immediate vicinity of		2.5	0.5	Minority opposition	Majority support			
	residents in the immediate vicinity of			2.5	Majority support				

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	the new facility?			1.5	Minority support		
3. Envi	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	Positive effects on the quality	
3.1	Air quality, Water pollution, Waste	10	10	5	Neutral	of the local environment	10
	reduction, etc.			10	Positive effects on the quality of the loc al environment	of the local chymoninent	
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	Revenue exceeds O&M costs	7.5
	revenue?			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	7.5
	Are there indirect economic benefits from this project in the long term, e.g.	13		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		
	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	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?			U	No		
				1	Difficult	Easy	5
5.3	Will the project get approval from		5	2.5	Standard		
	higher levels of Government?			5	Easy		

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

Project ID:

01-05-04-01-02

Project Description:

"Improvement and Construction of Roads & Chowks in MC Muridke"

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score		
1. Proje	ect Purpose & Service Delivery Improver	nent							
	Does 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 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.	development godi.			
	Whether the deference/ delay of the		10	0	No consequences				
1.3	project is going to affect citizens' health, safety, property, prosperity			2.5	Minor consequences	Major future consequences	7.5		
1.5				7.5	Major future consequences	- Major rature 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				
2.2	project from NGO's, community	4.5	F	1	Minority opposition		_		
2.2	groups, 15 network, media or business	5	5	Majority support	Majority support	5			
	organizations?			2.5	Minority support				
	Is there support or apposition from			0	Majority opposition	Majority support	2.5		
2.3	Is there support or opposition from residents in the immediate vicinity of		2.5	0.5	Minority opposition				
	residents in the immediate vicinity of			2.5	Majority support				

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	the new facility?			1.5	Minority support		
3. Envi	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	Positive effects on the quality	
3.1	Air quality, Water pollution, Waste	10	10	5	Neutral	of the local environment	10
	reduction, etc.			10	Positive effects on the quality of the loc al environment	of the 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	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		7.5
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		10	10	Yes	Yes	10
5.1	(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?			U	No		
			5	1	Difficult		+
5.3	Will the project get approval from				Easy	5	
	higher levels of Government?			5	Easy	1	

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				1	Difficult		5
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Easy	
	respect of technical design:			5	Easy		
			5	0	Outside expertise needed for constructi on, O&M	Outside expertise needed for	1
5.5	Is there a capable system in place to implement and operate this project or			1	Outside expertise needed for constructi on phase only		
0.0	is external support needed?			3	Outside expertise needed for preparatio n phase i.e. feasibility studies	construction phase only	_
				5	No outside expertise needed		
Total A	chieved Score					•	81

Project ID:

01-05-04-01-03

Project Description:

Improvement and Rehabilitation of P2- Canal Road in MC Muridke

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score			
1. Proje	ect Purpose & Service Delivery Improve	ment								
	Does 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 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			
Sectorary fair / City Master Flair:				10	Major contribution to key development goal.	development godi.				
	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			
1.3	health, safety, property, prosperity		10	7.5	Major future consequences					
	etc.?			10	Major immediate consequences					
2. Publ	ic Response									
				1	Less than 10%	Between 10% to 20%				
2.1	Population served by the project.		7.5	5	Between 10% to 20%		5			
				7.5	Greater than 20%					
	Is there support or opposition for the			0	Majority opposition					
2.2	project from NGO's, community	4.5	_	1	Minority opposition		_			
2.2	groups, network, media or business organizations?	15	5	5	Majority support	Majority support	5			
			2.5	2.5	Minority support					
	le there connect or engestion from		2.5	0	Majority opposition	Majority support	2.5			
2.3	Is there support or opposition from residents in the immediate vicinity of			0.5	Minority opposition					
	residents in the immediate vicinity of	residents in the immediate vicinity of			2.5	Majority support				

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	the new facility?			1.5	Minority support		
3. Envi	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	Positive effects on the quality	
3.1	Air quality, Water pollution, Waste	10	10	5	Neutral	of the local environment	10
	reduction, etc.			10	Positive effects on the quality of the loc al environment	of the 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	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.			2.5	Little or no long term economic development benefits		7.5
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		10	10	Yes	Yes	10
5.1	(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?			U	No		
				1	Difficult	Easy	5
5.3	Will the project get approval from higher levels of Government?		5	2.5	Standard		
	Inigher levels of Government:			5	Easy		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				1	Difficult		5
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Easy	
	respect of technical design:			5	Easy		
			5	0	Outside expertise needed for constructi on, O&M	Outside expertise needed for	1
5.5	Is there a capable system in place to implement and operate this project or			1	Outside expertise needed for constructi on phase only		
0.0	is external support needed?			3	Outside expertise needed for preparatio n phase i.e. feasibility studies	construction phase only	_
				5	No outside expertise needed		
Total 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 be applicable to determine the quality of municipal wastewater where wastewater is to be treated.

# 1.4. Other Environment Related Legislations:

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

Sr.	‡ Act	Description		Applicability t	to sub-project
	IEE/EIA Regulations	Impact Assessment, if the project is likely to cause	schedu	le II the EIA of S	Subproject will be carried
	2022	an adverse environmental impact		(	out.
		,	The sec	tor wise screen	ing of MCs subprojects as
					•
			per Pu	ınjab Environm	ent protection review of
			IEE/E	IA regulations 2	2000 are given below in
				T	able.
			Schedule	Sector	Clause
			Schedule	Stormwater	F. Water management,
			1	Drainage	dams, irrigation and
					flood protection
					1. Small Dams and
					reservoirs
					2. Irrigation and
					drainage projects
				Water	G. Water Supply and
				supply	Treatment
					Water supply schemes
					and treatment plants
					with total cost less than
				Davida	Rs. 50 million
				Parks	I.Urban development
					and tourism
					5. Urban development
					projects
				Waste	H. Waste disposal
					Non-hazardous scrap
					yard / warehouse

Sr. #	Act	Description	,	Applicability 1	o sub-project
			Schedule	Water supply, Sewerage System and treatment  Waste Storage and Disposal	F. Water supply, Sewerage System and treatment Water supply schemes and treatment plants (excluding the Reverse Osmosis, Ultra filtration and such like) with total cost more than Rs. 50 million 2. Wastewater channels / Sewerage System Schemes 3. Combined Wastewater Treatment Plants with treatment capacity greater than 100m3/hr G. Waste Storage and Disposal 1. Landfill sites 2. Waste Incinerators and autoclaves 3. Hazardous substance or waste storage warehouse

Sr. #	Act	Description	Applicability to sub-project
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 plants costing upto Rs. 20,000/-</li> </ul>
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	This act is applicable to the gaseous emission that will be released from the vehicles in operation phase

Sr. #	Act	Description	Applicability to sub-project
		MVE inspection system is one of the regulatory	at machinery used during construction phase of this
		measures that can be taken to tackle the ambient	subproject.
		air quality problems associated with the vehicular	
		emissions during operation phase.	
		The Land Acquisition Act, 1894, is a "law for the	
	The Land Acquisition	acquisition of land needed for public purposes and	This act will not be triggered as no land acquisition is
5.	Act, 1894	for companies and for determining the amount of	
	ACI, 1094	compensation to be paid on account of such	required.
		acquisition".	
	The Punjab Land		This act will be triggered as wherever land to be
6.	•	It describes the land acquisition procedure for	acquired for subproject. Such as in Swerage project,
0.	Acquisition Rules,	public purposes or for a company.	Construction of Wastewater treatment plants,
	1983,		installation of new tube wells etc.
		The Punjab Antiquities Amendment Act, 2012 is	
	Pakistan Antiquities	adopted from the Pakistan Antiquities Act of 1975	The law will be applicable to the project due to its
7.	Act 1975 and Punjab	with a few minor changes. The Antiquities Act,	provision that if any accidental archaeological
7.	Antiquities	1975 (amended in 1990) states the following:	discoveries may occur during the excavation works
	Amendment Act 2012	• "Ancient" is any object that is at least 75	for the construction of sub-projects.
		years old;	

Sr. #	Act	Description	Applicability to sub-project
		<ul> <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 authorities; and</li> <li>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.</li> </ul>	
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	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.

Sr. #	Act	Description	Applicability to sub-project
9.	The Punjab Occupational Safety and Health Act, 2019	months, but which shall not be less than seven days, and a mandatory fine between 10,000 and 50,000 rupees.  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 psychological needs of the employees at workplace and to provide for matters connected therewith or ancillary thereto.	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 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	Policy measures shall be applicable whereas there is any risk of usage or generation of hazardous waste.

Sr. #	Act	Description	Applicability to sub-project
		responsibilities related to HWM, and strengthen the	
		management of hazardous & other wastes.	
11	Protection Against Harassment of Women at the Workplace (Amended) Act, 2014	In this act major and minor penalties are mentioned.	This act is applicable for all the employees of MCs,  LG&CDD and women labor (if involved for  infrastructure development activities)
12	Punjab Labor Policy, 2018	Punjab Labor Policy, 2018 presents a policy document which directly addresses the child labor, bonded labor, gender discrimination, gender mainstreaming, labor protection, out of school children and lack of health facilities for the workers etc. Labor Policy of 2018 incorporates the key thematic areas regarding effective implementation of labor standards, social dialogue, improvements in workplace safety, living wages, awareness raising, excellence in labor inspections regime, imparting quality technical trainings through well-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	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
		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:	
		Part I	
		(g) Solid waste collection and disposal;	
		(h) Sewerage collection and disposal including	
	Punjab Local	water management and treatment;	
13	Government Act,	(i) Building control and land use;	All the related clauses of this Act shall be applicable
13	2019	(j) Births, deaths, marriages and divorce	for MCs.
		registration;	
		(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;	

Sr. #	Act	Description	Applicability to sub-project
		(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;	
		(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	

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

Sr. #	Act	Description	Applicability to sub-project
		consultation is appropriate); and facilitation of involvement (including the poor, women, and	
		NGOs).	
16	Guidelines for Regulation of Disclosure of Environmental Information & Citizen Engagement 2020	These guidelines give details about disclosure of environmental information. These guidelines have 2 parts:  First part deals with Public Disclosure instructions regarding arrangement of public disclosure of environment information and maintenance of record in indexed form  Second part is regarding Citizen Engagement, and it gives detailed information regarding citizen engagement and Grievance redress mechanism.	These guidelines will be applicable for public disclosure of environment related information of IEEs/EIAs or any other interventions that may cause any harm to the environment.
17	Canal and Drainage Act 1873 and Amendment Act 2016	The CDA focuses on construction and maintenance of drainage channels and defines powers to prohibit obstruction or order their removal. It also covers issues 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	This act shall be applicable for all the subprojects of MCs where untreated wastewater is being dispose off to the irrigation canals.

Sr. #	Act	Description	Applicability to sub-project
		so as to render it less fit for the purposes for which it is ordinarily used."  In addition, Section 73 of the CDA gives power to arrest without warrant or to be taken before the magistrate a person who has willfully damaged or obstructed the canal or "rendered it less useful."	
18	Punjab Wildlife Protection, Conservation and Management Act, 1974	The Act requires the protection of wildlife species declared as endangered/threatened and rare. It gives protection to these species by declaring their natural living environment as protected and reserved, which includes areas such as national parks, wildlife sanctuaries, and game reserves.	This act shall be applicable in case any harm to wildlife is assessed at the stage of early screening or if there is any potential risk identified to the wildlife during or after execution of the subprojects/projects related to infrastructure development and municipal service delivery.
19	Guidelines and Checklists adopted by GOP after 18th Amendment	Punjab EPA has also designed the following Guidelines/Checklists for IEE/EIA Projects: Check List for IEE (updated September 2020) Check List for EIA (updated September 2020) After 18 <sup>th</sup> Amendment, Punjab EPA has adopted the following sectoral Guidelines that were prepared by other provinces and were earlier adopted by Pak EPA: ✓ Poultry Farms	Checklists for IEE and EIA shall be applicable to all the new infrastructure development projects.  Following Guidelines shall be applicable for MC's municipal service delivery projects:  ✓ Urban Roads ✓ Water Supply ✓ Sanitation Schemes ✓ Major Sewerage Schemes

Sr. #	Act	Description	Applicability to sub-project
		✓ Urban Roads	
		✓ Rural Schools	
		✓ Housing Schemes	
		✓ Petrol & CNG	
		✓ Forest Road	
		✓ Forest Harvesting	
		✓ Water Supply	
		✓ Tourist Facilities	
		✓ Sanitation Schemes	
		✓ Major Chemicals and Manufacturing Plants	
		✓ Flour Mills	
		✓ Carpet Manufacturing	
		✓ Housing Estates and New Town Development	
		✓ Industrial Estate	
		✓ Major Roads	
		✓ Major Sewerage Schemes	
		✓ Stone Crushers	
		✓ Marble Units	
		✓ Oil & Gas Exploration	

## Section 2: Environmental & Social Categorization

## 2.1. Environmental Screening and Categorization of Sub-Projects

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

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
			Waste Manageme	ent		
	Solid Waste	Collection Equipment, Collection Bins	Negligible environmental impacts	E3	\$3	Applicability of PMDFC EHS SOPs for SWM Machinery/Equipment
	Liquid Waste	Sludge ponds	May have some negative but localized environmental and social impacts	E2	<b>S</b> 2	ESMP
1.		Community septic tanks	May have some negative but localized environmental and social impacts	E2	\$2	ESMP
		Vacuum Trucks, Vacuum Handcarts and others	Negligible environmental impacts	E3	\$3	NA
		Construction of Waste May have significant environmental Water Treatment Plants impacts		E1	\$2/\$1	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				
			May have negligible environmental impacts	E3	\$3	NA	
			May have negligible environmental impacts	E2	\$2	ESMP	
		Water Supply distribution network	May have some negative to significant environmental and social impacts depending upon the scope of work	E1 or E2	S1 or S2	ESMP for repair and maintenance of existing network or IEE/EIA for new subprojects as per scope of work and environmental impacts and categorization given in Schedule I and II of PEPA Review of IEE/EIA Regulations 2000	
3.			Storm Water Drain	nage			
	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 subprojects as per scope of work and environmental impacts and categorization given in Schedule I and II of PEPA Review of IEE/EIA Regulations 2000	

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
	Flood control s	systems	May have some negative to significant environmental and social impacts depending upon the scope of work	E1 or E2	<b>S</b> 2	ESMP for repair and maintenance of existing system or IEE/EIA for new subproject as per scope of work and environmental impacts and categorization given in Schedule I and II of PEPA Review of IEE/EIA Regulations 2000
4.			Connectivity			
	Rehabilitation urban roads <sup>4</sup>		May have some negative but localized environmental and social impacts	E2	S2S	ESMP
	Pedestrian wal	kways, Bicycle paths	May have negligible environmental impacts	E2	S2	ESMP
	Streets and seesigns	curity lights, and road	May have negligible environmental impacts	E3	\$3	NA
	Construction of Bus Workshops  May have some negative but localized environmental and social 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

Sr. #	Project Categories	ype of Sub-projects	Nature of	Environmen	tal Issues	Env. Category	Social Category	Instruments Required
	Rehabilitation of		May have negl	igible environi	mental	E2	E2	ESMP
5.	Stands/Terminal	5-	impacts	Social and	Livability Infra	astructure		
	Urban greenery a		May have impacts	negligible	environmental	E2	\$2	ESMP
	Construction of Community Parks <sup>6</sup> May have some negative but localize environmental and social impacts					E2/E1	S2/S1	ESMP/IEE/EIA
	Rehabilitation Community Park		May have impacts	negligible	environmental	E2	S2	ESMP

<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

 $<sup>6 \ \</sup>mathsf{Parks} \ \mathsf{will} \ \mathsf{be} \ \mathsf{constructed} \ \mathsf{on} \ \mathsf{already} \ \mathsf{allocated} \ \mathsf{lands} \ \mathsf{(for} \ \mathsf{community} \ \mathsf{parks)} \ \mathsf{by} \ \mathsf{Local} \ \mathsf{Government}$ 

## Section 3: Budget Allocation

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

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

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

## Section 4: Monitoring & Supervision

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

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

# **Annexure E. Financial Appraisal**

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

Project Description: Construction of Underground Water Storage Tank

Sr. No.		Description	Unit	Value	Remarks
1	Net Present Value (NPV)	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%	Rs.	(307)	
2	Financial Internal Rate of Return (FIRR)	FIRR	%	-1%	
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	0.96	
4	Payback Period	PBP= Capital costs ÷ Annual Net Benefits	Years	6.5	

			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
		Α	В	C=A+B	D	E	F	G=D+E+F	H=G-C	l=(1.22.32)^n	J=HxI
0	2023-2024	100.00		100				-	(100)	1	(100)
1	2024-2025	200.00		200			10.00	10	(190)	0.82	(155)
2	2025-2026	100.00	10.00	110			11.61	12	(98)	0.67	(66)
3	2026-2027		11.61	12			13.48	13	2	0.55	1
4	2027-2028		13.48	13			15.66	16	2	0.45	1
5	2028-2029		15.66	16			18.18	18	3	0.37	1
6	2029-2030		18.18	18			21.11	21	3	0.30	1
7	2030-2031		21.11	21			24.52	25	3	0.24	1
8	2031-2032		24.52	25			28.47	28	4	0.20	1
9	2032-2033		28.47	28			33.06	33	5	0.16	1
10	2033-2034		33.06	33			38.39	38	5	0.13	1
11	2034-2035		38.39	38			44.57	45	6	0.11	1
12	2035-2036		44.57	45			51.76	52	7	0.09	1
13	2036-2037		51.76	52			60.10	60	8	0.07	1
14	2037-2038		60.10	60			69.79	70	10	0.06	1
15	2038-2039		69.79	70			81.04	81	11	0.05	1
16	2039-2040		81.04	81			94.10	94	13	0.04	1
17	2040-2041		94.10	94			109.27	109	15	0.03	0
18	2041-2042		109.27	109			126.89	127	18	0.03	0
19	2042-2043		126.89	127			147.34	147	20	0.02	0
20	2043-2044		147.34	147			171.09	171	24	0.02	0
21	2044-2045		171.09	171			198.67	199	28	0.01	0
22	2045-2046		198.67	199			230.70	231	32	0.01	0
23	2046-2047		230.70	231			267.89	268	37	0.01	0
24	2047-2048		267.89	268			311.07	311	43	0.01	0
Т	otal	400	1,868	2,268	-	-	2,179	2,179	(89)		(307)

#### 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.
- Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.
- 3 Inflation rate is taken for O&M costs @ 16.12%, which is average inflation of last 5 years.

#### Benefits:

- 4 Benefits include the potential saving in the electricity cost.
- 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	23
Sewerage/ RCC Pipelines	25
Vehicles	10
Machinary & Equipment	15

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

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

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.	58	
2	Financial Internal Rate of Return (FIRR)	FIRR	%	27%	
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs		16.57	
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	Net (Cost)/ Benefits	Discount Factor	PV
		Α	В	C=A+B	D	E	F	G=D+E+F	H=G-C	l=(1.22.32)^n	J=HxI
0	2023-2024	100.00	0.50	101				-	(101)	1	(101)
1	2024-2025		0.58	1				-	(1)	0.82	(0)
2	2025-2026		0.67	1				-	(1)	0.67	(0)
3	2026-2027		0.78	1	22.00			22	21	0.55	12
4	2027-2028		0.91	1	25.55			26	25	0.45	11
5	2028-2029		1.06	1	29.66			30	29	0.37	10
6	2029-2030		1.23	1	34.45			34	33	0.30	10
7	2030-2031		1.42	1	40.00			40	39	0.24	9
8	2031-2032		1.65	2	46.45			46	45	0.20	9
9	2032-2033		1.92	2	53.93			54	52	0.16	8
10	2033-2034		2.23	2	62.63			63	60	0.13	8
11	2034-2035		2.59	3	72.72			73	70	0.11	8
12	2035-2036		3.01	3	84.45			84	81	0.09	7
13	2036-2037		3.49	3	98.06			98	95	0.07	7
14	2037-2038		4.05	4	113.87			114	110	0.06	7
15	2038-2039		4.71	5	132.22			132	128	0.05	6
16	2039-2040		5.46	5	153.54			154	148	0.04	6
17	2040-2041		6.34	6	178.29			178	172	0.03	6
18	2041-2042		7.37	7	207.03			207	200	0.03	5
19	2042-2043		8.55	9	240.40			240	232	0.02	5
20	2043-2044		9.93	10	279.15			279	269	0.02	5
21	2044-2045		11.53	12	324.15			324	313	0.01	5
22	2045-2046		13.39	13	376.41			376	363	0.01	4
23	2046-2047		15.55	16	437.08			437	422	0.01	4
24	2047-2048		18.06	18	507.54			508	489	0.01	4
25	2048-2049		20.97	21	589.36			589	568	0.01	4
1	Total	100	148	248	4,109	-	-	4,109	3,861		58

#### 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 electricty cost.
- 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	23
Sewerage/ RCC Pipelines	25
Vehicles	10
Machinary & Equipment	15

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

Project ID: 01-05-01-01

Project Description ; Solarization of Tube wells and Water Supply System

Sr. No.	Description			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	%	27%	
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	16.57	
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	Net (Cost)/ Benefits	Discount Factor	PV
		Α	В	C=A+B	D	E	F	G=D+E+F	H=G-C	I=(1.22.32)^n	J=Hxl
0	2023-2024	150.00	0.75	151				-	(151)	1	(151)
	2024-2025		0.87	1				-	(1)	0.82	(1)
2	2025-2026		1.01	1				-	(1)	0.67	(1)
3	2026-2027		1.17	1	33.00			33	32	0.55	17
4	2027-2028		1.36	1	38.32			38	37	0.45	17
5	2028-2029		1.58	2	44.50			44	43	0.37	16
6	2029-2030		1.84	2	51.67			52	50	0.30	15
7	2030-2031		2.14	2	60.00			60	58	0.24	14
8	2031-2032		2.48	2	69.67			70	67	0.20	13
	2032-2033		2.88	3	80.90			81	78	0.16	13
10	2033-2034		3.34	3	93.94			94	91	0.13	12
11	2034-2035		3.88	4	109.09			109	105	0.11	11
12	2035-2036		4.51	5	126.67			127	122	0.09	11
	2036-2037		5.23	5	147.09			147	142	0.07	10
14	2037-2038		6.08	6	170.80			171	165	0.06	10
15	2038-2039		7.06	7	198.33			198	191	0.05	9
16	2039-2040		8.20	8	230.31			230	222	0.04	9
17	2040-2041		9.52	10	267.43			267	258	0.03	8
18	2041-2042		11.05	11	310.54			311	299	0.03	8
19	2042-2043		12.83	13	360.60			361	348	0.02	8
20	2043-2044		14.90	15	418.73			419	404	0.02	7
21	2044-2045		17.30	17	486.23			486	469	0.01	7
22	2045-2046		20.09	20	564.61			565	545	0.01	6
23	2046-2047		23.33	23	655.62			656	632	0.01	6
24	2047-2048		27.09	27	761.31			761	734	0.01	6
25	2048-2049		31.46	31	884.03			884	853	0.01	6
Т	otal	150	222	372	6,163	-	-	6,163	5,791		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 electricty cost.
- 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	23		
Sewerage/ RCC Pipelines	25		
Vehicles	10		
Machinary & Equipment	15		

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

**Project ID:** 01-05-01-06-02

**Project Description** : Construction of Underground Water Storage Tank

Sr. No.	Description			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	%	27%	
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	16.57	
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		Discount Factor	PV
		Α	В	C=A+B	D	E	F	G=D+E+F	H=G-C	I=(1.22.32)^n	J=Hxl
0	2023-2024	150.00	0.75	151				-	(151)	1	(151)
1	2024-2025		0.87	1				-	(1)	0.82	(1)
2	2025-2026		1.01	1				-	(1)		(1)
3	2026-2027		1.17	1	33.00			33	32	0.55	17
4	2027-2028		1.36	1	38.32			38	37	0.45	17
5	2028-2029		1.58	2	44.50			44	43	0.37	16
6	2029-2030		1.84	2	51.67			52	50	0.30	15
7	2030-2031		2.14	2	60.00			60	58	0.24	14
8	2031-2032		2.48	2	69.67			70	67	0.20	13
9	2032-2033		2.88	3	80.90			81	78	0.16	13
10	2033-2034		3.34	3	93.94			94	91	0.13	12
11	2034-2035		3.88	4	109.09			109	105	0.11	11
12	2035-2036		4.51	5	126.67			127	122	0.09	11
13	2036-2037		5.23	5	147.09			147	142	0.07	10
14	2037-2038		6.08	6	170.80			171	165	0.06	10
15	2038-2039		7.06	7	198.33			198	191	0.05	9
16	2039-2040		8.20	8	230.31			230	222	0.04	9
17	2040-2041		9.52	10	267.43			267	258	0.03	8
18	2041-2042		11.05	11	310.54			311	299	0.03	8
19	2042-2043		12.83	13	360.60			361	348	0.02	8
20	2043-2044		14.90	15	418.73			419	404	0.02	7
21	2044-2045		17.30	17	486.23			486	469	0.01	7
	2045-2046		20.09	20	564.61			565	545	0.01	6
	2046-2047		23.33	23	655.62			656	632	0.01	6
	2047-2048		27.09	27	761.31			761	734	0.01	6
	2048-2049		31.46	31	884.03			884	853	0.01	6
T	otal	150	222	372	6,163	-	-	6,163	5,791		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 electricty cost.
- 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	23		
Sewerage/ RCC Pipelines	25		
Vehicles	10		
Machinary & Equipment	15		

- 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 - Muridke.pdf

City	Date	Consultant Team	MC Team		
	Date	Consultant Team	Designation	Name	
		Mr. Fiaz	MOI	Mr. Hasnian	
	<b>From</b> 24-Mar-23	Mr. Tayyab	PMDFC DPO	Mr. Usman Manzoor	
Muridke	То	Mr. Abdullah	Sub Engineer	2 Present	
	24-Mar-23	Mr. Haroon			
		Mr. Jawad			





## STAKEHOLDER'S CONSULTATIVE SESSION AT MC MURIDKE FOR IDAMP UNDER PUNJAB CITIES PROGRAM

### 1. Introduction

The Punjab Cities Program (PCP), which is being launched in 16 Municipal Committees (MCs) of Punjab. The program's development objective is to strengthen the participating MCs' performance by focusing on urban management and improving municipal services to ensure satisfactory service delivery.

The IDAMP Framework lays out principles, guidelines, and policies for an efficient and transparent asset management and reporting system. This framework is designed to ensure effective planning, careful management, accurate recording, and reliable reporting of all assets throughout their life cycle. The aim is to optimize service delivery to the public.

Overall, the program aims to enhance the quality of life for citizens by improving the management of urban areas and providing better municipal services.

There are two points to consider for the stakeholders' consultative session in DLI-based evaluation. In order to meet the criteria, a meaningful stakeholders' consultative session was held in the Municipal Committee of Muridke City on May 9th, 2023. Local public representatives, social activists, community organizations, journalists, lawyers, and common citizens to record their views and recommendations attended the consultative session. Please note that the grammar in the original text was already correct, but I made a few minor adjustments for clarity and readability. Objectives of consultative session

## 1. Objectives of consultative session

The objectives of this consultative session are as follows;

- To share complete information with the stakeholders about the project, its components and activities, interventions in the project development;
- To ensure participation of stakeholders specially women in the consultation process and hearing of their voices;
- To obtain responses about the issues, needs, priorities of the stakeholders regarding proposed municipal services projects in Muridke city;
- To identify the current level services and gaps in existing and targeted level of municipal services.
- To ensure the co-operation and participation of the stakeholders in the decision making of design and sectoral planning and its implementation process;
- To ensure transparency in all the project activities through sharing the information; and
- Increase public confidence about the proponent, reviewers and decision makers.





## 2. Objectives of IDAMP

The importance of physical assets to delivering service delivery objectives and outcomes;

The quality of existing physical assets in terms of condition and asset performance;

The assets needed to meet or sustain current levels of service, and to address current and future shortfalls

The feasible asset solutions to address identified shortfalls; and

The level of commitment and planned improvements.

## 3. Key Benefits of IDAMP

- Improved service delivery
- Improved financial performance
- Informed asset investment decisions
- Managed risk
- Demonstrated social responsibility
- Improved efficiency and effectiveness
- Enhanced public trust and confidence
- Improved organizational sustainability

## 4. Community Engagement and Stakeholders Consultation

The representatives from different lifestyles were invited to attend this consultative session, and the list of attendees is presented in Table 1. Officials from MC, PMDFC, and NESPAK were present at the venue and recorded all the concerns raised by the public. The attendance sheet of all stakeholders who participated in the consultative session has already been shared with the client (PMDFC).

Table 1: Stakeholders Categories

Sr. No.	Stakeholder Category
1	Chief Officer MC Muridke
2	Municipal Officer Infrastructure –(MO-I)
3	Municipal Officer Finance
4	Teacher
5	Regional Program Coordinator
6	Assistant Engineer LG&CDD
7	IT Officer, PMDFC





8	Local Public Representatives
9	Social Activists
10	Community Organizations
11	Concerned Citizens
12	Advocates
13	Nespak

### 5. Information Disseminated

Following Information was discussed & disclosed to the stakeholders during the consultative session:

- Introduction of the project;
- Description of various project components, its activities and impacts;
- The stakeholder's involvement and their roles and responsibilities;
- Information on perceived benefits from the proposed project;
- Identification of current level services being delivered
- Assessment of gaps in existing services and target services
- Urgency and severity of present problems and issues in each sector
- Concerns and Apprehensions of all stakeholders regarding sectoral planning
- Measures to safeguards the interests of people
- Needs, priorities and reactions of the local public

## 6. Common Concerns Raised by the Participants and Their Response

The detailed minutes of meetings with the stakeholders and the concerns/issues raised by them are given below in **Table 2.** 

## 7. Conclusion

It can be concluded that the "Improvement and Extension of Water Supply System Muridke City" project is of significant public interest. It has been suggested that the city's water supply lines should be gradually replaced, and priority should be given to improving the sewerage system. After the sewerage system, the improvement of street lights and road structure was identified as the next priority. Additionally, stakeholders emphasized the need for an awareness campaign regarding solid waste management, which should be carried out in schools, along with improved service delivery for solid waste management.





# Pictorial view of Consultative Session held with Stakeholders of MC Muridke













## Minutes of Meetings with Stakeholders for their Concerns

Sr. No.	Agency / Department / Stakeholder	Date	Time	Representative	Issues / Needs / Preferences
1	Municipal Committee Muridke	08-05- 2023	11:00 am to 1:00 pm	<b>Mr. Sheharyar</b> (Chief Officer,)	<ul> <li>The Chief Officer, Muridke explained the overall scope of the IDAMP Framework to the participants.</li> <li>Gave a clear understanding and introduction regarding the main features of project.</li> <li>Urgency and severity of present problems and issues in each sector of Muridke City.</li> <li>Sectoral planning of sectors, prioritized till 2050. Insurance of Unit focusing on urban management and improvement of municipal services infrastructure for satisfactory service delivery.</li> <li>The allied facilities and a good infrastructure will be provided to the locals by prioritization of sector</li> </ul>
2	Municipal Committee Muridke	09-05- 2023	11:00 am to 1:00 pm	Mr. Hasnain MO-I (Municipal Officer Infrastructure)	<ul> <li>He explained the overall scope of the project.</li> <li>He requested worthy Chief Officer to identify any government owned land for the construction of the wastewater treatment plant.</li> </ul>

3	MC-Muridke	09-05- 2023	11:00 am to 1:00 pm	<b>Ms Nimra Mukhtar</b> Municipal Officer Finance	<ul> <li>She explained the overall scope of the project.</li> <li>He apprised the stakeholder about the purpose of IDAMP, its scope and Objectives.</li> <li>DPO ID explained the legal Authority, key benefits and Methodology of IDAMP Framework.</li> </ul>
4	PMDFC-Gujranwala	9-05- 2023	11:00 am to 1:00 pm	Mr. Azeem RPC (Regional Program Coordinator	<ul> <li>He emphasized the need for the proportionate grant for income and expenditures for the MC so that it may function efficiently.</li> <li>He briefed the participants about the key benefits and objectives of IDAMP.</li> </ul>
5	House wife	09-05- 2023	11:00 am to 1:00 pm	<b>Ms. Farzana</b> (Social Worker)	<ul> <li>She Appreciated World Bank role for resolving the municipal infrastructure related issues through the contribution of IDAMP.</li> <li>She suggested severe punishment for people disposing Solid waste in open Drains.</li> </ul>
6	Social Worker	09-05- 2023	11:00 am to 1:00 pm	Ms Asma (Ex- Lady councellar)	She addressed that provision of an efficient municipal service delivery is the first priority of Hafizabad city.

# **Muncipal Committee Muridke**

# Consultative Session for IDAMP

**Attendance Sheet** 

Dated: 9.05.2023

Venue: Mc. Muridike

Sr#	Name	Resident Address	Gender	Occupation	Signature
1	Jd De	از در	£	منو الرار	كامعه
2	Time zite	2	5	وسمجير	شنت
3	اللا نايان	100	2	باؤس وانب	Elonga.
4	N65631	- islo, /2L	G	ما و سي وور	ARRCI
5	Masooma Akram	MO-P	F	MOPP	Ï
6	Nimra Mukhtar	MOF	F	Mof	M
7	M. Jawad Iksam.	Acett.	m	Advecade	W 3/ autec
8	(Stippe	N/G	M	Nao.	(Le ibo
q	ANJAD FARIOGE	J-/CMDx	ns		M
10	IFTIKHAR AHMEM	J.C.MA	M	J. C	Mili
U	with the	Col	M	Reporter	Shihile
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13	الحرابي	,	7	WHO CE	6213
	ARCEM-Q. Huss	PMDE	7	RPC-42	0.5
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