

**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 Jhang** 

May 2024







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

### 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 F** for details.

### 4. Identification of Projects

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

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

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

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

### 5. Financial Capacity Analysis

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

### 6. Project Screening & Phasing

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

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

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

### 1.4. Technical Inputs, Assumptions and Limitations

- The initial information of existing assets was obtained from PMDFC and MC Jhang. 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 Jhang. 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 Jhang management for their verification and endorsement.
- Age was the primary factor considered for assessing the condition of the water and sewerage network.
- The capital cost estimates of the assets have been derived from data provided by the concerned MC staff, in addition to leveraging the technical consultant's expertise gained from previous experience with similar projects.
- The determination of the current and target level of service has been formulated through a consultative process involving relevant MC staff, and the analysis of data obtained from energy audit reports and gap analysis reports. For the computation of current level of service, following sources were consulted:
  - Served and built-up areas for different sectors were calculated from the relevant sectors' maps;
  - Total population of MC was taken from the census report of Pakistan Beuro of Statistics (PBS) while applying popupation growth rates for the incremental period;
  - Daily water supplied to the distribution system was calculated on the basis of capacity of tubewell and average daily operational hours of tubewell;
  - o Non revenue water was computed by considering actual revenue collected by MC and total connections in the served area;
  - Total number of pipe leakages of the water distribution network was computed on the basis of number of complaints received by MC. It was assumed that one complaint represented one pipe leakage;
  - Total number of sewerage blockages was computed on the basis of number of complaints received by MC. It was assumed that one complaint represented one sewerage blockage; and
  - The total annual operating expenses for each sector were determined based on the expenditure report provided by the MC staff, which covered nine (9) months' worth of data. To obtain the annual operating expenses, an extrapolation method was used to estimate the remaining three (3) months' expenditures.
- Target level of services were determined considering the findings from condition assessment, findings of energy audit reports, findings from gap analysis reports, consultative sessions with MC management and community.
- PMDFC has actively engaged in community consultative sessions to gather valuable insights into the needs and desires of the local community.
   Furthermore, we have made it a priority to consult with the management and staff of the respective Municipal Committees (MCs) during our field visits. This collaborative approach has allowed us to gain valuable perspectives from those directly involved in the day-to-day operations of the MCs

**Municipal Committee Jhang** 

- and the feedback and insights gathered from these consultative sessions, both with the community and MC stakeholders, have been carefully analyzed and incorporated into the IDAMPs of the respective MCs.
- Projects (repair/ rehabilitation/ new creation) were identified in consultation with the respective Asset Managers keeping in view the service delivery gaps.
- Rrough cost estimates (Capital and Operational & Maintenance) was performed on the basis of Market Rating System (MRS) and Non MRS rates of items.
- Identified projects were evaluated on the basis of project screening and phasing criteria prescribed in the IDAMP Framework.
- The cost and book values of the MC assets have been claculated by PMDFC staff.

# Overview – Municipal Committee Jhang

### Section 2. Overview - Municipal Committee Jhang

#### Introduction 2.1.

The city of Jhang is situated at 72°-20' East and 31°-16' north at a distance of 92 km from Faisalabad, and 252 km from Lahore. It is the 15th largest city of Pakistan by population. Jhang city is situated on the left bank of the river Chenab at a distance of about 11 Kilometers from its bed. The city is subdivided into 14 Union Councils.

Municipal Committee Jhang facilitates its citizen towards sustainable economic growth, infrastructure development, social development and municipal services excellence. MC Jhang 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 Jhang plans to establish orderly development, well maintained infrastructure and efficient delivery of social services to its people.1

#### 2.2. **Functions of Municipal Committee Jhang**

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

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

<sup>1</sup> https://mcjhang.lgpunjab.org.pk/

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

**Table 1: Asset Summary** 

Sr No.	Asset Category	Asset Sub-Category	Unit	Total
	Tube wells	No.	4	
		Water Supply Network	Meter	3520
1	Water Supply System	OHR	No.	3
		Filtration Plants	No.	13
		Movable Assets (Vehicles/Machinery)	No.	2
		Sewerage Network	Meter	124337
2	Sewerage System	Disposal Stations	No.	13
		Movable Assets (Vehicles/Machinery)	No.	86
3	Recreational	Park	No.	8
4	SMAA December	Dumping Site	No.	2
4	SWM Resource	Movable Assets (Vehicles/Machinery)	No.	645
5	Bus Stands	Bus Stand	No.	1
		Offices	No.	2
6	Buildings	Residential Building	No.	16
		Shops	No.	314
7	Public Places	Slaughter Houses	No.	3

Sr No.	Asset Category	Asset Sub-Category	Unit	Total
		Others	No.	0
8	Land	Open Plot	No.	50
9	Street Lights	Street Lights	No.	6072
10	Roads	Roads	Km	56.45
11	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 Condition						
Asset Category	Asset Sub-Category	Excellent (A)	Good (B)	Fair (C)	Poor (D)	Failing (E)	Unit	Total
	Tube wells			3		1	No.	4
	Water Supply Network					3520	Meter	3520
Water Supply System	OHR			2		1	No.	3
	Filtration Plants			1	7	5	No.	13
	Movable Assets (Vehicles/Machinery)		2				No.	2
	Sewerage Network	27815	52341	44181			Meter	124337
Sewerage System	Disposal Stations		2	6	3	2	No.	13
<i>G</i> ,	Movable Assets (Vehicles/Machinery)		51	35			No.	86
Recreational	Park	1	7				No.	8
SWM Resource	Dumping Site				2		No.	2

			Asse	t Conditio	n			
Asset Category	Asset Sub-Category	Excellent (A)	Good (B)	Fair (C)	Poor (D)	Failing (E)	Unit	Total
	Movable Assets (Vehicles/Machinery)	454	173	13	5		No.	645
Bus Stands	Bus Stand			1			No.	1
	Offices		2				No.	2
Buildings	Residential Building			16			No.	16
	Shops		314				No.	314
Dublic Diseas	Slaughter Houses				3		No.	3
Public Places	Others						No.	0
Land	Open Plot		50				No.	50
Street Lights	Street Lights	2896				3176	No.	6072
Roads	Roads		6.75		49.7		Km	56.45
Office Vehicles	Office Vehicles			2		1	No.	3

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 Jhang are provided here under:

**Table 3: Current & Target LOS** 

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Projects Name	Timeframe (FY)
	Water Supply Coverage %	Percentage of area, where water supply network is available in comparison to total built up area.	11%	11%		
Water supply and	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.	0.8	0.8		
control and development of water sources;	Non-revenue water %	Difference between total water produced (ex - treatment plant) and total water sold expressed as a percentage of total water produced.	100%	100%		
	Pipe breaks (Leakages/Breaks /Km)	Total number of pipe leakages/breaks per year expressed per km of the water distribution network.	N/A	N/A		
	Unit operational cost - water produced (gross production cost) (PKR)	Total annual operating expenses divided by the total annual water of water produced.	0.08	0.06	Solarization of Tube wells and	2023-2024

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Projects Name	Timeframe (FY)
					Water Supply System	
	Water supply staff per 1000 water connections (Number)	Total number of water supply staff expressed as per thousand water connections.	26	26		
	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.	72%	72%		
	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.	17%	14%	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	Compliance with NEQ standards i.e., potable water	Rehabilitation of filtration Plant	2023-24
	Continuity of Service Hrs. / Day	Average hours of service per day for water supply. (Average operational hours of tube well per day)	6	6		
	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	Reduced during to improved water quality	Rehabilitation of filtration Plant	2023-24
Sewage and sewage treatment and disposal;	Sewerage Coverage %	Population with sewerage services (direct service connection) as a percentage of the total population. (Total served area as a percentage of the total built up area)	51%	70%	Improvement of Sewerage System in Jhang City and Construction of Wastewater Treatment Plant (WWTP)	2023-2026

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Projects Name	Timeframe (FY)
	Risk of crown failure	Whether there is an indication of crown failure?	Yes	Reduced to NIL	Rehabilitation and improvement of sewerage system in Jhang city	2023-2025
	Sewerage blockages (Blockages/KM)	Total number of blockages/ complaints per year expressed per km of sewers	31	10		
	Sewerage staff per 1000 sewerage connections (Number)	Total number of sewerage staff expressed as per thousand sewerage connections	0.79	0.79		
	Wastewater Treatment – Primary (%)	Proportion of collected sewage that receives primary treatment only, i.e., involving settlement with the intention of removing solids, but not biological treatment. Both lagoon and mechanical treatment can be included, where appropriate.	0%	40%	1. Improvement of Sewerage System in Jhang City and Construction of Wastewater Treatment Plant (WWTP)	2022 2026
	Wastewater Treatment – Secondary (%)	Proportion of collected sewage that receives at least secondary treatment, i.e., removing oxygen demand as well as solids, normally biological. Both lagoon and mechanical treatment can be included, where appropriate.	0%	40%		2023-2026
	Sewerage Complaints (%)	Total number of sewerage complaints per year expressed as a percentage of the total number of sewerage connections.	.73%	.25%	Rehabilitation and improvement of sewerage system in Jhang city.     SCADA system for disposal stations.	2023-2025 2023-2024
Storm water drainage;	Storm water drainage coverage (%)	The percentage of MC area that the drainage system protects from flooding.	51%	70%	Improvement of Sewerage System	2023-2026

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Projects Name	Timeframe (FY)
					in Jhang City and Construction of Wastewater Treatment Plant (WWTP)	
	Collection efficiency (%)	Total amount of solid waste collected expressed as a percentage of total solid waste produced.	74%	85%		
	Disposal efficiency (%)	Total amount of solid waste disposed off expressed as a percentage of total solid waste collected.	100%	100%		
	Door-to-door %	Percentage of area with door-to-door solid waste collection.	0%	0%		
	Primary SWM Coverage each day in localities %	Percentage of area from which the sanitary staff sweeps & collects waste each day	51%	51%		
Sanitation and solid waste collection and	Primary SWM Coverage each day in Roads %	Primary SWM Coverage each day in Roads	55%	55%		
disposal of solid wastes, treatment	Open Collection Points (Number)	Open Collection Points	157	157		
and disposal including landfill site	Secondary collection machinery (Number)	Secondary collection machinery	NIL	NIL		
and recycling plants;	Adequacy of parking facilities for SWM vehicles	Adequacy of parking facilities for SWM vehicles	Yes	Yes		
	Waste transported in covered vehicles	Waste transported in covered vehicles	NIL	NIL		
	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		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Projects Name	Timeframe (FY)
	Roads with condition "A" (Excellent) %	Total number of roads with condition "A" expressed as a percentage of total roads.	0%	0%	A) Improvement and Rehabilitation of Roads in MC Jhang	
	Roads with condition "B" (Good) %	Total number of roads with condition "B" expressed as a percentage of total roads.	12%	40%	B) Beautification of Chowks. C) Rehabilitation of Roads(Tuff Paver) in MC	
	Roads with condition "C" (Fair) %	Total number of roads with condition "C" expressed as a percentage of total roads.	0%	0%	Jhang. D) Improvement	2023-2024
Roads and streets;	Roads with condition "D" (Poor) %	Total number of roads with condition "D" expressed as a percentage of total roads.	88%	60%	& Rehabilitation of 07 Nos.	
	Roads with condition "E" (Failing) %	Total number of roads with condition "F" expressed as a percentage of total roads.	0%	0%	Chowks in MC Jhang. E) Rehabilitation, Improvement and Beautification of Walls (Package-2) in MC Jhang	
	Beautification of chowks %	Number of chowks having monuments expressed as a percentage of total chowks				
	Streetlight coverage. (%)	Percentage of area/roads with streetlights.	N/A	Same as before		
Streetlighting;	Working Streetlight %	Percentage of working streetlights as of total streetlights.	48%	100%	Provision and installation of Street Lights in Jhang City	2023-2024
Parks, Playgrounds, Open spaces;	Open spaces as percentage of total MC area. %	Open spaces as percentage of total MC area. %	1.3%	0%		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Projects Name	Timeframe (FY)
	Playgrounds as percentage of total MC area. %	Playgrounds as percentage of total MC area. %	0%	0%		
	Parks with condition "A" (Excellent) %	Parks with condition "A" expressed as a percentage of total parks.	0%	60%		
	Parks with condition "B" (Good) %	Parks with condition "B" expressed as a percentage of total parks.	40%	30%	A) Rehabilitation of Dhaji Park for	
	Parks with condition "C" (Fair) %	Parks with condition "C" expressed as a percentage of total parks.	20%	10%	Female in Jhang City	2023- 2026
	Parks with condition "D" (Poor) %	Parks with condition "D" expressed as a percentage of total parks.	40%	0%	B) Rehabilitation of Ganda Toya	
	Parks with condition "E" (Failing) %	Parks with condition "E" expressed as a percentage of total parks.	2%	0%	1	
	Parks as percentage of total MC area. %	Parks as percentage of total MC area. %	2%     0%       0.2%     0.2%			
	Graveyards as percentage of total MC area. %	Graveyards as percentage of total MC area. %	1.6%	1.6%		
	Graveyards with condition "A" (Excellent) %	Total area of graveyards with condition "A" expressed as a percentage of total area of graveyards.	0%	0%		
Graveyards;	Graveyards with condition "B" (Good) %	Total area of graveyards with condition "B" expressed as a percentage of total area of graveyards.	100%	100%		
	Graveyards with condition "C" (Fair) %	Total area of graveyards with condition "C" expressed as a percentage of total area of graveyards.	0%	0%		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Projects Name	Timeframe (FY)
	Graveyards with condition "D" (Poor) %	Total area of graveyards with condition "D" expressed as a percentage of total area of graveyards.	0%	0%		
	Graveyards with condition "E" (Failing) %	Total area of graveyards with condition "E" expressed as a percentage of total area of graveyards.	0%	0%		
Transport stations,	Ratio of bus stations to the total length of roads	Ratio of bus stations to the total length of roads	`1:56.45	`1:56.45		
stops, stands and terminals;	Adequacy of facilities at bus stands	Adequacy of facilities at bus stands	No	Yes	Improvement and Rehabilitation of Bus Stand	2025-2026
	Adequacy of slaughterhouses	Adequacy of slaughterhouses keeping in view the population of the MC	No	Yes	Rehabilitation of slaughterhouse	2023-2026
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		
	Total number of Libraries per 100,000 persons	Total number of Libraries per 100,000 persons	0.18	0.18		
Municipal libraries;	Adequacy of facilities in library	Adequacy of facilities in library in terms of books, computers, furniture, air-conditioning, lighting, drinking water etc.	Yes	Yes		
Duildings	Buildings with condition "A" (Excellent) %	Total number of buildings with condition "A" expressed as a percentage of total number of buildings.				
Buildings	Buildings with condition "B" (Good) %	Total number of buildings with condition "B" expressed as a percentage of total number of buildings.	11%			

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Projects Name	Timeframe (FY)
	Buildings with condition "C" (Fair) %	Total number of buildings with condition "C" expressed as a percentage of total number of buildings.	89%			
	Buildings with condition "D" (Poor) %	Total number of buildings with condition "D" expressed as a percentage of total number of buildings.				
	Buildings with condition "E" (Failing) %	Total number of buildings with condition "E" expressed as a percentage of total number of buildings.				
	Solar Penetration Index (SPI) %	The Solar Penetration Index (SPI) measures the percentage of MC office buildings that have successfully undergone solarization.	0%	100%	Solarization of the municipal buildings	2023-24

#### 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 E.
- Comprehensive list of LOS indicators is provided in IDAMP Framework, please refer to section 5, however, certain LOS indicators are not applicable to MC such as metered water connections, firefighting coverage etc.
- For certain service levels, the existing level of service is sustained during the term of IDAMP i.e. three years, despite the recognized need for enhancements. This circumstance arises due to various factors, including but not limited to funding constraints, the reluctance of asset owners to initiate required modifications and the lack of suitable land availability. Nevertheless, it is crucial to emphasize that the preparation and revision of

the IDAMP is an ongoing process. As a result, the target level of service in these areas may be redefined in the future, facilitating the implementation of potential improvements.

- The calculation of daily water supplied to the distribution system has considered the capacity of tubewells, in combination with the average hours of service per day for water supply.
- In order to reduce the reduction in non-revenue water, certain initiatives are required such as capacity building for MC staff, the installation of water meters, tariff revisions, regulatory reforms, among other measures. It's important to note that the percentage of non-revenue water may not necessarily improve solely with an increase in water production.
- As regards to landfilling, developing regional landfill sites, rather than smaller units for each city, would be advisable.

# 5 IDAMP Projects

# **Section 5. IDAMP Projects**

Based on the asset condition analysis and target level of services, the following projects have been identified in respect of various asset categories. Preliminary cost estimates for the project, encompassing both capital and operational & maintenance expenses, were calculated using the current Market Rating System (MRS) and Non-MRS rates for items. It's important to note that this estimation does not factor in inflation. Further, 2 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	2023-2	24	2024-	25	202	5-26	Project
Sr. No.	Project ID	Project Name	Asset Category	Capital Cost	Capital	O&M	Capital	O&M	Capital	O&M	Screening
							(Millions)				(Score)
1	02-09-01-04-01	Rehabilitation of filtration Plant	Water Supply	14.00	14.00	1.40		1.40		1.40	84
2	02-09-01-04-02	Rehabilitation and Improvement of water supply system	Water Supply	50.00	50.00	2.50		2.50		2.50	84
3	02-09-01-06-01	Construction of Underground Water Storage Tank	Water Supply	200.00	50.00		100.00		50.00	5.00	84
4	02-09-02-02-01	Rehabilitation and improvement of sewerage system in Jhang city	Sewerage Network and Disposal Station	198.60	132.40		66.20	4.96		4.96	84
5	02-09-02-02-02	Improvement of Sewerage System in Jhang City and Construction of Waste Water Treatment Plant (WWTP)	Sewerage Network and Disposal Station	2,557.84	1,278.92		1,278.92	63.95		63.95	88
6	02-09-04-01-01	Improvement and Rehabilitation of Roads in MC Jhang (Asphalt)	Road & Street	314.67	314.67	15.73	-	15.73		15.73	86

				Total	2023-2	24	2024	-25	202!	5-26	Project
Sr. No.	Project ID	Project Name	Asset Category	Capital Cost	Capital	O&M	Capital	O&M	Capital	O&M	Screening
1101							(Millions)				(Score)
7	02-09-04-01-02	Improvement and Rehabilitation of Roads in MC Jhang (Tuff Pavers)	Road & Street	147.13	147.13	7.36	-	7.36		7.36	86
8	02-09-04-01-03	Beautification of Chowks	Road & Street	41.40	41.40	2.07		2.07		2.07	81
9	02-09-04-01-04	Rehabilitation of 5 Existing Green Belts	Road & Street	18.14			18.14	0.45		0.45	68
10	02-09-04-01-05	Improvement and Rehabilitation of Chowks in MC Jhang	Road & Street	52.83			52.83	2.64		2.64	68
11	02-09-04-03-01	Provision and installation of Street Lights in Jhang City	Street Lights	7.25	7.25	40.57		40.57		40.57	84
12	02-09-05-01-01	Rehabilitation of Dhaji Park for Female in Jhang City	Parks, Playgrounds, Open spaces	21.90	21.90	0.55		0.55		0.55	82
13	02-09-05-01-02	Rehabilitation of Ganda Toya	Parks, Playgrounds, Open spaces	21.90					21.90	0.55	59
14	02-09-05-04-01	Improvement and Rehabilitation of Bus Stand	Transport station, stops, stands and terminal	695.55					695.55	34.78	62
15	02-09-05-06-01	Rehabilitation of slaughter house	Slaughterhouse	175.00	58.33		58.33		58.33	4.38	87
16	02-09-06-01-01	Solarization of the municipal buildings	Buildings	50.00	50.00	0.25		0.25		0.25	80
17	02-09-01-01-01	Solarization of Tube wells and Water Supply System	Water supply	180.00	180.00	0.90		0.90		0.90	87

				Total	2023-2	24	2024	-25	2025	5-26	Project
Sr. No.	Project ID	Project Name	Asset Category	Capital Cost	Capital	O&M	Capital	O&M	Capital	O&M	Screening
1101							(Millions)				(Score)
18	02-09-01-04-03	Provision of Mobile Ultra Filtration Plants (02) for Disaster Management	Water Supply	6.50	6.50	0.65		0.65		0.65	80
19	02-09-02-02-03	SCADA system for disposal stations	Sewerage Network and Disposal Station	75.00	75.00	1.88		1.88		1.88	80
20	02-09-04-01-06	Rehabilitation of Roads(Tuff Paver) in MC Jhang.	Road & Street	147.13	147.13	7.36		7.36		7.36	80
21	02-09-04-01-07	Improvement & Rehabilitation of 07 Nos. Chowks in MC Jhang	Road & Street	47.02	47.02	2.35		2.35		2.35	80
22	02-09-04-01-08	Rehabilitation, Improvement and Beautification of Walls (Package-2) in MC Jhang	Road & Street	29.50	29.50	1.48		1.48		1.48	80
23	02-09-04-01-09	Fixing Roads and Street Signs in Jhang City	Road & Street	49.58	49.58	2.48		2.48		2.48	80
24	02-09-04-01-10	Rehabilitation of 5 Nos Green Belts in Jhang city	Road & Street	18.14	18.14	0.91		0.91		0.91	80
25	02-09-03-03-01	SWM Vehicle Parking Shed	Solid Waste Management System	83.90	83.90	3.0		3.0		3.0	80
26	02-09-02-02-04	Energy Management Plan Water Supply		3.64	3.64	0		0		0	80
		Total				91.42	1,574.42	163.43	825.78	208.13	

### **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.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
1	Water Supply	Rehabilitation of filtration Plant	Improve water quality standards. Increase the capacity of the filtration system. Reduce maintenance and operating costs. Improve the reliability of the filtration system. Extend the lifespan of the filtration system. Ensure compliance with regulatory requirements. Enhance public health and safety. Increase the efficiency of the filtration process. Reduce the risk of waterborne illnesses. Improve the overall performance of the filtration system.	Replacement of filters, vessels membranes, some taps and some civil works	14	1.4	All Filtration Plants in Jhang City
2	Water Supply	Rehabilitation and Improvement of water supply system	<ol> <li>Rehabilitation of the components of existing water supply system to attain full efficiency out of these installations.</li> <li>Supply of adequate quantity of water in water shortage areas.</li> <li>Improvement of service delivery level in the entire city.</li> <li>Augmentation of the source capacity</li> </ol>	Replacement of outlived water supply distribution system, Rehabilitation of Tubewells.	50	2.50	Jhang City

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

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			5) Equal distribution of water in the entire system 6) Improvement of terminal pressure at remote ends of the distribution system 7) Reduction of water borne diseases. 8) Improvement in local and province economy.				
3	Water Supply	Construction of Underground Water Storage Tank	The main objectives are  - To supply safe drinking water in sufficient quantity at doorsteps of consumers with reasonable cost  - Encouraging personal hygiene and 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 Masonry Works Insulation Piping and Connection Concrete Works	200	5.00	Jhang City
4	Sewerage	Rehabilitation and improvement of sewerage system in jhang 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 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	1.Repair of Pump House Disposal Works Gharay Bhan 2.Remaining work Pump House & Screening Chamber at Disposal Works Tibba Sultan. 3.Remaining work Pump House Disposal Works Basti Ghoghay Wali 4.Missing Sewerlines of Disposal Works Tibba Sultan, Gadhian Wala & Basti Ghoghay wali. 5.Remaining work at Disposal Works Karma wala Town. 6.Pumping Machinery of New Gadhian Wala, Tibba Sultan & Goghay Wala 7.Inter connections in disposal works 8.Providing Installation MS Screens on	198.595	4.96	Jhang City

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			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.	all Disposal Works Jhang 9.Providing & Fixing Reinforced Plastic Composite (RPC) Manhole Covers 24" I/D With RPC Frame 10.200 KVA transformers 3 Nos including 11-KV Lines 11.Desilting of existing sewers 15" to 42" dia.			
5	Sewerage	Improvement of Sewerage System in Jhang City and Construction of Waste Water Treatment Plant (WWTP)	The Project comprises of the Replacement of old, outlived, damaged or worn-out components in existing infrastructure for; - • The existing sewerage system was laid against the Topographic conditions of the city. Hence, as soon the electric shutdown occurs the low-lying areas start overflowing. The resident of the areas is suffering bad environmental conditions and find difficult to move about in the waste water flooding. • To improve the service delivery by laying of trunk sewer according to topographic conditions. It will provide Improvement of service delivery level of the municipal services in the served	The rehabilitation of the system will comprise of below given components SN Components Quantity  1 RCC Sewers (Missing/Replacement) a) 12" I/d b) 15" I/d c) 24" I/d d) 27" I/d e) 30" I/d f) 33" I/d g) 36" I/d h) 42" I/d  2 Desilting of RCC Sewer Line a) 12" I/d b) 15" I/d c) 18" I/d d) 21" I/d e) 24" I/d	2,557.84	63.95	Jhang City

Sr. no.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			areas of the city for provision of better	f) 27" I/d			
			basic urban services for improved	g) 30" I/d			
			livability of the citizen.	h) 33" I/d			
			The new system is proposed to reduce	i) 36" I/d			
			in annual O&M cost of the infrastructure	j) 42" l/d			
			due to reduced repairs in the	3 RPC Manhole covers 1500 Nos			
			forthcoming years because of repair or	4 Pumping Machinery			
			replacement of infrastructure	Centrifugal sullage pumping units			
			components.	6 Cusecs capacity			
			<ul> <li>The major areas which are adjacent to</li> </ul>	5 cusecs capacity			
			main roads are without any proper	3 cusecs capacity			
			sewerage having surface drainage system	Disposal Stations			
			and resultantly, overflow occurred on	Upgradation/rehabilitation of existing			
			main road and destroy the road	disposal station (Civil Works)			
			infrastructure. The residents as well as	Transformer set 200 KVA			
			the transport are suffering badly. The				
			trunk sewer on these areas are	The newly proposed system in Zone-			
			proposed. A disposal station namely	1will comprise of the below given			
			"Farooqabad disposal station" is located	components:			
			in the thickly populated area and the	RCC sewers			
			outfall drain is passing in public land. The	a) 12" I/d			
			owner of the lands has inhabited their	b) 15" I/d			
			lands and drain has been converted into	c) 18" I/d			
			a pipeline which is not taking full	d) 21" I/d			
			discharge and under these conditions the	e) 24" I/d			
			disposal station cannot be operated at	f) 30" I/d			
			full pumping capacity. As such waste	g) 36" I/d			
			water flooding is taking place in the	h) 42" I/d			
			commanded areas. Municipal Committee	i) 48" I/d			
			has installed number of dewatering sets	j) 60" I/d			
			on different locations. On one side the	2 Disposal Station			
			environments are totally7 deteriorated	Screening chamber			
			whereas on the other side huge financial	Collecting tanks			

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			burden is laid on Municipal Committee due to operation of these dewatering sets.  • On completion of scheme about to main disposal stations i.e., Farooqabad and Khokaran along with 15 dewatering sets will be eliminated and sewage water flow by gravity. It will cause in reduction and prompt addressal of the public complaints regarding municipal service delivery.  • The major areas are without sewer along the planned route of trunk sewer which will be benefited with sewerage facility and environmental condition will be improve.  • The provide the wastewater treatment facility for reduction of BOD to bring the effluent within permissible limits of the NEQSs and the treated water can used for irrigation.  • With the improvement of environmental standards, the growth potential and the local economy of the city will be improved.	Pump house  3 Pumping machinery No clogging cardon shaft sullage pumping units 15 Cusecs capacity 8 cusecs capacity 4 Drain from disposal works to waste water treatment plant 5 Transformer 630 KVA 6 Diesel Generating set 650 KVA 1 No 7 Change over switch 8 LT Control Panel with 5 MCUs 3-Waste water Treatment Plant comprising of: a) Sullage channel = One No b) Screening Chamber = 1 No c) Anaerobic ponds = 4 Nos d) Facultative ponds = 4 Nos e) Sludge drying beds = 4 No f) Treated water pond = 1 No g) Administration block = 1 No h) Floating plants = 20% of Facultative ponds area i) Effluent water course = One No			
6	Roads	Improvement and Rehabilitation of Roads in MC Jhang (Asphalt)	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.	P7-College Chowk to Session Chowk     P8-Kalma Chowk to Basti Faizabad     Road     P9-Model Bazar Road	314.67	15.73	1. P7-College Chowk to Session Chowk 2. P8-Kalma Chowk to Basti Faizabad Road

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			<ol> <li>Saving in travelling and repair cost of the vehicles.</li> <li>Reduction in annual maintenance charges of roads and parks</li> <li>Better lit roads and streets adding to security of people travelling at night.</li> <li>Improvement in environments of the city making them livable.</li> <li>Improvement in local and province economy.</li> <li>Improvement in the economic growth potential of the city.</li> </ol>				3. P9-Model Bazar Road
7	Roads	Improvement and Rehabilitation of Roads in MC Jhang (Tuff Pavers)	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.	1. P1-Station Chowk to Laila Majnu Gate 2. P2-Darul Naimat Sweet Dhaji Road 3. P3-Jhang Bazar Chowk to via Ghag Bazar, Akhara, Chirag Pehalwan & Abbkari Road 4. P4-Dhup Sarri Road 5. P5-Hussainia School Civil Line Roads 6. P6-Sargodha Road	147.127	7.36	1. P1-Station Chowk to Laila Majnu Gate 2. P2-Darul Naimat Sweet Dhaji Road 3. P3-Jhang Bazar Chowk to via Ghag Bazar, Akhara, Chirag Pehalwan & Abbkari Road 4. P4-Dhup Sarri Road 5. P5-Hussainia School Civil Line Roads 6. P6-Sargodha Road
8	Roads	Beautification of Chowks	1.Landscaping: Planting trees, shrubs, and flowers to create greenery and add		41.4	2.07	Jhang City

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			color to the chowks. This could include designing flower beds, creating vertical gardens on walls, and using natural elements such as rocks and boulders to create a natural landscape.  2. Street furniture: Installing benches, streetlights, and other outdoor furniture to create a comfortable and inviting environment for people to sit, relax, and enjoy the surroundings.  3. Art installations: Commissioning artists to create public art installations such as sculptures, murals, and mosaics to add a creative and unique touch to the chowks.				
9	Roads	Rehabilitation of 5 Existing Green Belts	1. The project's main objective is to rehabilitate the existing green belts with the upgradation to the existing & new plantation to provide the local community a pleasant environment with all the allied beauty features.  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 peoples.  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.	The names of the Roads with green belts are mentioned below Sargodha Road Bhakkar Road Toba Road Rail Bazar to Mc Office Road Ayoub Chowk to Kuchery Road	18.14	.91	(Sargodha Road ,Bhakkar Road ,Toba Road ,Rail Bazar to ,Mc Office Road ,Ayoub Chowk to Kuchery Road)Jhang City

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
10	Roads	Improvement and Rehabilitation of Chowks in MC Jhang	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.	P7, P8, P9:  1. Geometric Improvement  1. Rehabilitation of Existing Pavement Structure  3. Improvement of drainage system	52.83	2.64	P7, P8, P9:,Jhang City
11	Streetlights	Provision and installation of Street Lights in Jhang City	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	Replacement of non-operational street lights	7.25	40.57	All major roads

Sr. no.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			maintenance downtime. Ensure compliance with regulatory requirements. Increase the lifespan of the street lighting system.				
12	Parks, Playgrounds, Open spaces	Rehabilitation of Dhaji Park for Female in Jhang City	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 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.	Construction of Walkway Construction of Boundary wall Construction of Main Gate Installation of Lights on with poles Installation of Children outdoor games Construction of Gazebos Provision of Benches Construction of Recharging well Plantation of Trees and Plants	21.9	0.55	Dhaji Park,Jhang City
13	Parks, Playgrounds, Open spaces	Rehabilitation of Ganda Toya	<ol> <li>To reduce urban heat island effect.</li> <li>To provide active and passive recreational opportunities</li> <li>To contribute to the health and wellness of a community</li> <li>To create valuable green space</li> <li>To combat air pollution caused by</li> </ol>	Boundary wall with iron grill     Entrance gates     Ramps for PWDs     Tuff tile pathways     Jogging track     Landscaping     Plantation/vegetation cover of	21.90	0.55	Jhang City

Sr. no.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			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	indigenous species     Gazebos (4 Nos.)     Public toilets     Rainwater recharge well     Shopping and sitting area     Playing area for children     Security guard room     Grassing and flower beds     Badminton Court (2 Nos.)     Volley ball Court     Kabaddi area     Cricket/Football ground     Gardener Room     Prayer Room     Store     Bird cage     Barbeque Pit (2 Nos.)     Provision of lighting and electrical arrangements     Construction of new water supply & drainage system and connection with existing network     Percolation Well			
14	Bus Stand	Improvement and Rehabilitation of Bus Stand	<ol> <li>Provision of disciplined travelling facilities to the people.</li> <li>Provision of waiting facilities for the travelers in the form of respectable sitting, ablution &amp; prayer, drinking water, toilets, shopping and ticketing.</li> <li>Provision of car parking facilities to the public,</li> <li>Rickshaw stand facilities</li> <li>Revenue generation from shops and</li> </ol>	'- General Bus Stand main building along will all allied facilities - Drainage System - Illumination and electrical works - Boundary wall and gates	695.55	17.39	Jhang City

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
15	Slaughterhouse	Rehabilitation of	parking lot 6. Improvement in the air pollution in city area due to parking and waiting by the buses 7. Reduction in the traffic congestion created by buses at various locations of the city 8. Effective protection of the buses against the solar radiation and Ultraviolet rays, rain, hail, wind, and dust. 9. Slowing down the deterioration of buses, therefore reducing the amount of maintenance. 10. Improvement in the economic growth potential of the city. Ensure compliance with sanitation and	Boundary wall and gate	175.00	4.38	All three
15	Siaugnternouse	slaughter house	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.	<ul> <li>Boundary Wall and gate</li> <li>Doctor's room</li> <li>Slaughtering hall</li> <li>Evisceration hall</li> <li>Meet cutting room</li> <li>Blood collection arrangements</li> <li>Water supply systems</li> <li>Skin storage room</li> <li>Waste water disposal system</li> <li>Solid waste collection and disposal system</li> <li>Health and Hygiene SOPs</li> <li>Separate Facility for Sick Animals</li> <li>Tools Disinfectant System</li> </ul>	1/5.00	4.38	Slaughter Houses,Jhang City

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			Improve the overall performance of the slaughterhouse.				
16	Buildings	Solarization of the municipal buildings	The primary objectives of solarization are as follows:  a) Enhance Sustainability: By generating clean and renewable energy, the project can reduce its environmental impact and contribute to sustainable development. b) Reduce Carbon Footprint: Solar PV systems produce electricity with zero greenhouse gas emissions, helping to mitigate climate change and improve air quality. c) Cut Down Energy Costs: Utilizing solar energy can significantly reduce reliance on conventional grid electricity, resulting in long-term cost savings and improved financial viability.	Solarization of the municipal buildings based on the site load and installation capacity assessment	50	0.25	Jhang City
17	Water supply	Solarization of Tube wells and Water Supply System	The primary objectives of solarization are as follows:  a) Enhance Sustainability: By generating clean and renewable energy, the project can reduce its environmental impact and contribute to sustainable development. b) Reduce Carbon Footprint: Solar PV systems produce electricity with zero greenhouse gas emissions, helping to mitigate climate change and improve air quality. c) Cut Down Energy Costs: Utilizing solar energy can significantly reduce reliance on conventional grid electricity, resulting in long-term cost savings and improved financial viability.	Solarization of the tubewells based on the site load and installation capacity assessment.  Tubewell solarization project scope involves converting conventional water pumping systems into solar-powered ones to ensure sustainable and energy-efficient water supply for rural needs.	180	0.9	Jhang City

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
18	Water Supply	Provision of Mobile Ultra Filtration Plants (02) for Disaster Management	"Purifying the water takes less time because there is no significant apparatus involved.  It is a transportable water treatment system that can be transported to any location inside a container, lowering the cost of purification plant setup and installation."	Mobile filtration plant for flood affected areas without the need of electricity	6.5	0.65	MC Jhang Office
19	Sewerage	SCADA system for disposal stations	For monitering and controlling of efficient working of all disposal Scda system would be required so that working hours of each pump will be moniter at a center point.	"""Design and Installation of the following components: 1-Instrumentation Inputs 2-RTUs 3-Radio/Cellular Telemetry 4- SCADA Operator Terminal 5-Alarming Monitoring 6-Control System Adjustments 7-Internet Browser 8-Server HTML"""	75	1.875	MC Jhang
20	Road & Street	Rehabilitation of Roads(Tuff Paver) in MC Jhang.	"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	Geometric Improvement, Rehabilitation of Existing Pavement Structure (Tuff Paver), Improvement of drainage system	147.127	7.35635	1. Station Chowk to Laila Majnu Gate 2. Darul Naimat Sweet Dhaji Road 3. Jhang Bazar Chowk to via Ghag Bazar, Akhara, Chirag Pehalwan & Abbkari Road

Sr. no.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			night. 7. Improvement in environments of the city making them livable. 8. Improvement in local and province economy. 9. Improvement in the economic growth potential of the city."				4. Dhup Sarri Road 5. Hussainia School Civil Lines Road 6. Sargodha Road
21	Road & Street	Improvement & Rehabilitation of O7 Nos. Chowks in MC Jhang	"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."	Chowks Beautification	47.02	2.351	1. MCB Bank Chowk 2. Circuit House Chowk 3. Bund Chowk-1 4. Khatme Naboowat Chowk 5. Bund Chowk-2 6. Educational Complex Chowk 7. Adaywal Chowk
22	Road & Street	"Rehabilitation, Improvement and Beautification of	Improvement of service delivery level of the municipal services in the sector of communication.     Better travelling facilities for the	Wall Beautification/Rehabilitation	29.5	1.475	1. Islamia High School Chowk 2. Highway

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			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.				Chowk 3. DC Chowk 4. Girls College Road Chowk 5. Session Chowk 6. DHQ Chowk
23	Road & Street	Fixing Roads and Street Signs in Jhang 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> <li>Reduction in annual maintenance charges of roads</li> <li>Better lit roads and streets adding to security of people travelling at</li> </ol>	<ol> <li>Rehabilitation of Existing Pavement Structure</li> <li>Pavement Marking</li> <li>Improvement of drainage system</li> <li>Street Light</li> </ol>	49.58	2.479	Jhang City

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			night. 7. Improvement in environments of the city making them livable. 8. Improvement in local and province economy. 9. Improvement in the economic growth potential of the city.				
24	Road & Street	Rehabilitation of 5 Nos Green Belts in Jhang city	The Project has the following objectives; a) The project's main objective is to rehabilitate the existing green belts with the upgradation to the existing & new plantation to provide the local community a pleasant environment with all the allied beauty features. b) The project also aims to construct a green space equipped with all the facilities that should be provided in a thriving neighborhood. c) To create safe neighborhoods for the peoples. d) To create valuable green spaces. e) To enhances the aesthetic beauty of the city. f) To contribute the health and wellness of the community.	Clearing and leveling of existing areas for construction purposes. Installation of ornamental trees, flower beds, planters, and other aesthetic features. Implementation of safety measures, including fencing or barriers where necessary. Installation of water sprinkling systems to maintain greenery. Landscaping activities including soil preparation, planting, and maintenance. Introduction of landscape architecture for aesthetic enhancement.	18.138	0.9069	Jhang City

### 5.2. Operations and Maintenance (O&M) Strategy:

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

### 1. Sewerage Operations and Maintenance

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

### 2. Water Supply Operations and Maintenance

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

### 3. Solid Waste Machinery Operations and Maintenance

- **Equipment Servicing**: Routine servicing and lubrication of solid waste machinery, including compactors, shredders, and sorting equipment, to optimize performance and reduce downtime.
- Waste Collection Fleet Management: Maintenance and repair of waste collection vehicles to ensure reliable and efficient solid waste collection services.
- Landfill Management: Regular monitoring and maintenance of landfill sites to mitigate environmental impacts and ensure compliance with waste disposal regulations.
- Recycling Infrastructure Maintenance: Inspection and upkeep of recycling facilities and equipment to support sustainable waste management practices.
- **Budget Allocations**: O&M expenses related to solid waste management are calculated based on IDAMP guidelines, with a comprehensive breakdown provided in Annexure G,H &I..

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

# **6** Financial and Economic Analysis

### **Section 6. Financial and Economic Analysis**

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

### 1.1. Qualitative Assessment

The qualitative benefits of the proposed projects are as under:

- (i) The benefits of municipal project Engines of Growth: Among other benefits, municipal projects generate employment opportunities and create a positive impact on the standard of living. Few projects proposed under IDAMP are mega projects which would create their own economy, boast manufacturing & trading, create need for commerce value chain.
- (ii) **Environmental Up-gradation:** Development of wastewater treatment plant would provide primary and secondary treatment, thereby have a positive bearing on environment. Further, all projects will especially focus environmental considerations during construction and operational phases. Further green areas, trees and plantations will provide not only refreshing view but will enhance the environmental conditions and help climate stabilization.
- (iii) **Employment Opportunities:** The Project is likely to create employment opportunities for over 1,000 people during construction and about 500 people at operational stage in addition to indirect employment generation.
- (iv) **Improvement in Service Delivery of Water Supply:** Rehabilitation of filtration plants would improve the water quality for the target population, thus will help to improve public health index.
- (v) **Saving in Fuel Consumption:** Upon bus stand coming into operation, people will have access to much better managed public transport, people will be encouraged to use public transport over private transport. This shift will result in drastically decrease the use of fuel oil costing in Billions of rupees.
- (vi) **Rehabilitation of Parks Creation of Social Hub in the Locality:** These projects will provide a recreational facility to the residents of the catchment area of respective parks thus improve the visitors count of the parks and create social harmony and extended connectivity in the people.

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

### 1.2. Quantitative Assessment of the Project

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

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

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

Please refer Annexure E for details.

### 1.3. Annual Financial Projections

The annual financial projection of Municipal Committee Jhang 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	300.50	5.45	100.00	5.45	50.00	10.45
Sewerage Network and Disposal Station	1,486.32	1.88	1,345.12	70.79	-	70.79
Road & Street	794.56	39.73	70.97	42.82	-	42.82
Street Lights	7.25	40.57	-	40.57	1	40.57
Parks, Playgrounds, Open spaces	21.90	0.55	-	0.55	21.90	1.10
Transport station, stops, stands and terminal	-	1	-	-	695.55	34.78
Slaughterhouse	58.33	1	58.33	-	58.33	4.38
Buildings	50.00	0.25	-	0.25		0.25
Total	2,718.86	88.42	1,574.42	160.43	825.78	205.13

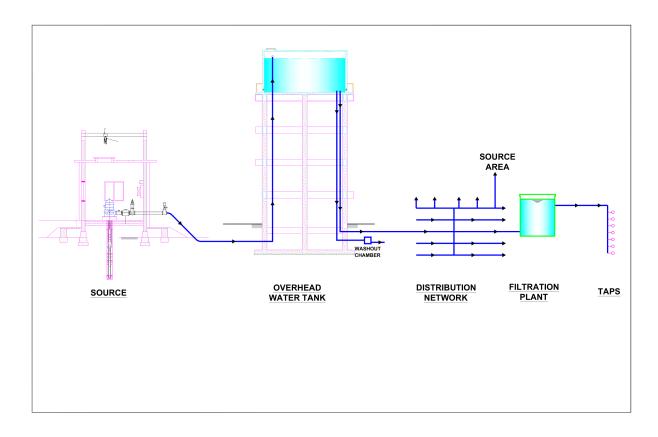
Capital cost of the projects incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.

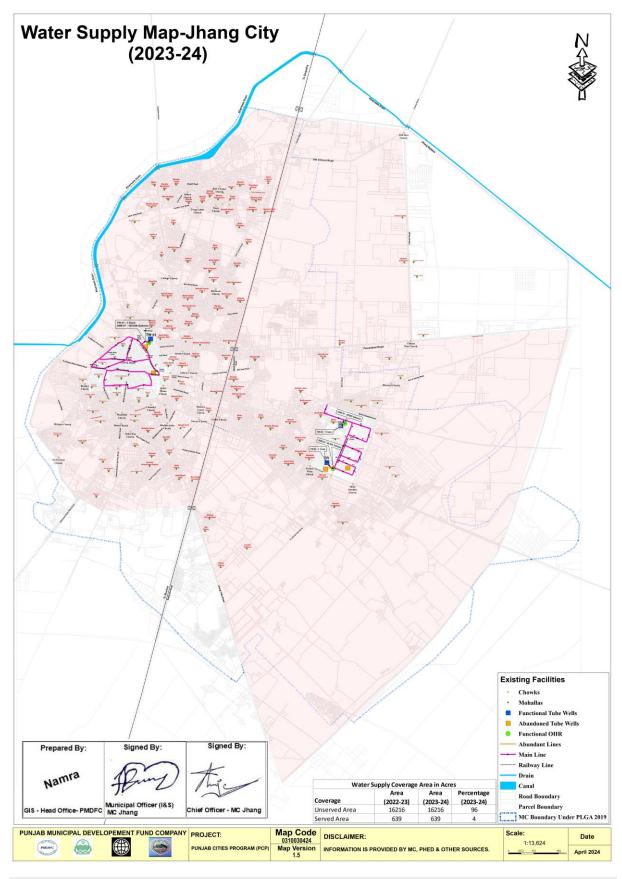
Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.

## Annexure

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

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





A. Tube well

Sr		Age (Ye	ars)			Book	Discharge	Pump	Motor	Motor
#	Name	Civil Structure	Pump	Condition	Status	Value (PKR Mil)	(cusec)	Make	Make	hp
1	MC Office	47	47	Fair	Functional	0.18	1	KSB	Siemens	50
2	Behari Colony	69	11	Failing	Non- Functional	0	1	KSB	Siemens	40
3	New Kalma Chowk	69	15	Fair	Functional	0.09	1.5	KSB	Siemens	40
4	Nawaz Sharif Park	12	12	Fair	Functional	0.36	0.75	KSB	Siemens	40

		Integrated D	evelopment .	And As	set M	anagement F	Plan (IDAN	1P)
			Municip	al Con	nmitte	e Jhang		
Form:			Tube Well	sment				Α
13711111 71			t Detail	, S.III C.III				
Name								
Location	Latitu	de						
Location	Longit	ude		72.32	1003			
Address			Circular R	oad, N	ear Ta	nga Adda		
Area (Marla)				0	1			
Working Sta	tus		Function	al	Non-	- Functional		
Installation \	ear of	Tube Well		19	76			
Installation \	ear of	Pump		19	76			
<b>Capital Cost</b>			!	Not Av	ailable	9		-
Operational	Hours			E				1
Delivery	Dia			6	"			
Pipe	Mater	aterial Mild Steel						Bertlem's
Chlorinator			Yes			No		
Chlorination	Sched	ule	Once in a Year	Afte Mor		No Schedule		
Apron Arour	nd Pum	p House	Yes			No		
<b>Hoisting Gird</b>	der		Yes			No	Barrer.	
Civil Structur	re Cond	lition	Good	Fa	ir	Poor	7	
Approach to	Pump	House	Good	Fa	ir	Poor		K
		Pump	Details					
Pump Type				Turk	oine		11/1	4
Pump Make				19	76			Mu
Discharge Ca	pacity	(Cusec)		1	L		Google	La Lo
Rotational S	peed (F	RPM)		14	65		Coogic	27,
Housing Dia	(inches	s)		12	<u>"</u>			
Bore Depth		28	35					
Head (ft.)		15						
Impeller Installation Depth (ft.)				8		1		
Paint of Pum	<del></del>		Good Fair		ir	Poor		
Number of	Gate \			1			]	
Valves	Non-R	eturning Valve		1	_		]	
Base Plate			Yes			No	]	



Asset Code:

**Pictures** 

Integrated Development And Asset Management Plan (IDAMP)										
		Municipal Con	nmittee Jhang							
Form:		Tube Well		Asset	: Code:					
IDAMP-A1.1	Asset Co	ndition Assessment			Date: 26-01-2023					
		al Equipment Details	s							
Transformer Capa		20	00							
Sanctioned Load (		38			**					
Motor Power (HP)		50								
Motor Make		Siem			13-24-1					
MCU		Yes	No							
Earthing of Motor		Yes	No							
Power Wiring		Yes	No							
Service Cable		Yes	No							
Earthing of MCU		Yes	No		1 4 11 30					
Energy Meter		Yes	No							
Water Meter		Yes	No							
PFI Equipment		Yes	No		☑ GPS Map Camera					
Generator		Yes <b>No</b>		Jhang, P	unjab, Pakistan					
Change Over		Yes	Lat 31.29132 Long 72.3210							
		Overall	Rating							
Average Score	1	2	3	4	5					
<b>Asset Condition</b>	Excellent	Good	Fair	Poor	Failing					
Category	Α	В	С	D	E					
		Remarks / Re	equirements							
Pump has or	utlived its life an	d needs replacem	ent.							
Data Collected By:	Mr. Abdullah	Designation: Team	n Member		Julih Sign & Date: 15 May 2023					
Data Checked By: I	Mr. M Fiaz	Designation: Team	 n Lead	Maythy Sign & Date: 15 May 2023						

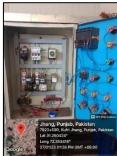
Asset Code: \_

**Pictures** 

		Intograti	nd Davolon	mont	And	Accet Mana	gement Plan (IDAMP)
		integrati	eu Develop	шепс	Allu	Asset Ividila	igement Flan (IDAIVIF)
			M	lunici	pal Co	ommittee Jl	nang
Form:		Tube	Well				
IDAMP-A1	.2	Asset Co	ndition			•	
15711011 712		Assess					
		Asset	Detail				Pict
Name	1		В	ehari			
Location		itude		31.26			
	Lon	gitude	5 1 . 6	72.35			
Address					Satei	lite Town	
Area (Marla	)		01	L			
Working Sta	tus		Function	nal	Eu	Non- inctional	
Installation	Vear	of Tube Well		19		inctional	
Installation				20			
Capital Cost			4	.5 Mill		kr	
Operational		ırs	7.	. <u></u> (			MEN TO SERVICE
Delivery	Dia			6			SIEMI TAN
Pipe		terial		Mild			The second secon
Chlorinator			Yes	- IVIII G	Jecei	No	Control of the Contro
			Once in a	Afte	er 6	No	Jhang, Punja Plot 584 A, Satelli Jhang, Punjab, Pa
Chlorination	) Sch	edule	Year	Mor			Lat 31.258449° Long 72.351665°
Apron Arou	nd P	ump House	Yes			No	27/01/23 01:14 PM
<b>Hoisting Gir</b>	der		Yes No			No	
Civil Structu	re C	ondition	Good <b>Fa</b>		ir	Bad	S.
Approach to	Pur	np House	Good <b>Fair</b>			Bad	
		Pump	Details		Number of the second		
Pump Type				Turl			
Pump Make	1		2012				Marine I
Discharge Ca	apac	ity (Cusec)			L		E IPP May Coming
<b>Rotational S</b>	pee	d (RPM)		14	65		Jhang, Punjab, Pakistan Plat 584 A, Satellite Town Block A Satellite Town, Jhang, Punjab, Pakistan
<b>Housing Dia</b>	(inc	hes)		12	2"		Google Lat 31.25642° Long 72.351635° 27/01/23 01:14 PM GMT +05:00
<b>Bore Depth</b>	(ft.)			30	00		
Head (ft.)			150				
Impeller Ins (ft.)	talla	tion Depth		8	5		
Paint of Pun	npin	g Unit	Good	Fa	ir	Poor	A La
	•	e Valve			l		
Number of		n-Returning			1		TO THE STORES
vaives	Valves Valve				L		Jhang, Punjab, Pakistan Plat 584 A, Salelite Town Block A Satellite Town, Jhang, Punjab, Pakistan
Base Plate	Base Plate					No	Google 27/01/23 01:13 PM GMT +05:00
		ctro-Mechanica					
Transformer Capacity (kVA)			N	lot Av		le	
Sanctioned Load (kw)					0		
Motor Power (HP)				4			
Motor Make			Siemens				
MCU			Yes			No	
Earthing of	Mot	or	Yes			No	
Power Wirir	_		Yes			No	
Service Cabl	Yes			No			











	Integrate	ed De	velopment	And A	sset Mana	agement	Plan (IDAMP)		
			Munici	pal Cor	nmittee J	hang			
Form: IDAMP-A1.2	Tube ' Asset Co Assess	nditio					Asset	Code: Date: 26-01-2023	
Earthing of MCU	arthing of MCU Ye				No				
<b>Energy Meter</b>			Yes		No				
Water Meter			Yes		No				
PFI Equipment			Yes		No				
Generator			Yes		No				
Change Over			Yes	No					
Overall Rating									
Average Score	1		2		3	3	4	5	
Asset Condition	Excellent	:	Good	l	Fa	ir	Poor	Failing	
Category	Α		В		С		D	E	
			Rema	rks / R	equireme	nts			
Pump is out of o	rder and mai	n rel	nabilitation	is req	uired.		_		
Data Collected By: Mr. Abdullah			Designation: Team Member				Jufoh Sign & Date: 15 May 2023		
Data Checked By: Mr. M Fiaz			Designatior	n: TeaL	ead		Sign & Date: 15 May 2023		

		Integ	rated Develo	pment	And	Asset Manag	gement Plan (IDAMP)
				Munici	pal C	ommittee Jha	ang
Form: IDAMP-A1	3		oe Well tion Assessm	nent			Asset Code:
		A	sset Detail				Pictures
Name			Ne	w Kalm	a Cho	owk	
Lasation	Lati	itude		31.258	8432		
Location	Lon	gitude		72.352	1610		
Address		_	New Kalma	a Chowl	k, Sat	ellite Town	
Area (Marla	1)			01	L		C C
Working Sta	atus		Functional Non- Functional		- Functional	CC CC	
Installation Well	Yea	r of Tube	1954				0 20
Installation	Yea	r of Pump		200	)8		
Capital Cost	:			4 N	Millio	n Pkr	
Operationa	l Ho	urs		6			Jhang, Punjab, Pakistan
Delivery	Dia			6"	,		Plot 71/d Y, Y Block Block Y Satellite Town, Jhang, Punjab, Pakistan
Pipe	Ma	terial	Mild Steel				Google 27/01/23 12:58 PM GMT +05:00
Chlorinator			Yes			No	
Chlorination Schedule		Once in a Year	Afte Mon		No Schedule		

#### **Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang Tube Well** Form: **Asset Code:** IDAMP-A1.3 **Asset Condition Assessment** Date: 26-01-2023 **Apron Around Pump House** Yes No **Hoisting Girder** Yes No **Civil Structure Condition** Good Fair Bad **Approach to Pump House** Good Fair Bad **Pump Details** Turbine **Pump Type Pump Make** 2008 **Discharge Capacity (Cusec)** 1.5 **Rotational Speed (RPM)** 1465 12" Housing Dia (inches) Bore Depth (ft.) 285 Head (ft.) 150 **Impeller Installation Depth** 85 (ft.) **Paint of Pumping Unit** Good Fair Poor **Gate Valve** 1 **Number of Non-Returning** Valves 1 Valve **Base Plate** Yes No **Electro-Mechanical Equipment Details Transformer Capacity** (kVA) Sanctioned Load (kw) 19 Motor Power (HP) 40 **Motor Make** Siemens MCU Yes No **Earthing of Motor** Yes No **Power Wiring** Yes No Service Cable Yes No **Earthing of MCU** Yes No **Energy Meter** Yes No Water Meter Yes No PFI Equipment Yes No Generator Yes No **Change Over** Yes No **Overall Rating Average Score** 2 4 5 1 **Excellent** Good Fair Poor Failing **Asset Condition** В D Category Α C Ε **Remarks / Requirements** Minor rehabilitation is required. Data Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 15 May 2023

	Integrated Development And Asset Management Plan (IDAMP)							
Municipal Committee Jhang								
Form: IDAMP-A1.3	Tube Well Asset Condition Ass	Asset Code: Date: 26-01-2023						
Data Checked B	y: Mr. M Fiaz	Designation: Team <b>Lead</b>	Sign & Date: 15 May 2023					

	Integ	rated Develo	pment And	l Asset Mana			
			Municipal (	Committee Jh			
Form: IDAMP-A1.4	Asset C	e Well Condition Esment					
	A:	sset Detail					
Name		Na	waz Sharif I	Park			
Llocation —	atitude		31.296881				
L	ongitude		72.318540				
Address		Na	waz Sharif I	Park			
Area (Marla)		_	01				
Working Stat		Function	al Nor	n- Functional			
Installation Y Well	ear of Tube		2011				
Installation Y	ear of Pump		2011				
Capital Cost		4	.5 Million P	kr			
Operational I	Hours	6					
Denvery =	ia		6"				
_ •	1aterial		Mild Steel				
Chlorinator		Yes	No				
Chlorination	Schedule	Once in a Year	After 6 No Months Schedule				
Apron Aroun	d Pump House	Yes		No			
<b>Hoisting Gird</b>	er	Yes		No			
Civil Structure	e Condition	Good	Fair	Bad			
Approach to	Pump House	Good	Fair	Bad			
	Pu	mp Details					
Pump Type			Turbine				
Pump Make			2011				
Discharge Cap	pacity (Cusec)		0.75				
<b>Rotational Sp</b>	eed (RPM)		1465				
Housing Dia (	inches)	8"					
Bore Depth (1	ft.)	300					
Head (ft.)		150					
Impeller Insta (ft.)	allation Depth		85				
Paint of Pum	ping Unit	Good	Fair	Poor			
	ate Valve		1				



**Pictures** 

**Asset Code:** 





Integrated Development And Asset Management Plan (IDAMP)									
			Munic	ipal Com	nmittee Jha	ang			
Form: IDAMP-A1.4	Asset C	e Well ondition					Asset	Code: Date: 26-01-2023	
Number Non-	Returning	Silicite							
of Valves Valve	_		1	1			S S	-NE 194193 6-4 -	
Base Plate		١	⁄es	1	No			Title West	
Elec	tro-Mecha	nical Equ	uipment De	etails			Jhang Sadar, Punja	6 Map Camera	
Transformer Capacity (kVA)							78/88-6VG, Jhang - Sargo, Jhang Sadar, Jhang, Punja Lat 31:297623° Long 72:317573° 27/01/23 04:58 PM GMT +	dha Rd, Ali Town b 35200, Pakistan	
Sanctioned Load	(kw)		1	2			THE REAL PROPERTY AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF T		
Motor Power (HF	P)		4	0					
Motor Make			Sien	nens				15.2	
MCU		Yes No				A CONTRACTOR OF STREET	S Map Camera		
Earthing of Moto	r	١	⁄es	1	No		Punja 78W9+MCV, Amir Town Ju Pakistan	b, Pakistan رجانه, s., Jhang, Punjab,	
Power Wiring	ver Wiring			Yes No			Lat 31 296881° Long 72.31854° 27/01/23 04:57 PM GMT +	08:00	
Service Cable	Service Cable			Yes No			564-73-79100 See	The state of the s	
Earthing of MCU		١	Yes No						
Energy Meter		١	⁄es	No					
Water Meter			<b>Yes</b>	No					
PFI Equipment			Yes No						
Generator			Yes No						
Change Over			Yes <b>No</b>						
				Overall	Rating				
Average Score	1		2		3		4	5	
Asset Condition	Excell	ent	Goo	d	Fair	•	Poor	Failing	
Category	Α		В		С		D	E	
			Rem	arks / Re	quiremen	ts			
Minor reha	bilitation i	s requir	ed.						
Data Collected By: Mr. Abdullah			Designation: Team Member				Julih Sign & Date: 15 May 2023		
Data Checked By:	: Mr. M Fiaz		Designation: Team Lead				Mayfry Sign & Date: 15 May 2023		

### B. OHR

Sr #	Name	Age (Years)	Condition Status		Book Value (PKR Mil)	Capacity
1	MC Office	17	Fair	Functional	0.19	10,000
2	Behari Colony	69	Failing	Non-Functional	0	50,000
3	Kalma Chowk	17	Fair	Functional	0.76	50,000

		Integrated I	Developm	ent An	d Asset Man	agement	Plan (IDAMP)			
	Municipal Committee Jhang									
Form:	.1		0.10.		Reservoir Assessment	:	Asset Code:			
Name				MC Of	fice		Pictures			
L	atitud	de		31.279	326					
Location —	ongit			72.313		=				
Address					Jhang Sadar					
Year of Constru	uctio	n	Circulai	200		+				
Capacity (UK G				100,0		+				
Cleaning Frequ		_		2		1				
		(rer rear)		R.C.	<u> </u>	1				
Type of Structure Cond			Good	Fair						
		1								
Tank Condition		_	Good	Faiı	Poor					
Number Slui			4							
of Valves Nor	of Valves   Non-Returning Valve			1						
Working Statu	Working Status		Functiona	No Fu	on- Inctional					
Rising Main	Di	-		10"			TO BE			
Mishing Midhii	_	laterial		MS	1			H		
<b>Delivery Main</b>	Di	-	8"					-		
		laterial		MS	<u></u>			Hallis		
	& Di	-		8"	,					
Scour Pipe	_	laterial	Vos	MS						
		sing Main elivery Main	Yes Yes		No No	120	Jhang Sadar, F	Punjab, Pakistan		
Sluice Valve		cour Pipe	Yes		No No		78H7+H9H, Circular R Sadar, Jhang, Punjab,	d, Madina Colony, Jhang		
		verflow Pipe	Yes		No	Goog	Lat 31.279067° Long 72.313678° 27/01/23 08:58 AM GI	MT +05:00		
Stair Case			Yes		No	Sold State of State o	27/01/23 30:35 AW G			
Apron Around	OHR		Yes		No					
Tank Top Railin			Yes		No	1				
Top Indication		t	Yes		No					
Lightening Arrester			Yes		No					
Boundary Wall & Gate		Yes No			_					
<b>Overflow Disposal Arrangements</b>		Arrangements	Yes No			_				
Approach to OHR			Good Fair Bad							
				Ove	erall Rating					
Average Scor	е	1	2			3	4	5		
Asset Condition	on	Excellent	Good Fai		air	Poor	Failing			

Category	Α	В	С	D	E			
		Remarks / R	equirements					
Reinforcement at the tank floor was evident and the structure needs rehabilitation								
Data Collected By: Mr. Abdullah  Designation: Team Member  Sign & Date: 15 May 2023								
Data Checked By:	Mr. M Fiaz	Designation: Tean	n Lead	Sign & Date: 15 May 2023				

			Integrated I					agement Plan (IDAMP)
				Mui	nicip	al Co	mmittee J	hang
For							ervoir sessment	As
Name	Name				ehar	i Colo	Pictu	
	Lat	itud	е		31.2	67288		
Location	Lon	gitu	ıde		72.3	50833	3	
Address	<u> </u>			Bihari		ony, S own	atellite	
Year of Co	nstruc	tior	1		1	954		
Capacity (	UK Ga	llon	s)		50	,000		
Cleaning F	reque	ncy	(Per Year)			2		
Type of St	ructur	е		Bri	ck N	/lason	ary	
Structure	Structure Condition			Good	F	air	Poor	
Tank Cond	litions			Good	F	air	Poor	
Number	Sluice	. Va	lve			4		
of Valves	Non-l	Retu	ırning Valve			1		
Working S	tatus			Function	al	Non- Funct		
Rising Ma	in	Dia	-		1	LO"		
Mishing Ivia	""		aterial			MS		
Delivery N	/lain	Dia				8"		
			aterial			MS 6"		
Overflow Scour Pipe	. &	Dia	aterial			MS		Jhang, Pu
Scoul Pipe	<u> </u>		sing Main	Yes	<u>'</u>	VIS	No	12u Waseem S
			livery Main	Yes			No	Block U Satellin
Sluice Val	ve		our Pipe	Yes			No	Google Long 72.35083 27/01/23 12:55
			erflow Pipe	Yes			No	
Stair Case			Yes			No		
_ ·	Apron Around OHR		Yes			No		
Tank Top				Yes			No	
Top Indica				Yes			No	
Lightening				Yes			No	
Boundary				Yes			No	
Overflow	Dispos	al A	rrangements	Yes			No	

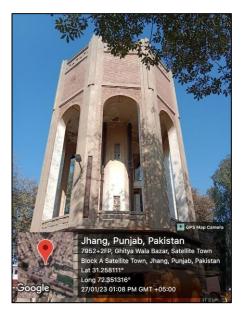


Asset Code: \_

**Pictures** 

Approach to OHR	R	Good	Fair	Bad							
	Overall Rating										
Average Score	1		2	3	3	4	5				
Asset Condition	Excellent	G	iood	Fa	nir	Poor	Failing				
Category	Α		В		2	D	E				
		Re	emarks / R	Requireme	ents						
	<ul> <li>Structure and tank condition is very poor and deteriorated. They have outlived their lives as per design criteria. So, they need to be reconstructed</li> </ul>										
Data Collected By	Design	ation: Tea	m Membe	r	Junt Sign & Date: 15 N						
Data Checked By:	Designation: Team Lead		Sign & Date: 15 May 2023								

		Integrated	Developme	ent A	And A	sset Mana	agement Plan (IDAMP)
			Mun	icip	al Co	mmittee J	hang
For IDAM			Over I Asset Con			A	
Name			Ka	lma	Chov	vk	Picto
Location	Lat	itude	3	31.2	58111	L	
LOCATION	Lon	gitude	7	72.3	51316	5	
Address	·		Kalma		wk, S own	atellite	
Year of Co	onstruc	tion		2	006		
Capacity (	UK Ga	llons)		50	,000		
Cleaning I	Freque	ncy (Per Year)			2		
Type of St	ructur	e	Brio	ck N	1ason		
Structure	Condit	ion	Good		air	Poor	
Tank Cond	ditions		Good Fair		air	Poor	
Number	Sluice	· Valve	4			100	
of Valves	Non-F	Returning Valve	1				
Working S	Status		Functiona	al	Non- Funct	ional	
Rising Ma	in	Dia		1	.0"		
itisilig ivia	111	Material			MS		
Delivery N	∕lain	Dia			8"		Jhang, Pu
Material				MS c"		Block A Satelli	
Overflow			6" MS		- Google 27/01/23 01:08		
Scour Pipe Material Rising Main		Yes		VIS	No		
Delivery Main		Yes			No		
Sluice Val	ve	Scour Pipe	Yes			No	
		Overflow Pipe	Yes			No	
Stair Case		•	Yes			No	



Asset Code:

**Pictures** 

Apron Around Ol	-IR	Yes		No			
Tank Top Railing		Yes		No			
Top Indication Light		Yes	Yes				
Lightening Arrest	er	Yes		No			
Boundary Wall &	Gate	Yes		No			
Overflow Disposa	al Arrangements	Yes		No			
Approach to OHR	2	Good	Fair	Bad			
			Overa	ll Rating			
Average Score	1	7	2	3		4	5
Asset Condition	Excellent	Go	Good Fair		Poor	Failing	
Category	Α	ı	В	C		D	E
		Rei	marks / F	Requireme	nts		
Structure	and tank condition	on is very poor and deteriorated. So, they				ney need to be reh	abilitation.
Data Collected By	: Mr. Abdullah	Designation: Team Member			r	Junt	
Data Checked By: Mr. M Fiaz		Designa	tion: Tea	m Lead		Wayf Sign & Date: 15 N	nay 2023

### C. Filtration Plant

Sr#	Name	Age (Years)	Condition	Status	Book Value (PKR Mil)	Туре	Filtration Capacity (Liters/hour)
1	Qabristan Rulay Shah	6	Fair	Non- Functional	2.7	UV	2000
2	Muhallah Baghwala	17	Poor	Functional	0.54	UV	2000
3	Ahrar Park	10	Poor	Functional	2.43	UV	2000
4	Basti Mura Wali	6	Fair	Functional	3.15	UV	2000
5	Muhallah Farooqia	10	Failing	Non- Functional	2.16	RO	1000
6	Milad Chowk	10	Poor	Non- Functional	2.43	RO	1000
7	Larri Adda	6	Poor	Functional	3.15	UV	2000
8	Rasheed Chowk	6	Failing	Non- Functional	2.7	UV	2000
9	Jail Road Shadab colony	6	Poor	Functional	3.15	UV	2000
10	Sadiqabad	6	Poor	Functional	3.15	UV	2000
11	Behari Colony	10	Failing	Non- Functional	1.62	RO	1000
12	Faisalabad Jalalabad	17	Failing	Non- Functional	1.98	UV	2000
13	MC Office	17	Poor	Functional	0.27	UV	2000

### Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang

Form: IDAMP-A4				Water Filtration Plant Asset Condition Assessment					
Name			Rulay Shah						
Location	Latit	ude			31.26	2771			
200001011	Long	itude			72.30	0108			
Address				Qal	oristan I	Rulay S	hah		
Installation					20	17			
Installing A	gency				PH	ED			
O&M Agend					MC J				
Filtration Ca	pacity	y (Liter/Hour)			20	00			
Operationa	l Hour	S			1	_			
No. of Taps					8	-			
Effluent Tes					N	0			
Latest wate carried out?		ality analysis			Not Av	ailable			
If yes, parameters	which ?	lab and	Not Available						
Findings of analysis?	of w	ater quality	Not Available						
the permis	sible	ameter above limit, which provide safe	Not Available						
Plant Type				RO		UV			
Source of W	/ater		L	ocal Tube	Well	Public Water Supply			
Working Sta	atus			Function	al	Non	-Functional		
Pumping Ur	nit			Yes			No		
Control Panel				Yes			No		
Service Cable				Yes			No		
Ultraviolet Lamp			Yes			No			
Takeaway Hall Condition				Good	Fa	ir	Poor		
<b>Building Structure Condition</b>				Good	Fa	ir	Poor		
Approach to	o Pum	p House		Good	Fa	ir	Poor		
					Overal	l Ratin	g		
Average So	core	1		2			3		



Asset Code:

**Pictures** 

Date: 26-01-2023





Average Score	1	2	3	4	5
<b>Asset Condition</b>	Excellent	Good	Fair	Poor	Failing
Category	Α	В	С	D	E

### **Remarks / Requirements**

- Membrane, pressure pump, panel board needs replacement,
- Floor needs rehabilitation,
- Taps were missing

Data Collected By: Mr. Abdullah	Designation: Team Member

Juloh

		Sign & Date: 15 May 2023
Data Checked By: Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023

### **Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang Water Filtration Plant** Form: **IDAMP-A4.2 Asset Condition Assessment** Name Mohalla Baghwala Latitude 31.266185 Location Longitude 72.309110 **Address** Mohalla Baghanwala **Installation Year** 2006 **Installing Agency PHED** O&M Agency MC Jhang Filtration Capacity (Liter/Hour) 2000 **Operational Hours** 12 No. of Taps 8 **Effluent Test (If Available)** No Latest water quality analysis Not Available carried out? lab yes, which and Not Available parameters? quality **Findings** of water Not Available analysis? In case of any parameter above the permissible limit, which Not Available steps are taken to provide safe water? RO UV **Plant Type Public Water** Source of Water **Local Tube Well** Supply **Working Status Functional** Non-Functional **Pumping Unit** Yes No Yes **Control Panel** No **Service Cable** Yes No **Ultraviolet Lamp** Yes No **Takeaway Hall Condition** Good Fair Poor **Building Structure Condition** Good Poor Fair **Approach to Pump House** Good Fair Poor



**Pictures** 

**Asset Code:** 





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

<ul><li>Filter Media was not working</li><li>Floor needs rehabilitation</li><li>Taps were missing</li></ul>	3	
Data Collected By: Mr. Abdullah	Designation: Team Member	Julih Sign & Date: 15 May 2023
Data Checked By: Mr. M Fiaz	Designation: Team Lead	Mayfry Sign & Date: 15 May 2023

		Integra	ated Develop	ment Δ	nd Ass	et Manageme	ent Plan (IDAMP)
		ппедг				mittee Jhang	
Form IDAMP-			Wat Asset Co	er Filtra			Asset Code:
Name				Ahra	r Park		Pictures
Location	Latitude			31.2	7068		
Location	Longitud	e		72.3	0937		
Address				Ahra	r Park		
Installation Y	ear			20	)13		
Installing Age	ency			PH	IED		
O&M Agency	1			MC J	Ihang		
Filtration Cap	acity (Lite	r/Hour)		20	000		
Operational I	Hours			1	.2		
No. of Taps			8				
Effluent Test	(If Availab	le)	No				Jhang, Punjab, Pakistan
Latest wate carried out?	er qualit	y analysis	Not Available			<u>,</u>	78C5+6P5, Piplianwala Mohallah Jhang, Punjab, Pakistan Lat 31.270713°
If yes, which	lab and pa	rameters?	Not Available			)	Google Long 72:309316° 27/01/23 09:12 AM GMT +05:00
Findings of w				Not A	/ailable	)	
In case of any permissible I taken to prov	limit, whic	h steps are	Not Available			2	
Plant Type			RO			UV	
Source of Wa	Source of Water		Local Tube	Well	Pu	blic Water Supply	
Working Stat	Working Status		Function	nal	Nor	n-Functional	
Pumping Uni	Pumping Unit		Yes			No	Jhang, Punjab, Pakistan 7805-9PB, Riplamwata Mahalah Jhang,
<b>Control Pane</b>	Control Panel		Yes			No	Funds, Pasistan Let al 1270/131 Let 1270/131
Service Cable	Service Cable		Yes			No	27/01/23 09-14 AM OMT +05-00
Ultraviolet La	mp		Yes			No	
Takeaway Ha	II Conditio	n	Good	Fa	air	Poor	
Building Stru	cture Cond	ition	Good	Fa	air	Poor	
Approach to	Pump Hou	se	Good	Fa	air	Poor	

Sign & Date: 15 May 2023

Sign & Date: 15 May 2023

Data Checked By: Mr. M Fiaz



Integrated Development And Asset Management Plan (IDAMP)									
Municipal Committee Jhang									
Form IDAMP			Water Filtration Plant Asset Condition Assessment	Asset Code: Date: 26-01-2023					
Name			Basti Mura wali	Pictures					
Lacation	Latitud	e	31.276402						
Location	Longitu	de	72.308782						
Address			Basti Mura wali						
Installation	Year		2017						
Installing A	gency		PHED						
O&M Agen	су		MC Jhang						
Filtration (Liter/Hour	)	Capacity	2000						
Operationa	l Hours		12						
No. of Taps			8						
Effluent Tes	st (If Ava	ilable)	No						
Latest water quality analysis carried out?		y analysis	Not Available						
<u>-</u>			Not Available						

Designation: Team Lead

Sign & Date: 15 May 2023

Findings of water quality analysis?		Not Available				100	
In case of any parameter above the permissible limit, which steps are taken to provide safe water?		Not Available					
Plant Type		RO		UV			
Source of Water		Local Tube Well		Public Water Supply		Plot 346	To ove was construction, Punjab, Pakistan I, Bhabhana Mohalla Mohalla Insi, Jhang, Punjab, Pakistan
Working Status		Functional		Non-Functional		Lat 31.2	76402° 308784° 8 09:55 AM GMT +05:00
Pumping Unit		Yes		No			
Control Panel		Yes		No			
Service Cable		Yes		No			
Ultraviolet Lamp		Yes		No			
Takeaway Hall Condition		Good	Fair		Poor	1	
Building Structure Condition		Good	Fair		Poor		
Approach to Pump House		Good	Fair		Poor	Google Story	00% AM CMT + 18:00  10% AM
Overall Rating           Average Score         1         2         3         4         5							
Asset Condition	Excellent	Good			Fair	Poor	Failing
Category	A	В			C	D	E
Remarks / Requirements							_
Pipe Leakage detected     Vessel was not working     Floor needs rehabilitation & Taps were missing							
Data Collected By: Mr. Abdullah		Designation: Team Member			mber	Juloh Sign & Date: 15 May 2023	
Data Checked By	Designat	Designation: Team Lead			Maypy		

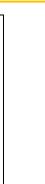
		Integrate	ed Developme	nt And A	sset M	anagement Pl	lan (IDAMP)	
			Muni	cipal Co	mmitte	e Jhang		
Form: IDAMP-A4			Water Asset Cond	Filtration		ent	Asset Co Date:	ode: 26-01-2023
	Name		Ŋ	Mohalla	Farooqi	a	Pic	ctures
	L	atitude	31.308111					
Location	Lo	ongitude		72.32	5079		11/1/19	1
-	Address	;	Ŋ	Mohalla	Farooqi	a	- F	
Insta	llation	Year		20	13		GASTEN	ACACA _
Insta	lling Ag	ency		PH	ED			
0&	M Ager	псу		MC J	hang			
Filtration Ca	pacity (	(Liter/Hour)		10	00			O Man Curicia
Opera	tional I	Hours		1	2		Jhang 885G- Lat 31	y, Punjab, Pakistan •45C, Jhang, Punjab, Pakistan 308111°
No	o. of Tap	ps		8	3		Google Long 27/01/	2.325079° 23 10:26 AM GMT +05:00
Effluent T				Not Av	ailable			
	rried ou	ıt?		Not Av	ailable			
_	which la			Not Av	ailable			
Findings a	of wate nalysis		Not Available					
the permis	In case of any parameter above the permissible limit, which steps are taken to provide safe		Not Available			885G- Lat 31	, Punjab, Pakistan 45C, Jhang, Punjab, Pakistan 308218*	
	water? ant Typ	e	RO UV			Google 27/01/	23 10:28 AM GMT +05:00	
	ce of W		Local Tube Well Public Water Supply			/		
Wor	king Sta	atus			n-Functional			
	nping U		Yes No			10 to		
Cor	ntrol Pa	nel	Yes No					
Ser	vice Ca	ble	<b>Yes</b> No					
Ultra	violet L	.amp	Yes	Yes No			A STATE OF THE STA	
Takeawa	y Hall C	Condition	Good	Fa	air	Poor		
<b>Building St</b>	ructure	Condition	Good	Fa	ir	Poor		, Punjab, Pakistan -WRR, Jhang, Punjab, Pakistan
Approach	to Pun	np House	Good	Fa		Poor	Lat 31	304849* '2.322038° 23 10:25 AM GMT +05:00
	1			Overa	II Rating			
Average Sco		1	2			3	4	5
Asset Condit		Excellent	Goo	d		Fair	Poor	Failing
Category	'	Α	В			С	D	Е
Remarks / Requirements      Non-functional as electricity bill was unpaid     Vessel, membrane, gauge meter and panel board need to be replaced								
<ul><li>Floor needs rehabilitation</li><li>Taps were missing</li></ul>								
		: Mr. Abdullah	Desig	ınation:	Team Member Julish			h

		Sign & Date: 15 May 2023
Data Checked By: Mr. M Fiaz	Designation: Team Lead	Marthy
		Sign & Date: 15 May 2023

	Integra	ated Develor	ment	And As	sset Managen	nent Pl	an (IDAMP)		
					nmittee Jhang				
Form: IDAMP-A4			ter Filt Conditi		Plant sessment		Asset Co	ode: 26-01-2023	
Nam	e		Milad	Chowl	<		Picture	5	
	Latitude		31.30	04880			14		
Location	Longitude		72.32	22074		1		111111111111111111111111111111111111111	
Addre	ess		Milad	Chowl	<				
Installatio	n Year		20	13					
Installing A	Agency		PH	IED			Marine Marine	O and the Country	
O&M Ag	gency		MC J	lhang			Jhang, Punjab, Pa		
Filtration Capacit	y (Liter/Hour)		10	000			883C+WRR, Jhang, Lat 31.304867°	Punjab, Pakistan	
Operationa	al Hours		1	.2		30	Long 72.322087° pogle 27/01/23 10:17 AM (	SMT +05:00	
No. of 1	Гарѕ			8					
Effluent Test (I	f Available)	No							
Latest water qua carried		Not Available							
If yes, which lab ar	nd parameters?	Not Available							
Findings of water q		Not Available							
In case of any par the permissible lim are taken to provi	nit, which steps	Not Available					To the Sancia		
Plant T	уре	RO UV			Jhang, Punjab, P 883C+WRR, Jhang Lat 31.304819°				
Source of	Water	Local Tube Well		blic Water Supply		Google 27,01/23 10:09 AM	GMT +05:00		
Working 9	Status	Functional Non-Functio		-Functional					
Pumping	Unit	Yes			No		A		
Control I		Yes		No					
Service (	Cable	Yes			No		•		
Ultraviole		<b>Yes</b> Good			No				
	Takeaway Hall Condition			air	Poor				
Building Structure Condition		Good	Fa	air	Poor		Jhang, Punjab, P 883C+WRR, Jhang	akistan	
Approach to Pump House		Good	Fa	air	Poor		883(4-WM, Jang) Lat 31.30485* Long 72.322065* 27/01/23 10:08 AM		
					Rating				
Average Score	1		2		3		4	5	
Asset Condition	Excellent	(	Good		Fair		Poor	Failing	
Category	Α		В		С		D	E	
			Remar	rks / R	equirements				

<ul><li>Non-functional from 3 months</li><li>Floor needs rehabilitation</li><li>Taps were missing</li></ul>		
Data Collected By: Mr. Abdullah	Designation: Team Member	Juloh Sign & Date: 15 May 2023
Data Checked By: Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023

		Integra	ted Developme	ent And A	Asset M	anagement Plar	ı (IDAMP)	
	Municipal Committee Jhang							
	Form: IDAMP-A4		Water Filtration Plant Asset Condition Assessment				Asset Code: Date: 26-01-2023	
Name				Lari .	Adda		Pictures	
	Latitude			31.28	38780			
Location	Longitud	е		72.32	24340			
Address				Lari .	Adda			
Installation Y	ear			20	)17			
Installing Age	ency			PH	IED		375 A	
O&M Agency				MC J	lhang			
Filtration Cap	acity (Lite	r/Hour)		20	000			
Operational H	lours			1	.2			
No. of Taps			8					
Effluent Test	(If Availab	le)	No			N OVE MOST SAMON		
Latest wate carried out?	er quality	y analysis	Not Available			Jhang Sadar, Punjab, Pakidan of ottorie this has no, has sadar, ann prige, mortrat, tent faccor fires there the damp. Parish, Patient to 3 seems		
If yes, which	lab and pa	rameters?	Not Available			27(41)(2) YOMB AM GAIT - (6500)		
Findings of w	•		Not Available					
In case of a the permissik are taken to p	ole limit, v	which steps	Not Available					
Plant Type			RO			UV		
Source of Wa	ter		Local Tube	Well	Public	Water Supply		
Working Stat	Working Status		Function	al	No	n-Functional		
Pumping Unit	Pumping Unit		Yes			No	Jhang Sadar, Punjab, Pakistan old Chrice Rd, Marzi Pura, Jhang Saddar, Janag,	
Control Panel		Yes			No	Purplet, 700°F-1078, Seath Rescot Pure Jharry Sader, Silmar, Purplet, Pelakters Last 31:280722* Large 72:334411*		
Service Cable		Yes			No	27/07/23 10/47 AM GMT +05/00		
Ultraviolet La	Ultraviolet Lamp		Yes			No		
Takeaway Ha	Takeaway Hall Condition		Good	Good Fair		Poor		
Building Struc	cture Cond	lition	Good	Fa	air	Poor		
Approach to	Pump Hou	se	Good	Fa	air	Poor		





Overall Rating						
Average Score	1	2	3	4	5	
Asset Condition	Excellent	Good	Fair	Poor	Failing	
Category	Α	В	С	D	E	

- Tank Leakage
- Door was missing
- Floor needs rehabilitation
- Taps were missing

Data Collected By: Mr. Abdullah	Designation: Team Member	Jufsh Sign & Date: 15 May 2023
Data Checked By: Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023

## **Integrated Development And Asset Management Plan (IDAMP)**

### Municipal Committee Jhang

Form: IDAMP-A4			Water Filtration Plant Asset Condition Assessment	
Name			Rasheed Chowk	
Location	Lat	itude	31.290210	
Location	Longitude		72.328672	
	Address		Rasheed Chowk	
Insta	allation Y	ear	2017	
Insta	lling Age	ncy	MC Jhang	
08	M Agend	у	MC Jhang	
Filtration Capacity (Liter/Hour)		iter/Hour)	2000	
Opera	ational Ho	ours	12	
N	o. of Taps	3	6	
Effluent 1	est (If Av	ailable)	No	
Latest water quality analysis carried out?		-	Not Available	
If yes, which lab and parameters?			Not Available	
Findings of water quality analysis?		quality	Not Available	



Asset Code:

**Pictures** 

In case of any parameter above the permissible limit, which steps are taken to provide safe water?	Not Available			
Plant Type	RO			UV
Source of Water	Local Tube	Local Tube Well		olic Water Supply
Working Status	Functional		Non-	-Functional
Pumping Unit	Yes		No	
Control Panel	Yes		No	
Service Cable	Yes		No	
Ultraviolet Lamp	Yes			No
Takeaway Hall Condition	Good	Fa	air	Poor
<b>Building Structure Condition</b>	Good	Fa	air	Poor
Approach to Pump House	Good	Fair		Poor





Overall Rating						
Average Score	1	2	3	4	5	
<b>Asset Condition</b>	Excellent	Good	Fair	Poor	Failing	
Category	Α	В	С	D	E	

- Non-functional from 1 month
- Replace dosing pump, electric breaker and entire panel board
- Filter Media was not working
- Floor needs rehabilitation
- Taps were missing

Data Collected By: Mr. Abdullah	Designation: Team Member	Jufoh Sign & Date: 15 May 2023		
Data Checked By: Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023		

Integrated Development And Asset Management Plan (IDAMP)								
	Municipal Committee Jhang							
Fori			Water Filtration Plant Asset Condition Assessment	Asset Code: Date: 26-01-2023				
Name			Shadab Colony	Pictures				
Location	Latitude		31.283958					
Location	Longitu	de	72.327682					
Address			Jail Road Shadab Colony					
Installation Year			2017					
Installing A	gency		Buildings Department					

O&M Agency			MC J	hang			
Filtration Capacity (Liter/Ho	ur)	2000					
Operational Hours		12					- " "
No. of Taps		8				1 400	
Effluent Test (If Available)			N	0			
Latest water quality ana	lysis						
carried out?		Not Available				TO OFF MAD CARDOL	
If yes, which lab	and		Not Av	ماطداند		Jhang	Sadar, Punjab, Pakistan
parameters?			NOUAV	dilabic		Lat 31.26 Long 72. 27/01/23	3958" 327682" 11:85 AM OMT +05:00
_	ality	Not Available				7	
analysis?							of the state of th
In case of any parameter al the permissible limit, w							
steps are taken to provide			Not Av	ailable			
water?	Juic						La Allen
Plant Type		RO			UV		The state of the s
Source of Water		Local Tube	Well	Public	Water Supp	ly	
Working Status		Function			n-Functional		
Pumping Unit		Yes			No	Jhang	Sadar, Punjab, Pakistan WALL 78MH+RSC, Jialabad Jhang
Control Panel		Yes			No		iang, Punjab, Pakistan 13958° 327682°
Service Cable		Yes			No	27/01/23	11:54 AM GMT +05:00
Ultraviolet Lamp		Yes		No			
Takeaway Hall Condition				air <b>Poor</b>			16
Building Structure Condition	)			air <b>Poor</b>			
Approach to Pump House		Good Fa		air <b>Poor</b>			Punjab, Pakistan B, Kachelry Rd, Theng, Punjab addom. 27/21 27/21 27/21 27/21 27/21 27/21
		Overall Rating					
Average Score 1		2			3	4	5
Asset Condition Exce		Goo	d		Fair	Poor	Failing
Category A	<u> </u>	В			С	D	E
Pipe Leakage							
<ul> <li>Vessel not working</li> <li>Floor needs rehabilitation</li> <li>Taps were missing</li> </ul>							
Data Collected By: Mr. Abdullah		Designation: Team Member		Juf 8 Sign & Date: 15 M			
Data Checked By: Mr. M Fiaz		Designation	on: Tear	n Lead		Sign & Date: 15 M	gy 2023

**Integrated Development And Asset Management Plan (IDAMP)** 

Name Latitude Location Latitude Longitude Rogitude Rogitu		Municipal Committee Jhang								
Latitude Longitude 17.3.53806 Address Sadiqabad, Satellite Town Installation Year 2017 Installing Agency PHED O&M Agency MC Jhang Filtration Capacity (Liter/Hour) Operational Hours No. of Taps Effluent Test (If Available) Latest water quality analysis carried out? If yes, which lab and parameters? Findings of water quality analysis? In case of any parameter above the permissible limit, which steps are taken to provide safe water? Plant Type RO UV Source of Water Verification Working Status Pumping Unit Ves No Service Cable Ves No Service Cable Ves No Service Cable Ves No Service Cable Other Ves No Service Cable Ves No Service Cable Ves No Service Cable Ves No Service Cable Ves No Approach to Pump House Good Fair Poor Approach to Pump House Finding Category A B C D E Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement • new bore required • Floor needs rehabilitation  Dato Collected By: Mr. Abdullah  Designation: Team Member	_	4							Asset	Code: Date: 26-01-2023
Location Address Sadiqabad, Satellite Town Installing Agency PHED O&M Agency PHED O&M Agency PHED OPERATION OF The Station Capacity (Liter/Hour) Operational Hours 12 No. of Taps Effluent Test (if Available) Latest water quality analysis carried out? If yes, which lab and parameter above the permissible limit, which steps are taken to provide safe water? Plant Type RO Source of Water Well Working Status Public Water Well Working Status Punctional Pumping Unit Yes No Service Cable Yes No Service Cable Yes No Building Structure Condition Good Pair Poor Building Structure Condition Good Pair Poor Building Structure Condition Category A B C D E Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement • new bore required • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member   Data Collected By: Mr. Abdullah  Designation: Team Member  Data Collected By: Mr. Abdullah  Designation: Team Member	Name				Sadio	qabad			Picture	es .
Longitude   72.353806   Address   Sadiqabad, Satellite Town   Installation Year   2017   Installing Agency   PHED   2000   O&M Agency   MC Jhang   Filtration Capacity (Liter/Hour)   2000   Operational Hours   12   No. of Taps   8   Effluent Test (If Available   No   Latest water quality analysis carried out?   If yes, which lab and parameters?   Not Available   Not Available   Incase of any parameter above the permissible limit, which steps are taken to provide safe water?   Plant Type   RO   UV   Source of Water   Well   Supply   Working Status   Functional   Non-Functional   Pumping Unit   Yes   No   Service Cable   Yes   No   Service Cable   Yes   No   Takeaway Hall Condition   Good   Fair   Poor   Approach to Pump House   Good   Fair   Poor   Approach to Pump House   Good   Fair   Poor   Failing   Category   A   B   C   D   E   Remarks / Requirements   Poor   Remarks / Requirements   Poor   Po	Li	atitude	9		31.2	50046				
Installation Year Installing Agency O&M Agency O&M Agency OMC Jhang Filtration Capacity (Liter/Hour) Operational Hours 12 No. of Taps Effluent Test (if Available) Latest water quality analysis carried out? If yes, which lab and parameters? Findings of water quality analysis? In case of any parameter above the permissible limit, which steps are taken to provide safe water? Plant Type RO UV Source of Water Well Supply Working Status Functional Non-Functional Pumping Unit Yes No Control Panel Yes No Takeaway Hall Condition Good Fair Poor Approach to Pump House Good Fair Poor Failing Category A B C D E Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement • new bore required • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member  WC DONO DOV  Mr. Abdullah  Designation: Team Member	Location	ongitu	de		72.3	53806		-		
Installing Agency PHED  O&M Agency MC Jhang  Fittration Capacity (Liter/Hour)  Operational Hours  No. of Taps  Effluent Test (if Available)  Latest water quality analysis carried out?  If yes, which lab and parameters?  Findings of water quality analysis?  In case of any parameter above the permissible limit, which steps are taken to provide safe water?  Plant Type  RO  UV  Source of Water  Well  Working Status  Functional  Pumping Unit  Yes  No  Service Cable  Yes  No  Service Cable  Yes  No  Takeaway Hall Condition  Approach to Pump House  Good  Fair  Poor  Building Structure Condition  Excellent  Good  Fair  Poor  Approach to Pump House  Overall Rating  Average Score  1  2  3  4  5  Asset Condition  Excellent  Good  Fair  Poor  Failing  Category  A  B  C  D  E  Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member   WC 12  DOOD  Overall Rating  Awarage Score 1  Poor  Failing  Data Collected By: Mr. Abdullah  Designation: Team Member	Address			Sadiqa	bad, S	Satellit	e Town			
O&M Agency Filtration Capacity (Liter/Hour) Operational Hours No. of Taps Reffluent Test (if Available) Latest water quality analysis carried out? If yes, which lab and parameters? Findings of water quality analysis? In case of any parameter above the permissible limit, which steps are taken to provide safe water? Plant Type RO UV Source of Water Well Supply Working Status Functional Pumping Unit Ves No Control Panel Yes No Service Cable Yes No Ultraviolet Lamp Takeaway Hall Condition Good Approach to Pump House Good Fair Poor Building Structure Condition Good Fair Poor Building Structure Condition Excellent Good Fair Poor Falling Average Score 1 2 3 4 5 Asset Condition Excellent Good Fair Poor Falling Category A B C D E Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement • new bore required • Floor needs rehabilitation	Installation Ye	ar		<u> </u>	20	)17		-		
Filtration Capacity (Liter/Hour)  Operational Hours  No. of Taps  8  Effluent Test (If Available)  Latest water quality analysis carried out?  If yes, which lab and parameters?  Findings of water quality analysis?  In case of any parameter above the permissible limit, which steps are taken to provide safe water?  Plant Type  RO  Uv  Source of Water  Well  Supply  Working Status  Functional  Pumping Unit  Yes  No  Control Panel  Yes  No  Control Panel  Yes  No  Takeaway Hall Condition  Good  Fair  Poor  Approach to Pump House  Good  Fair  Poor  Approach to Pump House  Good  Fair  Average Score  1  2  3  4  5  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member  Woll  Latest water?  No  No  No  Not Available  Not A	Installing Ager	ncy			PH	HED		41		
Filtration Capacity (Liter/Hour)  Operational Hours  No. of Taps  8  Effluent Test (If Available)  Latest water quality analysis carried out?  If yes, which lab and parameters?  Findings of water quality analysis?  In case of any parameter above the permissible limit, which steps are taken to provide safe water?  Plant Type  RO  Uv  Source of Water  Well  Supply  Working Status  Functional  Pumping Unit  Yes  No  Control Panel  Yes  No  Control Panel  Yes  No  Takeaway Hall Condition  Good  Fair  Poor  Approach to Pump House  Good  Fair  Poor  Approach to Pump House  Good  Fair  Average Score  1  2  3  4  5  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member  Woll  Latest water?  No  No  No  Not Available  Not A	O&M Agency				MC.	Jhang				C) GPS Man Camera
Operational Hours  No. of Taps  Effluent Test (If Available) Latest water quality analysis carried out?  If yes, which lab and parameter above the permissible limit, which steps are taken to provide safe water?  Plant Type  RO  Local Tube Public Water Supply  Working Status  Functional Pumping Unit Puss No Control Panel Service Cable Ves No Ultraviolet Lamp Yes No Takeaway Hall Condition  Approach to Pump House  Good Fair Poor  Building Structure Condition Approach to Pump House  Good Fair Poor  Average Score  1 2 3 4 5 Asset Condition Excellent Good Fair Poor Failing Category A B C Designation: Team Member  Data Collected By: Mr. Abdullah  Designation: Team Member  Wall Stabus Poor Designation: Team Member  Awaramatic Abdullah  Designation: Team Member  Jordan Addition Jordan Addition  Designation: Team Member  Jordan Addition  Jordan Addition		acity (L	iter/Hour)							
Ro. of Taps  Effluent Test (If Available)  Latest water quality analysis carried out?  If yes, which lab and parameters?  Findings of water quality analysis?  In case of any parameter above the permissible limit, which steps are taken to provide safe water?  Plant Type  RO  Local Tube Public Water Supply  Working Status  Functional Non-Functional  Pumping Unit  Yes  No  Control Panel  Yes  No  Takeaway Hall Condition  Good Fair Poor  Building Structure Condition  Good Fair Poor  Building Structure Condition  Good Fair Poor  Approach to Pump House  Good Fair Poor  Average Score  1  2  3  4  5  Asset Condition  Excellent  Good Fair Poor  Failing  Category  A  B  C  D  E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member   Wold Available  Not			. ,		1	L2				nang, Punjab, Pakistan
Effluent Test (If Available) Latest water quality analysis carried out? If yes, which lab and parameters? Findings of water quality analysis? In case of any parameter above the permissible limit, which steps are taken to provide safe water? Plant Type  Source of Water  Working Status  Pumping Unit  Control Panel  Service Cable  Ultraviolet Lamp  Takeaway Hall Condition  Approach to Pump House  Good  Fair  Poor  Approach to Pump House  Good  Fair  Asset Condition  Excellent  Good  Fair  Good  Fair  Foor  Apsender Fair  Foor  Asset Condition  Excellent  Good  Fair  Foor  Remarks / Requirements  Membrane, Panel board, butterfly valve, golden pump needs replacement  Not Available  Not Availa						8		Goog	THE RESERVE OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW	GMT +05:00
Latest water quality analysis carried out?  If yes, which lab and parameters?  Findings of water quality analysis?  Not Available  Not A		If Avai	lable)					1	and Palesti	Chick Assistant
Carried out?  If yes, which lab and parameters? Findings of water quality analysis?  In case of any parameter above the permissible limit, which steps are taken to provide safe water?  Plant Type  RO  Local Tube Well Supply Working Status Functional Pumping Unit Yes No  Control Panel Yes No  Service Cable Yes No  Ultraviolet Lamp Yes No  Takeaway Hall Condition Good Fair Poor  Building Structure Condition Good Fair Poor  Approach to Pump House Good Fair Poor  Asset Condition Excellent Good Fair Poor  Asset Condition Excellent Good Fair Poor Failing Category A B C D E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement • new bore required • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member   Not Available  Not A			-				_			
Parameters? Findings of water quality analysis? In case of any parameter above the permissible limit, which steps are taken to provide safe water? Plant Type RO UV Source of Water Well Supply Working Status Functional Non-Functional Pumping Unit Yes No Control Panel Yes No Service Cable Ultraviolet Lamp Yes No Ultraviolet Lamp Yes No Building Structure Condition Building Structure Condition Good Fair Poor Approach to Pump House Good Fair Poor Approach to Pump House Good Fair Poor  Average Score 1 2 3 4 5  Asset Condition Excellent Good Fair Poor Failing Category A B C D E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement • new bore required • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member		•	- •		NOT A	vallabl	е		and and	1
Findings of water quality analysis?  In case of any parameter above the permissible limit, which steps are taken to provide safe water?  Plant Type  RO  Local Tube Public Water Supply  Working Status  Functional Non-Functional Pumping Unit  Yes No  Control Panel  Service Cable  Ves No  Ultraviolet Lamp  Takeaway Hall Condition  Good Fair Poor  Building Structure Condition  Good Fair Poor  Building Structure Condition  Good Fair Poor  Approach to Pump House  Good Fair Poor  Overall Rating  Average Score  1  2  3  4  5  Asset Condition Excellent  Good Fair Poor Failing  Category  A  B  C  D  E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation	,,	nich	lab and	1	Not A	vailabl	e		337	
analysis?  In case of any parameter above the permissible limit, which steps are taken to provide safe water?  Plant Type  RO  Local Tube Public Water Supply  Working Status  Functional Non-Functional Pumping Unit  Ves  No  Control Panel  Service Cable  Ultraviolet Lamp  Takeaway Hall Condition  Approach to Pump House  Overall Rating  Average Score  1  2  3  4  5  Asset Condition  Excellent  Good  Fair  Poor  Overall Rating  Category  A  B  C  D  E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member   Wu  Value  Not Available  Public Water  Supply  Public Water  Supply  Public Water  Supply  Public Water  Supply  Non-Functional  Non-Functional  Non-Functional  Non-Functional  Pumping Unit  Yes  No  Overall Rating  Average Score  1  2  3  4  5  Asset Condition  Excellent  Good  Fair  Poor  Failing  Category  A  B  C  D  E  Remarks / Requirements  • Nembrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation	-									A L
In case of any parameter above the permissible limit, which steps are taken to provide safe water?  Plant Type  RO  Local Tube Well  Source of Water  Well  Working Status  Pumping Unit  Yes  No  Control Panel  Yes  No  Ultraviolet Lamp  Takeaway Hall Condition  Building Structure Condition  Approach to Pump House  Good  Fair  Poor  Approach to Pump House  Overall Rating  Average Score  1  2  3  4  5  Asset Condition  Excellent  Good  Fair  Poor  Failing  Category  A  B  C  D  E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member	_	wate	r quality	I	Not A	vailabl	e		100	
the permissible limit, which steps are taken to provide safe water?  Plant Type  RO  Local Tube Well Supply  Working Status Pumping Unit Pumping Unit Pumping Unit Permissible  Ves No  Service Cable Ultraviolet Lamp Takeaway Hall Condition  Building Structure Condition  Approach to Pump House Good Fair Poor  Approach to Pump House Good Fair Asset Condition  Excellent Good Fair Poor  Asset Condition Facellent Good Fair Poor  Asset Condition Facellent Good Fair Poor  Asset Condition Facellent Good Fair Poor Failing Category A B C D E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement • new bore required • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member	-	paramo	eter above						1.	
steps are taken to provide safe water?  Plant Type  Source of Water  Supply  Working Status  Functional  Pumping Unit  Control Panel  Service Cable  Ultraviolet Lamp  Takeaway Hall Condition  Building Structure Condition  Approach to Pump House  Good  Fair  Overall Rating  Average Score  1  2  3  4  5  Asset Condition  Excellent  Good  Fair  Poor  Failing  Category  A  B  C  D  E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member  Well  Supply  Public Water Supply  No  No  No  Ron  Functional  Non-Functional  Non-Functional  Non-Functional  Poor  No  No  Service Cable  Yes  No  Overall Rating  A 5  Asset Condition  Excellent  Good  Fair  Poor  Failing  Category  A  B  C  D  E   Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member		-		Not Available					OPS Map Cuencia	
Plant Type  Source of Water  Supply  Working Status  Functional  Pumping Unit  Yes  No  Control Panel  Service Cable  Ultraviolet Lamp  Takeaway Hall Condition  Building Structure Condition  Approach to Pump House  Overall Rating  Average Score  1 2 3 4 5  Asset Condition  Excellent  Good  Fair  Poor  Overall Rating  Category  A B C D E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member  WW  Public Water  Supply  Public Water  Supply  No  Foo  Foo  Foo  Fair  Poor  Foo  Failing  Category  A B C D E   Data Collected By: Mr. Abdullah  Designation: Team Member	steps are take	n to pr	ovide safe					69X3+WPF, Baste Roa	id, Naya Shehar,	
Source of Water    Control Status   Functional   Non-Functional									Long 72.353806°	MT +05:00
Well Supply Working Status Functional Non-Functional Pumping Unit Yes No Control Panel Service Cable Yes No Ultraviolet Lamp Takeaway Hall Condition Good Fair Poor Building Structure Condition Good Fair Poor Approach to Pump House Good Fair Poor  Overall Rating  Average Score 1 2 3 4 5  Asset Condition Excellent Good Fair Poor Failing Category A B C D E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement • new bore required • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member  Well Supply Non-Functional No	Plant Type									
Working Status  Functional Non-Functional Pumping Unit  Ves No Control Panel Service Cable Ves No Ultraviolet Lamp Takeaway Hall Condition Good Fair Poor Building Structure Condition Good Fair Poor Approach to Pump House Good Fair Poor  Overall Rating  Average Score 1 2 3 4 5  Asset Condition Excellent Good Fair Poor Failing Category A B C D E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement • new bore required • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member	Source of Wat	er								
Pumping Unit Control Panel Yes No Service Cable Yes No Ultraviolet Lamp Takeaway Hall Condition Building Structure Condition Approach to Pump House Good Fair Poor Approach to Pump House  Overall Rating  Average Score 1 2 3 4 5 Asset Condition Excellent Good Fair Poor Failing Category A B C D E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement • new bore required • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member	Working Statu	ıs					Water-Teera			
Control Panel  Service Cable  Yes  No  Ultraviolet Lamp  Takeaway Hall Condition  Building Structure Condition  Approach to Pump House  Good  Fair  Overall Rating  Average Score  1  2  3  4  5  Asset Condition  Excellent  Good  Fair  Poor  Failing  Category  A  B  C  D  E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member										
Service Cable  Ultraviolet Lamp  Takeaway Hall Condition  Building Structure Condition  Approach to Pump House  Good  Fair  Poor  Overall Rating  Average Score  1  2  3  4  5  Asset Condition  Excellent  Good  Fair  Poor  Failing  Category  A  B  C  D  E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member							Total Control of the			
Ultraviolet Lamp Takeaway Hall Condition Good Fair Poor Building Structure Condition Good Fair Poor Approach to Pump House Good Fair Poor  Overall Rating  Average Score 1 2 3 4 5  Asset Condition Excellent Good Fair Poor Failing Category A B C D E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement • new bore required • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member  Web Take No Too Too Too Too Too Too Too Too Too							_			
Takeaway Hall Condition Good Fair Poor Building Structure Condition Good Fair Poor  Approach to Pump House Good Fair Poor  Overall Rating  Average Score 1 2 3 4 5  Asset Condition Excellent Good Fair Poor Failing  Category A B C D E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member  Was storator, Purple, Pakelaran Language Score Poor  Remarks / Poor  Failing  Coverall Rating  A 5  Asset Condition Excellent Good Fair Poor  Failing  Category A B C D E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation		mn							NIE Z	
Building Structure Condition Good Fair Poor  Approach to Pump House Good Fair Poor  Overall Rating  Average Score 1 2 3 4 5  Asset Condition Excellent Good Fair Poor Failing  Category A B C D E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation  Data Collected By: Mr. Abdullah Designation: Team Member  Weight Structure Condition Poor  Fair Poor  Failing  C D E   Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation		-	ition		F:	l air			Naya Shehar, Pu	unjab, Pakistan d. Nava Shehar,
Approach to Pump House Good Fair Poor  Overall Rating  Average Score 1 2 3 4 5  Asset Condition Excellent Good Fair Poor Failing  Category A B C D E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement  • new bore required  • Floor needs rehabilitation  Data Collected By: Mr. Abdullah Designation: Team Member									Jhang, Punjab, Pakist Lat 31.250023* Long 72.353798*	an
Average Score 1 2 3 4 5  Asset Condition Excellent Good Fair Poor Failing Category A B C D E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement • new bore required • Floor needs rehabilitation  Data Collected By: Mr. Abdullah Designation: Team Member									27/01/23 01:25 PM GR	WT +05:00
Average Score 1 2 3 4 5  Asset Condition Excellent Good Fair Poor Failing  Category A B C D E  Remarks / Requirements  • Membrane, Panel board, butterfly valve, golden pump needs replacement • new bore required • Floor needs rehabilitation  Data Collected By: Mr. Abdullah Designation: Team Member				3000						
Asset Condition	Average Sco	ore	1						4	5
Category A B C D E  Remarks / Requirements  Membrane, Panel board, butterfly valve, golden pump needs replacement new bore required Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member										
Remarks / Requirements  Membrane, Panel board, butterfly valve, golden pump needs replacement new bore required Floor needs rehabilitation  Data Collected By: Mr. Abdullah  Designation: Team Member	Category		Α				D	_		
<ul> <li>Membrane, Panel board, butterfly valve, golden pump needs replacement</li> <li>new bore required</li> <li>Floor needs rehabilitation</li> </ul> Data Collected By: Mr. Abdullah Designation: Team Member	<i>5 7</i>			R	emar	ks / Ro	equirement	S		
<ul> <li>new bore required</li> <li>Floor needs rehabilitation</li> </ul> Data Collected By: Mr. Abdullah Designation: Team Member	Memb	orane, l	Panel board				-		lacement	
Data Collected By: Mr. Abdullah Designation: Team Member			•	-						
	• Floor r	needs ı	rehabilitatio	on						
	Data Collected By: Mr. Abdullah			Designation: Team Member				0		

Data Checked By: Mr. M Fiaz	Designation: Team Lead	Marifar
		Sign & Date: 15 May 2023

		Integrated					Plan (IDAMP)	
			Munic	ipal Co	mmitte	ee Jhang		
Form:	:		Water I	iltratio	n Plan	t	Asse	t Code:
IDAMP-	A4		Asset Cond	lition A	ssessn	ent		Date: 26-01-2023
Name				Behari	Colony	1	Pi	ctures
Location	Latitud	de		31.26	57302			
Location	Longit	ude		72.30	)5853			10
Address				Behari	Colony	1	- 03	
Installation Y	/ear			20	13			
Installing Age	ency			PH	ED		THE STATE	
O&M Agency	/			MC J	hang			
Filtration		Capacity		10	00			
(Liter/Hour)							Nay 7982-	a Shehar, Punjab, Pakistan
Operational	Hours				.2		Satelii La: 31 1.00g 2	e Town, Neye Stietner, Jhang, Punjeb, Pakistan 28/30/95 23/30/734* 23 12:49 PM GMT +05:00
No. of Taps				8	3		Google	SO REASE OF THE OWN TO SOME
Effluent Test				N	lo			
Latest water	r quali	ty analysis		Not Av	ailable			THE STATE OF THE S
carried out?							AP Sup lane area	neutro (
• •	vhich	lab and		Not Av	ailable		1 17	TAMORE S
parameters? Findings of	wat	er quality						
analysis?	wat	ei quality	Not Available					
In case of	anv	parameter						
above the	-	-						OPS May Collects
which steps	-	-	Not Available				Jna 12u W Blook	ng, Punjab, Pakistan seem Shaheed Road, Behari Colony U Satelite Town, Jhang, Punjab, Pakistan
provide safe	water	?				Google Long 27/01	72.350853° 23.12:51 PM GMT +05:00	
Plant Type			<b>RO</b> UV					
Source of Wa	ator		Local Tube	Woll	Pu	blic Water		
Source or wa	atei		Local Tube	weii		Supply	1 1 1 1 3	
Working Stat			Function	al	Nor	-Functional		
Pumping Uni			Yes			No		
Control Pane			Yes			No		
Service Cable	9		Yes	Yes No				
Ultraviolet La	•		Yes			No		
Takeaway Ha		+	Good <b>Fair</b> Poor		Jhal	ng, Punjab, Pakistan Behan Colony Block U Satellite Town,		
	ilding Structure Condition		Good		air	Poor	Lat 3	I, Punjab, Pakistan .267481° 72.350723°
Approach to	Pump	House	Good		air	Poor	Google 27.01	/23 12:49 PM GMT +05:00
				Overa	II Ratin	_		
Average Sco		1	2			3	4	5
<b>Asset Condit</b>	ion	Excellent	Goo	d		Fair	Poor	Failing
Category		Α	В			С	D	E
				arks / F	Require	ements		
<ul><li>Non-</li></ul>	-functio	onal from 1 r	month					

Bore closed						
<ul> <li>RO machinery, pressure pu</li> </ul>	ımp, Dosing Pump, Panel Board, Bib	Cork needs replacement				
<ul> <li>Floor needs rehabilitation,</li> </ul>	Taps were missing					
Data Collected By: Mr. Abdullah  Designation: Team Member  Sign & Date: 15 May 2023						
Data Checked By: Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023				

		Integrat	ed Develonme	nt And A	Asset M	anagement Pla	n (IDAMP)
		integrat		cipal Co			ii (IDAMI)
Form IDAMP	-	•	Water Asset Cond	Filtratio dition A		ent	Asset Code: Date: 26-01-2023
Name			Fa	isalabad	d Jalalak	ad	Pictures
Location	Latitude			31.28	30209		
Location	Longitud	le		72.32	29305		
Address			Fa	isalabad	d Jalalab	ad	
Installation Y	'ear			20	006		
Installing Age	ency			C8	kW		
O&M Agency	,			MC J	lhang		AL PAGE
Filtration Cap	pacity (Lite	er/Hour)		20	000		
Operational I	Hours			1	.2		
No. of Taps			8				
Effluent Test	(If Availa	ble)	No			The state of the s	
Latest wate carried out?	er quality	y analysis		Not Av	/ailable		Jhang Sadar, Punjab, Pakistan 7844-w07, Jasaked Jhang Saide, Jhang, Punja, Pakistan ka st 32,80925 2,722,723,724,725
If yes, which	lab and pa	arameters?	Not Available				Google 27/01/23 11:15 AM OMT +05:00
Findings o analysis?	f wate	r quality		Not Av	/ailable		900
the permissib	In case of any parameter above the permissible limit, which steps are taken to provide safe water?			Not Available			
Plant Type	provide s	ale water:	RO			UV	
Source of Wa	nter		Local Tube	Well	Public	: Water Supply	
Working Stat			Function			n-Functional	
Pumping Uni			Yes	Yes No		Jhang Sadar, Punjab, Pakistan Umamed Road, Jalabad Jhang Sadar,	
Control Pane			Yes No		Jhong, Pupilab, Pekistan Let 31 280216* Congress		
Service Cable	<u> </u>		Yes No		27/01/23 11:13 AM GMT 405:00		
Ultraviolet La	amp		Yes No				
Takeaway Ha	•	on	Good <b>Fair</b> Poor				
Building Stru			Good	Fa	air	Poor	
Approach to			Good	Fa	air	Poor	



				Jhang, Lat 31 2 Long 72	d Road, Julabad Jhang Sadar, Punjab, Pakistan 80168° 3.29489° 11116 AM OMT +05:00		
Overall Rating							
Average Score	1	2	3	4	5		
Asset Condition	Excellent	Good	Fair	Poor	Failing		
Category	Α	В	С	D	E		

- Non-functional from 1 month
- Pump Leakage
- all machinery needs to be replaced,
- Floor needs rehabilitation,
- Taps were missing

analysis?

Data Collected By: Mr. Abdullah	Designation: Team Member	Jufoh Sign & Date: 15 May 2023
Data Checked By: Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023

### **Integrated Development And Asset Management Plan (IDAMP)**

	Municipal Committee					
Form: IDAMP-A4			Water Filtration Plant Asset Condition Assessment			
Name			MC Office			
Location	Latitud	e	31.278869			
LOCATION	Longitu	de	72.313138			
Address			Circular Road, Near Tanga Adda			
Installation	Year		2006	4		
Installing Ag	gency		EPD	1		
O&M Agend	у		MC Jhang	1		
Filtration Ca	pacity (L	iter/Hour)	2000	5		
Operational	Hours		12	3		
No. of Taps			8			
Effluent Tes	t (If Avai	lable)	No			
Latest water quality analysis carried out?		y analysis	Not Available	G		
If yes, parameters	which ?	lab and	Not Available			
Findings of water quality		r quality	Not Available			



**Pictures** 

**Asset Code:** 

Date: 26-01-2023

Not Available

In case of any parameter above the permissible limit, which steps are taken to provide safe water?	Not Available			e
Plant Type	RO			UV
Source of Water	Local Tu Well	be		olic Water Supply
<b>Working Status</b>	Function	nal	Non-Functional	
Pumping Unit	Yes		No	
Control Panel	Yes			No
Service Cable	Yes		No	
Ultraviolet Lamp	Yes			No
Takeaway Hall Condition	Good	Fá	air	Poor
<b>Building Structure Condition</b>	Good	Fá	air	Poor
Approach to Pump House	Good	Fá	air	Poor





Overall Rating							
Average Score	1	2	3	4	5		
Asset Condition	Excellent	Good	Fair	Poor	Failing		
Category	Α	В	С	D	Е		

- Filter Media was not working
- Filter box with frame needs replacement
- Floor needs rehabilitation

Data Collected By: Mr. Abdullah	Designation: Team Member	Julih Sign & Date: 15 May 2023
Data Checked By: Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023

D.	Water Supply Network					
Sr #	Dia	Length (meter)	Age (Years)	Condition	Material	Book Value (PKR Mil)
2	4"	244	37		AC	0
3	6"	1874	37		AC	0
4	8"	671	37	Failing	AC	0
5	10"	274	37		AC	0
6	12"	457	37		AC	0

	Integrated	Develo	oment And	Asset Manage	ment Plan (IDA	MP)			
		N	/lunicipal C	ommittee Jhar	ng				
Form: IDAMP-A5	Water Supply Network Asset Condition Assessment					Asset Co Da	de: te: 26-01-2023		
Description			Area (Acres)	Area (Acres) w.r.t MC Boundary	Percentage w.r.t MC Boundary	Built-up Area (Acres)	Percentage w.r.t Built- up Area		
Served	d Area		639		6		11		
Contamin			-	10,045	-	5621			
Water Sho			-	10,0 13	-	3021			
Unserve	ed Area		4,982		49		89		
Latest water quali		Yes			No				
If yes, which lab	If yes, which lab and parameters?				Not Available				
Findings of water	quality analy	sis?	Not Available						
In case of any para permissible limit of are taken to prov water to the	PEQSs, which vide safe drinl	steps			Not Available				
Any complai contamination re consu	eceived from	the	Yes No				No		
If yes, which step resolve the		to		Not Available					
Pipe Dia (inches)	Pipe Material	Len	gth (ft)	Yea	r of Laying	4	Age of Pipe		
3	-		-		-		-		
4	A.C		800		1986		37 Years		
6	A.C		5150		1986		37 Years		
8	A.C		2200		1986		37 Years		
10					1986		37 Years		
12	A.C	1	L500		1986		37 Years		
	Remarks / Requirements								
As per bench m  Data Collected By: N	ignation: Team Member  Julish			^					
J									

		Sign & Date: 15 May 2023
Data Checked By: Mr. M Fiaz	Designation: Team Lead	Mushry Sign & Date: 15 May 2023

# E. Vehicles/ Machinery

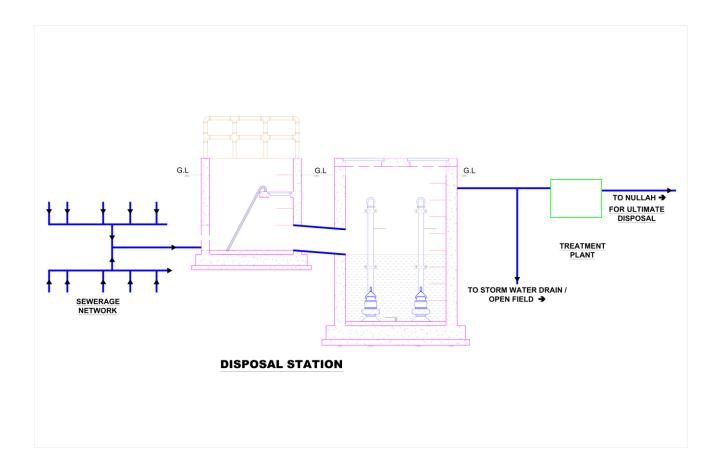
Sr #	Name	Registration Number	Age (Years)	Condition	Status	Book Value (PKR Mil)	Capacity
1	Water Bowser	JGG 1053	17	Good	Functional	0.4	85 Hp
2	Water Bowser	JGG 1054	17	good	Functional	0.4	85 Hp

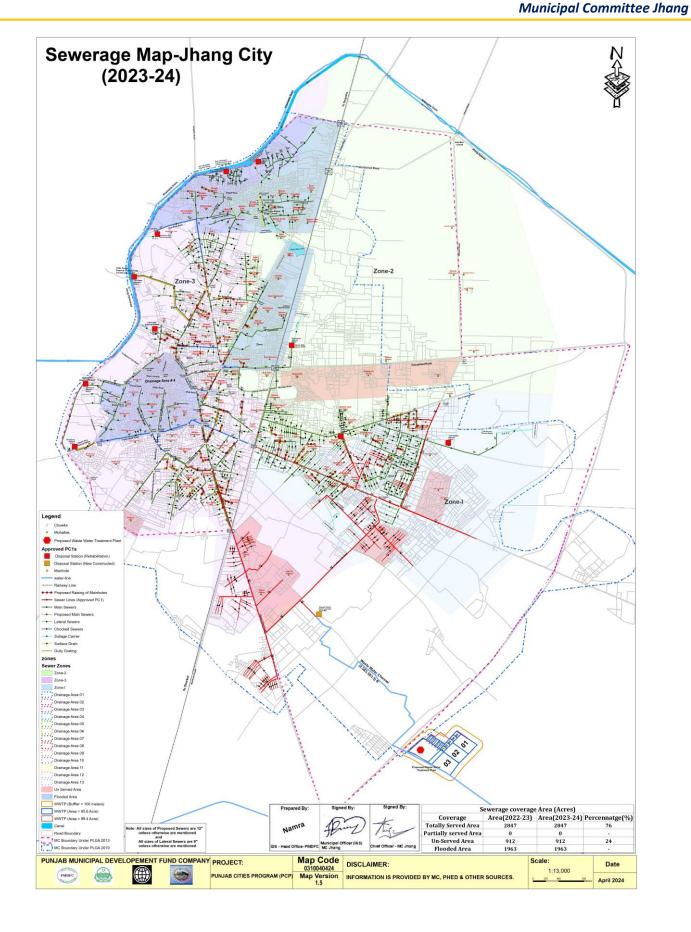
Integrated Development and Asset Management Plan (IDAMP)										
	Municipal Committee Jhang									
Form: Moveable Asset Asset Code:										
IDAMP-A16		Asset Condition Assessment	Date: 27-03-2023							
Type of Vehicle / Machinery		Pictures								
Water Bowser										
		Water Bowser No.1	Water Bowser No. 2							
Capacity		500 gallons	500 gallons							
Purpose		Water Supply	Water Supply							
Year of Manufacturin	ng	2006	2006							
Model		FIAT NH 640	FIAT NH 640							
Capital Cost		Not Available	Not Available							
Fuel Consump (Liters/month)	otion	300	80							
Condition										
Engine Capacity		85hp	85hp							
Maintenance Cost		Not Available	Not Available							
Oiling /Fitness		Yes	Yes							
Fitness Certificate		No	No							
Registered		JGG 1053	JGG 1054							
Overall Rating		Good	Good							
		Remarks / Requirements								
These vehicles already out lived their lives but functioning.										
Data Collected By: Mr. Abdullah  Designation: Team Member  Sign & Date: 15 May 2023										

Data Checked By: Mr. M Fiaz	Designation: Team Lead	Months
		Sign & Date: 15 May 2023

# 2. Sewerage

# 2.1 Key Components of Sewerage System





# B. Sewerage Network

Sr #	Dia	Length (meter)	Age (Years)	Condition	Book Value (PKR Mil)	Material
1	9"	788			0.18	
2	12"	671			0.17	
3	15"	547			0.17	
4	18"	368			0.13	
5	21"	304			0.13	
6	24"	254			0.13	
7	27"	240			0.18	
8	30"	398			0.38	
9	33"	219			0.24	
10	36"	1009	9	Excellent	1.24	RCC
11	12"	324			0.08	
12	15"	153			0.05	
13	18"	317			0.11	
14	21"	147			0.06	
15	24"	146			0.08	
16	27"	148			0.11	
17	30"	297			0.28	
18	12"	185			0.05	
19	15"	293			0.09	

Sr	Dia	Length	Age (Years)	Condition	Book Value	Material
#	2.0	(meter)	7.80 (100.0)	Contaition	(PKR Mil)	maceria.
20	18"	194			0.07	
	9"	2.047			0.07	
21	15"	2,847			0.05	
22	18"	589 551			0.03	
23	21"				0.04	
24	24"	1,573	38	Failing	0.045	
25	27"	1,024 488			0.01	
26	30"	1,053			0.01	
27	30	1,055			1.53	
28	9"	6,247			0.72	
29	12"	2,573			0.96	
30	15"	2,807			0.56	
31	18"	1,494			0.78	
32	21"	1,639			0.22	
33	24"	384	8	Excellent	0.17	
34	27"	213			0.98	
35	30"	958			1.68	
36	33"	1,413			1.33	
37	36"	1,009			3.55	
38	42"	2,076			0	
39	15"	604			0	
40	18"	619			0	
41	21"	605	47	Failing	0	
42	24"	296			0	
43	27"	968			0.03	
44	9″	317	31	Failing	0.00	
45	15"	80		6	0.00	

Sr #	Dia	Length (meter)	Age (Years)	Condition	Book Value (PKR Mil)	Material
46	18"	944			0.01	
47	24"	374			0.00	
48	27"	285			0.00	
49	33"	718			0.01	
50	36"	1181			0.03	
51	42"	325			0.01	
52	9"	7,181			1.01	
53	12"	6,234			0.99	
54	15"	7,573			1.48	
55	18"	3,255			0.69	
56	21"	4,073			1.11	
57	24"	4,383	17	Fair	1.43	
58	27"	2,767			1.25	
59	30"	392			0.23	
60	33"	387			0.26	
61	36"	1,914			1.44	
62	42"	1,453			1.42	
63	9"	12,956			0.05	
64	12"	1,347			0.01	
65	15"	645	31	Failing	0.00	
66	18"	320			0.00	
67	21"	318			0.00	

Sr #	Dia	Length (meter)	Age (Years)	Condition	Book Value (PKR Mil)	Material
68	24"	410			0.00	
69	27"	612			0.01	
70	9"	10,406			0	
71	12"	2,351	48	Failing	0	
72	15"	1,053	40	raililig	0	
73	18"	833			0	
74	9"	4,158			0.13	
75	12"	174	19	Fair	0.01	
76	15"	237			0.01	
77	9"	1,279			0.02	
78	12"	754			0.01	
79	15"	1,258	28	Failing	0.02	
80	18"	660			0.01	
81	21"	324			0.01	
82	24"	1,374			0.04	

	Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Jhang									
Form: IDAMP-A6		Sewerage Network Asset Condition Assessment				Asset Code: Date: 26-01-2023			
Descr	iption	Area (Acres)	Area (Acres) w.r.t MC Boundary	Percent w.r.t N Bound	MC Area	•	Percentage w.r.t Built- up Area		
Serve	d Area	2,847		28			50		
Floode	d Area	1,863	10,045	20			33		
Unserv	ed Area	912		9			17		
received to I	er of complaints MC regarding e system?			300/Mc	onth				
•	ered by MC to complaints	Not Available							
Name of Dis	posal Station	Goghaywala							
Pipe Dia (inches)	Pipe Material	Length (ft)	No.		Year of Laying		Age of Pipe		
9	RCC	2,584	52		2014-16		7-9 Years		
12	RCC	2,202	22		2014-16		7-9 Years		

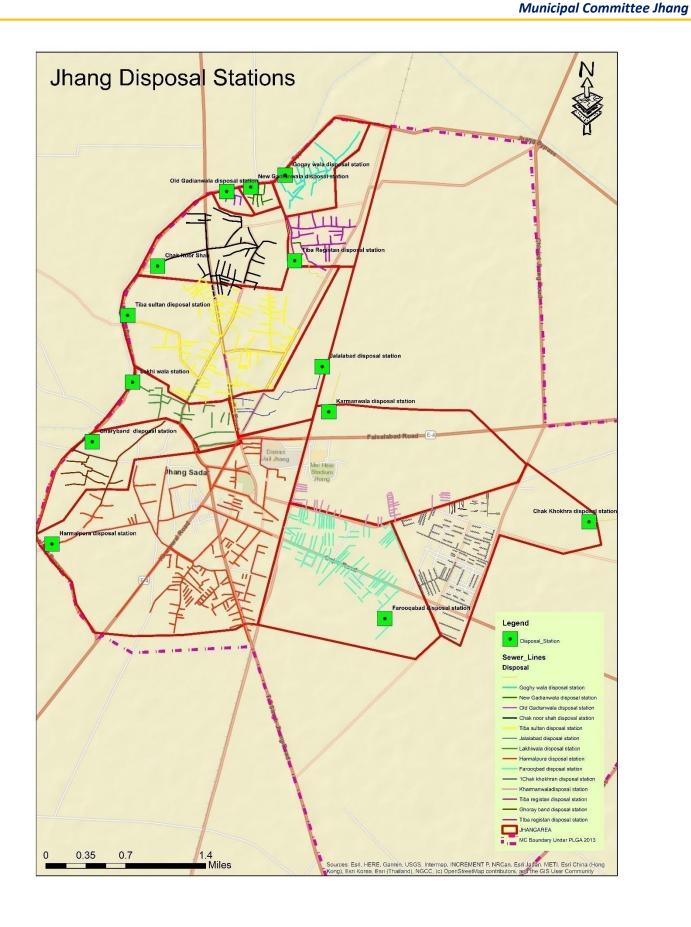
Integrated Development And Asset Management Plan (IDAMP)									
Municipal Committee Jhang									
Form:		Sewerage Net	work	Asset	Code:				
IDAMP-A6		Asset Condition As	sessment		Date: 26-01-2023				
15	RCC	1,795	12	2014-16	7-9 Years				
18	RCC	1,209	6	2014-16	7-9 Years				
21	RCC	996	4	2014-16	7-9 Years				
24	RCC	834	3	2014-16	7-9 Years				
27	RCC	788	3	2014-16	7-9 Years				
30	RCC	1,307	4	2014-16	7-9 Years				
33	RCC	718	2	2014-16	7-9 Years				
36	RCC	3,309	11	2014-16	7-9 Years				
Name of Dis	posal Station	New Gadianwa	la						
Pipe Dia	Pipe Material	Length (ft)	No. of	Year of Laying	Age of Pipe				
(inches)	r ipe iviateriai	Length (it)	Manholes	Teal of Laying	Age of Fipe				
9	-	-	-	-	-				
12	RCC	1,064	11	2014-16	7-9 Years				
15	RCC	501	3	2014-16	7-9 Years				
18	RCC	1,040	5	2014-16	7-9 Years				
21	RCC	481	2	2014-16	7-9 Years				
24	RCC	478	2	2014-16	7-9 Years				
27	RCC	487	2	2014-16	7-9 Years				
30	RCC	976	3	2014-16	7-9 Years				
	posal Station	Old Gadianwala							
Pipe Dia	Pipe Material	Length (ft)	No. of	Year of Laying	Age of Pipe				
(inches)	T I PC TITUTE TO THE	20118011 (110)	Manholes		7.65 511.165				
9	-	-	-	-	-				
12	RCC	608	6	2014-16	7-9 Years				
15	RCC	962	6	2014-16	7-9 Years				
18	RCC	637	3	2014-16	7-9 Years				
	posal Station	Chak Noor Shal							
Pipe Dia	Pipe Material	Length (ft)	No. of	Year of Laying	Age of Pipe				
(inches)	, ncc		Manholes						
9	RCC	9,342	187	1985-86	37-38 Years				
12 15	- RCC	1 024	- 12	1005.00	- 27 20 Vasus				
		1,934	13	1985-86	37-38 Years				
18 21	RCC RCC	1,807 5,161	9 21	1985-86 1985-86	37-38 Years 37-38 Years				
24	RCC	3,361	13	1985-86	37-38 Years 37-38 Years				
27	RCC	1,601	5	1985-86	37-38 Years 37-38 Years				
30	RCC	3,456	12	1985-86	37-38 Years				
	posal Station	Tiba Sultan	12	1303-00	37-30 16013				
Pipe Dia	posar Station	riba Sultaii	No. of						
(inches)	Pipe Material	Length (ft)	Manholes	Year of Laying	Age of Pipe				
9	RCC	20,495	410	2015-16	7-8 Years				
12	RCC	8,442	84	2015-16	7-8 Years				
15	RCC	9,209	61	2015-16	7-8 Years				
18	RCC	4,901	25	2015-16	7-8 Years				
21	RCC	5,376	22	2015-16	7-8 Years				
24	RCC	1,260	5	2015-16	7-8 Years				
27	RCC	700	2	2015-16	7-8 Years				
30	RCC	3,144	10	2015-16	7-8 Years				
33	RCC	4,637	15	2015-16	7-8 Years				
		,	_						

Integrated Development And Asset Management Plan (IDAMP)								
		Municipal Co	mmittee Jhang					
Form:		Sewerage Net		Asset Code:				
IDAMP-A6		Asset Condition As	ı	Date: 26-01-2023				
36	RCC	3,312	11	2015-16	7-8 Years			
42	RCC	6,811	23	2015-16	7-8 Years			
	posal Station	Harmalpur						
Pipe Dia	Pipe Material	Length (ft)	No. of	Year of Laying	Age of Pipe			
(inches)	-		Manholes					
9	-	-		-	-			
15	- RCC	1,982	13	- 1976-77	- 46-47 Years			
18	RCC	2,031	10	1976-77	46-47 Years			
21	RCC	1,985	8	1976-77	46-47 Years			
24	RCC	972	4	1976-77	46-47 Years			
27	RCC	3,175	11	1976-77	46-47 Years			
	posal Station	Lakhiwala	11	1970-77	40-47 Tears			
Pipe Dia	Josai Station		No. of					
(inches)	Pipe Material	Length (ft)	Manholes	Year of Laying	Age of Pipe			
9	RCC	1,041	21	1992-93	30-31 Years			
12	RCC	-	-	-	-			
15	RCC	264	2	1992-93	30-31 Years			
18	RCC	3,098	15	1992-93	30-31 Years			
21	RCC	-	-	-	-			
24	RCC	1,228	5	1992-93	30-31 Years			
27	RCC	934	3	1992-93	30-31 Years			
30	RCC	-	-	-	-			
33	RCC	2,355	8	1992-93	30-31 Years			
36	RCC	3875	13	1992-93	30-31 Years			
42	RCC	1067	4	1992-93	30-31 Years			
Name of Dis	posal Station	Gharyband						
Pipe Dia		·	No. of					
(inches)	Pipe Material	Length (ft)	Manholes	Year of Laying	Age of Pipe			
9	RCC	23,560	471	2006-07	16-17 Years			
12	RCC	20,453	205	2006-07	16-17 Years			
15	RCC	24,846	166	2006-07	16-17 Years			
18	RCC	10,680	53	2006-07	16-17 Years			
21	RCC	13,364	53	2006-07	16-17 Years			
24	RCC	14,380	58	2006-07	16-17 Years			
27	RCC	9,077	30	2006-07	16-17 Years			
30	RCC	1,285	4	2006-07	16-17 Years			
33	RCC	1,270	4	2006-07	16-17 Years			
36	RCC	6,280	21	2006-07	16-17 Years			
42	RCC	4,767	16	2006-07	16-17 Years			
	posal Station	Farooqabad						
Pipe Dia (inches)	Pipe Material	Length (ft)	No. of Manholes	Year of Laying	Age of Pipe			
9	RCC	42,510	850	1992-93	30-31 Years			
12	RCC	4,418	44	1992-93	30-31 Years			
15	RCC	2,116	14	1992-93	30-31 Years			
18	RCC	1,049	5	1992-93	30-31 Years			
21	RCC	1,043	4	1992-93	30-31 Years			
24	RCC	1,345	5	1992-93	30-31 Years			

	Integrated D	evelopment And A	sset Management	: Plan (IDAMP)				
	Municipal Committee Jhang							
Form:		Sewerage Net	work	Asset Code:				
IDAMP-A6		<b>Asset Condition As</b>	sessment	Date: 26-01-2023				
27	RCC	2,007	7	1992-93	30-31 Years			
Name of Disp	oosal Station	Chak Khokhran						
Pipe Dia (inches)	Pipe Material	Length (ft)	No. of Manholes	Vear of Laving				
9	RCC	34,142	683	1975-76	47-48 Years			
12	RCC	7,714	77	1975-76	47-48 Years			
15	RCC	3,456	23	1975-76	47-48 Years			
18	RCC	2,732	14	1975-76	47-48 Years			
Name of Dis	oosal Station	Karmanwala						
Pipe Dia (inches)	Pipe Material	Length (ft)	No. of Manholes	Year of Laying	Age of Pipe			
9	RCC	13,642	273	2004-05	18-19 Years			
12	RCC	572	6	2004-05	18-19 Years			
15	RCC	776 5		2004-05	18-19 Years			
Name of Dis	oosal Station	Tiba Registan						
Pipe Dia (inches)	Pipe Material	Length (ft)	No. of Manholes	Year of Laying	Age of Pipe			
9	RCC	4,197	84	1995-96	27-28 Years			
12	RCC	2,474	25	1995-96	27-28 Years			
15	RCC	4,128	28	1995-96	27-28 Years			
18	RCC	2,165	11	1995-96	27-28 Years			
21	RCC	1,062	4	1995-96	27-28 Years			
24	RCC	4,507	18	1995-96	27-28 Years			
		Remarks / R	equirements					
<ul> <li>No remarks</li> </ul>								
Data Collected B	y: Mr. Abdullah	Designation: Tea	m Member	Julih Sign & Date: 15 May 2023				
Data Checked By: Mr. M Fiaz Designation: Team Lead				Sign & Date: 15 May 2023  Sign & Date: 15 May 2023				

# A. Disposal Station

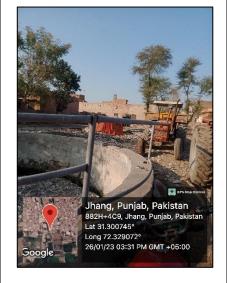
C.		Age (Ye	ars)			Book	Nos.	Discharge	20-4	D	
Sr #	Name	Civil Structure	Pump	Condition	Status	Value (PKR Mil)	of pump	Each (Cusec)	Motor hp	Pump Make	Motor Make
1	Tibba Registan	21	21	Poor	Functional	1.44	2	2	30	KSB	Siemens
2	Goghaywala	Under Construction	Not Available	Failing	Non- Functional	0	2	5	50	KSB	Siemens
3	New Gadianwala	19	19	Failing	Non- Functional	0.81	2	3	40	KSB	Siemens
4	Old Gadianwala	43	Not Available	Poor	Non- Functional	0	1	0.5	20	Master Pump	TECHO
5	Noor Shah	37	37	Fair	Functional	1.71	3	5	60	KSB	KSB
6	Tibba Sultan	Before Partition	Not Available	Fair	Functional	0	2	5	50	KSB	Siemens
7	Lakhi Wala	31	31	Fair	Functional	1.404	5	(4,5,5,5,5)	50	KSB	KSB
8	Harmal Pura	47	47	Good	Functional	0	3	(5,10,10)	100	KSB	Warszawska Fabryka
9	Farooqabad	31	31	Fair	Functional	0.36	2	3	40	KSB	Siemens
10	Khokhran Disposal	19	19	Fair	Functional	1.08	3	(5,6,6)	75	KSB	Siemens
11	Islam Nagar	8	8	Poor	Functional	0.18	1	0.5	30	BECO	BECO
12	Karmanwala Town	15	15	Fair	Functional	0.45	2	5	25	KSB	KSB
13	Gharay bhan	9	9	Good	Functional	1.0	1	5	60	KSB	KSB



Asset Code:

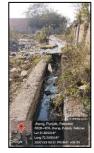
**Pictures** 

	Integrated D	evelopmen	t And	Asset	Managem	ent Plan (IDAMP)
		Munic	ipal Co	omm	ittee Jhang	
Form: IDAMP-A7		age Disposa ondition Ass				Α
	Asset D	etail				P
Name		Ti	bba Re	egista	an	
Location	Latitude		31.30	021		
Location	Longitude		72.32	891		
Address		Ti	bba Re	egista	an	
Area (Acres)			0.5			
Installation Year			200			
Capital Cost	1	6	Millic		r	
Outfall Drain			42			
Sewer	Material		RC			
	No. of Screens		1			
Screening	Screen Condition	Good	Fa	ir	Poor	
Chamber	Chamber					
	Structure		Masc	nry		
	Number		2			
	Shape	Rectangu	ılar	(	ircular	
Wet Wells	Size		20	20'		
	Structure	Masoni	ry		RCC	
	Railing	Yes			No	Jha 8824
	No. of Delivery					Lat 3
	Pipes					Google Long
	Dia					Soogle
Force Main	Material	No Force Main				
	Starting Point					
	<b>Ending Point</b>					
	Length					
	Size		2.5′2			
Sullage Carrier	Shape	ŀ	Rectan		<u> </u>	
_	Length	Cl	350		Poor	
	Condition Dia	Good	<b>Fa</b> 6"		Poor	Jung Punjoh, Pakistan
Delivery Pipe	Material		C.			Coogle 22/0/22 0.2 28 PM GM1 - DS:00
	Dia		6"			
Suction Pipe	Material		C.			(6)
	Sluice Valves		4			
Number of						and the second
Valves	Valves		2			A
	Penstock Valves		1			
Ultimate Disposal		Was	te Wa	ter P	ond	
Civil Structure Condition		Good	Fa	ir	Poor	
Control Room Structure		Good <b>Fa</b>			Poor	30-919, Punjada, Pakisiani 302H-102, Jinny, Punjad, Pakis Lat \$1,80046* Linny 73,329044*
Discharge Box Structure		Good	Fa		Poor	2005le 28/01/22 03:27 PM 3NT 100:00
Approach to Pur	np House	Good	Fa	ir	Poor	
Hoisting Girder		Yes Yes			No	
-	Boundary Wall & Gate				No	
Treatment of Se		Yes			No	
Wastewater da m3/day?	illy discharge in		476	59		











	Integrated D	evelopment	t And Asset	: Managem	ent Plan (IDAM	IP)		
		Munic	ipal Comm	ittee Jhang				
Form:	Sewer	age Disposa	l Station		Asset Code:			
IDAMP-A7		ondition Ass			Date: 26-01-2023			
(based on availa	ble information at							
MC)								
	al of wastewater?	1	Waste Water Pond					
	lectro-Mechanical	Equipment D	Details					
Number of WAP			2					
Transformer Cap	-		100, 100					
Number of MCU			2					
Sanctioned Load	•		45					
Power Factor Equipment	r Improvement	Yes		No				
Service Cable		Yes		No				
<b>Power Wiring</b>		Yes		No				
Earthing of Moto	or	Yes		No				
Earthing of MCU	J	Yes		No				
Generator Availa	ability	Yes	Yes No					
Light Wiring of P	Pump House	Yes		No				
Change Over		Yes		No				
		1	Pump De	tail				
			Pump A			Pump		
Pump Type		Centrifugal/ Non-Clogging			Centri		n-Clogging	
Pump Brand		KSB		KSB				
Pump Paint		Good	Fair	Poor	Good	Fair	Poor	
Motor Brand			Siemens		Siemens			
Installation Year	•		2002		2002			
Discharge Capac			2		2			
Rotational Spee	d (RPM)		960		960			
Head (ft.)	(m)		40			40		
Motor Power (H			30			30		
Base Plate	ning Time (Hours)	Yes	12	No	Vas	16	No	
Dase Plate	Sluice Valve	res		No	Yes 4		No	
Number of	Non-Returning				-			
Valves	Valve				2			
		Overall Rating						
Average Score	1	2		3	4		5	
Asset Condition	Excellent	Good		Fair	Poor		Failing	
Category	Α	В		С	D		E	
		Rema	arks / Requ	irements				

- No power factor,
- There is no proper screen due to which wet wells are filled with solid wastes
- Screening chamber needs to be installed .
- Two kinds of sewers feed this DS, one 36" sewer and an open drain.
- This drain needs to be covered to avoid SW mixing and avoid environmental pollution.
- Sludge carrier exits into Open Fields which produces harmful vegetables for people.
- Proper arrangement for disposing off sludge is required.

	Integrated Development And Asset Management Plan (IDAMP)								
	Municipal Committee Jhang								
Form:	Sewera	age Disposal Station	Asset Code:						
IDAMP-A7	Asset C	ondition Assessment	Date: 26-01-2023						
Data Collected	By: Mr. Abdullah	Designation: Team Member	Juloh Sign & Date: 15 May 2023						
Data Checked By: Mr. M Fiaz		Designation: Team Lead	Sign & Date: 15 May 2023						

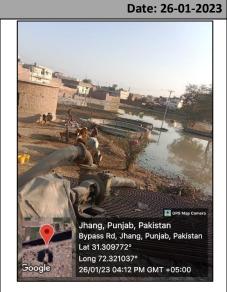
	Integrated De	evelopmen	t And /	Asset	Managen	nent Plan (IDAMP)		
					ttee Jhang			
Form: IDAMP-A7		Sewerage Disposal Station Asset Condition Assessment				Asset Code: Date: 26-01-2023		
	Asset D	etail				Pictures		
Name		(	Gogha	ywala	)			
Lacation	Latitude		31.31	1886		PC1 for Rehabilitation has been		
Location	Longitude		72.328	3207		submitted, the information filled in		
Address		(	Gogha	ywala	1	the proforma taken from PC1		
Area (Acres)			0.7	5				
Installation Year		Und	er Con	struc	tion			
Capital Cost		N	Not Ava	ilable	е			
Outfall Drain	Dia		36	"				
Sewer	Material		RC	С		kan a land		
	No. of Screens	1			NAME OF TAXABLE PARTY.			
Screening Chamber	Screen Condition	Good	Fa	ir	Poor			
Chamber	Chamber Structure	Masonry						
	Number		2					
	Shape	Rectang	ular	C	ircular	Jhang, Punjab, Pakistan		
Wet Wells	Size		25	,		Bypass Rd, Jhang, Punjab, Pakistan		
	Structure	Mason	ry		RCC	Lat 31.31085° Long 72.326068°		
	Railing	Yes			No	Google 26/01/23 04:04 PM GMT +05:00		
	No. of Delivery Pipes							
	Dia							
Force Main	Material	N	o Force	e Mai	in			
Torce ividin	Starting Point	.,	01010	c IVIa		The second secon		
	Ending Point							
	Length							
	Size		2.5′	κ3'				
	Shape		Rectan					
Sullage Carrier	Length			<u> </u>		Dang, Pariok, Falesten Brown Fel, James, Arabi, Oksiten Brown Fel, James, Arabi, Oksiten Brown Fel, James Arabi, Oksiten Las Statolese		
	Condition	Good	Fa	ir	Poor	Social 200100 Comp 1.200100 Co		
Delivery Pipe	Dia			ı		]		

#### **Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang** Form: **Sewerage Disposal Station** Asset Code: Date: 26-01-2023 **IDAMP-A7 Asset Condition Assessment** Material Dia **Suction Pipe** Material **Sluice Valves** Number of Non-Return **Valves Valves Penstock Valves Ultimate Disposal** Khairanwala Drain **Civil Structure Condition** Good Fair Poor **Control Room Structure** Good Fair Poor **Discharge Box Structure** Good Fair Poor **Approach to Pump House** Good Fair Poor **Hoisting Girder** Yes No **Boundary Wall & Gate** No Yes **Treatment of Sewage** Yes No Wastewater daily discharge in m3/day? Not Available (based on available information at MC) Ultimate disposal of wastewater? **Electro-Mechanical Equipment Details Number of WAPDA Feeders** Transformer Capacity (kVA) 200 **Number of MCU** Sanctioned Load (kw) **Power Factor** Improvement Yes No Equipment Yes No **Service Cable 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 Type **Pump Brand Pump Paint Motor Brand Installation Year of Pump** Not Installed yet **Discharge Capacity (Cusecs) Rotational Speed (RPM)** Head (ft.) Motor Power (HP) **Pump Daily Running Time (Hours) Base Plate** Yes Yes No No **Sluice Valve**

	Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Jhang									
Form:	Sewei	rage Disposal Stat	ion	Asse	et Code:				
IDAMP-A7	Asset (	Condition Assessn	nent		Date: 26-01-2023				
Number of Valves	f Non-Returning Valve			2					
	<u>.</u>	Over	all Rating						
Average Score	1	2	3	4	5				
Asset Condition	Excellent	Good	Fair	Poor	Failing				
Category	Α	В	С	D	E				
Remarks / Requirements									
<ul><li>Remai</li><li>Sewer</li><li>Pumpi</li><li>Provid</li><li>Join in</li><li>Systen</li></ul>	ectrical works are to ning work of pump h lines are missing ng machinery is requ e Inter connections of coming sewer lines to n for SWM, as it has late Automatic Contro	ouse needs to be lired to be installe of pipes and MS so o existing drainag huge piles of solid	completed ed creens. e system wastes.						
Data Collected By: Mr. Abdullah Designation: Team Memb			eam Member	Sign & Date: 15					
Data Checked I	By: Mr. M Fiaz	Sign & Date: 15	уру Мау 2023						

	Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Jhang									
Form: IDAMP-A7	Sewer Asset C	Asset Code: Date: 26-01-2023							
	Asset D	etail			Pictures				
Name		Ne	w Gadianw	ala 💮					
Location	Latitude	31.30963							
Location	Longitude	72.32130							
Address		New Gadianwala, Bypass Road,							
71331333		Jhang			PC1 for Rehabilitation has been				
Area (Acres)			1.6		submitted, the information filled in				
Installation Year	•	2004 (u	nder const	ruction)	the proforma taken from PC1				
Capital Cost					the proforma taken from PC1				
Outfall Drain	Dia		42"						
Sewer	Material		RCC						
Carooning	No. of Screens		1						
Screening Chamber	Screen Condition	Good	Fair	Poor					

	Integrated D	evelopmen	t And	Asse	t Managen	nent Plan (IDAMI	
					ittee Jhang		
Form:		age Disposa					
IDAMP-A7		ondition Ass	sessm	nent			
	Chamber		Masonry				
	Structure Number			-			
	Shape	Rectangu		_	Circular	1	
Wet Wells	Size	Rectange	21		LiiCuiai	1	
wet wens	Structure	Masonry			RCC	-	
	Railing	Yes	<u> </u>		No		
	No. of Delivery	100					
	Pipes		2	2			
	Dia		8	"			
Delivery Pipe	Material		С	.1			
	Starting Point						
	Ending Point					Jh	
	Length		7	0′		Lat	
	Size		4'>	<b>κ4</b> ′		Google 26	
Sullage Carrier Shape			Squ	are		BEAD TO SE	
Sullage Carrier	Length	60'					
	Condition	Good	Fa	air	Poor		
Delivery Pipe	Dia					RB.	
20	Material						
Suction Pipe	Dia						
ouction i ipc	Material					-	
	Sluice Valves					-	
Number of	Non-Return						
Valves	Valves				-		
Illtimata Dianasa	Penstock Valves	Khairanwala Drain				Google	
Ultimate Disposa Civil Structure Co		Good		ala D	Poor	-	
Control Room St		Good		air	Poor		
Discharge Box St		Good		air	Poor	1	
Approach to Pun		Good		air	Poor		
Hoisting Girder	.p	Yes			No	-	
Boundary Wall 8	Gate	Yes			No		
Treatment of Sev		Yes			No		
	ily discharge in						
m3/day?			a+ ^.	احادات	٥		
(based on availal	ole information at	IN	ot Av	ailabl	е	Google	
MC)						The second second	
•	l of wastewater?						
	ectro-Mechanical E	quipment [	etail	S			
Number of WAP						_	
Transformer Cap	acity (kVA)					-	
Number of MCU	// \					-	
Sanctioned Load						-	
Power Factor	Improvement	Yes			No		
Equipment Cable		V				-	
Service Cable		Yes			No	-	
Power Wiring Earthing of Moto	ar	Yes Yes			No No	-	
Lai tilling Oi WOLC	<u>/I</u>	165			INU	J	



Asset Code:





	Integrated D	Pevelopment And	Asset Managemo	ent Plan (IDAMP)				
Municipal Committee Jhang								
Form:	Sewer	age Disposal Stat	ion	Ass	et Code:			
IDAMP-A7	Asset C	Condition Assessn	nent		Date: 26-01-2023			
Earthing of MCL	J	Yes	No					
<b>Generator Avail</b>	ability	Yes	No					
Light Wiring of F	Pump House	Yes	No					
Change Over		Yes	No					
			np Detail	T	_			
		Pui	mp A	Pur	mp B			
Pump Type		-						
Pump Brand		<u> </u>						
Pump Paint Motor Brand		-						
Installation Year	of Pump	-						
Discharge Capac	•	-	Not I	Installed Yet				
Rotational Spee		-						
Head (ft.)		-						
Motor Power (H	IP)							
•	ning Time (Hours)	$\overline{I}$						
Base Plate		Yes	No	Yes	No			
Number of	Sluice Valve			3				
Valves	Non-Returning			2				
Tuites	Valve							
-	T T		all Rating					
Average Score	1	2	3	4	5			
Asset Condition	Excellent	Good	Fair	Poor	Failing			
Category	Α	В	С	D	E			
			Requirements					
•			•	ossible. Completion	of whole machinery			
	ctrical works are to	-	-					
	ing work of pump h	ouse needs to be	completed					
	nes are missing g machinery is requ	irod						
	Inter connections of		roons					
	oming sewer lines to							
	e Automatic Contro		-					
	roper boundary wa							
,	•	· •		erators as electricity	backup.			
	<u> </u>	·			1 1/1			
	ما ق اسر ا							
Data Collected By: Mr. Abdullah Designation: Team Member								
Sign & Date: 15 May 2023								
				m	eph			
Data Checked By	ı: Mr. M Fiaz	Designation: Te	eam Lead	80	18			
= a.ta. c.reened by								
				Sign & Date: 15	May 2023			

	Integrated Develop M	ment And A				an (IDAMP)
Form:	_	e Disposal S		A		
	Asset Detai					
Name	7.0000 2.000.		ld Gad	dianw	ala	
Location	Latitude		31.3	0932		
Location	Longitude					
Address						
Area (Acres)			0.	15		PC1 for
Installation Year			19	080		been
Capital Cost	Τ					inform
Outfall Drain Sewe	r Dia			8"		proform
	Material No. of Screens			<u>CC</u>		
Screening Chamba		Good		1 air	Poor	
Screening Chambe	Chamber Structure	Good		onry	PUUI	
	Number			1		4.
	Shape	Rectang			Circular	
	Size	rectang		5'	on carar	
Wet Wells	Structure	<b>Masonry</b> RCC		RCC		
	Railing	Yes			No	
	No. of Delivery Pipes					
	Dia					
Delivery Pipe	Material					
	Starting Point					
	<b>Ending Point</b>					0
	Length			'x3'		Doogle
	Size			in the second		
Sullage Carrier	Shape		Recta		ır	
	Length		10	00'		
	Condition	Good			Poor	
Delivery Pipe	Dia Material					
	Dia					
Suction Pipe	Material					
	Sluice Valves					
Number of Valves	Non-Return Valves					**
	Penstock Valves			3		
Ultimate Disposal	Ultimate Disposal		airanw	/ala D	)rain	THE ST
Civil Structure Condition		Good	Fa	air	Poor	
Control Room Structure		Good	Fa	air	Poor	
Discharge Box Structure		Good		air	Poor	100
Approach to Pump House		Good	Fa	air	Poor	
Hoisting Girder		Yes			No	
Boundary Wall & Gate		Yes			No	Google
Treatment of Sewa		Yes			No	
Wastewater daily	Not Available					
Ultimate disposal	e information at MC)					
Oitimate disposal	ui wasiewaler:	I				

PC1 for Rehabilitation has been submitted, the information filled in the proforma taken from PC1

Asset Code:

**Pictures** 







Integrated Development And Asset Management Plan (IDAMP)									
		М	lunicipal Co	mmittee	. Jhang				
Form:		_	Disposal St				Asset Code:		
IDAMP-A7	1.55	CC CC	dition Asses					Date: 26-01-2023	
	Electro-Mechanic	al Equi <sub>l</sub>	oment Details						
Number of WAPE			1						
Transformer Capacity (kVA)			75						
Number of MCU			1						
Sanctioned Load	· /		15						
Power Factor Imp	Power Factor Improvement Equipment		Yes <b>No</b>						
Service Cable	Service Cable				No				
Power Wiring			Yes		No				
Earthing of Moto	r		Yes		No				
Earthing of MCU			Yes		No				
Generator Availa	bility		Yes		No				
Light Wiring of Pu	ımp House		Yes		No				
Change Over			Yes		No				
			Pump	Detail					
	Pump A								
Pump Type			Dewatering Set						
Pump Brand		Master Pump							
Pump Paint									
Motor Brand		TECHO							
Installation Year of Pump		Not Available							
Discharge Capacity (Cusecs)		0.5							
Rotational Speed (RPM)		Not Available							
Head (ft.)		Not Available							
Motor Power (HP)			20						
Pump Daily Running Time (Hours)			Not Available						
Base Plate			Yes No					No	
	Sluice Valve	Sluice Valve				_			
Number of Valves	s Non-Returning	Non-Returning							
	Valve								
Overall Rating									
Average Score	1		2		3		4	5	
Asset Condition	Excellent		Good		Fair	ı	Poor	Failing	
Category	Α		В		С		D	E	
Remarks / Requirements									
this ald but functional disposal attains. It has an a unit wall as a name have a disposal as boundary.									

- It is old but functional disposal station. It has one wet well, no pump house or dry well, no boundary and no screening chamber.
- Boundary wall and generator is needed for proper functioning.
- Screening chamber is the crucial need as solid waste is stranded in the wet well.
- Pumping machinery is required.
- Provide Inter connections and MS screens
- Generate Automatic Controller System for working including MCUs and power factors.
- Provide electricity backup generator, Centrifugal pumps, and proper pump house.

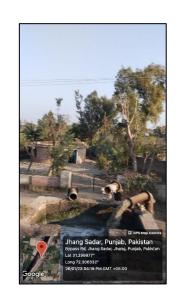
Data Collected By: Mr. Abdullah

Designation: Team Member

Sign & Date: 15 May 2023

Integrated Development And Asset Management Plan (IDAMP)						
Municipal Committee Jhang						
Form: Sewerage Disposal Station			Asset Code:			
IDAMP-A7	Asset Con	dition Assessment	Date: 26-01-2023			
Data Checked By: Mr. M Fiaz		Designation: Team Lead	whiteh			
			Sign & Date: 15 May 2023			

	Integrated				sset Manag mmittee Jha	gement Plan (IDAMP) ang
Form: IDAMP-A7	Sewerage Disposal Station Asset Condition Assessment					Δ
	Asset	Detail				Pic
Name	Name		Noor Shah			
	Latitude	31.29887				
Location	Longitude	72.306332				
Address		Noor Shah, Bypass Road, Jhang				
Area (Kanal/Ad	res)		0.	25		
Installation Yea	ar		19	86		* \$
Capital Cost	Capital Cost		Not Av	le	and the state of	
Outfall Drain		33"				
Sewer	Material	RCC				
	No. of Screens			1		
Screening Chamber	Screen Condition	Good	Fa	air	Poor	dicee: O.
	Chamber Structure	Masonry				
	Number	2				Jhang S Bypass Rd.
	Shape	Rectangular Circular		Circular	Long 72.30 26/01/28 0	
Wet Wells	Size	25"		Google		
	Structure	Masonry		RCC		A. Carlotte and the Control of the C
	Railing	Yes		No		
Force Main	No. of Delivery Pipes					N. S. W. S. C. S.
	Dia Material	No Force Main			Jhang Sada Bypass Rd, Jh. Lat 31.298958 Long 72.3064	
	Starting Point Ending Point				Google 26/01/23 04:2	
	Length					
Sullage Carrier	Size	2.5′x3′				
	Shape	Rectangular				
	Length	150′				
	Condition	Good <b>Fair</b> Poor		Poor	Jhang Sada Bypass Rd, Jh.	
Delivery Pipe	Dia	10"			Lat 31.298765	
	Material	C.I			Google 26/01/23 04:2	
Suction Pipe	Dia	12"				
	Material	C.I				
	Sluice Valves	6				



Asset Code: \_

**Pictures** 





Integrate	ed Develop	ment /	And Ass	et Manag	gement	Plan (IDAN	ΛP)		
	IV	lunicip	al Comi	mittee Jha	ang				
	erage Dispo						Asset Co		
IDAMP-A7 Asset	Condition	Assess	ment				Da	te: 26	-01-2023
Non-Return Number of Valves			3						
Valves Penstock Valves			2						
Ultimate Disposal	KI	nairany	vala dra	in					
Civil Structure Condition	Good		air	Poor					
Control Room Structure	Good		air	Poor					
Discharge Box Structure	Good		air	Poor					
Approach to Pump House	Good	-	air	Poor					
Hoisting Girder	Ye			No					
Boundary Wall & Gate	Ye			No					
Treatment of Sewage	Yes			No					
Wastewater daily discharge in		<b>3</b>		140					
m3/day? (based on available information at MC)		11	923						
Ultimate disposal o	f								
wastewater?									
Electro-Mechanica	I Equipme	nt Deta	ails						
Number of WAPDA Feeders			2						
Transformer Capacity (kVA)		630	, 400						
Number of MCU			3						
Sanctioned Load (kw)		3	55						
Power Factor Improvement				NI -					
Equipment	Ye	S		No					
Service Cable	Ye	S		No					
Power Wiring	Ye	S		No					
Earthing of Motor	Ye	S		No					
Earthing of MCU	Ye	<u> </u>		No					
Generator Availability	Ye	S		No					
Light Wiring of Pump House	Ye			No					
Change Over	Ye	S		No					
			Pump D						
	Р	ump A			Pump l	В	Р	ump (	:
Burners Time o		fugal/		Cent	trifugal/		Centri		
Pump Type		logging			Cloggin			oggin	
Pump Brand		KSB			KSB		KSB		_
Pump Paint	Good	Fair	Poor	Good	Fair	Poor	Good <b>F</b>	air	Poor
Motor Brand		KSB			KSB			KSB	
Installation Year of Pump		1986			1986			1986	
Discharge Capacity (Cusecs)		5			5			5	
Rotational Speed (RPM)		960			960			960	
Head (ft.)	40				40			40	
				<del> </del>					
		60	60 12		60			60	
Motor Power (HP) Pump Daily Running Time (Hours)	:				12			4	
Motor Power (HP) Pump Daily Running Time	Yes		No	Yes		No	Yes		No

Integrated Development And Asset Management Plan (IDAMP)											
Municipal Committee Jhang											
Form: Sewerage Disposal Station Asset Code:											
IDAMP-A7											
Number of Valves	Non-Returning Valve		3								
Overall Rating											
Average Score	1	2	3	4	5						
Asset Condition	Excellent	Good	Fair	Poor	Failing						
Category	Α	В	С	D	E						
		Remark	s / Requirements								
Remarks / Requirements  There is leakage in the dry well. Repair it.  1 pump is Non-functional, it needs immediate repair.  Only one Feeder is working, Urban feeder is also required to be in working state.  Pen stock valves, Urban feeder, delivery pipe and pump house need to be repaired.  Screen and non-return valve are needed.  Automatic Controller System  Sewage submersible pump  Provide backup Generator repair.											
	By: Mr. Abdullah		Team Member	Ju.	18h						

		Sign & Date: 15 May 2023					
Data Checked By: Mr. M Fiaz	Designation: Team Lead	white					
		Sign & Date: 15 May 2023					
Integrated Development And Asset Management Plan (IDAMP)							
Municipal Committee Jhang							

	Integra	ted Develo	pment A	nd Asset N	Nanagement Plan (IDAMP)
			Municipa	l Committ	ee Jhang
Form: IDAMP-A7		ge Dispos	Asset Code: Date: 26-01-2023		
Asset Detail					Pictures
Name		Т	ibba Sulta	ın	
Location	Latitude		31.292338	3	
Location	Longitude	72.304282			
Address	A daluaca		Sultan, Bha	abrana,	
Address		Jhang			
Area (Kanal/A	cres)	0.35			
Installation Ye	ear	Bet	fore Partit	ion	GPS Map Camera
<b>Capital Cost</b>		N	ot Availab	le	Jhang, Punjab, Pakistan
Outfall Drain	Dia		36"		78R3+RR, Bhabrana Mohalla Mohalla
Sewer	Material	RCC			Bhabrana, Jhang, Punjab, Pakistan Lat 31.292338°
	No. of		1		Long 72.304282°
Screening	Screens		1		26/01/23 04:28 PM GMT +05:00
Chamber	Screen Condition	Good	Fair	Poor	

Form: IDAMP-A7   Sewerage Disposal Station   Asset Condition Assessment      Chamber   Structure   Masonry   Size   25'   Structure   Masonry   RCC   Railing   Yes   No	AMP)
Form: IDAMP-A7    Chamber   Structure   Masonry	
Chamber   Structure   Structure   Shape   Rectangular   Circular   Size   25'   Structure   Railing   Yes   No   No   No   Force Main   Starting   Point   Ending Point   Length   Size   4'x5'   Shape   Rectangular   Circular   Starting   Point   Ending Point   Length   Size   4'x5'   Shape   Rectangular   Carrier   Condition   Good   Fair   Poor   Dia   12"   Material   C.I   Suction Pipe   Dia   12"   Material   C.I   Sluice Valves   4   Non-Return   Valves   Penstock   Valves   Penstock   Valves   Penstock   Valves   Penstock   Valves   Penstock   Valves   Condition   Good   Fair   Poor   Poor   Discharge Box Structure   Good   Fair   Poor   Poor   Discharge Box Structure   Good   Fair   Poor   Poor   Discharge Box Structure   Good   Fair   Poor   Approach to Pump House   Good   Fair   Poor   Poor   Hoisting Girder   Yes   No   Wastewater daily discharge   In m3/day?   (based on available   In 1923	
Chamber   Structure   Structure   Structure   Structure   Structure   Shape   Rectangular   Circular   Size   25'   Structure   Masonry   RCC   Railing   Yes   No   No   No   Porce Main   Starting   Point   Ending Point   Length   Size   4'x5'   Shape   Rectangular   Circular   Starting   Point   Ending Point   Length   To'   Condition   Good   Fair   Poor   Dia   12"   Material   C.I   Sluice Valves   4   Non-Return   Valves   Penstock   Valves   Poor   Discharge Box Structure   Good   Fair   Poor   Poor   Discharge Box Structure   Good   Fair   Poor	P
Structure Number Shape Rectangular Size Structure Masonry RCC Railing Yes No No No. of Delivery Pipes Dia Ending Point Length Size Shape Rectangular Ending Point Length Size Shape Rectangular Condition Good Pair Poor Delivery Pipe Material Suction Pipe Number of Valves Valves Penstock	
Structure   Structure   Shape   Rectangular   Circular	
Number   Shape   Rectangular   Circular	
Shape   Rectangular   Circular   Size   25'   Structure   Masonry   RCC   Railing   Yes   No   No   No   Polivery   Pipes   Dia   Starting   Point   Length   Size   A'x5'   Poor   Approach to Pump House   Good   Fair   Poor   Point   Poor   Poor   Point   Poor   Poor   Point   Poor   Poor   Point   Poor   Poor   Point   Poor	
Size   Structure   Structure   Structure   Structure   Railing   Yes   No	
Structure Railing No. of Delivery Pipes Dia Material Starting Point Ending Point Length Condition Delivery Pipe  Builage Carrier Length Condition Dia Suction Pipe  Number of Valves Penstock Valves	
Railing No. of Delivery Pipes Dia Starting Point Length Size Shape Length Condition Soution Pipe  Number of Valves  Valves  Ultimate Disposal Civil Structure Condition Control Room Structure Condition Condition Good Valves  Ultimate Disposal Civil Structure Condition Condition Good Valves  Ultimate Disposal Civil Structure Condition Condition Good Valves  Valves  Valves  Ultimate Disposal Civil Structure Condition Condition Good Control Room Structure Good Control Room Control Ro	
Force Main  Force Main  Force Main  Force Main  Force Main  Material Starting Point Length Size Shape Length Condition Good Fair Material Suction Pipe  Number of Valves  Valves  Ultimate Disposal Civil Structure Condition Good Valves  Wastewater daily discharge in m3/day? (based on available  No Force Main No	CPS Has Garren
Force Main  Force Main  Material Starting Point Length Size Shape Carrier Length Condition Delivery Pipe  Material Suction Pipe  Number of Valves Valves  Ultimate Disposal Civil Structure Condition Control Room Structure Control Room Structure Good Approach to Pump House Hoisting Girder Good Pair Poor Poor Control Room Structure Good Approach to Pump House Boundary Wall & Gate Treatment of Sewage Wastewater daily discharge in m3/day? (based on available	afa n
Force Main    Pipes   Dia   Material   Starting   Point   Ending Point   Length	
Force Main    Material   Starting   Point	
Starting Point Ending Point Length  Size  Shape Rectangular Condition  Delivery Pipe  Dia Material Suction Pipe  Number of Valves  Ultimate Disposal Civil Structure Condition Civil Structure Condition Civil Structure Condition Civil Structure Condition Civil Structure Good Control Room Structure Condition Civil Structure Condition Civil Structure Condition Civil Structure Condition Civil Structure Condition Control Room Structure Condition Control Room Structure Condition Coll Condition Coll Coll Coll Coll Coll Coll Coll Co	
Starting Point Ending Point Length  Size  Shape Rectangular  Length  Condition  Delivery Pipe  Material  Sluice Valves  Non-Return Valves  Valves  Ultimate Disposal  Civil Structure Condition  Control Room Structure  Good Fair Poor  Approach to Pump House  Boundary Wall & Gate Non-Return Poor  Fair Poor  Rhaterial Fair Poor  Rhaterial Fair Poor  Approach to Pump House Food Fair Foor  Food Fair Poor  Rood Fair Rood Foor Rood Fair Poor  Rood Rood Fair Poor  Rood Rood Fair Poor  Rood Rood Rood Rood Rood Rood Rood	
Point Ending Point Length  Size 4'x5'  Sullage Carrier Length 70' Condition Good Fair Poor  Delivery Pipe Material C.I  Suction Pipe Sluice Valves 4  Number of Valves Penstock Valves Penstock Valves  Ultimate Disposal Khairanwala Drain  Civil Structure Condition Good Fair Poor  Discharge Box Structure Good Fair Poor  Approach to Pump House Good Fair Poor  Hoisting Girder Good Fair Poor  Hoisting Girder Yes No  Wastewater daily discharge in m3/day?  (based on available Fair Poor  Non-Return Yes No  Non-Return Poor  Hoisting Girder Yes No  Non-Return Poor  Non-Return Poor  Non-Return Poor  Fair Poor  Non-Return P	
Carrier   Size   Shape   Rectangular	
Carrier   Size   Shape   Rectangular	
Sullage Carrier    Shape   Rectangular	
Carrier  Length Condition Good Fair Poor  Delivery Pipe Material Suction Pipe  Number of Valves Valves  Ultimate Disposal Civil Structure Condition Control Room Structure Approach to Pump House Hoisting Girder Approach of Sewage Wastewater daily discharge in m3/day? (based on available  Dia 12"  Material C.I Sluic Valves 4  Non-Return Valves 2  Valves  Valves  Valves  At Non-Return Valves 2  Valves	
Carrier    Length   TO'     Condition   Good   Fair   Poor	
Condition   Good   Fair   Poor	
Delivery Pipe    Dia	
Delivery Pipe   Dia   12"	
Suction Pipe    Dia	
Number of Valves  Non-Return Valves  Penstock Valves  Ultimate Disposal Khairanwala Drain  Civil Structure Condition Good Fair Poor  Control Room Structure Good Fair Poor  Discharge Box Structure Good Fair Poor  Approach to Pump House Good Fair Poor  Hoisting Girder Yes No  Boundary Wall & Gate Yes No  Treatment of Sewage Yes No  Wastewater daily discharge in m3/day?  (based on available	
Number of Valves  Penstock Valves  Ultimate Disposal Khairanwala Drain  Civil Structure Condition Good Fair Poor  Control Room Structure Good Fair Poor  Discharge Box Structure Good Fair Poor  Approach to Pump House Good Fair Poor  Hoisting Girder Yes No  Boundary Wall & Gate Yes No  Treatment of Sewage Yes No  Wastewater daily discharge in m3/day?  (based on available	
Number of Valves  Penstock Valves  Ultimate Disposal Khairanwala Drain  Civil Structure Condition Good Fair Poor  Control Room Structure Good Fair Poor  Discharge Box Structure Good Fair Poor  Approach to Pump House Good Fair Poor  Hoisting Girder Yes No  Boundary Wall & Gate Yes No  Treatment of Sewage Yes No  Wastewater daily discharge in m3/day?  (based on available	
Valves  Penstock Valves  Ultimate Disposal  Civil Structure Condition  Control Room Structure  Discharge Box Structure  Good  Approach to Pump House  Hoisting Girder  Boundary Wall & Gate  Treatment of Sewage  Wastewater daily discharge in m3/day? (based on available  Khairanwala Drain  Poor  Poor  Fair  Poor  Poor  Poor  No  Poor  No  No  Tipotheria Sewage  Yes  No  No  11923	
Penstock Valves  Ultimate Disposal Civil Structure Condition Good Fair Control Room Structure Good Fair Discharge Box Structure Good Fair Approach to Pump House Good Fair Hoisting Girder Foor Wastewater daily discharge in m3/day? (based on available	
Ultimate Disposal  Civil Structure Condition  Control Room Structure  Good  Fair  Poor  Discharge Box Structure  Good  Approach to Pump House  Good  Hoisting Girder  Boundary Wall & Gate  Treatment of Sewage  Wastewater daily discharge in m3/day?  (based on available  Khairanwala Drain  Foor  Poor  Poor  Fair  Poor  No  No  No  11923	
Civil Structure Condition Good Fair Poor Control Room Structure Good Fair Poor Discharge Box Structure Good Fair Poor Approach to Pump House Good Fair Poor Hoisting Girder Yes No Boundary Wall & Gate Yes No Treatment of Sewage Yes No Wastewater daily discharge in m3/day? (based on available	
Control Room Structure Good Fair Poor Discharge Box Structure Good Fair Poor Approach to Pump House Good Fair Poor Hoisting Girder Yes No Boundary Wall & Gate Yes No Treatment of Sewage Yes No Wastewater daily discharge in m3/day? (based on available	
Discharge Box Structure  Approach to Pump House  Hoisting Girder  Boundary Wall & Gate  Treatment of Sewage  Wastewater daily discharge in m3/day? (based on available  Fair Poor  No  No  No  11923	
Approach to Pump House Good Fair Poor Hoisting Girder Yes No Boundary Wall & Gate Yes No Treatment of Sewage Yes No Wastewater daily discharge in m3/day? (based on available	
Hoisting Girder  Boundary Wall & Gate  Yes  No  Treatment of Sewage  Yes  No  Wastewater daily discharge in m3/day? (based on available	
Boundary Wall & Gate Yes No Treatment of Sewage Yes No Wastewater daily discharge in m3/day? (based on available	
Treatment of Sewage Yes No Wastewater daily discharge in m3/day? (based on available	
Wastewater daily discharge in m3/day?  (based on available	
in m3/day? (based on available	
(based on available	
(based on available	
:f	
information at MC)	
Ultimate disposal of	
wastewater?	
Electro-Mechanical Equipment Details	
Number of WAPDA Feeders 1	
Transformer Capacity (kVA) 100	
Number of MCU 2	
Sanctioned Load (kw) 75	

	Integrat	ed Developme	nt And As	set Manager	ment Plan (IDAMP)		
		Muni	icipal Con	nmittee Jhan	g		
Form:	Cowers	ge Disposal Sta	tion			Assat Cada	
IDAMP-A7		ndition Assess			·	Asset Code: Date: 26-01-2023	
	r Improvement						
Equipment	improvement	Yes	No				
Service Cable		Yes	No				
Power Wiring		Yes	No				
Earthing of M	otor	Yes	No				
Earthing of M	CU	Yes	No				
Generator Av	ailability	Yes	No				
Light Wiring o	of Pump House	Yes	No				
Change Over		Yes	No				
			Pump	Detail			
			Pump A		Pump B		
Pump Type		Centrifug	al/ Non-C	logging	Centrifugal/ Non-Clogging		
Pump Brand			KSB	I		KSB	
Pump Paint		Good	Fair	Poor	l l	air Poor	
Motor Brand		Siemens				iemens	
Installation Yo	•	No	t Available	e	Not	Available	
	pacity (Cusecs)		5		5 960		
Rotational Sp	eed (RPM)		960				
Head (ft.)	(115)		40		40 50		
Motor Power	` '		50		50		
(Hours)	Running Time		12		16		
Base Plate		Yes		No	Yes	No	
	Sluice Valve				4		
Number of Valves	Non- Returning Valve				2		
	vaive		Overall	Rating			
Average Scor	e 1	2	Jucian	3	4	5	
Asset Condition	Excellent	Good	ı	Fair	Poor	Failing	
Category	Α	В		С	D	E	
, , , , , , , , , , , , , , , , , , ,		Ren	narks / Re	quirements			
Following com	nonents are regi						

#### Following components are required in Tibba sultan disposal station

- Generator 200-KVA with room, Urban and Rural WAPDA feeders
- Install missing sewer lines, incoming gravity sewers and Delivery Pipes.
- Screening chamber and screens with 1" grating.
- Repairing/rehabilitation of pump house
- Provision of the required Pumping machinery
- MCSs and Power factors along with automatic controller system.
- SWM system
- Boundary for disposal station is a must to be constructed.

Data Collected By: Mr. Abdullah

Designation: Team Member

Sign & Date: 15 May 2023

: Plan (IDAMP)

	Integrated Development And Asset Management Plan (IDAMP)										
	Municipal Committee Jhang										
Form: IDAMP-A7	Sewerage D Asset Condi	Asset Code: Date: 26-01-2023									
Data Checked By: Mr. M Fiaz		Designation: Team Lead	Sign & Date: 15 May 2023								

	Integrated Develop	ment And Asse	et Management						
	Municipal Committee Jhan								
Form: IDAMP-A7		Disposal Statio							
	Asset Detail								
Name		Lakh	i Wala						
Location	Latitude	31.2	83818						
Location	Longitude	72.3	05366						
Address		Bhabrana M	Iohalla, Jhang						
Area (Kanal/Acres)		C	).5						
Installation Year		19	992						
Capital Cost			vailable						
Outfall Drain Sewe	Dia	3	6"						
Outlan Diam Sewe	Material	R	.CC						
	No. of Screens		2						
Screening Chamber	Screen Condition	Good <b>F</b>	<b>air</b> Poor						
	Chamber Structure	Mas	sonry						
	Number		2						
	Shape	Rectangular	Circular						
Wet Wells	Size	2	25'						
	Structure	Masonry	RCC						
	Railing	Yes	No						
	No. of Delivery								
	Pipes								
	Dia	No Force Main							
Force Main	Material								
	Starting Point								
	Ending Point								
	Length								
	Size	2.5′x3′							
Sullage Carrier	Shape		ngular						
	Length		50'						
	Condition		air Poor						
Delivery Pipe	Dia	10"							
, · · · · · · · · ·	Material	C.I							
Suction Pipe	Dia	12"							
	Material		C.I						
	Sluice Valves		10						
Number of Valves	Non-Return Valves		5						
	Penstock Valves		4						



Asset Code: \_

**Pictures** 

Date: 26-01-2023







#### **Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang** Form: **Sewerage Disposal Station** Asset Code: Date: 26-01-2023 **IDAMP-A7 Asset Condition Assessment Ultimate Disposal** Khairanwala Drain **Civil Structure Condition** Good Fair Poor Good Fair Poor **Control Room Structure** Good Fair **Discharge Box Structure** Poor **Approach to Pump House** Good Fair **Poor Hoisting Girder** No Yes **Boundary Wall & Gate** Yes No **Treatment of Sewage** No Yes Wastewater daily discharge in m3/day? 11923 (based on available information at MC) Ultimate disposal of wastewater? **Electro-Mechanical Equipment Details Number of WAPDA Feeders** 2 **Transformer Capacity (kVA)** 630 **Number of MCU** 4 190 Sanctioned Load (kw) **Power Factor Improvement Equipment** Yes No Service Cable Yes No **Power Wiring** Yes No **Earthing of Motor** Yes No **Earthing of MCU** Yes No **Generator Availability** Yes No **Light Wiring of Pump House** Yes No **Change Over** Yes No **Pump Detail** Pump A Pump B Pump C Pump D Pump E 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 KSB** KSB KSB **KSB KSB Motor Brand Installation Year of Pump** 1992 1992 1992 1992 1992 Discharge Capacity (Cusecs) 4 5 5 5 5 960 960 960 960 960 **Rotational Speed (RPM)** 40 40 40 40 Head (ft.) 40 Motor Power (HP) 50 50 50 50 50 **Pump Daily Running Time (Hours)** NF 12 12 4 NF **Base Plate** Yes No Yes No Yes No Yes No Yes No **Sluice Valve** 10 **Number of Valves Non-Returning** 5 Valve **Overall Rating Average Score** 2 4 5 1 **Asset Condition Excellent** Fair **Poor** Failing Good Category Α В D Ε **Remarks / Requirements**

Integrated Development And Asset Management Plan (IDAMP)										
Municipal Committee Jhang										
Form: IDAMP-A7	_	Disposal Station ition Assessment	Asset Code: Date: 26-01-2023							
in the dry Following iter Pen Stock Repair Ni Delivery	y well too. Wet well remains are required in Lakhiwk F pumps immediately. Pipe steel Screen angle	vala disposal station  Sluice val  Non-Retue sewage s								
Data Collected By	: Mr. Abdullah	Designation: Team Member	Jufoh Sign & Date: 15 May 2023							
Data Checked By:	Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023							

	Integrated	Developm	ent And	d Asset	Manag
			nicipal (		
Form: IDAMP-A7		age Dispos			
	Asset I	Detail			
Name			Harmal	l Pura	
Location	Latitude		31.26	414	
Location	Longitude		72.29	386	
Address		Вур	ass Roa	ad, Jhai	ıg
Area (Kanal/A	cres)		3		
Installation Ye	ar	1976			
Capital Cost		Not Available			
Outfall Drain	Dia		42′	"	
Sewer	Material		RC	С	
	No. of Screens		1		
Screening Chamber	Screen Condition	Good	Fai	ir	Poor
Citatibei	Chamber Structure	Masonry			
	Number		1		
	Shape	Rectang	ular	Circ	ular
Wet Wells Size			26	· ·	
Structure		Mason	iry	R	CC
	Railing	Yes	•		
Force Main	No. of Delivery Pipes	N	lo Force	e Main	
	Dia				

Integrated Development And Asset Management Plan (IDAMP)										
		Mun	icipal	Com	mittee Jhai	ng				
Form: IDAMP-A7		age Disposa					Asset Code: Date: 26-01-2023			
IDAMI A		onarcion A.	330331	Helle		B32	Dutc: 20 01 2023			
	Material					. 24				
	Starting Point									
	Ending Point									
	Length		2.5	121						
	Size			′x3′		-	APPEN DE LA CONTRACTION DE LA			
Sullage Carrier	Shape		Recta		r	- 00				
	Length	C I		00′	D		Jhang Sadar, Punjab, Pakistan Bycoss Rd, Jhang Sodor, Jhang, Punjab,			
	Condition	Good		air o"	Poor	Google	Painten Lat 31.264166* Long 72.293944* 2000278 Nation BM GMT 40500			
Delivery Pipe	Dia	24"		0"	12"					
	Material	C.I		C.I	C.I					
Suction Pipe	Dia	24"		0"	12"					
	Material	C.I		<u>l</u>	C.I					
	Sluice Valves		-	6						
Number of	Non-Return		;	3						
Valves	Valves						M COT Han Carries			
	Penstock Valves			2			Jhang Sadar, Punjab, Pakistan dypos M. Jhang Saser, Jhang, Punjab, Pakistan Lat 3124-1057 Long 27,244-006*			
Ultimate Dispos	sal	Kha	airanv	vala d	rain	300gis	26(0))23 04:56 PM GMT + (05:00			
Civil Structure C	Condition	Good Fa		air <b>Poor</b>						
Control Room S	tructure	Good Fa		<b>air</b> Poor		W.				
Discharge Box S	tructure	Good	iood <b>F</b> a		Poor					
Approach to Pu	mp House	Good Fa		air <b>Poor</b>			2 44			
<b>Hoisting Girder</b>		Yes		No		40/30	A STATE OF THE STA			
Boundary Wall	& Gate	Under Construction			ction		□ COS Hardaria			
Treatment of Se	ewage	Yes			No	7	Jhang Sadar, Punjab, Pakistan Bysass Rd, Jhang Sesor, Jhang, Punjab,			
m3/day?	aily discharge in able information	22142				Google	Lus 7326447  Lus 732647  14(0)/23 01:02 PM OWT - 05:00			
Ultimate wastewater?	disposal of									
	ectro-Mechanical	Equipment	Deta	ils		1				
Number of WAR		2 (1NF)								
Transformer Ca				30		1				
Number of MCL				3		1				
Sanctioned Load				86		1				
Power Factor				<del></del>		1				
Equipment	12.0.0	Yes			No					
Service Cable		Yes			No	1				
Power Wiring		Yes			No	1				
Earthing of Mot	or	Yes			No					
Earthing of MCl		Yes			No	1				
Generator Avail		Yes			No	1				
Light Wiring of I	-	Yes			No	1				
Change Over	F	Yes			No	1				
9-3-4			Pı	լաթ [	Petail	1				
		Pur	np A	L		Pump B	Pump C			
L		י אוווא י	I dilip C							

	Integrate	d Development A	And Asse	et Manag	ement l	Plan (IDAM	IP)				
Municipal Committee Jhang											
Form:											
IDAMP-A7	Asset	Condition Asses	sment				0	ate: 26	5-01-2023		
•		Vertical Shaf	t Non-	Verti	cal Shaf	ft Non-	Verti	cal Sha	ft Non-		
Pump Type		Clogging Cen	trifugal	Clogg	ing Cen	trifugal	Clogg	ing Cen	trifugal		
		Pump	1		Pump	)		Pump	)		
Pump Brand		KSB	1		KSB			KSB			
Pump Paint		<b>Good</b> Fair	Poor	Good	Fair	Poor	Good	Fair	Poor		
Motor Brand		Warszawska F	abryka	Wars	zawska F	abryka	Wars	zawska	Fabryka		
Installation Yea	•	1976			1976			1976			
Discharge Capa		5			10			10			
Rotational Spe	ed (RPM)	960			960			960			
Head (ft.)		50			50				50		
Motor Power (	•	100		100			100				
Pump Daily (Hours)	Running Time	4		12			12				
Base Plate	1	Yes	No	Yes No		No	Yes		No		
Number of	Sluice Valve				6						
Valves	Non-Returning Valve				3						
		C	overall R	ating							
Average Score	1	2		3		4		5			
Asset Condition	Excellent	Good		Fair		Fair Poor		Failin		ling	
Category	Α	В		С		D		E			
		Remar	ks / Req	uirement	ts						
• It has 2 function	p is out of order a 2 transformers, Ur onal in order to ma Components are re	ban and Rural. Cake working of p	ne is fun	ctional w		=	unctional	and ne	eds to be		
_	e submersible pur	•	•	RCC w	ork/						
Pen St	•	r	•	Bend	_						
Suction			•	Sluice							
<ul> <li>Delive</li> </ul>			•		Return v	alve					
	ess steel Screen an	gle	•			ntroller Sys	stem				
	By: Mr. Abdullah	Designation	n: Team I				Jul 9.	h			

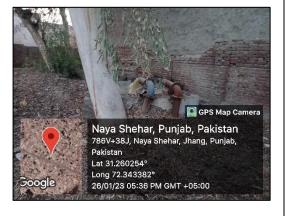
Data Collected By: Mr. Abdullah	Designation: Team Member	Juloh Sign & Date: 15 May 2023
Data Checked By: Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023

**Pictures** 

**Asset Code:** 

Date: 26-01-2023

	Integra	ated Deve	lopme	ent.	And Asse	t Management Plan (IDAMP)
			Mun	icip	al Comm	ittee Jhang
Form:	Sewera	ge Dispos	al Stat	tion	<u> </u>	A
IDAMP-A7		ondition A				
	Asset [	Detail				Picture
Name	7.0000		arooq	aba	d	1 100011
	Latitude		31.256			
Location	Longitude		72.348			
Address		Naya	Sheha	ar, J	hang	
Area (Kanal/A	Acres)	,	0.2			
Installation Ye	•		199	2		
Capital Cost		N	ot Ava	ilab	le	
Outfall Drain	Dia		36"			
Sewer	Material		RCC			
	No. of					
	Screens		1			
Screening	Screen					
Chamber	Condition	Good	Fai	r	Poor	New Chah
	Chamber		•			Naya Shehar, 786V+38J, Naya S
	Structure		Maso	nry		Pakistan
	Number		1			Lat 31.260254° Long 72.343382°
	Shape	Rectang	ular	C	ircular	Joogle 26/01/23 05:36 PM
Wet Wells	Size	20'				
	Structure	Masonry		v RCC		
	Railing	Yes		No		
	No. of					
	Delivery					
	Pipes					
	Dia					
Force Main	Material	No	Force	M	ain	•
	Starting					Naya Shehar,
	Point					786V+38J, Naya S Pakistan
	<b>Ending Point</b>					Lat 31.260254°
	Length					Google Long 72.343382° 26/01/23 05:36 Pt
	Size		2.5'x	3′		26/01/23 05:36 PI
Sullage	Shape	R	Rectang	gula	ar	
Carrier	Length		150	·		
	Condition	Good	Fai	r	Poor	The state of the s
Delivery	Dia		6"			
Pipe	Material		C.I			
Constitute Disc	Dia		6"			
Suction Pipe	Material		C.I			a million
	Sluice Valves		4			
Ni mele e e e e	Non-Return		2			Jhang, Punjab 784X+H5M, Jh
Number of	Valves		2			Lat 31.256731°
Valves	Penstock		1			Long 72.34759
Valves						Google 26/01/23 05:36
Ultimate Disp	osal		Open F	ielo	<u></u>	Paradella Company
Civil Structure	Condition	Good	Fai	r	Poor	
Control Room	Structure	Good	Fai	r	Poor	
Discharge Box	Structure	Good	Fai	r	Poor	
Approach to F		Good	Fai	r	Poor	
Hoisting Girde	•	Yes			No	
<u> </u>						1







Integrated Development And Asset Management Plan (IDAMP)										
		Mι	ınicipal	Comm	ittee Jhang	;				
Form:	Sewera	ge Disposal St	ation				А	sset Cod	de:	
IDAMP-A7		Asset Condition Assessment							te: 26-01-2023	
Boundary Wal	II & Gate	Yes	N	n						
Treatment of		Yes	N							
Wastewater d		1.63		<u> </u>						
in m3/day?	any albendige									
(based on	available	71	.54							
information at										
Ultimate d	disposal of									
wastewater?	-									
Elect	ro-Mechanical	<b>Equipment De</b>	tails							
Number of W	APDA Feeders		1							
Transformer C	Capacity (kVA)	10	00							
Number of MC	CU		2							
Sanctioned Lo	ad (kw)	6	0							
Power Factor	Improvement	Yes	N	^						
Equipment		res	IN	0						
Service Cable		Yes	N <sub>1</sub>	0						
Power Wiring		Yes	N <sub>1</sub>	0						
Earthing of Mo		Yes	N <sub>1</sub>	0						
Earthing of Mo		Yes	N <sub>1</sub>	0						
Generator Ava	-	Yes	N							
Light Wiring o	f Pump House	Yes	N							
Change Over		Yes	N(							
				mp De	tail		_	_		
			Pump A					mp B		
Pump Type		Centrifu		n-Clogg	ging	Centrifugal/ Non-Clogging			ogging	
Pump Brand		C I	KSB		D	KSB			D	
Pump Paint		Good	Fair		Poor	Good Fair Poor				
Motor Brand	or of Dum		Siemen	S		Siemens				
Installation Ye Discharge Cap			1992 3			1992 3				
Rotational Spe			960				-	<u>3</u> 960		
Head (ft.)	eu (INFIVI)		40				:	40		
Motor Power	(HD)		40					40		
Pump Daily F	<u> </u>		40							
(Hours)	willing time		12					16		
Base Plate		Yes		N	lo	Yes			No	
	Sluice Valve			•	-	4				
Number of	Non-									
Valves						2				
			Ove	rall Ra	nting					
Average Score	e 1	2			3	4			5	
Asset Condition	Excellen	t Go	od		Fair	Pod	or		Failing	
Category	Α	В	}		С	D			E	
, , , , , , , , , , , , , , , , , , ,		R	emarks	/ Requ	uirements					

Integrated Development And Asset Management Plan (IDAMP)										
Municipal Committee Jhang										
Form: IDAMP-A7	Asset Code: Date: 26-01-2023									
<ul> <li>Wet well get overfilled with solid waste so reinstallation of MS screen is required.</li> <li>There is no back up for electricity, a generator is required for fluent functioning.</li> <li>Sludge carrier drain into Open Fields, where harmful polluted vegetables are produced.</li> <li>A pump is out of order due to pipe breakage, it needs immediate repair.</li> <li>Pen stocks, sluice valves and non-returning valves are needed to be installed.</li> <li>Decreasing detention time of the wet well by making both pumps functional and increasing the working hours.</li> </ul>										
Data Collecte	ed By: Mr. Abdullah	Designation: Team Member	Jufth Sign & Date: 15 May 2023							
Data Checke	d By: Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023							

	Integrated I				ment Plan (IDAMP)
		Municip	al Com	nmittee Jhan	g
Form:		age Disposal S			Asset Code:
IDAMP-A7		Condition Asses	sment	t	Date: 26-01-202
	Asset [				Pictures
Name	1	Khokhr			<u> </u>
Location	Latitude		.26522		
	Longitude		.37370		
Address		Village 269		ad, Jhang	
Area (Kanal/Ac	•		0.75		
Installation Yea	ır	2004 (Un	der Ext	tension)	
Capital Cost	_	27.2	Million	Pkr	T/V
Outfall Drain	Dia		42"		
Sewer	Material		R.C.C		
	No. of Screens		1		
Screening	Screen	Good	Fair	Poor	
Chamber	Condition	dood	ган	FOOI	
Citatibei	Chamber	N/I	asonry	,	
	Structure	IVI	asoniy	/	
	Number		2		GPS Map Camera
	Shape	Rectangular		Circular	Jhang, Punjab, Pakistan
Wet Wells	Size		25'		Village 269 W Rd, Jhang, Punjab, Pakistan
	Structure	Masonry		RCC	Lat 31.265354° Long 72.373366°
	Railing	Yes		No	Google 26/01/23 06:05 PM GMT +05:00
	No. of Delivery			_	
	Pipes				
Force Main	Dia	No Fe	orce M	lain	
	Material				
	Starting Point				

#### **Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang** Form: **Sewerage Disposal Station** Asset Code: **IDAMP-A7 Asset Condition Assessment** Date: 26-01-2023 **Ending Point** Length 2.5'x3' Size Shape Rectangular **Sullage Carrier** 600' Length Condition Good Fair Poor 12" Dia **Delivery Pipe** Material C.I 12" Dia **Suction Pipe** Material C.I **Sluice Valves** 6 Non-Return 3 Number of **Valves Valves Penstock** 2 **Valves Ultimate Disposal** Open Field **Civil Structure Condition** Good Fair Poor **Control Room Structure** Good Fair Poor **Discharge Box Structure** Good Fair Poor **Approach to Pump House** Good Fair Poor No **Hoisting Girder** Yes **Boundary Wall & Gate** Yes No **Treatment of Sewage** Yes No Wastewater daily discharge in m3/day? 13967 (based on available information at MC) **Ultimate** disposal of wastewater? **Electro-Mechanical Equipment Details Number of WAPDA Feeders** 2 Transformer Capacity (kVA) 200 **Number of MCU** 3 Sanctioned Load (kw) 170 **Power Factor** Improvement Yes No Equipment **Service Cable** Yes No **Power Wiring** Yes No **Earthing of Motor** Yes No **Earthing of MCU** Yes No Yes **Generator Availability** No **Light Wiring of Pump House** Yes No **Change Over** Yes No **Pump Detail** Pump A Pump B Pump C Centrifugal/ Non-Centrifugal/ Non-Centrifugal/ Non-**Pump Type** Clogging Clogging Clogging **Pump Brand** KSB **KSB KSB** Fair **Pump Paint** Good Poor Good Fair Poor Good Fair Poor

Integrated Development And Asset Management Plan (IDAMP)											
Municipal Committee Jhang											
Form: IDAMP-A7		•	ge Disposal Station Asset Coondition Assessment Dat								
Motor Brand		Sieme	ns	S	iemens		Sieme	ens			
Installation Yea	r of Pump	2004	4		2004		200	4			
Discharge Capa	city (Cusecs)	5			6		6				
Rotational Spee	ed (RPM)	960	١		960		960	)			
Head (ft.)		40		40 40							
Motor Power (H	HP)	75	75		75		75				
Pump Daily (Hours)	Running Time	4		12			12				
Base Plate		Yes	No	Yes	No	Υ	es	No			
Number of	Sluice Valve		6								
Valves	Non-Returning Valve				3						
			Overall R	ating							
Average Score	1	2		3	4			5			
Asset Condition	Excellent	Good	Good		Poor	Failing		ailing			
Category	Α	В		С	D			E			
		Rema	rks / Req	uirements							

- A pump is out of order as its delivery pipe is broken, it needs to be repaired.
- It has 2 transformers, Urban and Rural. One is functional while other is non-functional and needs to be functional in order to make working of pumps constant.
- Provision of sluice valves and non-returning valves.
- Sludge carrier drops in Open Fields which pollute the crops irrigated and spread diseases.

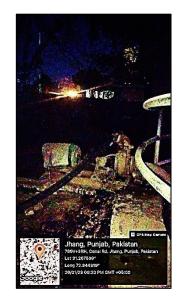
Data Collected By: Mr. Abdullah	Designation: Team Member	Jufth Sign & Date: 15 May 2023
Data Checked By: Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023

Asset Code:

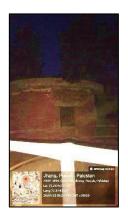
**Pictures** 

Date: 26-01-2023

Form: Sewerage Disposal Station IDAMP-A7 Asset Condition Assessment  Asset Detail Name Islam Nagar	Pictu
IDAMP-A7   Asset Condition Assessment	
Asset Detail Name Islam Nagar	Pictu
Name Islam Nagar	Pictu
Location 21.26739	
Longitude   72.34412	
Address Canal Road, Jhang	
Area (Kanal/Acres) 0.2	
Installation Year 2015	
Capital Cost 3 Million Pkr	
Outfall Drain Dia 18"	
Sewer Material RCC	12h.
No. of	
Screens	
Screening Screen Good Fair Poor	
Chamber Condition	100
Chamber Masonry	
Structure	
Number 1	- VIII ex
Shape Rectangular Circular	
Wet Wells Size 20'	and and
Structure Masonry RCC	Jhang, Punj 789V+3RH, Cenal
Railing Yes No	Let 31.267506 <sup>4</sup> Long 72.844819 <sup>6</sup> 20/01/28 06:20 Pt
No. of	20/3 //28 06-23 /
Delivery 1	
Pipes	De Con
Delivery Pipe Dia 6"	
Material C.1	
Starting Point Wet well	
Ending Point Deep Manhole	ang, Punjab,
	9V+3RH, Cana 31.267477°
Size	ng 72.344211°
No Sullage Carrier	01/23 06:19 P
Carrier Length	1000 500
Condition	
Delivery Pipe Dia 6"	
Material	
Suction Pipe Dia 6"	
Material C.I	
Sluice Valves 2	
Number of Non-Return 1	
Valves	
Penstock   1	
Valves	
Ultimate Disposal Karmanwala Town	Jhang, Pi Any stee, co Law, 2022 (Any)
Civil Structure Condition Good Fair Poor	dlaga
Control Room Structure Good Fair Poor	
Discharge Box Structure Good Fair Poor	
Approach to Pump HouseGoodFairPoor	
Hoisting Girder Yes No	
Boundary Wall & Gate Yes No	







	Integrate	d Developmen	t And Asset M	anagemer	nt Plan (IDAMP)						
	Municipal Committee Jhang										
Form:	Sewera	ge Disposal Sta	tion		P	Asset Code:					
IDAMP-A7		ndition Assess			Date: 26-01-2023						
Treatment of	Sewage	Yes	No								
	aily discharge in										
m3/day?		42	06								
(based o		42	20								
information at	t MC)										
Ultimate	disposal of										
wastewater?											
	ctro-Mechanical E										
Number of W			L								
Transformer C			00								
Number of MO			L								
Sanctioned Lo	• •	2	5								
	r Improvement	Yes	No								
Equipment Service Cable		Yes	No								
Power Wiring		Yes	No								
Earthing of Mo	otor	Yes	No								
Earthing of Mo		Yes	No								
Generator Ava		Yes	No								
Light Wiring o		Yes	No								
Change Over	•	Yes	No								
Ü			Pump Detail								
				Pun	пр A						
Pump Type			Ce	ntrifugal/I	Non-Clogging						
Pump Brand				BE	CO						
Pump Paint				Not Av	ailable						
Motor Brand				BE	CO						
Installation Ye	ar of Pump			20	15						
Discharge Cap				0							
Rotational Spe	eed (RPM)			96	50						
Head (ft.)					0						
Motor Power	, ,			3	0						
	Running Time			1	0						
(Hours)											
Base Plate	61				railable -						
Niahan af	Sluice Valve			-	1						
Number of Valves	Non- Returning			,	1						
vaives	Valve			•	L						
	- vaive		Overall Rating	7							
Average Score	2 1	2		3	4	5					
Asset											
Condition	Excellent	Good	Fa	air	Poor	Failing					
Category	A	В		С	D	E					
, <del>, , , , , , , , , , , , , , , , , , </del>	line and the state of		arks / Require			a proper channel for					

- This disposal station is totally surrounded by residential area so, it requires a proper channel for ultimate disposal as the previous Open Fields land is acquired by residents.
- There is no proper pump house nor any system for controlling.
- MCUs and Power factors are needed.

	Integrated Development And Asset Management Plan (IDAMP)											
	Municipal Committee Jhang											
Form: IDAMP-A7	Sewerage I Asset Condi	Asset Code: Date: 26-01-2023										
• An ac	er control and monitor dditional screen needs ckup generator is requi											
Data Collecte	d By: Mr. Abdullah	Designation: Team Member	Juloh Sign & Date: 15 May 2023									
Data Checked	l By: Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023									

	Integrat	ad Davalo	nment A	nd Assat M	lanagement Plan (IDAMP)
	ппедгас		_	l Committe	
Form: IDAMP-A7		ge Dispos ondition A			Asset Code:
	Asset [	Detail			Pictures
Name		Karn	nanwala <sup>-</sup>	Town	
Location	Latitude		31.28200	2	
Location	Longitude		72.33404	6	
Address		Karman	wala Tow	n, Jhang	
Area (Kanal/A	Acres)		0.5		
Installation Ye	ear		2008		ALCOHOL STATE
<b>Capital Cost</b>		20 Million Pkr			
<b>Outfall Drain</b>	Dia	36"			
Sewer	Material	RCC			
	No. of Screens	1			
Screening Chamber	Screen Condition	Good	Fair	Poor	
	Chamber Structure		Masonry	,	Jhang, Punjab, Pakistan Umralmed Road, Jhang, Punjab, Pakistan Lat 31,281982 Log 22,3340199
	Number		2		Coogle 28/01/23 06:36 PM GMT +05:00
	Shape	Rectang	ular	Circular	
Wet Wells	Size		25'		
	Structure	Mason	ry	RCC	
	Railing	Yes		No	
	No. of				P CPS Map Camera
	Delivery				Jhang, Punjab, Pakistan
	Pipes				Unnamed Road, Jhang, Punjab, Pakistan
Force Main	Dia	No	Force M	lain	Lat 31.282028° Long 72.33406°
	Material				Google 26/01/23 06:36 PM GMT +05:00
	Starting Point				
	<b>Ending Point</b>				

Integrated Development And Asset Management Plan (IDAMP)												
		ı	Muni	cipal	Committe	ee Jhan	g					
Form:	Sewera	ge Dispos	al Sta	ation				Asset Co	de:			
IDAMP-A7	Asset Co	ondition As	sess	men	t			Da	te: 26-01-2023			
	Length											
	Size		2.5	'x3'								
Sullage	Shape	R	ecta	ngula	ır		The state of the s					
Carrier	Length		50	00'								
	Condition	Good	Fa	air	Poor							
Delivery Dine	Dia		8	"				The same of				
Delivery Pipe	Material		С	.1								
Sustian Dina	Dia		8	"								
Suction Pipe	Material		С	.1				1.00				
	Sluice Valves		2	2			B. A	Jhang, Punjab, Pakistan				
Number of	Non-Return		-	2				Lat 31.282017* Long 72.334040* 28/01/23 06:36 PM GMT +05000				
Valves	Valves			<u>-</u>			2000	Telephone de la vida d	1			
July C3	Penstock		-	2								
	Valves											
Ultimate Dispo			Open									
Civil Structure		Good		air	Poor							
Control Room		Good		air	Poor							
Discharge Box		Good		air	Poor							
Approach to P		Good	Fa	air	Poor							
Hoisting Girde		Yes			No							
Boundary Wal		Yes			No							
Treatment of S		Yes			No							
	daily discharge											
in m3/day? (based or	n available	23846										
(based or information at												
	disposal of											
wastewater?	aisposai oi											
	tro-Mechanical	Equipment	t Det	ails								
Number of WA		- 4 - 1 P - 1 1 C 1 1		1								
Transformer C				00								
Number of MC				2								
Sanctioned Lo				0								
	Improvement	M-			No							
Equipment	<u> </u>	Yes			No							
Service Cable		Yes			No							
Power Wiring		Yes			No							
Earthing of Mo		Yes			No							
Earthing of MO		Yes			No							
Generator Availability		Yes Yes			No							
	Light Wiring of Pump House				No							
Change Over		Yes			No							
					mp Detai		I					
B 7				Pum				Pump B				
Pump Type			Su		rsible			Submersible	5			
Pump Brand		C- 1		KSI		)	C !	KSB	D			
Pump Paint		Good		Fai		oor	Good	Fair	Poor			
Motor Brand	an of Durana			Sieme				Siemens				
Installation Ye	ar ot Pump	p 2008				2008						

Integrated Development And Asset Management Plan (IDAMP)								
		Municipal (	Committee Jhang					
Form: Sewerage Disposal Station Asset Code:								
IDAMP-A7	Asset Con	dition Assessment			Date: 26-01-2023			
Discharge Cap	acity (Cusecs)	5			5			
Rotational Spe	eed (RPM)	960		!	960			
Head (ft.)		40			40			
Motor Power		50			50			
Pump Daily (Hours)	Running Time	12			16			
Base Plate		Yes	No	Yes	No			
	Sluice Valve			2				
Number of Valves	Non- Returning Valve			2				
		Ove	rall Rating					
Average Score	e 1	2	3	4	5			
Asset Condition	Excellent	Good	Fair	Poor	Failing			
Category	Α	В	С	D	E			
		Remarks ,	/ Requirements					
pollut • Electr	ltimate disposal is i ed vegetables. icity backup genera le pen stock and no	tor is required.		for the crops as wo	e ultimately eat these			
Data Collected	l By: Mr. Abdullah	Designation: To	eam Member		Julish Sign & Date: 15 May 2023			
Data Checked	By: Mr. M Fiaz	Designation: To	eam Lead	Sign & Date:	aithi			

Integrated Development And Asset Management Plan (IDAMP)								
	Municipal Committee Jhang							
Form: IDAMP-A7		rage Disposal Station Condition Assessment	Asset Code: Date: 26-01-2023					
	Asset	Detail	Pictures					
Name		Gharay bhan						
Location	Latitude	31.275555						
Location	Longitude	72.297222						
Address		Gharay bhan						
Area (Acres)		0.25	A STATE OF THE STA					
Installation Yea	r	2014	7					

	Integrated D	evelopment	t And	Asse	t Managem	ent Plan (IDAMP)
		Munic	ipal C	omm	ittee Jhang	
F		Di	l Ch-	••		A t C d
Form: IDAMP-A7		age Disposation As	Asset Code: Date: 26-01-2023			
	Asset C			ion P	ler	Date: 20-01-2023
Capital Cost Outfall Drain	Dia			1011 P	KI	-
Sewer	Material			CC		
- Conc.	No. of Screens			1		
Screening	Screen	Good	Fa	air	Poor	
Chamber	Condition					
	Chamber Structure		Ma	sonry		
	Number			2		
	Shape	Rectangu	ılar		Circular	
Wet Wells	Size	Rectange		<u>1</u> 25'	Circulai	
Wet Wells	Structure	Masoni		<u>.</u> 5	RCC	-
	Railing	Yes	7		No	
	No. of Delivery	163			110	
	Pipes					
	Dia					
Force Main	Material	No force main				
	Starting Point					
	Ending Point					
	Length					
	Size	4'x4' (Band Cross convert)				1
Cullage Couries	Shape	Rectangular				
Sullage Carrier	Length			50'		
	Condition			air	Poor	
Delivery Pipe	Dia			.2"		
Delivery ripe	Material	HDPE				
Suction Pipe	Dia		12"			
	Material	HDPE				
	Sluice Valves	4				
Number of				2		
Valves	Valves Penstock Valves			1		-
Ultimate Disposa		\\/a	cto M	⊥ /ater	Dond	4
Civil Structure Co		Good		air	Poor	-
Control Room St		Good		air	Poor	1
Discharge Box St		Good		air	Poor	1
Approach to Pun		Good		air	Poor	1
Hoisting Girder	•	Yes			No	1
Boundary Wall & Gate		Yes			No	1
Treatment of Sewage		Yes			No	
Wastewater daily discharge in						]
m3/day?			3.	058		
(based on available information at		3,030				
MC) Ultimate disposal of wastewater?		\A/-	cto \^	/a+c=	Dond	-
				/ater	rond	
Number of WAP	lectro-Mechanical I	Lquipment		2		1
Transformer Cap				, 100		1
Number of MCU	acity (NVA)			2		1
TAUTIDET OF WICO						

	Integrated	Development And	Asset Managemo	ent Plan (IDAMP)			
		Municipal (	Committee Jhang				
Form: Sewerage Disposal Station Asset Code:							
IDAMP-A7		<b>Condition Assess</b>			Date: 26-01-2023		
Sanctioned Load	d (kw)		45				
Power Facto		Yes	No				
Service Cable		Yes	No				
Power Wiring		Yes	No				
Earthing of Mot	or	Yes	No				
Earthing of MCL	J	Yes	No				
Generator Avail	ability	Yes	No				
Light Wiring of F	Pump House	Yes	No				
Change Over	-	Yes	No				
		Pur	np Detail				
		Pu	mp A	Pui	mp B		
Pump Type		Centrifugal/	Non-Clogging	Centrifugal/ Non-Clogging			
Pump Brand		ŀ	(SB	KSB			
Pump Paint		Good	air Poor	Good	air Poor		
Motor Brand		Sie	mens	Siemens			
Installation Year	r of Pump	2	014	20	014		
Discharge Capac	city (Cusecs)		5		5		
<b>Rotational Spee</b>	d (RPM)	g	960	9	60		
Head (ft.)			40	4	40		
Motor Power (H	IP)		60		60		
Pump Daily Run	ning Time (Hours)		8		8		
Base Plate		Yes	No	Yes	No		
Number of	Sluice Valve			4			
Valves	Non-Returning Valve			2			
		Overall Rating					
Average Score	1	2	2 3		5		
Asset Condition	Excellent	Good	Fair	Poor	Failing		
Category	Α	В	С	D	E		
		Remarks ,	/ Requirements				
	•	<u></u>			·		

- No power factor,
- There is no proper screen due to which wet wells are filled with solid wastes
- Screening chamber needs to be installed .
- Two kinds of sewers feed this DS, one 36" sewer and an open drain.
- This drain needs to be covered to avoid SW mixing and avoid environmental pollution.
- Sludge carrier exits into Open Fields which produces harmful vegetables for people.
- Proper arrangement for disposing off sludge is required.

Data Collected By: Mr. Abdullah	Designation: Team Member	Jufoh Sign & Date: 15 May 2023
Data Checked By: Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023

C.	Vehicles/ Machinery							
Sr#	Name	Registration Number	Age (Years)	Condition	Status	Book Value (PKR Mil)	Capacity	
1	Suction Machine-Nissan	JGJ-14-16	14	Fair	Functional	4.32	180 Hp	
2	Jetting Machine-Nissan	JGJ-14-15	16	Fair	Functional	3.87	180 Hp	
3	Dewatering Sets (Total No. 51)	Not applicable -	Not Available -	Good	Functional	4.59	Not Available	
4	Shoulder Foggers (Total No. 12)	Not Applicable	10	Fair	Functional	0.108	Not Available	
5	Spray Pumps (Total No. 18)	Not Applicable	10	Fair	Functional	0.162	Not Available	
6	Safety Gear	Not Available						
7	Sewer Safety Equipment (Total No. 3)	Not Applicable	10	Fair	Functional	0.027	Not Available	

Integrated Development And Asset Management Plan (IDAMP)										
	Municipal Committee Jhang									
Form: Moveable Asset Asset Code:										
IDAMP-A16	Asset Condition Assessment Date: 26-01-2023									
Type of Vehicle / Machinery	Pictures									
Sucker Machine, Jetting Machine										
Compositu	Sucker Machine 4500 Liters	Jetting Machine 4500 Liters								
Capacity Purpose	Suction	Jetting								
Year of Manufacturing	2009	2007								
Model	PKB-211	Nissan								
Capital Cost	Not Available	Not Available								
Fuel Consumption (lit/month)	694	146								
Condition	Fair	Fair								
Engine Capacity	180hp	180hp								
Maintenance Cost	Not Available	Not Available								

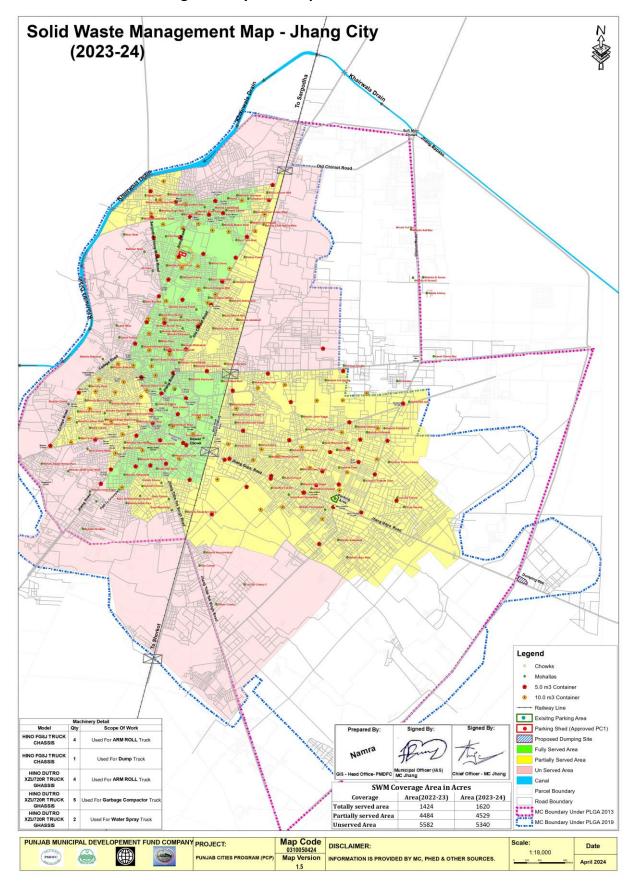
Oiling /Fitness	Yes	Yes						
Fitness Certificate	No	No						
Registered	JGJ-14-16	JGJ-14-15						
Overall Rating	Fair	Fair						
	Remarks / Requirements							
No remarks								
Data Collected By: Mr. Abd	ullah Designation: Team Member	Julih Sign & Date: 15 May 2023						
Data Checked By: Mr. M Fid	nz Designation: Team Lead	Sign & Date: 15 May 2023						

## 3. Solid Waste Management

## 2.1. Key Components of Solid Waste Management System



## 2.2. Solid Waste Management System Map



Asset Code:

Date: 26-01-2023

### A. Dumping Site

Sr #	Name	Age (Years)	Condition	Status	Book Value (PKR Mil)	Area (Acres)	Ownership
1	Dumping Site, Gojra Road	10	Poor	Functional	1581	10	Private
2	Dumping Site, Sargodha Road	8	Poor	Functional	816	5	Private

Integ	rated Develo	oment and As	set Management Plan (IDAMP)			
	N	/lunicipal Com	nmittee Jhang			
Form: IDAMP-A11.1		Solid Waste Dumping Site A Asset Condition Assessment				
Name	Goir	a Road	Pictures			
Latitude	1	40847				
Location Longitude	72.4	01347				
Address	Gojr	a Road				
Area (Acres)		10				
Distance from urban area	12	! km				
Year the site started for dumping service	2	013				
Average waste dumped daily (based on information provided by MC)	Not A	vailable				
EHS SOPs for waste handlers	Not A	vailable				
Availability of PPEs for waste collectors/handlers	Yes No					
Expected Life (Years)		20				
Land Ownership	Pri	vate				
Site Accessibility	F	air				
Surface Type	Flat	Depresse d	Jhang, Pur Jhang - Gojra I Pakistan			
Approach Road Condition	Good <b>F</b>	<b>air</b> Poor	Lat 31.240827			
Parking Shed	Yes	No	Google Long 72.40134 26/01/23 05:50			
Boundary Wall	Yes	No				
Gate	Yes	No				
Ramps	Yes	No				
Any Building at Site	Yes	No				
Weigh Bridge	Yes	No				
Earth Cover Arrangements	Yes	No				
Compaction Equipment	Yes	No				
Plantation Around Site	Yes	No				



Integrated Development and Asset Management Plan (IDAMP)									
	Municipal Committee Jhang								
Form:			Solid Waste Dum	. •		Code:			
IDAMP-A11.1			Asset Condition As	ssessment		Date: 26-01-2023			
Any illegal occupants or encroachments observed-if yes, type		Not Available							
7 - 37 - 71			Overal	l Rating					
Average Score	1		2	3	4	5			
Asset Condition	Excelle	ent	Good	Fair	Poor	Failing			
Category	Α		В	С	D	E			
			Remarks / R	equirements					
proper disp	osal of solic	d waste	astes and dispose on s in respect of env ter utitlization of a	ironment and utiliz					
Data Collected By: Mr. Abdullah			Designation: Team Member		Jufoh Sign & Date: 15 May 2023				
Data Checked By: Mr. M Fiaz			Designation: Tea	ım Lead	Sign & Date: 15 May 2023				

		Integr	ated De					Plan (IDAMP)	
				M	unicipal Co	ommittee Jhar	ng		
Form:			Solid Waste Dumping Site Asset Condition Assessment						Code: Date: 26-01-2023
Name					na Road			Pictures	
Nume	Latitu	de		31.29				rictares	
Location	Longit			72.32					
Address	- 0		S		na Road				
Area (Acres)	)			5					
Distance fro		an area		10	km				
Year the sit		ted for		20	15				· ·
Average wa	aste d infor	lumped mation		Not Av	ailable				
EHS SOPs handlers		waste		Not Av	ailable				7.
Availability waste collec			Υe	es	No	7			
Expected Life	e (Year	rs)		1			-		
Land Owner				Priv		e a cate	The state of	and the last	
Site Accessib	oility			Fa					S. Married L. W.
Surface Type			Fla		Depress d	e			
Approach Ro		ndition	Good			r	100000	and the same of	
Parking Shed			Ye		No	96543398		Harris Braigh Bal	☐ GPS Map Camera
Boundary W	all		Ye		No		)	Jhang, Punjab, Pak 78XG+MM5, Jhang, P	
Gate			Ye		No			Lat 31.299912° Long 72.326731°	
Ramps	- at Cit		Ye		No	Google	е	26/01/23 03:22 PM G	MT +05:00
Any Building		е	Ye Ye		No No				
Weigh Bridg Earth Arrangemen		Cover	Ye		No				
Compaction		ment	Υe	25	No				
Plantation A			Ye		No				
Any illegal encroachme if yes, type	-				ailable				
, , , , , ,					Overa	all Rating			
Average Sc	ore	1			2	3		4	5
Asset Condi		Excel	lent		Good	Fair		Poor	Failing
Categor	у	Α			В	С		D	E
					Remarks /	Requirements			
proper (	disposa	al of solic	waste	s in res	spect of er	vironment and	d utili:	umping site i.e.5 ac zation of land.MC	
Data Collected By: Mr. Abdullah			ıllah	Designation: Team Member  Sign & Date: 15 May 202					

Data Checked By: Mr. M Fiaz	Designation: Team Lead	Mayby
		Sign & Date: 15 May 2023

# B. Vehicles/ Machinery

Sr#	Name	Registration Number	Quantity	Age (Years)	Condition	Status	Book Value (PKR Mil)	Capacity
1	ISUZU-FTR	LEG-08-3689	1	19	Fair	Functional	3.6	4400 CC
2	Tractor-AGTL	JGG 1052	1	17	Fair	Functional	0.504	85 HP
3	Tractor-AGTL	JGG 1051	1	17	Fair	Functional	0.513	85 HP
4	Tractor-Millat	JGG 757	1	20	Fair	Functional	0.342	50 Hp
5	Tractor-Millat	JGG 754	1	20	Fair	Functional	0.351	75 HP
6	Tractor-Millat	JGJ-14-14	1	11	Good	Functional	0.63	75 HP
7	Tractor-Millat	JGJ-14-10	1	12	Good	Functional	0.657	75 HP
8	Tractor-Millat	JGJ-14-11	1	10	Good	Functional	0.675	75 HP
9	Tractor-Millat	JGJ-14-12	1	12	Good	Functional	0.657	75 HP
10	Tractor-Millat	JGJ-14-13	1	11	Good	Functional	0.63	75 HP
11	Tractor-Millat	JG 5659	1	43	Poor	Functional	0.09	50 Hp
12	Tractor-Millat	JGA 4768	1	34	Poor	Functional	0.18	50 Hp
13	Tractor-Millat	JGA 4765	1	34	Poor	Functional	0.18	50 Hp
14	Tractor-Millat	JGB 7108	1	25	Fair	Functional	0.225	75HP
15	Tractor-Millat	JGB 7148	1	30	Poor	Functional	0.198	50HP
16	Tractor-Millat	JG 5660	1	43	Poor	Functional	0.09	50HP
17	Hino	JGJ-14-40	1	9	Good	Functional	3.6	4009 CC
18	Tractor-Millat	Not Registered	1	17	Fair	Functional	0.513	75 HP
19	Isuzu	LEG-08-3703	1	15	Fair	Functional	3.15	4400 CC
20	Tractor-Millat	JGJ-17-41	1	6	Good	Functional	0.9	85 HP
21	Tractor-Millat	JGJ-17-42	1	6	Good	Functional	0.9	85 HP

Sr#	Name	Registration Number	Quantity	Age (Years)	Condition	Status	Book Value (PKR Mil)	Capacity
22	Rickshaw-Road Prince	Rickshaw No.3	1	6	Good	Functional	0.063	150 CC
23	Rickshaw-Road Prince	Rickshaw No 10	1	6	Good	Functional	0.063	150 CC
24	Rickshaw-Road Prince	Rickshaw No.6	1	6	Good	Functional	0.063	150 CC
25	Rickshaw-Road Prince	Rickshaw No.5	1	6	Good	Functional	0.063	150 CC
26	Rickshaw-Road Prince	Rickshaw No.15	1	6	Good	Functional	0.063	150 CC
27	Rickshaw-Road Prince	Rickshaw No.14	1	6	Good	Functional	0.063	150 CC
28	Rickshaw-Road Prince	Rickshaw No.8	1	6	Good	Functional	0.063	150 CC
29	Rickshaw-Road Prince	Rickshaw No.	1	6	Good	Functional	0.063	150 CC
30	Rickshaw-Road Prince	Rickshaw No.4	1	6	Good	Functional	0.063	150 CC
31	Rickshaw-Road Prince	Rickshaw No.7	1	6	Good	Functional	0.063	150 CC
32	Rickshaw-Road Prince	Rickshaw No.	1	6	Good	Functional	0.063	150 CC
33	Rickshaw-Road Prince	Rickshaw No.12	1	6	Good	Functional	0.063	150 CC
34	Rickshaw-Road Prince	Rickshaw No.2	1	6	Good	Functional	0.063	150 CC
35	Rickshaw-Road Prince	Rickshaw No.11	1	6	Good	Functional	0.063	150 CC
36	Rickshaw-Road Prince	Rickshaw No.13	1	6	Good	Functional	0.063	150 CC
37	Isuzu-FTR	LEG 3705	1	16	Fair	Functional	3.87	4400CC
38	Isuzu-NPR	ISA 270	1	Not Available	Fair	Functional	1.08	4400CC
39	Isuzu-NPR	ISA 283	1	Not Available	Fair	Functional	1.08	4400CC
40	Isuzu-NPR	ISA 291	1	Not Available	Fair	Functional	1.08	4400CC
41	Isuzu-NPR	ISA 294	1	Not Available	Fair	Functional	1.08	4400CC
42	2.5-5 m3 containers (Total No. 150)	Not applicable	150	Not Available	Good	Functional	27	Not Available

Sr#	Name	Registration Number	Quantity	Age (Years)	Condition	Status	Book Value (PKR Mil)	Capacity
43	Mobile Workshop	Not applicable	1	1	Excellent	Functional	0.95418	Not Available
44	Hand Cart Waste Tipping Trolley	Not applicable	5	1	Excellent	Functional	0.06075	Not Available
45	Excavator	Not applicable	1	1	Excellent	Functional	29.7675	Not Available
46	Garbage container 0.8 (Cubic meter)	Not applicable	228	1	Excellent	Functional	0.06318	0.8 (Cubic meter)
47	Hand Cart Conventional	Not applicable	182	1	Excellent	Functional	0.02952	Not Available
48	Arm roll truck 5 (Cubic meter)	Not applicable	4	1	Excellent	Functional	6.66225	5 Cubic meter
49	Arm roll truck 10 (Cubic meter)	Not applicable	1	1	Excellent	Functional	12.6927	10 (Cubic meter)
50	Garbage Compactor 8 (Cubic meter)	Not Available	5	1	Excellent	Functional	8.424	8 (Cubic meter)
51	Mini Tipper 1 (Cubic meter)	Not Available	12	1	Excellent	Functional	1.49202	1 (Cubic meter)
52	Water Truck Spray system	Not Available	2	1	Excellent	Functional	7.614	1200 gallon
53	Dump Truck 10 (Cubic meter)	Not Available	1	1	Excellent	Functional	12.6927	10 (Cubic meter)
54	Tractor Model MF-385 4WD	Not Available	7	1	Excellent	Functional	2.00718	385 4WD
55	Mechanical Sweeper	Not Available	2	1	Excellent	Functional	1.73664	Not Available

Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Jhang								
Form:		Moveable Ass	set		Asset Code:			
IDAMP-A16.1		<b>Asset Condition Ass</b>	essment		Date: 26-01-2023			
Type of Vehicle /			Picture	c				
Machinery		NO. OF THE PARTY O						
Tractor								
		Tractor No. 1	Tractor N		Tractor No. 3			
Capacity		85 Hp	85 Hp		50 Hp			
Purpose		SWM	SWM		SWM			
Year of Manufacturing		2006	2006		2003			
Model		FIAT NH 640	FIAT NH 640		MF 240			
Capital Cost		Not Available	Not Available		Not Available			
Fuel Consumpt	on	125	100		48			
(lit/month)					40			
Condition		Fair	Fair		Fair			
Engine Capacity		85 Hp	85 Hp		50 Hp			
Maintenance Cost		Not Available	Not Available		Not Available			
Oiling /Fitness		Yes	Yes		Yes			
Fitness Certificate		No	No		No			
Registered		JGG 1052	JGG 1051		JGG 757			
Overall Rating		Fair	Fair	Fair				
Remarks / Requirements      No remarks								
Data Collected By: Mr	Abdullah	Designation: Team Member		Julsh Sign & Date: 15 May 2023				
Data Checked By: Mr. M Fiaz Designation			Whither					

Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Jhang								
Form:		Moveable Asset Asset Code:						
IDAMP-A16.2		Asset Condition Assessment Date: 26-01-202						
Type of Vehicle /								
Machinery		Pictures						
Tractor								
	Tracto	Tractor No.4 Tractor No. 5 Tractor No.6		5.6	Tractor No. 7	Tractor No. 8		
Capacity	75	Нр	75 Hp	75 Hp		75 Hp	75 Hp	
Purpose	SWM		SWM	SWM		SWM	SWM	
Year of Manufacturing	20	03	2012	2011		2013	2011	
Model	MF 375		MF 375	MF 375		MF 375	MF 375	
Capital Cost	No Avai	ot lable	Not Available	Not Available		Not Available	Not Available	
Fuel Consumption	-	17	70	75		83	175	
Condition	Fa		Fair	Fair		Fair	Fair	
Engine Capacity	-	<del></del> Нр	75 Hp	75 Hp		75 Hp	75 Hp	
Maintenance Cost	N <sub>0</sub>	ot	Not	Not		Not	Not	
	Avai		Available	Available	е	Available	Available	
Oiling /Fitness	ł	es	Yes	Yes		Yes	Yes	
Fitness Certificate	N		No	No		No	No	
Registered	JGG		JGJ-14-14	JGJ-14-1	υ	JGJ-14-11	JGJ-14-12	
Overall Rating	Fa		Fair	Fair		Fair	Fair	
• No remarks								
Data Collected By: Mr. Abdullah Designation: To			nation: Team Me	mber	Sig	July! gn & Date: 15 Mc		
Data Checked By: Mr. M Fi	az	Desigi	nation: Team Lea	d		m Lufti gn & Date: 15 Ma	7	

Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Jhang								
Form:		M	oveable Asset			Asset Co	de:	
IDAMP-A16.3		Asset Co	ondition Assessm	ent		Da	te: 26-01-2023	
Type of Vehicle /		Pictures						
Machinery						_		
Tractor								
	Tracto	or No.9	Tractor No. 10	Tractor No.11		Tractor No. 12	Tractor No. 13	
Capacity		Нр	50 Hp	50 Hp		50 Hp	75 Hp	
Purpose	SV	VM	SWM	SWM		SWM	SWM	
Year of Manufacturing	g 20	)12	1980	1989		1989	1998	
Model	MF	375	MF 240	MF 240		MF 240	MF 375	
Capital Cost		ot	Not	Not		Not	Not	
		ilable	Available	Available		Available	Available	
Fuel Consumption		75	72	87		36	75	
Condition		air	Poor	Poor		Poor	Poor	
Engine Capacity	75	Нр	50 Hp	50 Hp		50 Hp	75 Hp	
Maintenance Cost		ot ilable	Not Available	Not Available		Not Available	Not Available	
Oiling /Fitness		es	Yes	Yes	-	Yes	Yes	
Fitness Certificate	+	lo	No	No		No	No	
Registered		14-13	JG 5659	JGA 4768	2	JGA 4765	JGB 7108	
Overall Rating		air	Poor	Poor	_	Poor	Poor	
			emarks / Require					
No remarks								
Data Collected By: Mr.	Abdullah	Designation: Team Member			Julih Sign & Date: 15 May 2023			
Data Checked By: Mr.	M Fiaz	Desigr	nation: Team Lea	d	Sigi	Mayfa n & Date: 15 Me	ay 2023	

Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Jhang								
Form:		Move	able Asset	Asse	et Code:			
IDAMP-A16.4		Asset Condition Assessment Date: 26-01-202						
Type of Vehicle / Machinery		Pictures						
Tractor								
	Trac	tor No.14	Tractor No. 15	Tractor No.16	Tractor No. 17			
Capacity	!	50 Hp	50 Hp	85 Hp	85 Hp			
Purpose		SWM	SWM	SWM	SWM			
Year of Manufacturing		1993	1980	2017	2017			
Model	N	1F 240	MF 240	MF 385	MF 385			
Capital Cost	Not	Available	Not Available	Not Available	Not Available			
Fuel Consumption		126	72	50	127			
Condition		Poor	Poor	Good	Good			
Engine Capacity	_	50 Hp	50 Hp	85 Hp	85 Hp			
Maintenance Cost	Not	Available	Not Available	Not Available	Not Available			
Oiling /Fitness		Yes	Yes	Yes	Yes			
Fitness Certificate		No	No	No	No			
Registered	JG	B 7148	JG 5660	JGJ-17-41	JGJ-17-42			
Overall Rating		Poor	Poor	Good	Good			
		Rema	rks / Requirements					
No remarks								
Data Collected By: Mr. Al	Designatio	on: Team Member	Jufsh Sign & Date: 15 May 2023					
Data Checked By: Mr. M	Fiaz	Designation: Team Lead			15 May 2023			
Sign & Date: 15 May 2023								

Integrated Development And Asset Management Plan (IDAMP)									
Municipal Committee Jhang									
Form:		N	loveable Asset		Asset Code:				
IDAMP-A16.5		Asset Condition Assessment Date: 26-01-2023							
Type of Vehicle /		Pictures							
Machinery									
Loader Rickshaw									
	Rick	shaw	Rickshaw	Rickshav	N	Rickshaw	Rickshaw		
	N	o.1	No.2	No.3		No.4	No.5		
Capacity	1.5	m³	1.5 m <sup>3</sup>	1.5 m <sup>3</sup>		1.5 m <sup>3</sup>	1.5 m <sup>3</sup>		
Purpose	_	VM	SWM	SWM		SWM	SWM		
Year of Manufacturing		)17	2017	2017		2017	2017		
Model	_	50-LD	RP150-LD	RP150-LD		RP150-LD	RP150-LD		
Capital Cost		lot ilable	Not Available	Not Available		Not Available	Not Available		
Fuel Consumption (lit/month)		18	8	8		8	18		
Condition	Go	ood	Good	Good		Good	Good		
Engine Capacity	15	0 сс	150 cc	150 сс		150 cc	150 сс		
Maintenance Cost		lot ilable	Not Available	Not Available	e	Not Available	Not Available		
Oiling /Fitness	Y	es	Yes	Yes		Yes	Yes		
Fitness Certificate		No	No	No		No	No		
Registered		shaw o.3	Rickshaw No 10	Rickshaw 6	No	Rickshaw No 5	Rickshaw No 15		
Overall Rating	Go	ood	Good	Good		Good	Good		
Remarks / Requirements      No remarks									
Data Collected By: Mr. Ab	Designation: Team Member			Julih Sign & Date: 15 May 2023					
Data Checked By: Mr. M	ēiaz	Designation: Team Lead			Sign & Date: 15 May 2023				

Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Jhang								
Form:		М	oveable Asset			Asset Co	de:	
IDAMP-A16.6		Asset Co	ondition Assessm	ent		Da	te: 26-01-2023	
Type of Vehicle /		Distance						
Machinery				Pictures	<b>S</b>			
Loader Rickshaw								
	Rick	shaw	Rickshaw	Rickshav	N	Rickshaw	Rickshaw	
		0.6	No.7	No.8		No.9	No.10	
Capacity	1.5	i m³	1.5 m <sup>3</sup>	1.5 m <sup>3</sup>		1.5 m <sup>3</sup>	1.5 m <sup>3</sup>	
Purpose	_	VM	SWM	SWM		SWM	SWM	
Year of Manufacturing		)17	2017	2017		2017	2017	
Model		50-LD	RP150-LD	RP150-LD		RP150-LD	RP150-LD	
Capital Cost		ot	Not	Not		Not	Not	
-		ilable	Available	Available	e	Available	Available	
Fuel Consumptio (lit/month)	<b>n</b>   1	16	32	16		18	20	
Condition	Go	ood	Good	Good		Good	Good	
Engine Capacity	15	0 сс	150 cc	150 cc		150 cc	150 cc	
	-	ot	Not	Not		Not	Not	
Maintenance Cost	Ava	ilable	Available	Available	e	Available	Available	
Oiling /Fitness	Y	es	Yes	Yes		Yes	Yes	
Fitness Certificate	ı	10	No	No		No	No	
Registered		naw No	Rickshaw No	Rickshaw	No	Rickshaw No	Rickshaw No	
_		L4	8	9		4	7	
Overall Rating	G	ood	Good	Good		Good	Good	
Remarks / Requirements  No remarks								
Data Collected By: Mr. A	bdullah	Designation: Team Member			Julsh Sign & Date: 15 May 2023			
Data Checked By: Mr. M	Fiaz	Designation: Team Lead			Sign & Date: 15 May 2023			
Sign & Date: 15 May 2023								

Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Jhang								
Form:		М	oveable Asset			Asset Co	de:	
IDAMP-A16.7		Asset Condition Assessment Date: 26-01-2023						
Type of Vehicle / Machinery		Pictures						
Loader Rickshaw				HARM PARTY AND				
	Rick	shaw	Rickshaw	Rickshav	N	Rickshaw	Rickshaw	
		0.11	No.12	No.13		No.14	No.15	
Capacity	1.5	5 m <sup>3</sup>	1.5 m <sup>3</sup>	1.5 m <sup>3</sup>		1.5 m <sup>3</sup>	1.5 m <sup>3</sup>	
Purpose		VM	SWM	SWM		SWM	SWM	
Year of Manufacturing	1anufacturing 2		2017	2017		2017	2017	
Model		50-LD	RP150-LD	RP150-LD		RP150-LD	RP150-LD	
Capital Cost		lot ilable	Not Available	Not Availabl	e	Not Available	Not Available	
Fuel Consumption (lit/month)	1	11	10	20		7	13	
Condition		ood	Good	Good		Good	Good	
Engine Capacity	_	0 сс	150 cc	150 cc		150 cc	150 cc	
Maintenance Cost	- 1	lot	Not	Not		Not	Not	
		ilable	Available	Available		Available	Available	
Oiling /Fitness		es	Yes	Yes		Yes	Yes	
Fitness Certificate		No	No	No		No	No	
Registered		naw No	Rickshaw No	Rickshaw	No	Rickshaw No	Rickshaw No	
_		<u>1</u>	12	2		11	13	
Overall Rating	G	ood	Good	Good		Good	Good	
No remarks		rie.	emarks / Require	ements.				
Data Collected By: Mr. A	Designation: Team Member			Jul Sign & Date: 15 May 2023				
Data Checked By: Mr. M	Fiaz	Desigr	nation: Team Lea	d	Sign & Date: 15 May 2023			

Integrated Development And Asset Management Plan (IDAMP)									
Municipal Committee Jhang									
Form:		M	oveable Asset		Asset	Code:			
IDAMP-A16.8		Asset Co	ndition Assessm	nent		Date: 26-01-2023			
Type of Vehicle / Machinery				Pictures					
Truck		Jhang Sadar, Punjab, Pakistan 78H7+G93, Circular Rd, Madina Colony, Jhang Sadar, Jhang, Punjab, Pakistan Lat 31.278902° Long 72.313355° 27/01/23 08:48 AM GMT +05:00							
		k No.1	Truck No.2	Truck No.					
Capacity	5 m <sup>3</sup>		5 m <sup>3</sup>	5 m <sup>3</sup>	5 m <sup>3</sup>	5 m <sup>3</sup>			
Purpose		erage	SWM	Fire Fighti					
Year of Manufacturing		009	2004	2011	2014	2011			
Model		-211	FTR	ISUZU Tru		ISUZU NPR			
Capital Cost		ot	Not	Not	Not	Not			
-		ilable	Available	Available	e Available	Available			
Fuel Consumptio (lit/month)	б	94	267	146	344	139			
Condition		air	Fair	Good	Good	Good			
Engine Capacity		) HP	4400 cc	8226 cc		4334 cc			
Maintenance Cost		ot ilable	Not Available	Not Available	Not Available	Not Available			
Oiling /Fitness	Y	es	Yes	Yes	Yes	Yes			
Fitness Certificate	N	lo lo	No	No	No	No			
Registered	JGJ-:	14-15	JGJ-12-51	JGJ-14-40	) JGJ-12-52	LEG-08-3703			
Overall Rating	F	air	Fair	Good	Good	Good			
No remarks	Remarks / Requirements      No remarks								
Data Collected By: Mr. Abdullah D			ation: Team Me	mber	Jufsh Sign & Date: 15 May 2023				
Data Checked By: Mr. M Fiaz Designation: Team Lead				Maypy					
		I .			Jigii & Dute. 15	IVIUY ZUZJ			

Integrated Development And Asset Management Plan (IDAMP)									
	Municipal Committee Jhang								
Form:		М	oveable Asset		Asset Code:				
IDAMP-A16.9		Asset Co	ndition Assessn	nent	Date: 26-01-2023				
Type of Vehicle / Machinery				Pictures	i				
Truck		Jhang Sadar, Punjab, Pakistan 78H7+G93, Circular Rd, Madina Colony, Jhang Sadar, Jhang, Punjab, Pakistan Lat 31.278902° Long 72.313355° 27/01/23 08:48 AM GMT +05:00							
	Truc	k No.6	Truck No.7	Truck No.	.8 Truck No.9	Truck No.10			
Capacity	5	m³	5 m <sup>3</sup>	5 m <sup>3</sup>	5 m <sup>3</sup>	5 m <sup>3</sup>			
Purpose	S۱	VM	SWM	SWM	SWM	SWM			
Voor of Monufacturing	2/	007	Not	Not	Not	Not			
Year of Manufacturing	20	007	Available	Available	e Available	Available			
Model	F	TR	NPR	NPR	NPR	NPR			
Caraltal Cart	N	lot	Not	Not	Not	Not			
Capital Cost	Ava	ilable	Available	Available	e Available	Available			
Fuel Consumption (lit/month)	1	44	600	460	125	490			
Condition	F	air	Fair	Fair	Fair	Fair			
Engine Capacity	440	00 сс	4400 cc	4400 cc	4400 cc	4400 cc			
Maintenance Cost	N	lot	Not	Not	Not	Not			
Maintenance Cost	Ava	ilable	Available	Available	e Available	Available			
Oiling /Fitness	Y	es	Yes	Yes	Yes	Yes			
Fitness Certificate	ı	No	No	No	No	No			
Registered	LEG	3705	ISA 270	ISA 283	ISA 291	ISA 294			
Overall Rating		air	Fair	Fair	Fair	Fair			
Ŭ			marks / Require	ements					
No remarks	-								
Data Collected By: Mr. Al	Designation: Team Member			Jufsh Sign & Date: 15 May 2023					
Data Checked By: Mr. M Fiaz De			ation: Team Led	ıd	Sign & Date: 15 May 2023				
					Jigii & Dute. 13 N	1uy 2023			

# 4. Building

# A. Offices

Sr #	Name	Age (Years)	Condition	Total	Book Value (PKR Mil)	Area
1	MC Office	Before Partition	Good	1	163.2	1.1
2	Library	Not Available	Good	1		0.36

	Integrated Development And Asset Management Plan (IDAMP)								
	Municipal Committee Jhang								
Form	:	Building			Asset Code:				
IDAMP-A	IDAMP-A14.2			on Assessme	Date: 26-01-2023				
Name			MC	Office	Pictures				
Location	Latitu	de	31.278858						
Location	Longit	tude	72.	313140					
Address				Road, Jhang Sadar					
Year of Con	structio	n	Before	e Partition					
Land Area (	Acres)			1.1					
No. of Stori				1					
Condition			Good	Fair Poo	r				
Purpose			Munic	ipal Affairs					
No. of Staff	f			Available					
No. of Rooi	ms			37					
Conference	/Meeti	ng Room	Yes	No					
Store Room	Store Room		Yes	No	<b>5</b>				
Study Room/Book Shelf		Yes	No						
Boundary Wall		Yes	No						
Heating & Cooling Arrangement		eating & Cooling Arrangement		No					
Parking Lot	Parking Lots		Yes	No					
Drinking W	Water Facilities		Yes	No					
Availability	and qu	ality of water							
(based on a	available	e water quality	Yes	No					
test reports	s)								
Washroom	s / Sew	erage System	Yes	No					
Separate W	/ashroo	m for Ladies	Yes	No					
Prayers Are	ea/room	1	Yes	No					
Furniture			Yes	No					
Electric App	oliances	(Fans Etc.)	Yes	No					
Machinery	& Equip	ment	Yes	No					
Sports Club	)		Yes	No					
Staff Attend	dance S	ystem	Yes	No					
Emergency			Yes	No					
Fire Fightin	g Syste	n / Equipment	Yes	No					
gate		chairs at entry	Yes	No					
Security Gu	ard		Yes	No					
Park/lawn plantation		outdoor/indoor	Yes	No					

	Integrated Development And Asset Management Plan (IDAMP)									
	Municipal Committee Jhang									
Form:		Building Asset Condition Assessment			Code: Date: 26-01-2023					
IDAMI ATT.2	Overall Rating									
Average Score	1	2	3	4	5					
Asset Condition	Excellent	Good	Fair	Poor	Failing					
Category	Α	В	С	D	E					
	Remarks / Requirements									
No remarks										
Data Collected B	y: Mr. Abdullah	Designation: Ted	ım Member	nber Julih Sign & Date: 15 May 2023						
Data Checked By	: Mr. M Fiaz	Designation: Tea	ım Lead	Sign & Date: 15 May 2023						

		Integrated De	velopmen	t Ar	nd As	set Mana	agement Plan (IDAMP)
			Munio	ipal	Con	nmittee Jl	hang
Form	:		В	uild	ling		As
IDAMP-A	14.1	А	sset Cond	itio	n Ass	essment	
Name				Lib	rary		Picti
Location	Latitu	de	3	1.29	9918	7	
Location	Longi	tude	7	2.32	2374	2	
Address			Naw	az Sl	harif	Park	
Year of Cor	structio	on	No	t Av	/ailak	ole	
Land Area	(Acres)			0.	36		
No. of Stor	ies				1		
Condition			Good		air Poor		
Purpose	Purpose			Lib	rary		
No. of Staf	f		2				
No. of Roo	ms		3		A STATE OF THE PARTY OF THE PAR		
Conference	e/Meeti	ng Room	Yes			No	
Store Roon	-		Yes			No	
Study Roor	n/Book	Shelf	Yes			No	
Boundary \	Nall		Yes			No	Jhang, Po
Heating &	Cooling	Arrangement	Yes			No	Pakistan Lat 31.29918 Long 72.323
Parking Lot	:s		Yes			No	26/01/23 03:
Drinking W	ater Fac	cilities	Yes			No	
Availability	and qu	ality of water					
•	(based on available water quality		Yes			No	
test report	test reports)						
	_	erage System	Yes			No	
Separate W	/ashroo	m for Ladies	Yes			No	



Asset Code: \_

**Pictures** 

Date: 26-01-2023

Integrated Development And Asset Management Plan (IDAMP)									
Municipal Committee Jhang									
Form:		Build	ing		Asset	 Code:			
IDAMP-A14.1	Α	Asset Condition Assessment				Date: 26-01-2023			
Prayers Area/room		Yes	No						
Furniture		Yes	No						
Electric Appliances	Yes	No							
Machinery & Equip	ment	Yes	No						
Sports Club		Yes	No						
Staff Attendance Sy	/stem	Yes	No						
Emergency Alarm S	ystem	Yes	No						
Fire Fighting Systen	n / Equipment	Yes	No						
Ramps for wheel of	chairs at entry	Yes	No						
gate	165	NO							
Security Guard		Yes	No						
Park/lawn o	Park/lawn outdoor/indoor		No						
plantation		Yes	NO						
		Ove	erall Rating						
Average Score	1	2	3	3	4	5			
Asset Condition	Excellent	Good	Fa	air	Poor	Failing			
Category	Α	В		С	D	E			
		Remarks	/ Requireme	ents					
No remarks		_			1				
Data Collected By: N	Designation: Team Member			Jufsh Sign & Date: 15 May 2023					
Data Checked By: M	Designation	n: Team Lead	1	Sign & Date: 15 May 2023					

# B. Residential Building

Sr #	Location	Condition	Total	Area
1	House RAD, J hang Road, J hang City	Fair	1	Not Available
2	House TMO, J hang Road, J hang City	Fair	1	Not Available
3	House Chief Officer near Siddhora School	Fair	1	Not Available
4	House MOF, Tanki no.1, Satellite Town, J hang	Fair	1	Not Available
5	House Sub-Engineer, Tanki no.1, Satellite Town, J hang	Fair	1	Not Available
6	House Tanki no.1, Satellite Town, J hang	Fair	1	Not Available
7	House Tanki no.1, Satellite Town, J hang	Fair	1	Not Available
8	House Tanki no.2, Satellite Town near Riaz Chowk LowIncome Scheme	Fair	1	Not Available
9	House Tanki no.2, Satellite Town Low Income Scheme	Fair	1	Not Available
10	House Near MC Jhang	Fair	1	Not Available
11	House Near MC Jhang	Fair	1	Not Available
12	House Near MC Jhang	Fair	1	Not Available
13	House Near MC Jhang	Fair	1	Not Available
14	House Near MC Jhang	Fair	1	Not Available
15	House Disposal Farooqabad	Fair	1	Not Available
16	House Disposal Harmalpur	Fair	1	Not Available

# C. Shops

Sr #	Location	Age (Years)	Condition	Total	Area sq_ft	Book Value
1	Bhabhrana Mahllah Jhang Saddar Circle (B)	2009	Good	2	15	3.234
2	Tonga Adda, Jhang City Circle (B)	2009	Good	2	20	3.234
3	Chowk Bazar, Jhang City Circle (B)	1986	Good	1	15	1.617
4	Bab-e-Omer Jhang City Circle (B)	2009	Good	2	16	3.234
5	Mall Road Near Islamia high school Circle (A)	2009	Good	1	16	1.617
6	Bab-e-Omer Jhang City Circle (B)	2011	Good	1	24	1.617
7	Mall Road Near Islamia high school Circle (A)	2009	Good	2	25	3.234
8	Qitaa Chameli Market Jhang Saddar Circle (A)	1925	Good	1	30	1.617
9	Bab-e-Omer Jhang City Circle (B)	2009	Good	2	35	3.234
10	Mall Road Near Islamia high school Circle (A)	2009	Good	1	36	1.617
11	Tehsil Road, Jhang saddar Circle (A)	1989-2011	Good	11	50	17.787
12	Mall Road Near Islamia high school Circle (A)	2009	Good	7	50	11.319
13	City Hospital, Jhang City Circle (B)	2005	Good	2	45	3.234
14	Toba Road Near Jatyana Qabrsten Circle (A)	2010	Good	1	40	2.057
15	Mall Road Near Islamia high school Circle (A)	2009	Good	11	55	22.627
16	MB High School, Jhang Sadar Circle (B)	2007	Good	3	60	6.171
17	Shaheed Road, Jhang Sadar Circle (B)	1998	Good	1	59	2.057
18	Chowk Bazar, Jhang City Circle (B)	2009	Good	16	70	36.432
19	Bhabhrana Mahllah Jhang Saddar Circle (B)	2009	Good	1	66	2.057

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20	Mall Road Near Islamia high school Circle (A)	2009	Good	12	70	27.324
21	Saddar Chungi, Jhang Saddar Circle (A)	2005	Good	15	75	34.155
22	Talab Committee, Jhang Sadar Circle (B)	2010	Good	2	64	3.234
23	Tehsil Road, Jhang saddar Circle (A)	1989-2011	Good	44	64	100.188
24	Jameel Shaheed Park Jhang Saddar Circle (A)	1910	Good	1	70	2.497
25	Saddar Chungi, Jhang Saddar Circle (A)	2009	Good	14	95	34.958
26	Mall Road Near Islamia high school Circle (A)	2009	Good	4	90	9.988
27	Sabri Manzil, Jhang Sadar Circle (B)	2011	Good	2	98	4.994
28	General Bus Stand Jhang saddar Circle (B)	2007	Good	10	110	26.07
29	City Hospital, Jhang City Circle (B)	2005	Good	3	103	7.821
30	Bhabhrana Mahllah Jhang Saddar Circle (B)	2009	Good	1	100	2.607
31	Chungi Tobha Road Near Sugar Mill Circle (A)	1993	Good	1	100	2.607
32	Ganda Nala Chowk Jhang City Circle (B)	4	Good	2	118	5.214
33	Mall Road Near Islamia high school Circle (A)	2009	Good	5	110	13.035
34	Saddar Chungi, Jhang Saddar Circle (A)	1992	Good	5	120	13.035
35	MB High School, Jhang Sadar Circle (B)	1995	Good	8	135	22.088
36	Fawara Chowk, Jhang Sadar Circle (B)	1998	Good	4	124	11.044
37	Bhabhrana Mahllah Jhang Saddar Circle (B)	2009	Good	1	121	2.761
38	Canteen Nawaz Sharif Park Jhang City Circle (B)	2007	Good	1	144	2.761
39	General Bus Stand Jhang saddar Circle (B)	1925	Good	1	144	2.761

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40	Jameel Shaheed Park Jhang Saddar Circle (A)	1910	Good	1	144	2.761
41	Sabri Manzil, Jhang Sadar Circle (B)	2011	Good	3	132	8.283
42	Saddar Chungi, Jhang Saddar Circle (A)	1981	Good	1	130	2.761
43	Talab Committee, Jhang Sadar Circle (B)	2011	Good	6	152	16.566
44	Saddar Chungi, Jhang Saddar Circle (A)	1995	Good	4	156	11.044
45	Saddar Chungi, Jhang Saddar Circle (A)	1995	Good	3	172	8.283
46	Shaheed Road, Jhang Sadar Circle (B)	2007	Good	3	165	8.283
47	Talab Committee, Jhang Sadar Circle (B)	2010	Good	15	160	41.415
48	General Bus Stand Jhang saddar Circle (B)	1996	Good	26	225	80.366
49	Bhabhrana Mahllah Jhang Saddar Circle (B)	2009	Good	1	256	3.091
50	General Bus Stand Jhang saddar Circle (B)	1909	Good	2	277.62	6.182
51	General Bus Stand Jhang saddar Circle (B)	1909	Good	1	242	3.091
52	General Bus Stand Jhang saddar Circle (B)	1986, 1993, 1997	Good	22	5440	711.48
53	General Bus Stand Jhang saddar Circle (B)	1999	Good	21	2720	339.57
54	Bhabhrana Mahllah Jhang Saddar Circle (B)	2009	Good	1	625	3.641

## Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Encroachme Litigation **Property** Area Current **Tenant** SR. Latitude Longitude Condition **Business** Code (Sqft) **Exist Address Stories Location Status** Status nt Status Name Status **Tehsil Road** 72.3169348 Owned/ Rented/ Anwar 31.27313616 22046 1 64 1 Commercial No No Good clothes shop Jhang Sadar 2 Managed Igbal Leased Adjacent 72.3172756 Owned/ Rented/ Saleem Ud welding 2 12008 islamia School 31.27159161 80 1 No Commercial No Good 2 Managed Din shop Leased Jhang Mohallah 72.3063066 Owned/ Rented/ Muhamma 3 15004 31.27748167 570 1 No Good animal feed Bhabrahan Commercial No 7 d Tahir Managed Leased Jhang **General Bus** Stand Near 72.3215733 Owned/ Rented/ shike 14048 Adhiwal 225 4 31.28899667 1 Commercial No No Good atuo shop 3 abuzer Managed Leased **Chowk Jhang** City **General Bus** 72.3214566 Owned/ Rented/ Haider atuo work 5 14082 Stand Jhang 31.29141833 2720 1 Commercial No No Good 7 Managed Leased Abbas shop saddar 72.3220883 **General Buss** Owned/ Rented/ auto work 6 14081 31.29128167 2720 1 No No atif sehzad Commercial Good Stand Jhang 3 Managed Leased shop Inside General Bus Owned/ Rented/ Sh. Zafar Auto 7 14024 Stand 31.28915833 72.32228 5440 1 Commercial No No Good Managed Leased Igbal Workshop Sarghodha Road Inside **General Bus** 72.3220266 Rented/ Sh. Zafar Auto Owned/ 14023 31.28923167 5440 8 Stand 1 Commercial No No Good 7 Managed Leased Igbal Workshop Sarghodha Road

# Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Encroachme Litigation **Property** Area Current **Tenant** SR. Latitude Longitude Condition **Business** Code (Sqft) **Exist Address Stories Location Status** Status nt Status Name Status Inside General Bus 72.3223583 Owned/ Rented/ Auto 9 14025 Stand 31.289525 5440 1 Commercial No No Good Sh. Akram 3 Managed Workshop Leased Sarghodha Road Inside General Bus 72.3224716 Owned/ Rented/ baber Auto 10 14027 Stand 31.28969167 5440 1 Commercial No No Good 7 Workshop Managed Leased aslam Sarghodha Road Inside General Bus 72.3224883 Auto Owned/ Rented/ Baber 11 14026 Stand 31.28968 5440 1 Commercial Nο No Good 3 Managed Leased aslam Workshop Sarghodha Road Inside General Bus Owned/ Rented/ Auto 31.28983 12 14020 Stand 72.322595 5440 1 Nο No shike aftab Commercial Good Workshop Managed Leased Sarghodha Road Inside General Bus Owned/ Rented/ sheikh Auto 14019 31.28988 13 Stand 72.322705 5440 1 Commercial No No Good Managed Leased aftab Workshop Sarghodha Road Inside General Bus 72.3229783 Owned/ Rented/ muhamma Auto 14030 31.29002167 4080 14 Stand 1 Commercial No No Good 3 d inaam Workshop Managed Leased Sarghodha Road

# Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop Area No of **Property Ownership** Encroachme Litigation Current **Property Tenant** SR. Latitude Longitude Condition **Business** Code (Sqft) **Exist Address Stories Location Status** Status nt Status Name Status Inside General Bus 72.3229366 New Khan Owned/ Rented/ Auto 15 14031 Stand 31.29014167 5440 1 Commercial No No Good 7 Managed Leased Transport Workshop Sarghodha Road General Bus Stand Syed Ijaz Owned/ Rented/ Auto 14015 31.290365 72.322885 5440 1 No No Good 16 Commercial Sarghodha Managed Leased Hussain Workshop Road Inside **General Bus** 72.3229583 Syed Amjad Owned/ Rented/ Auto 17 14033 Stand 31.29038667 5440 1 Commercial No No Good 3 Tagihah Managed Leased Workshop Sarghodha Road Inside **General Bus** 72.3231766 Rented/ Auto Owned/ ismaeel 18 14060 Stand 31.2907 5440 1 Commercial No No Good khan 7 Managed Leased Workshop Sarghodha Road Inside **General Bus** Owned/ Rented/ Baloch Auto 19 14061 Stand 31.29078833 72.32331 5440 1 Commercial No No Good Managed Leased Transport Workshop Sarghodha Road Inside **General Bus** 72.3234416 Owned/ Rented/ Auto 14034 31.29107167 5440 20 Stand 1 Commercial No No Good M. Zahid 7 Managed Leased Workshop Sarghodha Road

# Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Encroachme Litigation **Property** Area Current **Tenant** SR. Latitude Longitude Condition **Business** Code (Sqft) **Exist Address Stories Location Status** Status nt Status Name Status Inside General Bus Owned/ Rented/ Auto 21 14028 Stand 31.29114 72.3235 5440 1 Commercial No No Good **Iman Niwaz** Managed Workshop Leased Sarghodha Road Inside General Bus 72.3232933 Owned/ Rented/ Auto 22 14039 Stand 31.29116833 2720 1 Commercial No No Good M. Yaseen 3 Workshop Managed Leased Sarghodha Road Inside General Bus 72.3232083 shike Auto Owned/ Rented/ 23 14040 Stand 31.29100167 2720 1 Commercial Nο No Good 3 akram Workshop Managed Leased Sarghodha Road Inside General Bus 72.3229366 Owned/ Rented/ shike Auto 24 14036 Stand 31.29112333 2720 1 Nο Nο Commercial Good 7 akram Workshop Managed Leased Sarghodha Road Inside General Bus M. 72.3223466 Owned/ Rented/ Auto 14021 5440 25 Stand 31.29064667 1 Commercial No No Ashrafhahe Good 7 Managed Leased Workshop Sarghodha en Road Inside General Bus 72.3226866 Owned/ Rented/ sarwer Auto 14042 31.29114167 2720 26 Stand 1 Commercial No No Good 7 bashir Workshop Managed Leased Sarghodha Road

# Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Encroachme Litigation **Property** Area Current **Tenant** SR. Latitude Longitude Condition **Business** Code (Sqft) **Exist Address Stories Location Status** Status nt Status Name Status Inside General Bus Owned/ Rented/ Muhamma Auto 27 14043 Stand 31.29116833 72.3225 2720 1 Commercial No No Good Managed d Asghar Workshop Leased Sarghodha Road Inside General Bus Owned/ Rented/ Auto 28 14044 Stand 31.29120833 72.322365 2720 1 Commercial No No Good sabir ali Workshop Managed Leased Sarghodha Road Inside General Bus Riaz ud din 72.3221233 Auto Owned/ Rented/ 29 14045 Stand 31.29120833 2720 1 Commercial Nο No Good & Zaheer 3 Workshop Managed Leased Sarghodha ud din Road Inside General Bus Owned/ Rented/ Mubashirh Auto 30 14046 Stand 31.291305 72.321795 2720 1 Nο Nο Commercial Good ahzad Workshop Managed Leased Sarghodha Road Inside General Bus Owned/ Rented/ Haji Auto 14038 72.32128 2720 31 Stand 31.29144333 1 Commercial No No Good Managed Leased Tarighfaat Workshop Sarghodha Road Inside General Bus 72.3211783 Owned/ Rented/ Ghulam Auto 32 14037 31.29147667 2720 Stand 1 Commercial No No Good 3 Mujtaba Workshop Managed Leased Sarghodha Road

# Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Encroachme Litigation **Property** Area Current **Tenant** SR. Latitude Longitude Condition **Business Exist** Code **Address** (Sqft) **Stories** nt Status Name **Location Status** Status Status **Head Octroi** 72.3175863 Owned/ Rented/ Mazhar 31.27169445 19007 33 92 1 Commercial No No Good **Autos Shop** Post Jhang 2 Managed Abbas Leased **Head Octroi** 72.3176398 Owned/ Rented/ Mazher 34 19008 31.2717005 92 1 Commercial No No Good **Autos Shop** Post Jhang 1 Managed Leased Abbas **Head Octroi** Owned/ Rented/ 19022 31.27170167 72.317715 92 1 35 Commercial No No Good Zafar Iqbal **Autos Shop** Post Jhang Managed Leased **General Bus** Stand Near 72.3209633 Owned/ Rented/ 36 14075 Adhiwal 31.28902167 225 Khawer 1 Commercial No No Good **Autos Shop** 3 Managed Leased **Chowk Jhang** City General Bus Stand Near Owned/ Rented/ Muhamam 37 14050 31.28901 72.3214 225 1 Adhiwal Commercial No No Good **Autos Shop** d Muaz Managed Leased **Chowk Jhang** City Inside **General Bus** 72.3226533 Owned/ Rented/ 38 14029 Stand 31.290025 1360 1 Commercial No No Good M. Yaqoob **Autos Shop** 3 Managed Leased Sarghodha Road Inside **General Bus** 72.3233016 Owned/ Rented/ Muhamma 39 14078 31.29109667 2720 1 No No Stand Commercial Good **Autos Shop** 7 Managed Leased d Ashraf Sarghodha Road Sabri Manzil Owned/ Ghulam **Autos Shop** Rented/ 40 17001 Circular Road 31.2772 72.314735 216 1 Commercial No No Good Managed Leased Sarwar fancy parts Jhang Sadar

# Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Encroachme Litigation **Property** Area Current **Tenant** SR. Latitude Longitude Condition **Business** Code (Sqft) **Exist Address Stories Location Status** Status nt Status Name Status **Tehsil Road** 72.3167444 Owned/ Rented/ Muhamma 31.27353935 22032 41 64 1 Commercial No No Good baan shop Jhang Sadar Managed d Asghar Leased **Tehsil Road** 72.3168555 Owned/ Rented/ Muneer baancharpai 42 22049 31.27328799 64 1 Commercial No No Good Jhang Sadar 8 Managed Leased Ahmad shop Tehsil Road 72.3168400 Owned/ Rented/ 31.27332741 43 22043 64 1 Commercial No No Good M.shafi bag faroosh Jhang Sadar 6 Managed Leased Toba Tek 72.3176283 Owned/ Muhamma Rented/ 23001 Singh Road 31.27051833 64 2 **Partial** No 44 Commercial Good Bans Shop 3 Managed Leased d Hussain Jhang Sadar Tehsil Road 72.3168033 bar Dana Owned/ Rented/ 22051 31.27342167 45 64 1 Commercial No No M. Tahir Good Jhang Sadar 3 Managed Leased shop General Bus Stand Near 72.3209416 Owned/ Rented/ 14058 Adhiwal 31.28901167 225 1 No 46 Commercial No Good hassan ijaz Barbar Shop 7 Managed Leased **Chowk Jhang** City General Bus Stand Near Owned/ Rented/ 47 14052 Adhiwal 31.28898333 72.32121 225 1 Commercial No No Good baber Barbar Shop Managed Leased **Chowk Jhang** City General Bus Stand Near 72.3212783 Owned/ Rented/ 48 14051 Adhiwal 31.28901 225 1 No Commercial No Good Ahsanullah **Barbar Shop** 3 Managed Leased **Chowk Jhang** City

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Litigation **Property** Area Encroachme Current Tenant SR. Latitude Longitude Condition **Business** (Sqft) **Exist** Code **Address Stories** nt Status **Location Status** Status Status Name Adjacent 72.3171886 Owned/ Rented/ Hashmat Barbara 49 12038 islamia School 31.27191601 90 1 Commercial No No Good 7 Managed Leased Ullah shop Jhang Near TMA 72.3135359 Owned/ Rented/ Adnan 21015 31.27842248 50 165 1 Commercial No No Good **Barber Shop** Office 5 Managed Leased Aslam Adjacent 72.3171133 Owned/ Rented/ 51 12001 31.27215 70 1 islamia School Commercial No No Good M. Hafeez **Barber Shop** 3 Managed Leased Jhang Adjacent 72.3171266 Owned/ Rented/ 52 12005 islamia School 31.27210333 80 1 Commercial No No M. Fiyaz Barber Shop Good 7 Managed Leased Jhang **Tehsil Road** 72.3166683 Owned/ Rented/ 53 22034 31.27358833 64 1 No No Zulafgar Ali Commercial Good Barber shop 3 Jhang Sadar Managed Leased Inside **General Bus** 72.3208733 Owned/ Rented/ 54 14062 31.28905333 5440 1 Stand Commercial No No Good hassan ijaz barber shop 3 Managed Leased Sarghodha Road Adjacent 72.3170922 Owned/ Rented/ 55 12002 islamia School 31.27218545 70 1 Commercial No No Good M. Hafeez Barber shop 7 Managed Leased Jhang 72.3168946 **Tehsil Road** Owned/ Rented/ Intsaar 22015 31.27306746 56 64 1 Commercial No No Good Barton store Jhang Sadar Ahmad 1 Managed Leased Tehsil Road 72.3163329 Owned/ Rented/ Rizwan bedsheet 57 22029 31.27358949 66 1 Commercial No No Good Jhang Sadar 4 Managed Leased abbas shop General Bus Owned/ Rented/ Muhamma 2720 58 14083 Stand Jhang 31.2915 72.32142 1 No No Good Commercial betry shop Managed Leased d Ansar saddar

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 No of **Ownership** Litigation Shop **Property** Area **Property** Encroachme Current Tenant SR. Latitude Longitude Condition **Business** Code **Address** (Sqft) **Exist Stories Location Status** Status nt Status Status Name General Bus Stand Near 72.3217116 Owned/ Rented/ 59 14080 Adhiwal 31.291315 2720 1 Commercial No No Good Bettery shop ansar ali 7 Managed Leased **Chowk Jhang** City General Bus Stand Near Owned/ Rented/ 60 14055 Adhiwal 31.28898833 72.321075 225 1 Commercial No No Good haji irshad bettry shop Managed Leased **Chowk Jhang** City 72.3172133 **Head Octroi** Owned/ Rented/ Usman 19020 31.27157167 61 98 1 Commercial No No Good **Book Depot** 3 Post Jhang Managed Leased Haider 708700 City Hospital Owned/ Rented/ Muhamma 62 72.322005 **Book Depot** 31.30476167 40 1 Commercial No No Good 4 Jhnag City Managed Leased d Igbal **Head Octroi** Owned/ Rented/ Abubakar 19027 31.272115 63 72.31752 156 1 Commercial No No Good Book shop Post Jhang Managed Leased Amin **Head Octroi** 72.3173183 Owned/ Rented/ Ameer 19032 31.27185 75 1 64 Commercial No No Good Book shop Post Jhang 3 Managed Leased Hamza 72.3171877 Saddar Owned/ Rented/ 19001 31.27179869 65 98 1 Commercial No No Good Hafiz irfan book shop Chungi Jhnag 2 Managed Leased Adjacent 72.3172491 Owned/ Rented/ 66 12042 islamia School 31.27170053 63 1 Commercial No No Good M. Asif book shop 4 Managed Leased Jhang 72.3174116 **Head Octroi** Owned/ Rented/ Book shop 67 19033 31.27191167 75 1 Commercial No No Good Hamza 7 Post Jhang Managed Leased godown jameel park 72.3227833 Owned/ Rented/ Hassan 11001 31.27427333 2 68 144 Commercial Full No Good canteen 3 canteen Managed Leased Raza Amir

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Litigation **Property** Area Encroachme Current Tenant SR. Latitude Longitude Condition **Business Exist** Code **Address** (Sqft) **Stories Location Status** Status nt Status Status Name Mohallah Owned/ Rented/ Perveez Chamrha 69 15001 Bhabrana 31.27757667 72.306585 564 1 Commercial No No Good Managed Leased Akhtar Karkhana Jhang Sadar **Tehsil Road** 72.3168896 Owned/ Rented/ Muhamma chicken 22016 31.27317457 64 70 1 Commercial No No Good Jhang Sadar Managed Leased d Magbool faroosh 72.3247383 **Chowk Bazar** Owned/ Rented/ 71 402 31.30524667 64 1 Commercial No No Good Abdul Aziz chicken shop Jhang City 3 Managed Leased Adjacent 72.3172616 Owned/ Rented/ clay utensils 72 12039 islamia School 31.27186167 56 1 Commercial No No Good Liagat Ali 7 Managed Leased shop Jhang Adjacent 72.3172599 Owned/ Rented/ Abdul clay utensils 73 12043 islamia School 31.27165691 63 1 Commercial No No Good 2 Managed Leased Maalik shop **Jhang Tehsil Road** Owned/ Rented/ clay utensils 22047 31.27312333 72.3169 64 1 No Ghafoor 74 Commercial No Good shop Jhang Sadar Managed Leased Tehsil Road Owned/ Rented/ Muhamma 75 22019 31.27335 72.31679 64 1 No cloth house Commercial No Good Jhang Sadar Managed Leased d Arif **Tehsil Road** 72.3163166 Owned/ Rented/ Rizwan 22039 31.27373333 cloth house 76 66 1 Commercial No No Good Jhang Sadar Managed Leased **Abbas** Shaheed 72.3150683 Owned/ Rented/ Saleem 77 20002 Road Sadr 31.27610833 164 1 Cloth Shop Commercial Nο Yes Good 3 Managed Akhtar Leased Jhang Shaheed Owned/ Rented/ Saleem 78 20003 Road Sadr 31.27617667 72.31514 164 1 Commercial No Yes Good Cloth Shop Managed Leased Akhatar Jhang **Tehsil Road** 72.3170083 Muhamma Owned/ Rented/ 22007 31.27290333 64 1 79 Commercial No No Good cloth shop 3 Jhang Sadar Managed Leased d Sadiag

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 No of **Property Ownership** Litigation Shop **Property** Area Encroachme Current Tenant SR. Latitude Longitude Condition **Business Exist** Code **Address** (Sqft) **Stories** Name **Location Status** Status nt Status Status **Tehsil Road** 72.3169327 Muhamma Owned/ Rented/ 31.27294569 22008 80 64 1 Commercial No No Good Cloth Shop Jhang Sadar 3 Managed d arif Leased **Tehsil Road** Owned/ Rented/ 81 22030 31.27348 72.31675 64 1 Commercial No No Good Bisharat Ali Cloth Shop Jhang Sadar Managed Leased **Tehsil Road** Owned/ Rented/ 82 22031 31.27350333 72.316975 64 1 Commercial No No Good Bisharat Ali Cloth Shop Jhang Sadar Managed Leased **Tehsil Road** 72.3167133 Owned/ Rented/ Umer 22044 64 1 83 31.2736 Commercial No No Good cloth shop 3 Jhang Sadar Usman Managed Leased 72.3166448 **Tehsil Road** Owned/ Rented/ 22052 31.27357219 84 64 1 Commercial No No Good Asif Iqbal Cloth Shop Jhang Sadar 9 Managed Leased **Tehsil Road** 72.3166182 Owned/ Rented/ 22023 31.27358706 50 85 1 Commercial No No Asif Iqbal Cloth Shop Good Jhang Sadar 2 Managed Leased **Tehsil Road** Owned/ Rented/ shahid 31.27366 86 22036 72.31655 50 1 Commercial No No Good cloth shop Jhang Sadar Managed Leased Iqbal **Tehsil Road** 72.3166121 Owned/ Rented/ 22024 31.27358962 50 87 1 Commercial No No Good M. Riaz Cloth Shop 5 Jhang Sadar Managed Leased **Tehsil Road** 72.3165283 M. Kashif Owned/ Rented/ 88 22021 31.27363333 50 1 Commercial No No Good Cloth Shop Jhang Sadar 3 Managed Leased Iqbal **Tehsil Road** 72.3164925 Owned/ Rented/ Muhamma 89 22053 31.27358704 50 1 Commercial No No Good Cloth Shop Jhang Sadar 7 Managed Leased d wagar **Tehsil Road** 72.3165416 Owned/ Rented/ 90 22020 31.27394 50 1 No kashif iqbal Cloth Shop Commercial No Good Jhang Sadar 7 Managed Leased 72.3164864 Tehsil Road Rented/ Owned/ Muhamma 91 22037 31.27362391 50 1 No Cloth Shop Commercial No Good Jhang Sadar Managed Leased d Wagar

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Encroachme Litigation **Property** Area Current Tenant SR. Latitude Longitude Condition **Business Exist** Code **Address** (Sqft) **Stories** nt Status **Location Status** Status Status Name **Tehsil Road** 72.3164383 Rented/ Owned/ waqar 31.27363667 22002 92 50 1 Commercial No No Good Cloth shop Jhang Sadar 3 Managed hussain Leased **Tehsil Road** 72.3164116 Owned/ Rented/ Zahid 93 22026 31.27361833 50 1 Commercial No No Good cloth shop Jhang Sadar 7 Ahmad Managed Leased Tehsil Road 72.3164244 Owned/ Rented/ Makhmoor 94 22027 31.27362432 Cloth Shop 50 1 Commercial No No Good Jhang Sadar Ahmad Managed Leased **Tehsil Road** 72.3163683 Owned/ Rented/ 22025 66 1 95 31.2736 Commercial No No Good Ijaz Ahmad cloth shop 3 Jhang Sadar Managed Leased 72.3163238 **Tehsil Road** Makhmoor Owned/ Rented/ 22028 31.27358819 66 1 Cloth Shop 96 Commercial No No Good Jhang Sadar 5 Managed Ahmad Leased cloth **Tehsil Road** Owned/ Muhamma Rented/ 97 22038 31.27366833 72.31635 66 1 Commercial No No Good stitching Jhang Sadar Managed Leased d Naeem shop **Tehsil Road** 72.3168894 Owned/ Rented/ Abdul clothe 98 22014 31.27302773 64 1 Commercial No No Good Jhang Sadar Managed Leased Razaq center **Tehsil Road** 72.3169220 Rented/ Owned/ Muhamma 99 22045 31.27311653 64 1 Commercial No No Good clothes shop 7 Jhang Sadar Managed Leased d Abbas **Head Octroi** Owned/ Rented/ 19016 31.27207 72.31722 180 100 1 Commercial No No Good M. Younas Coal shop Post Jhang Managed Leased Near Rail 72.3148083 Owned/ Rented/ **Bazar Chowk** 31.27664333 101 13002 135 1 Commercial No No Good M. Ijaz Cold Corner 3 Managed Leased Jhang Sadar 708700 **Near TMA** 72.3217083 Owned/ Rented/ 102 31.3048 103 1 Commercial No No Good Cold Corner imran 2 Office 3 Managed Leased

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Encroachme Litigation **Property** Area Current Tenant SR. Latitude Longitude Condition **Business** (Sqft) **Exist** Code **Address Stories Location Status** Status nt Status Status Name Near Rail Owned/ Rented/ Muhamma Cold Drink 103 13011 **Bazar Chowk** 31.27701667 72.314615 135 1 Commercial No No Good Managed Leased d Amjad Corner Jhang Sadar **General Bus** Stand Near cold drink Owned/ Rented/ 14049 Adhiwal 1 104 31.28899667 72.32149 225 Commercial No No Good wajid ali Managed Leased cornor shop **Chowk Jhang** City Near TMA 708700 72.3216883 Owned/ Rented/ cold Drink 31.30480167 45 105 1 Commercial No No Good imran 3 Office 3 Managed shop Leased Baba Umar Rented/ cold Drink Owned/ 106 1001 31.30579667 72.32777 24 2 Full No habib **Gate Jhang** Commercial Good Managed Leased shop City **General Bus** Stand Near 72.3215533 Owned/ Rented/ Muhamma cold Drink Adhiwal 107 14064 31.28926833 110 1 Commercial No No Good 3 Managed Leased d waseem shop **Chowk Jhang** City Tehsil Road Owned/ Rented/ Fahad 22011 31.27297667 108 72.317005 64 1 Commercial No No Good Crockery Jhang Sadar Managed Leased Razzag 72.3170483 **Tehsil Road** Owned/ Rented/ Faisal 109 22012 31.272975 64 1 No Commercial No Good Crockery Jhang Sadar 3 Managed Leased Razaq Muhamma **Chowk Bazar** Owned/ Rented/ crockery 110 4008 31.30501667 72.324575 72 1 Commercial No No Good Jhang City Managed Leased d ahsan shop **Chowk Bazar** 72.3245916 Owned/ Rented/ Muhamma crockery 4015 31.30517667 72 1 No 111 Commercial No Good Jhang City 7 Managed Leased d ahsan shop

City

# Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Litigation **Property** Area Encroachme Current **Tenant** SR. Latitude Longitude Condition **Business Exist** Code **Address** (Sqft) **Stories** nt Status **Location Status** Status Status Name Adjacent 72.3171916 Owned/ Rented/ Khalid cusmatics 12016 islamia School 31.27141177 56 1 112 Commercial No No Good 6 Managed Leased Mehmood shop Jhang Adjacent 72.3173256 Khalid Owned/ Rented/ cusmatics 12014 islamia School 31.27147045 54 113 1 Commercial No No Good Mehmood Managed Leased shop **Jhang** Near Rail 72.3146983 cycle spare Owned/ Rented/ 13010 31.27686333 135 114 **Bazar Chowk** 1 Commercial No No Good Akbar Ali Managed Leased parts Jhang Sadar 72.3142866 Near Sabzi Owned/ Rented/ 115 18001 31.28376167 121 1 Commercial No No hamayu Cycle Store Good Mandi Managed Leased Muhamma 72.3137999 d Dawood Near MC Owned/ Rented/ Dream 116 21003 31.27832053 152 1 Commercial No No Good Office 5 Zeeshan Builder Managed Leased Ahmad **General Bus** Stand Near 72.3209266 Owned/ Rented/ Muhamma dry cleaning 117 14057 Adhiwal 31.28901333 225 1 Commercial No No Good 7 Managed Leased d imran shop **Chowk Jhang** City **General Bus** Stand Near 72.3211233 Owned/ Rented/ dry fruit 14054 Adhiwal 31.28901333 225 1 saeed khan 118 Commercial Nο No Good 3 Managed Leased shop **Chowk Jhang** City General Bus Stand Near Munir 72.3208133 Owned/ Rented/ Dryfroit 14073 Adhiwal 31.289215 225 Ahmadhahi 119 1 Commercial No No Good 3 Managed Leased shop **Chowk Jhang**

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Litigation **Property** Area Encroachme Current Tenant SR. Latitude Longitude Condition **Business** Code **Address** (Sqft) **Exist Stories Location Status** Status nt Status Status Name Sabri Manzil Electric Owned/ Rented/ Muhamma 120 17004 31.27702667 72.314615 132 1 Circular Road Commercial No No Good reapiring Managed Leased d Sohail Jhang Sadar shop Near Rail 72.3148016 Owned/ Rented/ Electric 13009 31.27699333 135 M. Majid 121 **Bazar Chowk** 1 Commercial No No Good 7 Managed Leased Store Jhang Sadar Near Rail 72.3147833 Owned/ Rented/ Electric 13008 31.27692167 122 **Bazar Chowk** 135 1 Commercial No No Good M. Tanveer 3 Managed Leased Store Jhang Sadar Near Rail Electric Owned/ Rented/ 123 13006 **Bazar Chowk** 31.27687 72.314875 135 1 Yes M. Naeem Commercial No Good Managed Leased Store Jhang Sadar Near Rail Muhamma Electric Owned/ Rented/ 124 13003 **Bazar Chowk** 31.27674667 72.315005 135 1 Commercial No No Good Managed Leased d Ijaz Store Jhang Sadar 708700 **Near TMA** Owned/ Rented/ 31.30491 125 72.32177 103 1 Commercial No No Good Haq Niwaz **Empty** Office 1 Managed Leased Chowk Bazar Owned/ Rented/ Muhamma 4010 126 31.30519667 72.32467 72 1 Commercial No No Good **Empty** Jhang City Managed Leased d Arshad 72.3246633 Rented/ **Chowk Bazar** Owned/ Muhamma 127 4012 31.30518667 72 1 Commercial No No Good **Empty** 3 Managed Leased d Arshad Jhang City General Bus Stand Near 72.3212433 Owned/ Rented/ 128 Adhiwal 31.28899 225 1 No No Commercial Good in auction empty 3 Managed Leased **Chowk Jhang** City General Bus 72.3213633 Owned/ Rented/ 129 Stand Near 31.288975 225 1 Commercial No No Good in auction empty 3 Managed Leased Adhiwal

# Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop Area No of **Property Ownership** Encroachme Litigation **Property** Current **Tenant** SR. Latitude Longitude Condition **Business** Code **Address** (Sqft) **Exist Stories Location Status** Status nt Status Name Status Chowk Jhang City General Bus Stand Near 72.3215733 Owned/ Rented/ 130 Adhiwal 31.28900833 225 1 Commercial No No Good in auction empty 3 Managed Leased Chowk Jhang City **General Bus** Stand Near Owned/ Rented/ 131 Adhiwal 31.28899 72.321565 110 1 Commercial No No Good in auction empty Managed Leased Chowk Jhang City General Bus Stand Near Owned/ Rented/ 132 Adhiwal 31.28899667 72.321615 110 1 Commercial No No Good in auction empty Managed Leased **Chowk Jhang** City **General Bus** Stand Near 72.3216883 Owned/ Rented/ 133 Adhiwal 31.289245 225 1 No No Good Commercial in auction empty 3 Managed Leased **Chowk Jhang** City Inside **General Bus** 72.3216716 Owned/ Rented/ 134 31.28943333 99 Stand 1 Commercial No No Good in auction empty 7 Managed Leased Sarghodha Road General Bus 72.3217133 Owned/ Rented/ 135 14067 Stand Near 31.289425 110 1 Commercial No No Good in auction empty 3 Managed Leased Adhiwal

# Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop Area No of **Property Ownership** Encroachme Litigation **Property** Current Tenant SR. Latitude Longitude Condition **Business** Code **Address** (Sqft) **Exist Stories** Status nt Status Name **Location Status** Status **Chowk Jhang** City Gerneral Bus Owned/ Rented/ 2 136 10002 31.289355 72.32173 242 Commercial No No Good in auction empty Stand jhang Managed Leased Inside General Bus Owned/ Rented/ 137 Stand 31.29052833 72.323055 5440 1 Commercial No No Good in auction empty Leased Managed Sarghodha Road Inside General Bus 72.3222416 Owned/ Rented/ 138 14084 Stand 31.29046833 5440 1 Commercial No No Good in auction empty 7 Managed Leased Sarghodha Road Toba Road Owned/ Rented/ 139 **Near Sugar** 31.22788 72.333345 100 2 Commercial No No Good in auction empty Managed Leased Mill Basti 208700 Owned/ Rented/ 140 Abdullahpur 31.28011667 72.309375 121 1 Commercial No No Good Humayeo empty 1 Managed Leased Jhang City Mohallah Owned/ Rented/ 141 2006 Bhabrana 31.277615 72.30652 1360 1 Commercial No No Good ali raza empty Managed Leased Jhang Sadar 72.3174633 **Head Octroi** Owned/ Rented/ Muzaffar Falooda 19043 31.27188333 156 142 1 Commercial No No Good Post Jhang 3 Managed Ali Shop Leased 72.3174783 Muzaffar Head Octroi Owned/ Rented/ Falooda 19044 31.27195333 72 143 1 Commercial No No Good Post Jhang 3 Ali Managed Leased shop

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Litigation **Property** Area Encroachme Current Tenant SR. Latitude Longitude Condition **Business** (Sqft) **Exist** Code **Address Stories Location Status** Status nt Status Status Name Adjacent 72.3173116 Owned/ Rented/ Fine Lock 12020 islamia School 31.27159667 80 1 Bilal Haider 144 Commercial No No Good 7 Managed Leased Master **Jhang** Flower **Tehsil Road** 72.3162766 Owned/ Rented/ Umer 22054 31.27364333 66 145 1 Commercial No No Good decoration Jhang Sadar 7 Managed Leased Ramzan shop Muhamma **Flowers Tehsil Road** 72.3162733 Owned/ Rented/ 22003 31.27364167 146 66 1 Commercial No No Good d Umir decoration Jhang Sadar Managed Leased Ramzan shop **Tehsil Road** 72.3169092 Owned/ Rented/ 22013 31.27301333 64 147 1 Commercial No No Good M. Parveez food point Jhang Sadar Managed Leased Near Rail Muhamma 72.3148333 Owned/ Rented/ 148 13001 **Bazar Chowk** 31.27661667 135 1 d Muzafar Food point Commercial No No Good 3 Managed Leased Jhang Sadar ud Din Fridge Near TMA 72.3137770 Owned/ Rented/ Adnan 149 21002 31.27821215 165 1 Commercial No No Good Reparing Office 5 Managed Leased Aslam Shop Adjacent 72.3173166 Owned/ Rented/ Abdul 31.27126333 2 Commercial 150 42 islamia School 16 No No Good Fruit Shop 7 Managed Leased Rasheed Jhang **Chowk Bazar** Owned/ Rented/ 4016 72 151 31.30516167 72.324485 1 Commercial No No Good zahid ali Fruit Shop Jhang City Managed Leased Baba Umar 72.3278266 Owned/ Rented/ 152 1004 31.30578833 16 1 **Gate Jhang** No No M. Khalid Fruit Shop Commercial Good 7 Managed Leased City Baba Umar Owned/ Rented/ 153 1005 31.305805 72.32783 16 1 No **Gate Jhang** Commercial No Good M. Zahid Fruit Shop Managed Leased City

## Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Litigation **Property** Area Encroachme Current Tenant SR. Latitude Longitude Condition **Business** (Sqft) **Exist** Code **Address Stories** nt Status **Location Status** Status Status Name Adjacent 72.3173794 Owned/ Rented/ 154 islamia School 31.27124299 96 2 41 Commercial No No Good M. Imran fruits shop Managed Leased **Jhang** Shaheed 72.3149466 Owned/ Rented/ 20004 59 155 Road Sadr 31.27615 1 Commercial No No Good Asghar Garments 7 Managed Leased Jhang Shaheed 72.3151266 Owned/ Rented/ 20001 31.27626333 156 Road Sadr 164 1 Commercial No Yes Good M. Ayoub Garments Managed Leased Jhang Shaheed 72.3167316 Owned/ Rented/ 8003 31.27414667 124 157 1 Commercial No No Good M.Afzal Garments **Road Jhang** Managed Leased Ganda Nala 72.3284866 Owned/ Rented/ 158 9001 **Chowk Jhang** 31.30280833 118 1 Commercial No No Good M. Haneef Gas Agency 7 Managed Leased City General Bus Stand Near 72.3214016 Owned/ Rented/ 159 14017 31.28907333 225 Adhiwal 1 No No Good Ali Raza Commercial Gas Agency 7 Managed Leased **Chowk Jhang** City General Bus Stand Near 72.3224283 sheikh ali Owned/ Rented/ 14018 Adhiwal 31.28917833 568 1 160 Commercial No No Good gass shop 3 Managed Leased raza **Chowk Jhang** City Adjacent 72.3172314 Owned/ Rented/ General 12017 islamia School 31.27177334 120 1 No 161 Commercial No Good M. Ishaq 7 Managed Leased Store Jhang Adjacent 72.3172616 Owned/ Rented/ General 162 12012 islamia School 31.27167 50 1 Commercial No No Good M. Asif 7 Managed Leased Store Jhang

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 No of **Ownership** Litigation Shop **Property** Area **Property** Encroachme Current Tenant SR. Latitude Longitude Condition **Business** Code **Address** (Sqft) **Exist Stories Location Status** Status nt Status Status Name Adjacent 72.3172883 Owned/ Rented/ General 12032 31.27143 50 163 islamia School 1 Commercial No No Good M. Farooq 3 Managed Leased Store Jhang Adjacent Owned/ Rented/ Abdul General 12021 31.271425 72.31737 164 islamia School 50 1 Commercial No No Good Managed Leased Raoof Store Jhang **Tehsil Road** 72.3167266 Owned/ Rented/ Muhamma General 22033 31.27358667 64 1 No 165 Commercial No Good Jhang Sadar 7 Managed Leased d ishaq store 72.3171533 **Head Octroi** Owned/ Rented/ Muhamma General 19017 31.271875 1088 166 1 Commercial No No Good 3 Post Jhang Managed Leased d ilyas store Adjacent 72.3173233 Owned/ Rented/ general 167 12009 islamia School 31.27138426 63 1 Commercial No No Good M. Rafig Managed Leased store Jhang Generator 72.3137765 Near TMA Owned/ Rented/ 168 21009 31.27817724 165 1 Commercial No No Good M. Rafique Repiaring Office 5 Managed Leased Shop **Head Octroi** 72.3174216 Owned/ Rented/ 169 19029 31.27196 156 1 Commercial No No Good Hassan Ijaz Glassware Post Jhang Managed Leased Head Octroi 72.3173633 Owned/ Rented/ Amjad 19042 31.27204559 88 170 1 Commercial No No Good Glassware 3 Post Jhang Managed Leased Mahmood Moh Owned/ Rented/ goat skin Tanveer 2 171 15002 Bhabhrahna 31.27733333 72.30657 380 Commercial No No Good Managed Ahmad factory Leased Jhang Sabri Manzil Owned/ Rented/ Amjad 17002 Circular Road 31.277015 72.31468 132 1 172 Commercial No No Good Godown Managed Leased Rahman Jhang Sadar 72.3172966 **Head Octroi** Rented/ Akhtar Owned/ 173 19038 31.27192413 130 1 Commercial No No Good Godown Post Jhang 2 Saleem Managed Leased

## Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Litigation **Property** Area Encroachme Current Tenant SR. Latitude Longitude Condition **Business** Code **Address** (Sqft) **Stories Exist Location Status** Status nt Status Status Name Head Octroi 72.3174616 Owned/ Rented/ 31.27180167 19035 174 72 1 Commercial No No Good Ijaz Ahmad Godown Post Jhang Managed Leased **Head Octroi** 72.3173739 Owned/ Rented/ Muhamma 175 19034 31.27192103 105 1 Commercial No No Good Godown Post Jhang 9 Managed Leased d Khan **Head Octroi** Owned/ Rented/ 19039 31.27198 72.317275 176 80 1 Commercial No No Good Shoqat Ali Godown Post Jhang Managed Leased Adjacent 72.3174733 Khadim Owned/ Rented/ Hookah 177 12031 islamia School 31.27153 54 1 No Commercial No Good 3 Managed Leased Hussain shop Jhang Tanga Adda Owned/ Rented/ Haider 24001 72.32324 40 178 31.30206667 1 No No Commercial Good Hotel Jhang City Managed Leased Abbas General Bus Stand Near Owned/ Rented/ 14068 Adhiwal 31.28927 1 179 72.321595 110 Commercial No No Good M. Zahid Hotel Managed Leased **Chowk Jhang** City General Bus Stand Near 72.3217016 Owned/ Rented/ anwer 14071 Adhiwal 31.288975 225 1 Commercial 180 No No Good hotle 7 Managed Leased mehmood **Chowk Jhang** City General Bus Stand Near 72.3216216 Owned/ Rented/ 181 14077 Adhiwal 31.28925833 110 1 No Commercial No Good zahid hotle 7 Managed Leased **Chowk Jhang** City Qita Chamli Owned/ Rented/ 5002 31.27736833 2 182 72.31187 48 Commercial No No Good Ijaz Ahmad hotle Market Managed Leased

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Litigation **Property** Area Encroachme Current Tenant SR. Latitude Longitude Condition **Business Exist** Code **Address** (Sqft) **Stories Location Status** Status nt Status Status Name Adjacent Owned/ Rented/ Muhamma 183 12013 islamia School 31.271625 72.317275 105 1 Commercial No No Good Iron Shop d Arshad Managed Leased Jhang **Tehsil Road** 72.3168433 Owned/ Rented/ 22050 31.27342333 64 184 1 Commercial No No M. Tahir iron shop Good Jhang Sadar Managed Leased 72.3167883 Owned/ Rented/ Muhamma 185 22001 tasil road 31.27338 48 2 Non Commercial No No Good iron store 3 d Taiyab Managed Leased Adjacent 72.3174009 Owned/ Rented/ 186 12010 islamia School 31.27126185 45 1 Commercial No No Good M. Usman jusice shop 1 Managed Leased **Jhang** Ganda Nala 72.3284283 Owned/ Rented/ kabariya 187 9002 **Chowk Jhang** 31.30279 118 1 Commercial No No Good Abdul Aziz 3 Managed Leased shop City 72.3172216 Head Octroi Owned/ Rented/ Sajjad Karyana 188 19005 31.27167667 98 1 No Commercial No Good Post Jhang Managed Leased Hussain Shop Head Octroi 72.3171666 Owned/ Rented/ Inam Ul Karyana 189 19024 31.27165167 80 1 No Commercial No Good Post Jhang 7 Managed Leased Haq Shop **Head Octroi** 72.3171618 Owned/ Rented/ inaamul Karyana 19006 31.27169823 98 2 190 Commercial Full No Good Post Jhang Shop 1 Managed Leased haq sidique 72.3171183 **Head Octroi** Owned/ Rented/ Muhamma Karyana 191 19012 31.27164167 80 1 Commercial No No Good Post Jhang 3 d Ishfaq Managed Leased Shop **Head Octroi** 72.3171716 Owned/ Rented/ Tehseen Karyana 19041 31.271575 98 192 1 Commercial No No Good Post Jhang 7 Managed Leased Akhtar Shop Adjacent Owned/ Rented/ Karyana 12019 islamia School 31.271415 193 72.31731 63 1 Commercial No No Good Allah Rakha Managed Leased Shop **Jhang**

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Encroachme Litigation **Property** Area Current **Tenant** SR. Latitude Longitude Condition **Business** Code (Sqft) **Exist Address Stories** nt Status Name **Location Status** Status Status Head Octroi Owned/ Rented/ Muhamma karyana 19019 31.27164729 72.3172375 194 98 1 Commercial No No Good Post Jhang Managed d ishfaq Leased store Adjacent 72.3172642 Owned/ Rented/ Zafar karyana 195 12041 31.27169502 90 1 No islamia School Commercial No Good 2 Managed Alishah Leased store Jhang Adjacent 72.3172995 Owned/ Rented/ Muhamma karyana 12034 31.27132794 90 1 196 islamia School Commercial No No Good 3 d Shoquat Managed Leased store Jhang Talab 72.3139355 kharadia Owned/ Rented/ Muhamma 197 21001 31.27807882 153 2 Commercial No No Good Commitee 1 Managed Leased d Ishtiaq shop jhang Inside **General Bus** Owned/ Rented/ Akber 198 14079 72.321615 2720 1 No Stand 31.29134333 Commercial No Good Khradia Managed Shahzad Leased Sarghodha Road Mohallah Owned/ Rented/ Magsood 199 2004 Bhabrana 31.27756 72.30676 372 1 Commercial No Good lader factory No Ilahi Managed Leased Jhang Sadar Mohallah 72.3134133 Owned/ Rented/ Magsood lader 200 15003 Bhabhrah 31.27941 3256 1 Commercial No No Good 3 Ilahi marchent Managed Leased Jhang Adjacent Owned/ Rented/ Baber Madical 201 12006 31.27202499 72.3171824 110 1 No Good islamia School Commercial No Managed Leased magsood store Jhang Adjacent 72.3171701 Owned/ Rented/ Zahid madical 202 12007 31.27202797 60 islamia School 1 Commercial No No Good 9 Managed Leased Magsood store Jhang

#### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Encroachme Litigation **Property** Area Current Tenant SR. Latitude Longitude Condition **Business Exist** Code **Address** (Sqft) **Stories** nt Status **Location Status** Status Status Name Chowk Bazar 72.3247666 Owned/ Rented/ Manzoor 31.30514667 400 203 15 1 Commercial No No Good Meat Shop Jhang City Managed Hussain Leased **Chowk Bazar** 72.3246783 Owned/ Rented/ Ghulam 204 43 31.30506167 64 1 Commercial No No Good Meat Shop 3 Jhang City Managed Leased Abbas Chowk Bazar Owned/ Rented/ **Imdad** 4006 31.30510667 72.32462 205 72 1 Commercial No No Good Meat Shop Jhang City Managed Leased Hussain Shahbaz **Chowk Bazar** Owned/ Rented/ 4007 1 206 31.30506167 72.324595 72 Commercial No No Good Meat Shop Jhang City Managed Leased Hussain **Chowk Bazar** 72.3246566 Owned/ Rented/ 207 4018 31.30520167 1 72 Commercial No No Good M. Niwaz Meat Shop Jhang City 7 Managed Leased Baba Umar 72.3277566 Owned/ Rented/ 208 1002 **Gate Jhang** 31.30580667 32 1 Commercial No No Good dawood Meat Shop 7 Managed Leased City Baba Umar Owned/ Rented/ 209 1003 **Gate Jhang** 31.30582833 72.32778 35 1 Commercial No No Good Meat Shop yaqoob Managed Leased City 72.3172001 **Head Octroi** Owned/ Rented/ medical 210 19018 31.27191874 75 1 Commercial No No Good M. Naseem 8 Post Jhang Managed Leased store Adjacent 72.3173483 Owned/ Rented/ Zahoor Medical 211 12018 islamia School 31.27180833 63 1 Commercial No No Good 3 Managed Leased Ilahi Store Jhang 72.3173483 **Head Octroi** Owned/ Rented/ Medicine 19037 31.27189333 72 212 1 Commercial No No M. Younas Good Post Jhang Managed Leased Godown Adjacent 72.3172866 Owned/ Rented/ Mudassar 12029 islamia School 31.27134333 56 213 1 Commercial No No Good Milk shop 7 Managed Leased Usman **Jhang**

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Litigation **Property** Area Encroachme Current **Tenant** SR. Latitude Longitude Condition Business (Sqft) **Exist** Code **Address Stories Location Status** Status nt Status Status Name Chowk Bazar 72.3247666 Owned/ Manzoor Mirch Rented/ 31.30508167 4009 214 72 1 Commercial No No Good Jhang City 7 Managed Hussain Masala Shop Leased General Bus Stand Near 72.3219883 Owned/ Rented/ miror shop 215 14076 Adhiwal 31.28904167 314 1 Commercial No No Good Ali Raza 3 Managed Leased wheekals **Chowk Jhang** City 72.3211116 Owned/ General Bus Rented/ 14014 31.28901833 229 2 216 Commercial No No Good Ali Raza mobile shop 7 Stand Managed Leased **Near TMA** Owned/ Muhamma Motor Bike Rented/ 217 21010 31.27860667 72.313355 1 165 Commercial No No Good Office Managed d Anees Repair Shop Leased Sabri Manzil Owned/ Rented/ Ghulam Motor cycle 218 17006 Circular Road 31.27711167 72.31456 216 1 No Commercial No Good Managed Leased Rasool spares parts Jhang Sadar **Head Octroi** 72.3176866 Owned/ Rented/ Shakeel Motorcycle 218 19009 31.27174833 92 1 Commercial No No Good Post Jhang Managed Leased Amjad Showroom **Head Octroi** Owned/ Rented/ M. Motorcycle 19010 31.27167715 92 219 72.3176467 1 Commercial No No Good Post Jhang Managed Leased Warisajid Showroom Municipal Near TMA Owned/ Rented/ Amir 220 31.27853167 72.313355 165 1 Commercial No No Good Office Managed Leased Waseem Dispensary **Near TMA** 72.3132766 Rented/ Municipal Owned/ Amir 31.27855333 221 165 1 Commercial No No Good Office 7 Managed Leased Waseem Dispensary Sabri Manzil 72.3146383 Owned/ Rented/ 17005 Circular Road 31.27702833 132 222 1 Commercial No No Good in litigation null 3 Managed Leased Jhang Sadar

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Litigation **Property** Area Encroachme Current Tenant SR. Latitude Longitude Condition **Business** Code **Address** (Sqft) **Stories** Exist **Location Status** Status nt Status Status Name Sabri Manzil 72.3146466 Owned/ Rented/ 223 17003 Circular Road 31.27694833 404 1 Commercial No Yes Good in litigation null 7 Managed Leased Jhang Sadar Near Rail 72.3145933 Owned/ Rented/ 13007 31.27672333 135 224 **Bazar Chowk** 1 Commercial No Yes Good In litigation null 3 Managed Leased Jhang Sadar Near Rail 72.3147333 Owned/ Rented/ 13005 31.27671167 135 225 **Bazar Chowk** 1 Commercial No Yes In litigation null Good 3 Managed Leased Jhang Sadar Near Rail Owned/ Rented/ 226 13004 **Bazar Chowk** 31.27666667 72.3148 135 1 Yes Commercial No Good in litigation null Managed Leased Jhang Sadar 72.3173933 Head Octroi Owned/ Rented/ Akhtar 227 19028 31.27196333 156 1 No Commercial No Good Oil Agency 3 Post Jhang Managed Leased Saleem **Head Octroi** 72.3176783 Shahid Owned/ Rented/ 19021 31.27168167 92 228 1 Commercial No No Good Oil Agency Post Jhang 3 Managed Leased Abbas Nazar **Head Octroi** 72.3176025 Owned/ Rented/ 19025 31.27185385 229 80 1 Commercial No No Good Hussain Oil Agency 2 Post Jhang Managed Leased Khan Nazar **Head Octroi** Owned/ Rented/ 19026 230 31.271855 80 1 72.317585 Commercial No No Good Hussain Oil Agency Post Jhang Managed Leased Khan **Head Octroi** Owned/ Rented/ 231 19011 31.271845 72.317565 120 1 Commercial No No Good **Tahir Abbas** Oil agency Post Jhang Managed Leased General Bus Stand Near Owned/ Rented/ 232 14070 Adhiwal 31.28902833 72.321825 225 1 Commercial No No Good irfan oil shop Managed Leased **Chowk Jhang** City

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Encroachme Litigation **Property** Area Current Tenant SR. Latitude Longitude Condition **Business** (Sqft) **Exist** Code **Address Stories** nt Status **Location Status** Status Status Name General Bus Stand Near 72.3218216 Owned/ Rented/ 233 14069 Adhiwal 31.28900333 225 1 Commercial No No Good M. Irfan Oil Shop 7 Managed Leased **Chowk Jhang** City General Bus Stand Near Owned/ Rented/ 234 14066 Adhiwal 31.28917167 72.321755 110 1 Commercial No No Good irfan Oil Shop Managed Leased Chowk Jhang City 72.3133416 **Near TMA** Owned/ Rented/ 21011 31.27854833 1 Commercial 235 165 No No Good Abdul Basit Paint Shop Office 7 Managed Leased **Near TMA** 72.3134495 Owned/ Rented/ 21014 31.27841185 165 1 236 Commercial No No Good Abdul Basit Paint Shop Office 8 Managed Leased 72.3137661 **Near TMA** Owned/ Rented/ Muhamma 21007 31.27826898 237 152 1 Commercial No No Good Paint Shop Office 9 Managed Leased d Ayoub **Near TMA** Owned/ Rented/ 238 21008 31.27824209 72.3137908 152 1 Commercial No No Good M. Ayoub Paint Shop Office Managed Leased 72.3138041 Near TMA Owned/ Rented/ 21005 31.27816086 152 239 1 Commercial No No Good Barkaat Ali Paint Shop Office 2 Managed Leased **Near TMA** 72.3139183 Owned/ Rented/ 240 21006 31.27815167 152 1 Commercial No No Good Barkaat Ali Paint Shop Office 3 Managed Leased Adjacent 72.3173904 Owned/ Rented/ Sajjad perfume 31.27209551 241 12011 islamia School 63 1 Commercial No No Good 4 Managed Leased Hussain shop **Jhang**

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Litigation **Property** Area Encroachme Current Tenant SR. Latitude Longitude Condition **Business Exist** Code **Address** (Sqft) **Stories** nt Status **Location Status** Status Status Name Nadeem Shaheed 72.3168266 Owned/ Rented/ 242 8004 31.27418667 132 1 Commercial No No Good Muhamma Pharmacy **Road Jhang** 7 Managed Leased d Ahmad **Head Octroi** 72.3172302 Owned/ Rented/ 19031 31.27190731 75 243 1 Commercial No No M. Naseem Good Pharmacy Post Jhang 5 Managed Leased 708700 **Near TMA** Owned/ Rented/ 244 31.30494833 72.32177 103 1 Commercial No No Good Haq Niwaz Pharmacy 5 Office Managed Leased **Head Octroi** 72.3177443 Owned/ Rented/ Photostate 19023 31.27173095 245 120 1 Commercial No No Sajjad Ali Good Post Jhang 1 Shop Managed Leased **Head Octroi** 72.3175211 M. Ehsan Owned/ Rented/ Photostate 19015 120 246 31.27180428 1 Commercial No No Good Post Jhang Ul Haq Shop Managed Leased Head Octroi 72.3175366 M. Ehsan Owned/ Rented/ Photostate 19014 247 31.271915 120 1 Commercial No No Good Post Jhang 7 Managed Leased Ul Haq Shop Syed **Tehsil Road** 72.3166247 Owned/ Rented/ Zahoor Photostate 22035 31.27354933 64 1 No 248 Commercial No Good Jhang Sadar 6 Managed Leased Ahmad Shop Shah 72.3168019 **Tehsil Road** Owned/ Rented/ 22022 31.27346107 64 249 1 Commercial No No Good M. Riaz plastic toyle Jhang Sadar 4 Managed Leased General Bus Stand Near Owned/ Rented/ poshish Adhiwal 31.28922 250 14065 72.321725 110 1 Commercial No No Good yousaf Managed Leased shop **Chowk Jhang** City Roshan 72.3135366 Near TMA Owned/ Rented/ Shahbaz 21012 31.27849333 251 165 1 Commercial No No Good **Builder** and Office 7 Managed Leased Hussain Designer

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Encroachme Litigation **Property** Area Current Tenant SR. Latitude Longitude Condition **Business Exist** Code **Address** (Sqft) **Stories** nt Status **Location Status** Status Status Name Head Octroi 72.3172088 Owned/ Rented/ 31.2720071 19030 252 1088 1 Commercial No No Good M. Younas Saintry Shop Post Jhang 4 Managed Leased **Tehsil Road** 72.3168705 Owned/ Rented/ Muhamma 253 22042 31.27333888 64 1 Commercial No No Good sang tarash Jhang Sadar 9 Managed Leased d Usman Tehsil Road 72.3169033 Owned/ Rented/ Muhamma 22017 31.27304167 64 254 1 Commercial No No Good Sang tarash Jhang Sadar 3 d Ashraf Managed Leased sang tarash **Tehsil Road** 72.3168416 Abdul Owned/ Rented/ 255 22048 31.273235 64 1 No and clay Commercial No Good Jhang Sadar Managed Leased Ghafoor utensil shop **Tehsil Road** 72.3169066 Owned/ Rented/ sang tarash 22018 31.27336167 256 64 1 Commercial No No Nadeem Good Jhang Sadar shop Managed Leased General Bus Stand Near 72.3233966 Owned/ Rented/ Abdul 257 10001 Adhiwal 31.29100333 5440 1 Commercial No No Good scrape 7 Ghaffar Managed Leased **Chowk Jhang** City Inside General Bus 72.3209966 Muhamma Owned/ Rented/ 258 14022 Stand 31.2916 5440 1 Commercial No No Good Scrape 7 Managed Leased d Ameen Sarghodha Road **Head Octroi** 72.3172527 Owned/ Rented/ Sajid Seed 19013 31.27169349 80 259 1 Commercial No No Good Post Jhang 9 Managed Leased Hussain Corporation Inside General Bus 72.3230183 Owned/ Rented/ Service 31.29052 5440 260 14035 Stand 1 Commercial No No Good M. Naseer 3 Managed Leased Station Sarghodha Road

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Encroachme Litigation **Property** Area Current Tenant SR. Latitude Longitude Condition **Business** Code (Sqft) **Exist Address Stories** nt Status **Location Status** Status Status Name Inside General Bus Owned/ Rented/ sarwer Service 261 14041 Stand 31.29115333 72.322755 2720 1 Commercial No No Good basheer Station Managed Leased Sarghodha Road **Tehsil Road** Owned/ Rented/ 22004 31.27286989 262 72.317113 64 1 Commercial No No Good M. Din Shoe Shop Jhang Sadar Managed Leased **Tehsil Road** 72.3168683 Owned/ Rented/ Anwar 2204 31.27312833 64 263 1 Commercial No No Good shoes center 3 Jhang Sadar Managed Leased Igbal 72.3168266 **Tehsil Road** Owned/ Rented/ 22040 31.27328 1 Commercial 264 64 No No Good Ibraar Ali shoes center Jhang Sadar 7 Managed Leased Shaheed Rented/ Owned/ Magsood 8001 72.31676 124 1 265 31.27413667 Commercial No No Good **Shoes Shop Road Jhang** Managed Leased Illahi Muhamma Shaheed Owned/ Rented/ 8002 266 31.27404833 72.31682 124 1 Commercial No No Good **Shoes Shop Road Jhang** d Akram Managed Leased **Tehsil Road** 72.3169966 Owned/ Rented/ Qasim 22009 31.27298 267 64 1 Commercial No No Good shoes shop 7 Managed Jhang Sadar Leased Arshad **Tehsil Road** Abdul Owned/ Rented/ 22041 31.273355 268 72.31693 64 1 Commercial No No Good **Shoes Shop** Jhang Sadar Managed Leased wahab Adiacent 72.3172333 shopping Owned/ Rented/ Muhamma 269 12003 islamia School 31.27217667 60 1 Commercial No No Good 3 Managed Leased d Saeed bag shop Jhang Adjacent 72.3171841 Owned/ Rented/ Abdul shopping islamia School 31.2721399 99 270 12004 1 Commercial No No Good 9 Managed Rehman Leased bag shop Jhang

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Litigation **Property** Area Encroachme Current Tenant SR. Latitude Longitude Condition **Business** Code **Address** (Sqft) **Stories Exist Location Status** Status nt Status Status Name Adjacent Owned/ Rented/ Shopping 271 12040 islamia School 31.27177833 72.31725 1 36 Commercial No No Good M. Iqbal Managed Leased bag shop Jhang **Near TMA** 72.3138868 Owned/ Rented/ Shahid shuger cane 21004 31.27810889 272 152 1 Commercial No No Good Office 5 Managed Leased Hussain use shop Mohallah Owned/ Rented/ Muhamma 273 15005 31.27755667 72.306475 680 1 Commercial No No Good snoker game Bhabrana d tahir Managed Leased General Bus Stand Near 72.3214883 Ghulam Owned/ Rented/ 274 14063 Adhiwal 31.29046333 224 1 Commercial No No Good **Spare Parts** 3 Mujtaba Managed Leased **Chowk Jhang** City General Bus Stand Near Muhamma Owned/ Rented/ 275 14074 Adhiwal 31.28899333 72.32102 225 1 Commercial No No Good **Spare Parts** d Akhatar Managed Leased **Chowk Jhang** City General Bus Stand Near 72.3216616 Owned/ Rented/ Waqas 276 14053 Adhiwal 31.28895333 225 1 Commercial No No Good **Spare Parts** 7 Ajmal Managed Leased **Chowk Jhang** City General Bus Stand Near 72.3217083 Owned/ Rented/ 277 14072 Adhiwal 31.28898833 225 1 No Commercial No Good Zahid Arif **Spare Parts** 3 Managed Leased **Chowk Jhang** City **General Bus** 72.3219733 Owned/ Rented/ 14059 31.28906667 Allah Ditta 278 110 1 Commercial No No Good **Spare Parts** Stand Near 3 Managed Leased

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop Area No of **Property Ownership** Encroachme Litigation **Property** Current Tenant SR. Latitude Longitude Condition **Business** Code (Sqft) **Exist Address Stories** nt Status **Location Status** Status Status Name Adhiwal **Chowk Jhang** City **Chowk Bazar** 72.3247566 Owned/ Rented/ 31.30515667 4001 72 2 279 Commercial No No Good Akbar Ali spices shop Jhang Managed Leased 72.3171569 **Head Octroi** Owned/ Rented/ Aslam 280 19004 31.27178099 98 1 Commercial No No Good **Sports Shop** Post Jhang hasmi Managed Leased steel bartan **Tehsil Road** 72.3171433 Owned/ Rented/ 22005 31.27288333 281 64 1 Commercial No No Good M.saleem Jhang Sadar 3 shop Managed Leased **Tehsil Road** 72.3170066 Owned/ steel bartan Rented/ Faizan 282 22010 31.272965 64 1 Commercial No No Good Jhang Sadar Leased shop Managed Razzag **Tehsil Road** 72.3169620 Owned/ Rented/ Muhamma steel Barton 283 22006 31.27290997 64 1 Commercial No No Good Managed d saleem Jhang Sadar 5 Leased shop Chowk Bazar Owned/ Rented/ 284 4014 72.324615 atif 31.30518167 72 1 Commercial No No Good stor Jhang City Managed Leased 72.3246083 Rented/ **Chowk Bazar** Owned/ 4013 31.30518167 285 72 1 Commercial No No Good irfan saif store 3 Jhang City Managed Leased Adjacent 72.3174283 Owned/ Rented/ Sweet 286 12033 islamia School 31.271305 50 1 Commercial No No Good Razaqat Ali 3 bakers Managed Leased Jhang 72.3172523 Head Octroi Owned/ Rented/ Manzer 287 19040 31.27155292 80 1 Commercial No No Good sweet shop Post Jhang 3 Managed Leased Usman Adjacent Owned/ Rented/ Mubashir 12035 31.27127333 56 1 288 islamia School 72.317405 No No Sweet Shop Commercial Good Managed Leased Usman Jhang

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Encroachme Litigation **Property** Area Current Tenant SR. Latitude Longitude Condition **Business Exist** Code **Address** (Sqft) **Stories** Status nt Status Name **Location Status** Status Jameel Owned/ Rented/ 289 11003 Shaheed Park 31.274235 72.322835 110 1 Full No Commercial Good Amir Raza **Swings** Managed Leased Jhang Saddar General Bus Stand Near 72.3212133 Owned/ Rented/ 14047 Adhiwal 31.28899 225 1 290 Commercial No No Good shike sahid tea shop 3 Managed Leased **Chowk Jhang** City **Near TMA** 72.3134447 Owned/ Rented/ Muhamma 21013 31.27842056 165 291 1 Commercial No No Good Tea stall Office 3 Managed d Ayyub Leased Adjacent Owned/ Rented/ Abdul 292 12036 islamia School 31.27126 72.317405 45 1 No Commercial No Good Tea stall Managed Leased Rahman Jhang Adjacent 72.3173083 Rented/ tobacco Owned/ Sajjad 293 12024 islamia School 31.27156333 44 1 Commercial No No Good 3 Managed Leased Ahmad godown Jhang Adjacent Owned/ Rented/ Jamshed Tobacco 294 12022 islamia School 31.27191833 72.317285 100 1 Commercial No Good No Managed Leased Iqbal Shop **Jhang** Adjacent 72.3172520 Owned/ Rented/ Tobacco 25 295 12026 islamia School 31.27182851 1 Commercial No No Good M. Tifail 4 Managed Leased Shop Jhang Adjacent 72.3172314 Owned/ Rented/ tobacco 296 12023 islamia School 31.27181889 544 1 No M. Yaqoob Commercial No Good 9 Managed Leased shop Jhang Adjacent Owned/ Rented/ Tobacco 297 12037 islamia School 31.27173167 72.317285 25 2 Commercial No No Good M. Asif Managed Leased Shop Jhang

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop No of **Property Ownership** Encroachme Litigation **Property** Area Current Tenant SR. Latitude Longitude Condition **Business** (Sqft) **Exist** Code **Address Stories** nt Status **Location Status** Status Status Name Adjacent 72.3172814 Owned/ Rented/ Sajjad tobacco 298 12025 islamia School 31.27158119 54 1 Commercial No No Good 6 shop Managed Leased ahmad Jhang **Head Octroi** 72.3172483 Owned/ Rented/ 31.27168333 19003 98 299 1 Commercial No No M. Aslam Toy Shop Good Managed Post Jhang Leased 72.3172416 **Head Octroi** Owned/ Rented/ Muhamma 300 19002 31.271825 98 1 Commercial No No Good Toys Shop Post Jhang d Aslam Managed Leased **Head Octroi** Owned/ Rented/ M. Zahid 19036 31.27190167 72.31749 72 301 1 Commercial No No Type Shop Good Post Jhang Mubashar Managed Leased Adjacent 72.3171683 Owned/ Ghulam Rented/ 302 12027 islamia School 31.271995 70 1 Type Shop Commercial No No Good 3 Managed Leased Dastegir Jhang Adjacent 72.3171579 Rented/ Owned/ 303 12028 islamia School 31.27199671 70 1 Commercial No No Good Zahid Rafig tyre shop 4 Managed Leased Jhang Nawaz Owned/ Rented/ **Shareef Park** 2 304 31.30165167 72.32342 144 Commercial Nο No Good In Auction Vacant Managed Leased Jhang City Canteen 72.3210666 Owned/ Rented/ 31.28985833 816 1 305 General Bus Commercial No No Good In Auction Vacant 7 Managed Leased stand **Chowk Bazar** 72.3246916 Owned/ Rented/ Vegetable 4004 31.30507667 64 1 306 Commercial No No Good Murtaza Shop Jhang City Managed Leased 72.3246433 Chowk Bazar Owned/ Rented/ Vegetable 307 4005 31.305105 72 1 Commercial No No Good M. Nasir 3 Shop Jhang City Managed Leased 72.3245733 vegetable **Chowk Bazar** Fiaz Owned/ Rented/ 4017 88 1 308 31.305085 Commercial No No Good Jhang City 3 Managed Leased hussain shop

### Integrated Development and Asset Management Plan (IDAMP) **Municipal Committee Jhang** Form: Shop Asset Code: \_ **IDAMP-A17 Asset Condition Assessment** Date: 26-01-2023 Shop Area No of **Property Ownership** Encroachme Litigation **Tenant Property** Current SR. Latitude Longitude Condition **Business** (Sqft) **Exist** Code **Address Stories Location Status** Status nt Status Name Status Adjacent 72.3172475 Owned/ Rented/ 309 12030 islamia School 31.27154764 52 1 Nasir khan Commercial No No Good waan shop 7 Managed Leased Jhang Adjacent 72.3173083 Owned/ Rented/ Javeed 12015 islamia School 31.27151667 54 1 310 Commercial No No Good Waan Shop 3 Iqbal Managed Leased **Jhang** General Bus Stand Near 72.3209566 Owned/ Rented/ Shafqat waiting area 14056 Adhiwal 31.28904833 225 311 1 Commercial No No Good 7 Managed Leased Niwaz shop **Chowk Jhang** City Muhamma 72.3274533 welding Chungi Gojra Owned/ Rented/ 312 5001 31.26551333 100 2 Commercial No No Good 3 Road Managed Leased shop Abdullaha Inside General Bus 72.3229616 M & H Owned/ Rented/ 313 14032 31.29014167 5440 1 Stand Commercial No No Good work shop 7 Managed Leased Company Sarghodha Road 72.3169348 Owned/ **Tehsil Road** Rented/ Anwar 314 22046 31.27313616 64 1 Commercial No No Good clothes shop 2 Jhang Sadar Managed Leased Igbal 1 2 3 4 5 **Average Score** Asset **Excellent** Fair Good Poor Failing Condition Α В С D Ε Category

	Integrated Development and Asset Management Plan (IDAMP)													
	Municipal Committee Jhang													
Form: IDAMP-A17						Shop Asset Condition Assessment							Asset Code	e: e: 26-01-2023
SR.	SR   '   '   latitude   longitude     ' '   '   '   '										Current Status	Condition	Tenant Name	Business
	Data Collected By: Mr. Abdullah						Designation: Team Member					Jufoh		
	Data Checked By: Mr. M Fiaz						Designation: Team Lead					Sign & Date: 15 May 2023  Sign & Date: 15 May 2023		

### 5. Public Places

### A. Slaughterhouse

Sr #	Name	Age (Years)	Condition	Area (Acres)	Book Value (PKR Mil)
1	Chaman Pura (Loohlay Shah Road)	Not Available	Poor	0.43	89.61
2	Jhang City Slaughter House	Not Available	Poor	0.19	824
3	Harmal Pura (Mohalla Bagh Wala)	Not Available	Poor	0.25	57.68

		Integrated D	evelopment A	nd Asset Mana	agement Plan (IDAMP)
			Municipa	l Committee J	hang
Form: IDAMP-A1	15.1		Slaughte Asset Condition		Ass
Name			Chama	an Pura	Pictu
Location	Latit	ude	31.29	98844	
Location	Location Longitude			2126	
Address	<u> </u>			hah Road, ang	
Year of Con	struct	ion			
Total Area			3 kanal	9 marla	
Ownership			MC J	hang	
Slaughter Capacity	Lar	ger Animals	30	-35	
(Per Day)	Sma	aller Animals	55	-60	
Supervisor			Yes	No	And the second
Doctor's Ro	om		Yes	No	
Inhabitatio	n Facil	ity	Yes	No	
Slaughterin	g Hall		Yes	No	Jhang Sad
Evisceration	n Hall		Yes	No	Pakistan Lat 31-28540e Lat 31-28540e Long 72-28649
Meat Cuttir	ng Roo	m	Yes	No	
Blood Colle	Blood Collection Arrangements			No	
Skin Storage Room			Yes <b>No</b>		
Tools Disinfectant System			Yes <b>No</b>		
Health and	Hygie	ne SOPs	Yes	No	
Refrigeration	on / St	orage System	Yes	No	



Asset Code:

**Pictures** 

Date: 26-01-2023

	Integrated De	evelopme	nt Ar	nd A	sset Man	agement	Plan (IDAMP)			
		Mun	icipa	Cor	nmittee J	hang				
Form:			ghte				Asset Code:			
IDAMP-A15.1		Asset Cond	ditior	1 Ass	essment	1		Date: 26-01-2023		
Separate Facility	for Sick Animals	Yes			No					
Water Supply Sy	stem	Yes			No					
Drainage & Disp	osal Facility	Yes			No					
Solid Waste Coll	ection Facility	Yes			No					
Boundary Wall 8	k Gate	Yes			No					
Approach Road	Condition	Good	Fa	ir	Poor					
Civil Structure Co	ondition	Good	Fa	ir	Poor					
Overall Rating										
Average Score	1	2			3		4	5		
Asset Condition	Excellent	Good Fair			nir	Poor	Failing			
Category	Α	В С			C	D	E			
		Rer	mark	s / R	equireme	ents				
No remarks										
Data Collected B	y: Mr. Abdullah	Designation: Team Member			er	Sign & Date: 15				
Data Checked By	: Mr. M Fiaz	Designo	ation:	теа	ım Lead		Sign & Date: 15	May 2023		

		Integrated Dev						Plan (IDAMP)			
			Muni	icipal (	Con	nmittee Jh	hang				
Form:			Slau	ghterh	าดน	se		Asset			
IDAMP-A15	5.2	Ass		_		essment	Date: 26-01-2023				
Name			Jhan			ughter		Pictures			
	1 - 4 : 4 :			Hou		10					
Location -	Latitu		31.299118 72.321085								
	Longi	ltude	Near Nawaz Sharif								
Address			Park, Jhang Saddar								
Year of Construction											
Total Area			1 k	kanal 1	LO n	narla					
Ownership				MC JI	han	g					
Slaughter Larger Animals				15-	20						
Capacity (Per Day)	Sma	ller Animals		30-	35						
Supervisor			Yes	5		No					
Doctor's Roo	m		Yes	5		No					
Inhabitation	Facili	ty	Yes	5		No					
Slaughtering	Hall		Yes	5		No					
Evisceration	Hall		Yes	5		No					
Meat Cutting	g Rooi	m	Yes			No					
Blood Collect	tion A	rrangements	Yes	5		No		Ibang Pur	ore Map Comero		
Skin Storage	Roon	n	Yes			No		78XC+935, 34 Pakistan Lat 31.298844	- Jhang, Punjab,		
Tools Disinfe			Yes		No		Goog	Long 72.32126 26/01/23 03:16	5° 5 PM GMT +05:00		
Health and H			Yes			No					
Refrigeration			Yes		No						
		or Sick Animals	Yes		No						
Water Suppl			Yes		No						
Drainage & D			Yes			No No					
Boundary Wa		-	Yes			No					
			Goo								
Approach Ro	ad Co	ondition	d	Faiı	r	Poor					
Civil Structur	e Cor	dition	Goo d	Faiı	r	Poor					
			u j	Ove	rall	Rating					
Average Sc	ore	1		2		3		4	5		
Asset Condi	tion	Excellent	G	ood		Fa	ir	Poor	Failing		
Category	Category A					С	,	D	E		
	23.04					equireme	nts				
No rema	arks										
								1 1	<b>11.</b>		
Data Collecte	ed Bv	Mr. Abdullah	Designation: Team Memb			am Memi	her	Jul			
Data concett	у .	, waanan	Jesigi		. , c	IVICIIII	~	/			
								Sign & Date: 15	Sign & Date: 15 May 2023		

	Integrated Development And Asset Management Plan (IDAMP)											
Municipal Committee Jhang												
Form: IDAMP-A15.2	As	Asset Code: Date: 26-01-2023										
Data Checked By: Mr. M Fiaz		Designation: Team Lead	white									
			Sign & Date: 15 May 2023									

		Integrated De	evelopme	nt An	nd A	sset Mana	agement	Plan (IDAMP)		
			Mun	icipal	Cor	nmittee Jl	hang			
Form:			Slau	ghter	rhou	ıse	Asset Code:			
IDAMP-A1	5.3	Δ.	Asset Cond	dition	Ass	sessment			Date: 26-01-2023	
Name			Н	arma	l Pu	ra		Pictures		
Location	Latitu	de	31.263576							
Location		72.30		•						
Address			Moha	alla Ba Jha		Wala,				
Year of Cons	structio	on								
<b>Total Area</b>				02 ka	anal					
Ownership				MC Jł	hang	g				
Slaughter	Larg	er Animals		15-	20					
Capacity (Per Day)	Sma	ller Animals		25-	30					
Supervisor			<b>Yes</b> No			No				
Doctor's Ro	om		Yes	Yes		No				
Inhabitation	r Facilit	:y	Yes			No	-	2		
Slaughtering	g Hall		Yes			No			and the second	
Evisceration	Hall		Yes			No				
Meat Cuttin	g Roor	n	Yes			No				
Blood Collec	ction A	rrangements	Yes			No				
Skin Storage	Room	1	Yes			No		B ore see censes o, Pakistan gh Wels, Jheng, Punjeb,		
Tools Disinf	ectant	System	Yes			No	Google	MT+86:00		
Health and	Hygien	e SOPs	Yes			No				
Refrigeratio	n / Sto	rage System	Yes			No	No			
Separate Fa	cility fo	or Sick Animals	Yes			No				
Water Supp	ly Syst	em	Yes			No				
Drainage &	Dispos	al Facility	Yes			No				
Solid Waste	Collec	tion Facility	Yes			No				
Boundary Wall & Gate			Yes			No				
Approach R	Good	Fa	ir	Poor						
Civil Structu	Good	Fa		Poor						
			1	Ove	eral	l Rating				
Average S		1	2	2		3		4	5	
Asset Cond	dition	Excellent	Go	od		Fa	ir	Poor	Failing	
Catego	ry	Α	E	3		C	:	D	E	

	Integrated D	evelopment And Asset Managemen	t Plan (IDAMP)								
		Municipal Committee Jhang									
Form: IDAMP-A15.3		Slaughterhouse Asset Condition Assessment	Asset Code: Date: 26-01-2023								
		Remarks / Requirements									
No remarks	· ·										
Data Collected By:	: Mr. Abdullah	Designation: Team Member	Julsh Sign & Date: 15 May 2023								
Data Checked By:	Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023								

**Asset Code:** 

**Pictures** 

Date: 26-01-2023

### **Bus Stand** В.

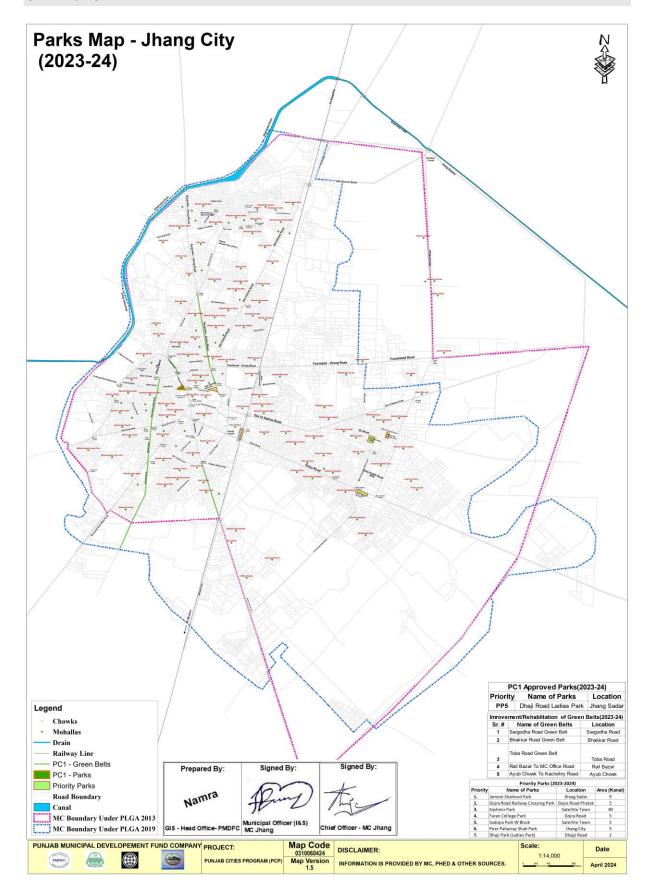
Sr #	Name	Age (Years)	Condition	Area (Acres)	Book Value (PKR Mil)
1	General Bus Stand, Sargodha Road	12	Fair	13.38	2106.56

		Integrate	ed Develo	opmo	ent And	d Asse	t Management Plan (IDAMP)
				Mur	nicipal	Comm	ittee Jhang
Form	1:				Bus S	tand	As
IDAMP-	A12		Asse	et Co	onditio	n Asse	essment
Name			E	Bus S	Stand		Pictures
1	Latitude		31.289292				
Location	Longitud	le	7	72.32	20806		
Address			Sargod		Road, Jł dar	nang	
Year of Cons	truction		No	ot Av	ailable		
Last Major R	enovatio	n	No	ot Av	ailable		
Area (Acres)				13.	375		
Ownership				N	1C		
Class			Α	В	С	D	
Status			Activ	e	ld	le	
Designed	Buses		No	ot Av	ailable		
Capacity of	Coaste	s	No	ot Av	ailable		
Vehicles	Wagon	s	No	ot Av	ailable		
Daily parking of	Buses			20	-50		
vehicles (based on	Coaste	rs	20				
informatio n provided	Wagon	S		30	-50		
by MC)	Ricksha	ws	50				
Distance from	m the urb	an area	V	Vith	in City		
Security	At Entr	У	Yes		N	0	Jhang Sadar, Lari Adda, 78QC+.
Security	At Exit		Yes		N	0	Sadar, Jhang, Pun Lat 31.289313°
Security	At Entr	y	Yes		N	0	Google Long 72.320822° 26/01/23 02:50 PM
Cameras	At Exit		Yes			0	March Company of the
Gate	At Entr	У	Yes			0	
	At Exit		Yes		N	0	
Waiting	Men		Yes		N	0	
Area	Familie	s	Yes		N	0	
Washroom	Male		Yes		N	0	
274311100111	Female		Yes	Yes		0	
Prayer	Male		Yes			0	
Room	Female		Yes			0	
Administrati	on Office	!	Yes		N	0	



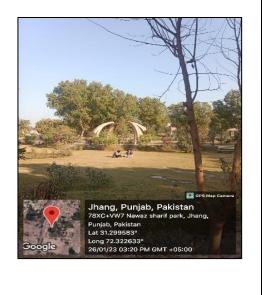
	Integrated Development And Asset Management Plan (IDAMP)  Municipal Committee Jhang												
				Mui	nicipal Cor	mm	ittee Jhang						
Form:				Asset Co	Bus Stan		ssment		Code: Date: 26-01-2023				
Parking	Ricks	haw		Yes	No								
Stand	Cars			Yes	No								
Fuel Outlets				Yes <b>No</b>									
Reception De	esk			Yes <b>No</b>									
Ticketing Sys	tem			Yes	No								
Tuck Shop	Tuck Shop				No								
Ablution Are			Yes	No									
Pedestrian				Yes	No								
Green Spaces	5			Yes	No								
Water Drinki	ng Arrar	gement		Yes	No								
Water Dispos	sal Arran	gement		Yes	No								
Boarding She	Boarding Shed				No								
Workshops				Yes	No								
Lighting				Yes	No								
Boundary Wa	all			Yes	No								
Flooring &	Type			PCC/Tuff Pavers									
Pavement	Condit	ion	Good Fair Poor										
	-				Overal	l Ra	ting						
Average Sco	re	1			2		3	4	5				
Asset Condit	ion	Excellent	t	G	ood		Fair	Poor	Failing				
Category		Α			В		С	D	E				
				Re	emarks / R	equ	irements						
No rema	rks												
Data Collected By: Mr. Abdullah				Designation: Team Member				Julih Sign & Date: 15 May 2023					
Data Checked	d By: Mr.	M Fiaz		Design	ation: Tea	m L	ead	Sign & Date: 15 N	May 2023				

### C. Parks



Sr #	Name	Age (Years)	Condition	Area (Acres)	Book Value (PKR Mil)
1	Nawaz Sharif Park	Not Available	Good	7.5	760
2	Jamil Shaheed Park	Not Available	Good	3.75	700
3	Dhajji Park	Rehab in current year	Excellent	0.2	14
4	Tibba Registan	99	Good	3	2307
5	Kashmir Park	42	Good	3.375	789
6	Wajahat Shaheed Ground	99	Good	6	5766
7	Riaz Chowk Park	99	Good	3.75	180
8	Green Belt	99	Good	0.25	238

		Integra				nd Asset M Committe	lanagement Plan (IDAMP) ee Jhang
Form	•		Asset	Con	Par ditio	k n Assessm	As
Name			Naw	/az S	harif	park	Pictur
1 4 !	Latitud	de		31.29	99583	3	
Location	Longit	ude		72.3	22633	3	
Area In Acre	es			7	'.5		
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)				N	ИС		
<b>Turfing Con</b>	dition		Good Fa		air	Poor	
Approach R	oad		Good	F	air	Poor	and Athlese
Parking Lot	S		Yes			No	
Canteen Av	ailability	/	Yes		No		
Average n visitors (based on t MC staff)		-	Not Available				
Any illegal occupants or encroachments observed-if			N	ot A	vailab	le	Jhang, Punj 78XC+VW7 Naw Punjab, Pakistan Lat 31.299583°
yes, type Security system			Yes			No	Google Long 72.322633 26/01/23 03:20
		Natering 8	& Irrigation	1			
Tube Well			_	١	⁄es	No	
Water Supp	_	Municipal	System		⁄es	No	
Water Tank			`		es -	No	
Pumping Ur					es ,	No	-
Distribution Pipe Lines				1	es_	No	



Asset Code:

**Pictures** 

Date: 26-01-2023

Form:   DAMP-A10.1   Asset Condition Assessment		Integrated Development And Asset Management Plan (IDAMP)							
IDAMP-A10.1   Asset Condition Assessment		Municipal Committee Jhang							
Valves Sprinkler System (From No Sprinkler System (From No Ground water storage reservoirs/ponds Yes No Ground water storage reservoirs/ponds Yes No Landscaping & Plantation (From No Flower Beds Yes No Hedges Yes No Hedges Yes No Plants (Not Available Yes No Number of trees and species (based on readily available information at MC)  Lights (Not Available Poles Yes No Brackets And Lights Yes No Brackets And Lights Yes No Brackets And Tubes Yes No Brackets And Tubes Yes No Gontrol Units Yes No Gondition of Toilets (Gents 3 Ladies 3 Structures Yes No Fountains & Water Fall Structure Yes No Poor Ladies Poor Buildings Yes No Bridges & Culverts Yes No Benches/ sitting arrangements Yes No Swings Yes No Shidler Yes	Form:		Pa	ırk		Asset Code:			
Sprinkler System	IDAMP-A10.1	Asset	Condition Assessme			ent Date: 26-01-2023			
Ground water storage reservoirs/ponds	Valves		Yes		No				
Ground water storage reservoirs/ponds			Yes		No				
Grass Beds		ge reservoirs/ponds	Yes		No				
Flower Beds Yes No Hedges Yes No Plants Yes No Nomber of trees and species (based on readily available information at MC)  Lights Total Number Not Available Poles Yes No Brackets And Lights Yes No Brackets And Lights Yes No Control Units Yes No Control Units Yes No Control Units Yes No Condition of Toilets Ladies 3 Condition of Toilets Buildings Yes No Fountains & Water Fall Structure Yes No Walkways Yes No Ramps at entry gates for wheel chairs Yes No Bridges & Culverts Yes No Boundary Wall & Gate Yes No Boundary Wall & Gate Yes No Boundary Wall & Gate Yes No Gazebos Yes No Mechanical Equipment Pumping Units Yes No Mechanical Equipment Yes No Swings Yes No Fountains & Water Fall Structure Yes No Boundary Wall & Gate Yes No Swings Yes No Swings Yes No Swings Yes No Swings Yes No Sanitation & Water Supply Litter Bins Yes No Fair Poor Condition of SWM Yes No Sewerage System Yes No Yes No Sewerage System Yes No Yes No Sewerage System Yes No Yes No Yes No Sewerage System Yes No Y			on						
Hedges	Grass Beds		Yes		No				
Plants Number of trees and species (based on readily available information at MC)  Lights  Total Number Poles Pole	Flower Beds		Yes		No				
Number of trees and species (based on readily available information at MC)  Lights  Total Number Poles Ves No Cables Ves No Brackets And Lights Ves No Bulbs And Tubes Control Units Ves No Control Units  Structures  Gents Acides Poor Ladies Poor Buildings Ves No Walkways Ves No Walkways Ves No Ramps at entry gates for wheel chairs Play Area Gazebos Penches/sitting arrangements Ves No Boundary Wall & Gate Ves No Wes Wes No Wes	Hedges		Yes		No				
(based on readily available information at MC)  Lights  Total Number	Plants		Yes		No				
at MC)  Lights  Total Number	Number of trees an	d species							
Total Number		vailable information	Not A	Availa	ble				
Total Number	at we	Lights							
Poles Cables Yes No Brackets And Lights Wes No Brackets And Lights Yes No Bulbs And Tubes Control Units Yes No Control Units Structures  Gents Ladies 3 Ladies 3 Ladies Poor Ladies Poor Buildings Yes No Fountains & Water Fall Structure Yes No Walkways Yes No Jogging tracks Ramps at entry gates for wheel chairs Play Area Gazebos Play Area Yes So Benches/ sitting arrangements Yes No Boundary Wall & Gate Toilets Yes No Lakes & Brooks Yes No Mechanical Equipment Pumping Units Yes No Children Games Yes No Senches Sanitation & Water Supply Litter Bins Yes No Condition of SWM Governage System Yes No Sewerage System Yes No Sewerage System Yes No Sewerage System Yes No Ses Sewerage System Yes No Soo Sewerage System Yes No Soo Sewerage System Yes No Soo Sewerage System Yes No Sewerage System Yes No Sewerage System Yes No Sewerage System	Total Number	1011100	Not A	Availa	ble				
Cables Brackets And Lights Ves No Bulbs And Tubes Ves No Control Units Ves No Structures  Gents Ladies Poor Ladies Poor Buildings Ves No Fountains & Water Fall Structure Ves No Bridges & Culverts Ves No Bridges & Culverts Ves No Bridges & Culverts Ves No Boundary Wall & Gate Ves No Children Games Ves No Senitation & Water Supply Litter Bins Ves No Condition of SWM  Gents Ves No No Rechanical Equipment Ves No Sewerage System Ves No Sewerage System Ves No Sewerage System Ves No Sesewerage System Ves No Ves No Sesewerage System Ves No Sesewerage System Ves No Sesewerage System Ves No Ves No Sesewerage System Ves No Sesewerage System Ves No Ves No Sesewerage System Ves No Sesewerage System Ves No Sesewerage System									
Brackets And Lights Yes No Bulbs And Tubes Yes No Control Units Yes No  Structures  No. of Toilets Gents 3 Ladies 3 Condition of Toilets Ladies Poor Buildings Yes No Fountains & Water Fall Structure Yes No Walkways Yes No Jogging tracks No Bridges & Culverts Yes No Bridges & Culverts Yes No Bridges & Culverts Yes No Benches/ sitting arrangements Yes No Benundary Wall & Gate Yes No Daudary Wall & Gate Yes No Lakes & Brooks Yes No Lakes & Brooks Yes No Swings Yes No Smings Yes No Smings Yes No Sanitation & Water Supply Litter Bins Yes No Condition of SWM Goo Sewerage System Yes No Sewerage System Yes No Sewerage System Yes No Sewerage System Yes No Sewerage System									
Bulbs And Tubes  Control Units  Structures  No. of Toilets  Gents Ladies 3  Condition of Toilets  Buildings Fountains & Water Fall Structure  Walkways Jogging tracks Ramps at entry gates for wheel chairs Priages & Culverts Play Area Gazebos Penches/sitting arrangements Pondary Wall & Gate Toilets Pesson  Mechanical Equipment Pumping Units Pumping Units Pesson Sanitation & Water Supply Litter Bins Condition of SWM  Gents A Gents Broor Broor Boor Boor Boor Boor Boor B									
Control Units									
Structures   Gents   3									
No. of Toilets    Gents	Control office	Structures	100						
No. of Toilets  Ladies 3  Gents Poor  Buildings Yes No Fountains & Water Fall Structure Yes No Walkways Yes No Jogging tracks Yes No Ramps at entry gates for wheel chairs Yes No Bridges & Culverts Yes No Gazebos Yes No Benches/ sitting arrangements Yes No Boundary Wall & Gate Yes No Lakes & Brooks Yes No Lakes & Brooks Yes No  Mechanical Equipment Pumping Units Yes No Swings Yes No Ghildren Games Yes No Benches Yes No Sanitation & Water Supply Litter Bins Yes No Condition of SWM Good Fair Poor Toilet Fixtures Yes No Sewerage System Yes No Sewerage System		I		3					
Condition of Toilets  Gents Poor Ladies Poor Buildings Yes No Fountains & Water Fall Structure Yes No Walkways Yes No Jogging tracks Yes No Bridges & Culverts Yes No Benches/ sitting arrangements Yes No Boundary Wall & Gate Yes No Lakes & Brooks Yes No Lakes & Brooks Yes No  Mechanical Equipment Pumping Units Yes No Children Games Yes No Benches Sanitation & Water Supply Litter Bins Yes No Condition of SWM Good Fair Poor Toilet Fixtures Yes No Sewerage System Yes No Ses No Sewerage System Yes No Ses No Ses No Condition of SWM Fes No Ses No Sewerage System Yes No Ses No Ses No Ses No Ses No Ses No Sewerage System Yes No	No. of Toilets								
Buildings	_	Gents	F						
Buildings Yes No Fountains & Water Fall Structure Yes No Walkways Yes No Jogging tracks Yes No Ramps at entry gates for wheel chairs Yes No Bridges & Culverts Yes No Play Area Yes No Gazebos Yes No Benches/ sitting arrangements Yes No Boundary Wall & Gate Yes No Lakes & Brooks Yes No Lakes & Brooks Yes No  Mechanical Equipment Pumping Units Yes No Swings Yes No Children Games Yes No Enches Yes No Sanitation & Water Supply Litter Bins Yes No Condition of SWM Goo d Toilet Fixtures Yes No Sewerage System Yes No	Condition of Toilets								
Fountains & Water Fall Structure  Walkways  Jogging tracks  Ramps at entry gates for wheel chairs  Play Area  Yes  No  Gazebos  Benches/ sitting arrangements  Yes  No  Boundary Wall & Gate  Toilets  Yes  No  Mechanical Equipment  Pumping Units  Yes  No  Swings  Yes  No  Sanitation & Water Supply  Litter Bins  Condition of SWM  Wes  No  No  No  No  No  No  No  Sewerage System  No  No  No  No  No  No  No  No  No  N	Buildings				No				
WalkwaysYesNoJogging tracksYesNoRamps at entry gates for wheel chairsYesNoBridges & CulvertsYesNoPlay AreaYesNoGazebosYesNoBenches/ sitting arrangementsYesNoBoundary Wall & GateYesNoToiletsYesNoLakes & BrooksYesNoMechanical EquipmentYesNoPumping UnitsYesNoSwingsYesNoChildren GamesYesNoFixturesYesNoBenchesYesNoSanitation & Water SupplyLitter BinsYesNoCondition of SWMGoo dFairPoorToilet FixturesYesNoSewerage SystemYesNo		Fall Structure			No				
Jogging tracks Ramps at entry gates for wheel chairs Bridges & Culverts Yes No Play Area Yes No Benches/ sitting arrangements Yes No Boundary Wall & Gate Toilets Yes No Lakes & Brooks Yes No  Mechanical Equipment Pumping Units Yes No Children Games Yes No Sanitation & Water Supply Litter Bins Condition of SWM  Fair  Poor Toilet Fixtures Sewerage System Yes No	Walkways		Yes		No				
Ramps at entry gates for wheel chairs Bridges & Culverts Yes No Play Area Yes No Benches/ sitting arrangements Yes No Boundary Wall & Gate Toilets Yes No Lakes & Brooks Yes No  Mechanical Equipment Pumping Units Yes No Children Games Yes No Sanitation & Water Supply Litter Bins Condition of SWM Fair Foor Toilet Yes No Sewerage System Yes No Sono Bridges No	Jogging tracks		Yes		No				
Bridges & Culverts Yes No Play Area Yes No Gazebos Yes No Benches/ sitting arrangements Yes No Boundary Wall & Gate Yes No Toilets Yes No Lakes & Brooks Yes No  Mechanical Equipment  Pumping Units Yes No Swings Yes No Children Games Yes No Fixtures Yes No Benches Yes No Sanitation & Water Supply Litter Bins Yes No Condition of SWM Goo d Fair Poor Toilet Fixtures Yes No Sewerage System Yes No		es for wheel chairs	Yes		No				
Gazebos Yes No Benches/ sitting arrangements Yes No Boundary Wall & Gate Yes No Toilets Yes No Lakes & Brooks Yes No  Mechanical Equipment  Pumping Units Yes No Swings Yes No Children Games Yes No Fixtures Yes No Benches Yes No Sanitation & Water Supply Litter Bins Yes No Condition of SWM Goo Fair Poor Toilet Fixtures Yes No Sewerage System Yes No			Yes		No				
Benches/ sitting arrangements  Boundary Wall & Gate  Toilets  Lakes & Brooks  Mechanical Equipment  Pumping Units  Swings  Children Games  Fixtures  Benches  Yes  No  Sanitation & Water Supply  Litter Bins  Condition of SWM  Toilet Fixtures  Sewerage System  No  No  No  No  No  No  No  No  No  Sewerage System  No  No  No  No  No  No  No  No  No  N	Play Area		Yes		No				
Benches/ sitting arrangements  Boundary Wall & Gate  Toilets  Lakes & Brooks  Mechanical Equipment  Pumping Units  Swings  Children Games  Fixtures  Benches  Yes  No  Sanitation & Water Supply  Litter Bins  Condition of SWM  Toilet Fixtures  Sewerage System  No  No  No  No  No  No  No  No  No  Sewerage System  No  No  No  No  No  No  No  No  No  N			Yes						
Boundary Wall & Gate Yes No Toilets Yes No Lakes & Brooks Yes No  Mechanical Equipment Pumping Units Yes No Swings Yes No Children Games Yes No Fixtures Yes No Benches Yes No Sanitation & Water Supply Litter Bins Yes No Condition of SWM Goo Goo Goo Goo Goo Goo Goo Goo Goo Go	Benches/ sitting arr	angements	Yes		No				
Lakes & Brooks  Mechanical Equipment  Pumping Units  Swings  Yes  No  Children Games  Yes  No  Fixtures  Benches  Yes  No  Sanitation & Water Supply  Litter Bins  Condition of SWM  Goo  d  Toilet Fixtures  Yes  No  Sewerage System  Yes  No  No  No  No  No  No  No  No  No  N	Boundary Wall & Ga	ate	Yes		No				
Mechanical EquipmentPumping UnitsYesNoSwingsYesNoChildren GamesYesNoFixturesYesNoBenchesYesNoSanitation & Water SupplyLitter BinsYesNoCondition of SWMGoo dFairPoorToilet FixturesYesNoSewerage SystemYesNo	Toilets		Yes		No				
Pumping Units  Swings  Yes  No  Children Games  Yes  No  Fixtures  Benches  Yes  No  Sanitation & Water Supply  Litter Bins  Condition of SWM  Goo  d  Fair  Poor  Toilet Fixtures  Yes  No  Sewerage System  Yes  No  No	Lakes & Brooks		Yes		No				
Swings Yes No Children Games Yes No Fixtures Yes No Benches Yes No Sanitation & Water Supply Litter Bins Yes No Condition of SWM Goo d Fair Poor Toilet Fixtures Yes No Sewerage System Yes No	N	1echanical Equipmen	t						
Children Games Yes No Fixtures Yes No Benches Yes No  Sanitation & Water Supply Litter Bins Yes No Condition of SWM Goo d Fair Poor Toilet Fixtures Yes No Sewerage System Yes No	Pumping Units		Yes		No				
Fixtures Yes No  Benches Yes No  Sanitation & Water Supply  Litter Bins Yes No  Condition of SWM Goo d Fair Poor  Toilet Fixtures Yes No  Sewerage System Yes No	Swings		Yes		No				
Benches  Sanitation & Water Supply  Litter Bins  Condition of SWM  Goo d Fair Poor  Toilet Fixtures  Yes No  Sewerage System  Yes No	Children Games		Yes		No				
Sanitation & Water Supply Litter Bins Yes No  Condition of SWM Goo d Fair Poor  Toilet Fixtures Yes No Sewerage System Yes No	Fixtures		Yes		No				
Litter Bins  Condition of SWM  Goo d Fair Poor  Toilet Fixtures Yes No Sewerage System  Yes No	Benches	Yes		No					
Condition of SWM  Goo d Fair Poor  Toilet Fixtures Yes No Sewerage System Yes No		ply							
Toilet Fixtures  Yes No Sewerage System  Yes No	Litter Bins		Yes		No				
Toilet Fixtures Yes No Sewerage System Yes No	Condition of SWM			Fair	Poor				
Sewerage System Yes No	Toilet Fixtures			ı ı	No				
		& Disposal	Yes	ı	No				

	Integrated Development And Asset Management Plan (IDAMP)								
	Municipal Committee Jhang								
Form:	Form: Park Asset Code:								
IDAMP-A10.1		Asset	Condition	ı As	sessm	ent		Date: 26-01-2023	
Drinking water a (based on available test reports)	•		Not A	/aila	ıble				
Water Pipes			Yes		No				
'	HR								
Security Guards			Yes		No				
Landscape Experts	5		Yes		No				
Mali/Beldaar (Nur	nber)		Yes		No				
			Ove	eral	l Ratin	g			
Average Score	1		2			3	4	5	
Asset Condition	Excellent		Good			Fair	Poor	Failing	
Category	Α		В			С	D	E	
			Remarks		equire	ements			
Play Areas, Li	ghts and water co	olers	are requir	ed.					
Data Collected By: Mr. Abdullah			Designation: Team Member			nber	Juftsh Sign & Date: 15 May 2023		
Data Checked By: Mr. M Fiaz			Designation: Team Lead			I	Mayf	nay 2023	

		Integra	ted Develo	opment Ar	nd Asset N	lanagement Pl	an (IDAMP)			
	Municipal Committee Jhang									
Form IDAMP-A	•		Asset	Par t Condition	••	ent	Asset Code: Date: 26-01-2023			
Name			Jam	il Shaheed	Park		Pictures			
Location	Latitud	de		31.274164	1					
Location	Location Longitude		72.322226							
Area In Acre	es			3.75						
Ownership- possession by any othe (documents	allocate er depar	ed to MC tment		MC			GPS Map Camera			
Turfing Con	dition		Good	Fair	Poor		Jhang Sadar, Punjab, Pakistan			
Approach R	oad		Good	Fair	Poor		78FC+JVW Jamil Shaheed Park, Jhang-Sargodha Rd, Ayub Chowk, Saddar, Jhang, Punjab, Jhang Sadar, Jhang, Punjab, Pakistan			
Parking Lots		Yes		No		Lat 31.274164°				
Canteen Availability		Yes <b>No</b>			Long 72.322226° 27/01/23 10:59 AM GMT +05:00					
Average number of daily visitors		Not Available			Google	2/10/123 10:05 HIN ON 1 YOURD				

	Integrated Develo	pment Ar	nd Asset M	anagement Plan (IDAMP)				
	Municipal Committee Jhang							
Form	Form: Park Asset Code:							
IDAMP-A10.2	Asset		r n Assessm					
(based on the asses	ssment of							
MC staff)								
Any illegal occup	oants or							
encroachments of	oserved-if N	ot Availab	le					
yes, type								
Security system	Yes		No					
,	Watering & Irrigation	1						
Tube Well		Yes	No					
Water Supply from	Municipal System	Yes	No					
Water Tank		Yes	No					
Pumping Unit		Yes	No					
Distribution Pipe Lir	nes	Yes	No					
Valves		Yes	No					
Sprinkler System		Yes	No					
Ground water stora	ge reservoirs/ponds	Yes	No					
	ndscaping & Plantati	on						
Grass Beds		Yes	No					
Flower Beds		Yes	No					
Hedges		Yes	No					
Plants		Yes	No					
Number of trees an	d species							
(based on readily a	vailable information							
at MC)								
	Lights							
Total Number		1	vailable					
Poles		Yes	No					
Cables		Yes	No					
Brackets And Lights		Yes	No					
Bulbs And Tubes		Yes	No					
Control Units		Yes	No					
	Structures							
No. of Toilets	Gents		2					
1101 01 1011015	Ladies		2					
Condition of Toilets	Gents		oor					
	Ladies	1	oor					
Buildings		Yes	No					
Fountains & Water	Fall Structure	Yes	No					
Walkways		Yes Yes	No					
	Jogging tracks		No					
Ramps at entry gates for wheel chairs		Yes	No					
Bridges & Culverts		Yes Yes	No					
	Play Area		No					
	Gazebos		No					
Benches/ sitting arr		Yes	No					
Boundary Wall & Ga	ate	Yes	No					
Toilets		Yes	No					
Lakes & Brooks		Yes	No					
<b>N</b>	1echanical Equipmer	nt						

Integrated Development And Asset Management Plan (IDAMP)									
	Municipal Committee Jhang								
Form:		Park					Asset	Code:	
IDAMP-A10.2	Į.	Asset (	Conditio	n Ass	essme	ent		Date: 26-01-2023	
Pumping Units			Yes	N	10				
Swings	Swings			N	lo				
Children Games			Yes	N	lo				
Fixtures			Yes	N	lo				
Benches			Yes	١	lo				
Sar	nitation & Water	r Supp	oly						
Litter Bins			Yes	١	١o				
Condition of SWM			Goo d	Fair	Poor				
Toilet Fixtures			Yes	l N	lo				
Sewerage System			Yes	١	lo				
Vegetation Cuttings	& Disposal		Yes	N	lo				
Drinking water avail	•	ty							
(based on availabil		-							
test reports)									
Water Pipes			Yes	N	lo				
	HR	•							
Security Guards			Yes	١	Ю				
Landscape Experts			Yes	I	No				
Mali/Beldaar (Numb	per)		Yes	١	Ю				
			O۱	/erall	Rating	3			
Average Score	1		2			3	4	5	
Asset Condition	Excellent		Good			Fair	Poor	Failing	
Category	Α		В			С	D	E	
			Remark	s / Re	quire	ments			
<ul> <li>No remarks</li> </ul>									
Data Collected By: Mr. Abdullah Des			ignation: Team Member			ber	Jufoh Sign & Date: 15 May 2023		
Data Checked By: M	lr. M Fiaz	Desig	signation: Team Lead				Sign & Date: 15 May 2023		

	Integrated Development And Asset Management Plan (IDAMP)								
				Muni	icipal	Committe	ee Jhang		
Form	):				Par	·k	Asset Code:		
IDAMP-A	10.3		Asset	Cond	ditio	n Assessm	ent Date: 26-01-2023		
Name				Dajji	Park		Pictures		
	Latitud	de		31.2	738				
Location	Longit	ude		72.3	3146				
Area In Acro				0.	.2				
Ownership- possession by any other (documents	allocate er depar	ed to MC tment		N	1C				
Turfing Con	dition		Good	Fa	air	Poor			
Approach R	oad		Good	Fa	air	Poor			
Parking Lots			Yes			No			
Canteen Av		v	Yes			No			
Average n visitors	Average number of daily visitors (based on the assessment of			ot Av	ailab				
Any illega									
encroachm	ents ol	oserved-if	N	ot Av	ailab	le			
yes, type									
Security sys			Yes			No			
Tl \A/-!!		Watering 8	& Irrigation		·	81-			
Tube Well Water Supp	ly from	Municipal	System	<b>+</b>	es es	No No	Conferme		
Water Tank	•	iviuriicipai	Зузсен		es	No			
Pumping Ur					es	No			
Distribution		nes			es	No			
Valves	-			Υ	es	No			
Sprinkler Sy	stem			Υ	es	No			
Ground wat		_			es	No			
	La	ndscaping	& Plantati				Theres (10)		
Grass Beds					es	No			
Flower Beds	5				es	No			
Hedges Plants					es es	No No			
Number of	trees an	d species			CS	INO			
		-	formation		3	30			
(based on readily available information at MC)				•	-				
		Lig	hts						
Total Numb	er					13			
Poles					es	No			
Cables	با=ئالم				es	No			
Brackets And T					es	No			
Bulbs And T Control Uni					es es	No No			
CONTROL ON	ıs	Struc	tures		<del>c</del> s	INU			
No. of Toile	ts	Gents				0			
				<u> </u>		-			

	Integrated De	evelo	pment An	d Asset N	lanagement	Plan (IDAMP)		
	Municipal Committee Jhang							
Form:			Parl			Asset	Code:	
IDAMP-A10.3		Asset	Condition	Assessm	ent		Date: 26-01-2023	
	Ladies		2	2				
Condition of Toilets	Gents			-				
Condition of Tollets	Ladies		Exce	llent				
Buildings			Yes	No				
Fountains & Water	Fall Structure		Yes	No				
Walkways			Yes	No				
Jogging tracks			Yes	No				
Ramps at entry gat	es for wheel chai	rs	Yes	No				
Bridges & Culverts			Yes	No				
Play Area			Yes	No				
Gazebos			Yes	No				
Benches/ sitting ar	rangements		Yes	No				
Boundary Wall & G			Yes	No				
Toilets			Yes	No				
Lakes & Brooks			Yes	No				
	Mechanical Equip	omen						
Pumping Units			Yes	No	-			
Swings			Yes	No	-			
Children Games			Yes	No				
Fixtures			Yes	No				
Benches			Yes	No				
	nitation & Wate	r Sun		110				
Litter Bins	intation & wate	Jup	Yes	No				
Condition of SWM			Yes	No				
Toilet Fixtures			Yes	No				
Sewerage System	s 9 Disposal		Yes Yes	No No				
Vegetation Cutting		+	162	NO				
Drinking water ava		-	Not Av	ailablo				
test reports)	iity oi watei qu	ianty	NOL AV	allable				
Water Pipes			Yes	No				
water ripes	HR		163	NO				
Security Guards	пк		Yes	No				
Landscape Experts			Yes	No				
Mali/Beldaar (Num	her)			) )				
iviali/beluaal (Num	טכו )			rall Ratin	g .			
Average Score	1		2	an Natin	<u>8</u> 3	4	5	
Asset Condition	Excellent		Good	-	Fair	Poor	Failing	
			B		C		Falling	
category	Category A					D	С	
Tiplicat out-	om Convite DI-	, Λ	Remarks	-		roquirod		
Ticket syst	em, Security, Pla	y Area	as, Lights a	na water	coolers are	1		
Data Collected By: Mr. Abdullah Des.			ignation: Team Member			Sign & Date: 15 N		
						sign & Date: 15 N	10y 2023	

	Integrated Development And Asset Management Plan (IDAMP)								
	Municipal Committee Jhang								
Form: Park Asset Code:									
IDAMP-A10.3	4	Asset Condition Assessment	Date: 26-01-2023						
Data Checked By: M	r. M Fiaz	Designation: Team Lead	Workput						
			Sign & Date: 15 May 2023						

# 6. Land

## A. Open Plots

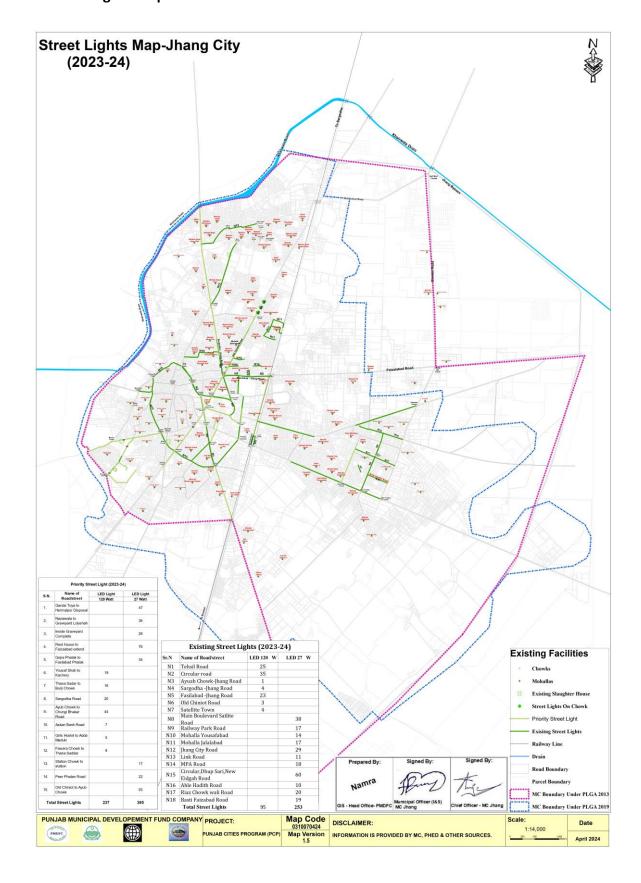
Sr#	Name	Condition	Area (Kanals)	Book Value (PKR Mil)
1	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
2	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
3	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
4	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
5	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
6	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
7	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
8	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
9	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
10	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
11	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
12	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
13	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
14	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
15	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
16	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
17	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
18	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
19	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3

Sr#	Name	Condition	Area (Kanals)	Book Value (PKR Mil)
20	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
21	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
22	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15.3
23	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
24	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
25	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
26	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
27	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
28	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
29	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
30	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
31	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
32	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
33	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
34	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
35	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
36	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
37	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
38	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.65
39	Open plot Municipal Park	Good	Not Available	0
40	General Buss Stand Open Plot	Good	0.5	7.65
41	General Buss Stand Open Plot	Good	0.5	7.65
42	General Buss Stand Open Plot	Good	0.5	7.65

Sr#	Name	Condition	Area (Kanals)	Book Value (PKR Mil)
43	Open Plot-Street Pathara Wali Jhang	Good	Not Available	0
44	Open Land-Ganda Toya Bhakhar Road Jhang Sadar	Good	2	30.6
45	Bhabhrana Mohallah Open Plot	Good	0.15	2.346
46	Qita No 01-Mohallah Bhabrana Jhang Sadar	Good	0.001	0.002346
47	qita no 2-Mohallah Bhabrana Jhang Sadar	Good	0.05	0.765
48	qita no 3-Mohallah Bhabrana Jhang Sadar	Good	Not Available	0
49	Plot For Dispensary-Satellite Town jhang	Good	4	56.1
50	Plot No/ 917/A For Dispensary-Satellite Town jhang	Good	Not Available	0

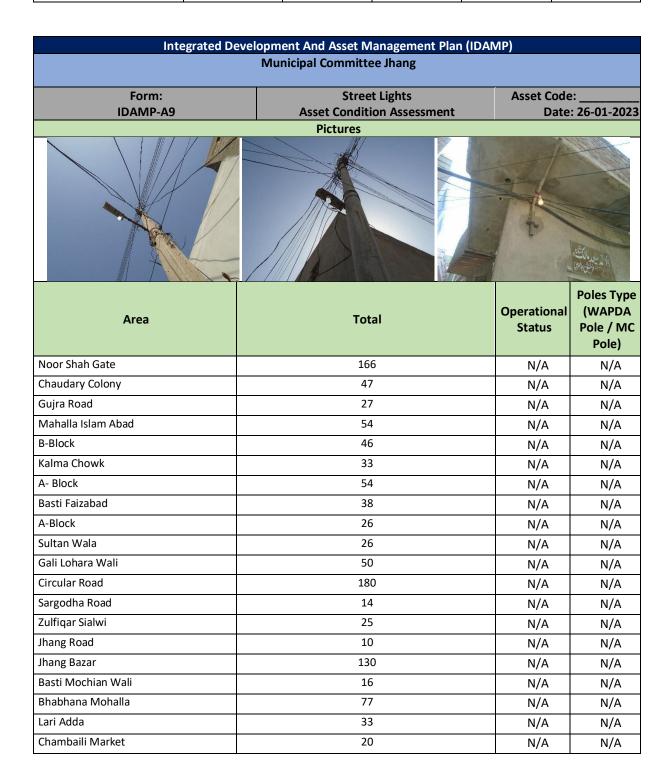
## 7. Street lights

## 7.1 Streetlights Map



		Streetlights	MC Operated	Privately operated
Operational Street Lig	hts	2896	2896	0
Non-Operational	Street	3176	3176	0
Lights				
Total		6072	6072	0

Responsibility of Operation	Precast Concrete	Steel Structure	Tubular Steel	Wall Mounted	Tree
MC	719	404	328	3194	15



Mohalla Pindi	85	N/A	N/A
Chungi #02	16	N/A	N/A
Azad Nasir Dera	18	N/A	N/A
Circular Road	61	N/A	N/A
Bhubhana Muhala	63	N/A	N/A
Complaint Office	39	N/A	N/A
F - Block	11	N/A	N/A
F - Block	23	N/A	N/A
Jhang Bazar	31	N/A	N/A
Folding House	23	N/A	N/A
Chaudary Colony	39	N/A	N/A
Muhalla Noor Ul Islam	26	N/A	N/A
Memna Bazar	54	N/A	N/A
Faizabad Basti	51	N/A	N/A
Muhalla Budday Wala	36	N/A	N/A
Motia Masjid	105	N/A	N/A
Muhalla Mochia Wala	10	N/A	N/A
Muhalla Purana Bagh Chungi No:22	64	N/A	N/A
Muhalla Usmania	14	N/A	N/A
Muhalla Yaabo Wala	39	N/A	N/A
Jhang Bazar	77	N/A	N/A
Naqad Pura Andron	45	N/A	N/A
W-Block	31	N/A	N/A
U Block	20	N/A	N/A
C Block	14	N/A	N/A
Muhalla Kahara Wala	33	N/A	N/A
Qasim Colony	44	N/A	N/A
Muhalla Qazia Wala	40	N/A	N/A
Rana Colony	28	N/A	N/A
Z-Block	39	N/A	N/A
Sessions Court Chowk	52	N/A	N/A
Bhabana Muhala	63	N/A	N/A
Chenab Road	35	N/A	N/A
Sultan Colony	59	N/A	N/A
A - Block	46	N/A	N/A
X - Block	63	N/A	N/A
Shiekh Colony	94	N/A	N/A
Khakhi Shah Road	52	N/A	N/A
Basti Sultan Noon	89	N/A	N/A
Basti Ali Araain	52	N/A	N/A
Jhand Road	118	N/A	N/A
Nighat Hospital	25	N/A	N/A
Dana Mandi Chowk	46	N/A	N/A
Harmal Pur	83	N/A	N/A
Basti Noor Pura Jhang	74	N/A	N/A
Bullay Shah	26	N/A	N/A
	•	*	*

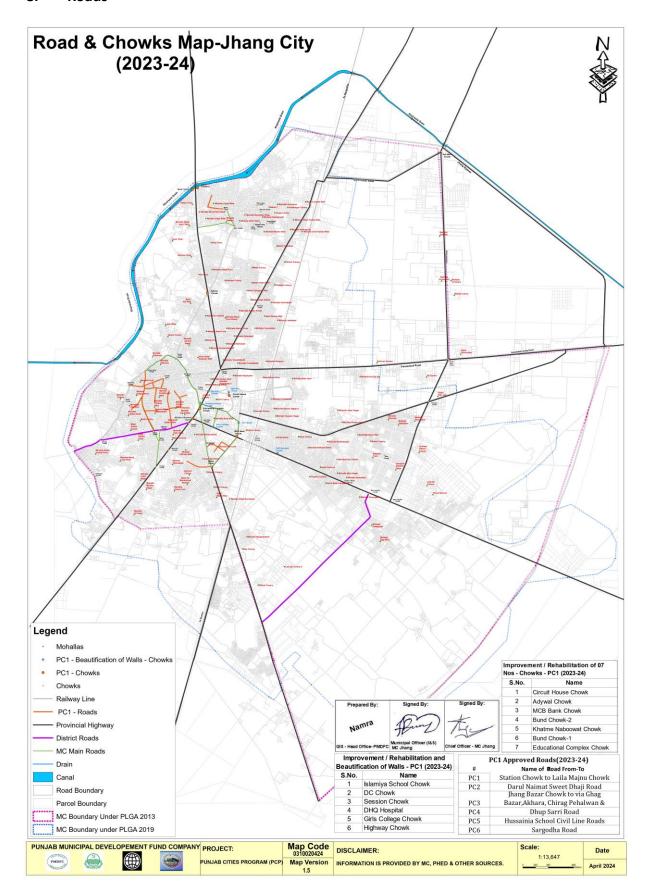
Data Concecca by. Wil. Abdullall	Designation. Team Wember	Sign & Date: 15 N	
Data Collected By: Mr. Abdullah	Designation: Team Member	Designation: Team Member	
Out of the 6072 lights in the MC,	only 2896 lights are operational.		
	Remarks / Requirements	14/74	N/A
Police Chowki	50	N/A	N/A
Chah Nishan Wala	51	N/A	N/A
Ahmad Nagar	72	N/A	N/A
Basti Kal Wali	35	N/A	N/A
Mohalla Hussain Abad	137	N/A	N/A
Zulfiqar Colony Bhakkar Road	46	N/A	N/A
Darbar Bollay Shah Qabarustan	89	N/A	N/A
Government School Gali Sargodha Road	76	N/A	N/A
Marzi Pura Imam Kot Sharqia	208	N/A	N/A
Faislabad Road	74	N/A	N/A
Rehman Colony	119	N/A	N/A
Baab E Ali Aamir Town	45	N/A	N/A
Muhalla Sharifa Wala	77	N/A	N/A
Mahalla Dawod Shan Jhang	83	N/A	N/A
Gali Gujjara Wali	128	N/A	N/A
Madina Town	76	N/A	N/A
Lodhan Shah	94	N/A N/A	N/A
Chorri Gran	44	N/A N/A	N/A N/A
Bulak Shah	100	N/A N/A	N/A N/A
Marzi Pura Imam Kot Sharqia	106	N/A N/A	N/A N/A
Janaza Gah Road	53	N/A N/A	N/A N/A
Bagha Wala	62	N/A	N/A N/A
Gharry Bhan	53	N/A N/A	N/A N/A
Muhalla Dubkaran	99	N/A N/A	N/A N/A
Muhalla Jalala Abad	79	N/A N/A	N/A N/A
Muhalla Hasmana	160	N/A N/A	N/A N/A
Inside Janzagah	32	N/A	N/A
Basheer Colony  Near Laila-Majnu Gate	36 93	N/A	N/A
District Courts	52	N/A	N/A
Near Baldia Park	57	N/A	N/A
Main Bazar Soch	44	N/A	N/A
Sadar High School	16	N/A	N/A
Anar Kali Bazar	138	N/A	N/A
Dhaji Road	47	N/A	N/A
Sultan Mohalla	99	N/A	N/A
Sultan Mohalla	119	N/A	N/A
Nawaz Chowk	21	N/A	N/A
Name Chamb	24		

Data Checked By: Mr. M Fiaz	Designation: Team Lead	Martha
		Sign & Date: 15 May 2023

Out of the 6072 lights in the MC, only 2896 lights are operational. Details are given in the following table:

Equipment Type	Wattage of Lighting Fixture	Quantity	Responsibility of Operation	Daily Operational Hours	Electricity Consumption (kWh/yr)
Bulb	11	2	MC	9.2	96
Bulb	60	252	MC	9.2	66,226
Bulb	100	993	MC	9.2	434,934
Bulb	200	16	MC	9.2	14,016
Energy Saver	12	2	MC	9.2	105
Energy Saver	23	438	MC	9.2	44,124
Energy Saver	24	2	MC	9.2	210
Energy Saver	25	21	MC	9.2	2,300
Energy Saver	32	3	MC	9.2	420
Energy Saver	40	1	MC	9.2	175
Energy Saver	42	3	MC	9.2	552
Energy Saver	45	4	MC	9.2	788
Energy Saver	85	8	MC	9.2	2,978
LED	5	7	MC	9.2	153
LED	8	6	MC	9.2	210
LED	10	2	MC	9.2	88
LED	11	1	MC	9.2	48
LED	12	533	MC	9.2	28,014
LED	18	64	MC	9.2	5,046
LED	20	1	MC	9.2	88
LED	23	4	MC	9.2	403
LED	24	1	MC	9.2	105
LED	28	1	MC	9.2	123
LED	30	6	MC	9.2	788
LED	40	1	MC	9.2	175
LED	45	69	MC	9.2	13,600
LED	50	88	MC	9.2	19,272
LED	60	1	MC	9.2	263
LED	100	43	MC	9.2	18,834
LED	120	9	MC	9.2	4,730
Mercury Bulb	125	1	MC	9.2	548
Mercury Bulb	160	1	MC	9.2	701
Tube light	12	1	MC	9.2	53
Tube light	23	1	MC	9.2	101
Tube light	40	309	MC	9.2	54,137
Tube light	60	1	MC	9.2	263

#### 8. Roads



Sr#	Road Name		Paved Width	Existing Type	Length (km)
	From	То	(ft)		(KIII)
1	Pakka Railway Road Old Chiniot Road	Babe Umar	20	TST	1.4
2	Sargodha Road	Ayub Chowk	24+24	TST	3.5
3	Faisalabad Road	Ayub Chowk	24	TST	1
4	Katcha Railway Road /Old Chiniot Road	Shereen Chowk	20	TST	1.2
5	Rasheed Chowk	Sargodha Road	20	TST	0.8
6	Adhiwal Chowk	Tanga Adda Jhang City	20	TST	2.25
7	Sargodha Road Chungi No.22	High School Chowk/Thana City	20	TST	2.3
8	Hafiz Abad Chowk, Old Chiniot Road	Tibba Registan	15	TST	1
9	Tanga Adda City	Jora Khu	15	TST	1.2
10	Jora Khu	Babe Usman	15	TST	1.5
11	Cycle More / Lorry Adda	Governmnet Girls College	15	TST	1.7
12	Zacha Bacha Hospital Link	Sargodha Road	15	TST	1
13	Sargodha Road	Chak Noor Shah Disposal	15	TST	1.5
14	Bye Pass Chowk, Sargodha Road	Eid Gah	15	TST	1
15	Adhiwal Chowk	Via Sabzi Mandi	20	TST	2
16	Sargodha Road	Tanga Adda Saddar	20	TST	1
17	Sabzi Mandi	Jhang Road (MPA Road)	20	TST	2.5
18	MPA Chowk Jhang Road	Bye Pass Via Basti Kal Wali	20	TST	1
19	Chiragh Pehalwan Akhara	Street A-Rahman Wali Bhabhrana Mohallah	22	TST	1.25
20	Jhang Bazar Chowk	Jhang Bazar Chowk	20	TST	0.75
21	Chiragh Pehalwan Akhara	Tanga Adda Jhang Saddar	20	TST	0.9
22	Chiragh Pehalwan Akhara	Byepass / Hifazti Bund	20	TST	2.25
23	Bhabhrana Mohallah / Laila Majno Gate	Harmal Pur Disposal	20	TST	2.3
24	Abot Pur Chowk	Abot Pur Chowk Via Bulaq Shah Road	20	TST	1.15
25	Bohar Wala Chowk	Station Chowk	25	TST	0.7

Sr#	Road Name		Paved Width	Existing Type	Length (km)
	From	То	(ft)		(KIII)
26	Thana Saddar Chowk /Islamia School	Toba Road Via Millat College	25	TST+ Asphalt	2.25
27	Fowara Chowk	Toba Wala Phatak Toba Road	18	TST	0.8
28	Railbazar Chowk Pakka Kot Road	Kot Road Via Main Bazar	30	TST	1.05
29	Darul Sakina Road Rehmat Street	Ayoub Chowk	15	TST	0.4
30	Dhudhi Mor Via Musa Chowk	Gojra Road	15	TST	0.85
31	Musa Chowk	Forest Office Link Chiniot Road	20	TST	1.2
32	Link Chiniot Road Green Belt	Khokha Chowk	12	TST	0.9
33	Bihari Colony	Behari Colony Via Bashir Chowk	12	TST	0.9
34	Satellite Town Internal Roads	Link Chiniot Road Via Riaz Chowk	12	TST	5
35	Toba Road Railway Phatak	Faisalabad Road Railway Phatak Via Railway Colony	18	TST	2.25
36	Ghalla Mandi	Nawaz Chowk Via Dpo Residance Back	18	TST	1.1
37	Fowara Chowk Dhajji Road	Bulaq Shah Ground	15	TST	1.5
38	Chandni Chowk	Dhajji Road Via Gumbado Wali Masjid	15	TST	1.1

# Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Road Asset Code: \_\_\_\_\_\_ IDAMP-A8 Asset Condition Assessment Date: 26-01-2023 Pictures

Sr. No.	From	То	Ownership	TST, Asphalt Or Concrete Pavers	Row (Ft)	Paved Width (Ft)	Approx. Length (Km)	Condition
1	Pakka Railway Road Old Chiniot Road	Babe Umar	MC Jhang	TST		20	1.4	poor
2	Sargodha Road	Ayub Chowk	MC Jhang	TST		24+24	3.5	Good
3	Faisalabad Road	Ayub Chowk	MC Jhang	TST		24	1.0	Good
4	Katcha Railway Road Old Chiniot Road	Shereen Chowk	MC Jhang	TST	35	20	1.2	poor
5	Rasheed Chowk	Sargodha Road	MC Jhang	TST	70	20	0.8	poor
6	Adhiwal Chowk	Tanga Adda Jhang City	MC Jhang	TST	65	20	2.25	poor
7	Sargodha Road Chungi No.22	High School Chowk/ Thana City	MC Jhang	TST		20	2.3	poor
8	Hafiz Abad Chowk Old Chiniot Road	Tibba Registan	MC Jhang	TST		15	1	poor
9	Tanga Adda City	Jora Khu	MC Jhang	TST		15	1.2	poor
10	Jora Khu	Babe Usman	MC Jhang	TST		15	1.5	poor
11	Cycle More / Lorry Add	Governmnet Girls College	MC Jhang	TST	25	15	1.7	poor
12	Zacha Bacha Hospital Link	Sargodha Road	MC Jhang	TST		15	1	poor
13	Sargodha Road	Chak Noor Shah Disposal	MC Jhang	TST	30	15	1.5	poor
14	Bye Pass Chowk, Sargodha Road	Eid Gah	MC Jhang	TST		15	1	poor
15	Adhiwal Chowk	Via Sabzi Mandi Tanga Adda Saddar	MC Jhang	TST	50	20	2	poor

		Int	egrated Developr	nent And Ass	et Managen	nent Pl	an (IDAM	P)	
			Mı	unicipal Comi	mittee Jhang	3			
	Form: AMP-A8		Asset Cond	Road lition Assessn	nent			Asset Cod	le: e: 26-01-2023
16	Sargodha	Road	Jhang Road (MPA Road)	MC Jhang	TST	40	20	1	poor
17	Sabzi Ma	ındi	Bye Pass Via Basti Kal Wali	MC Jhang	TST	40	20	2.5	poor
18	MPA Cho JhangRo		Street A- Rahman Wali Bhabhrana Mohallah	MC Jhang	TST	20	20	1	poor
19	Chirag Pehalw Akhar	an	Jhang Bazar Chowk	MC Jhang	TST	40	22	1.25	poor
20	Jhang Ba Chow		Tanga Adda Jhang Saddar	MC Jhang	TST	40	20	0.75	poor
21	Chirag Pehalw Akhar	an	Byepass / Hifazti Bund	MC Jhang	TST	40	20	0.9	poor
22	Chirag Pehalw Akhar	an	Harmal Pur Disposal	MC Jhang	TST	40	20	2.25	poor
23	Bhabhra Mohalla Laila Majno	ıh /	Abot Pur Chowk Via Bulaq Shah Road	MC Jhang	TST	40	20	2.3	poor
24	Abot Pur C	howk	Station Chowk	MC Jhang	TST	40	20	1.15	poor
25	Bohar W Chow		Toba Road Via Millat College	MC Jhang	TST	55	25	0.7	poor
26	Thana Sa Chow /Islamia So	k	Toba Wala Phatak Toba Road	MC Jhang	TST+Asp halt	55	25	2.25	poor
27	Fowara Ch	nowk	Kot Road Via Main Bazar	MC Jhang	TST	40	18	0.8	poor
28	Railbazar C Pakka Kot		Ayoub Chowk	MC Jhang	TST	60	30	1.05	poor
29	Darul Sal Road Rehmat S		Gojra Road	MC Jhang	TST	18	15	0.4	poor
30	Dhudhi Mo Musa Chow	or Via	Forest Office Link Chiniot Road	MC Jhang	TST	60	15	0.85	poor
31	Musa Ch		Khokha Chowk	MC Jhang	TST	60	20	1.2	poor
32	Link Chinio		Behari Colony Via Bashir Chowk	MC Jhang	TST	70	12	0.9	poor

		Int	egrated D	evelopr	nent And Asso	et Manager	nent P	lan (IDAM	P)		
				Mı	unicipal Comn	nittee Jhan	g				
	Form: AMP-A8		Ass	et Cond	Road lition Assessm	nent		Asset Code:			
33	Bihari Col	lony	Link Ch Roa Via Riaz (	d	MC Jhang	TST	35	12	0.9	poor	
34	Satellite T Internal R				MC Jhang	TST	35	12	5	poor	
35	Toba Ro RailwayPh		Faisalaba Railway F Via Railway (	Phatak I	MC Jhang	TST	40	18	2.25	Good	
36	Ghalla Ma	andi	Nawaz Chowk Via Dpo Residance Back		MC Jhang	TST	40	18	1.1	poor	
37	Fowara Ch Dhajji Road	i	Bulaq S Grou		MC Jhang	TST	35	15	1.5	poor	
38	Chandni Cl	howk	Dhajji Ro Gumbad Masj	o Wali	MC Jhang	TST	35	15	1.1	poor	
Data Collected By: Mr. Abdullah				Designation: Team Member					المال المراء 2: 15 May 2	023	
Data C	Data Checked By				Designation: Team Lead			Sign & Date: 15 May 2023			

### 9. Office Vehicles

Sr #	Name	Registration Number	Age (Years)	Condition	Status	Book Value (PKR Mil)	Capacity
1	Suzuki-Potohar	JGA-4077	Not Available	Fair	Functional	0.18	970
2	Suzuki-Cultus	JGC 4242	20	Fair	Functional	0.315	1000 cc
3	Nissan-Safari	JGA 4141	35	Failing	Functional	0.333	1000 cc

	Integrated	Development and As	set Management	Plan (IDA	MP)		
		Municipal Con					
Form:		Moveable As					
IDAMP-A16		Asset Condition As					
Type of V	ehicle / Ma	chinery	Pictures				
Ca	r & Jeeps	;					
		Jeep	Car 1		Car 2		
Capacity		970 CC	1000 CC		1000 CC		
Purpose		Office Use	Office Use		Office Use		
Year of Manufacturin	g	Not Available	2003		1988		
Model		Potohar	Cultus		Safari		
Capital Cost		Not Available	Not Available Not Availabl				
Fuel Consump (Liters/month)	tion	76	233		0		
Condition		Fair	Fair		Poor		
Engine Capacity		970 CC	1000 CC	;	1000 CC		
Maintenance Cost		Not Available	Not Availa	ble	Not Available		
Oiling /Fitness		Yes	Yes		Yes		
Fitness Certificate		No	No		No		
Registered		JGA-4077	JGC 4242	2	JGA 4141		
Overall Rating		Fair	Fair		Failing		
		Remarks / Re	equirements				
No remarks							
Data Collected By: Mr	. Abdullah	Designation: Teal	m Member	Sign & E	Julih Date: 15 May 2023		

	Integrated D	evelopment and Asset Management	Plan (IDAMP)								
	Municipal Committee Jhang										
Form: Moveable Asset Asset Code: IDAMP-A16 Asset Condition Assessment Date: 27-03-2023											
Data Checked By: M	r. M Fiaz	Designation: Team Lead	Mayfry Sign & Date: 15 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	02-09-01-01-XX	
						Water Supply Network			
				Water Supply		(ft)	02	02-09-01-02-XX	
				Water Supply System	01	OHR	03	02-09-01-03-XX	
				System		Filtration Plants	04	02-09-01-04-XX	
						Vehicles	05	02-09-01-05-XX	
						GST	06	02-09-01-06-XX	
						Sewerage Network (ft)	01	02-09-02-01-XX	
				Sewerage System	02	Disposal Stations	02	02-09-02-02-XX	
						Vehicles	03	02-09-02-03-XX	
Cantual				Solid Waste		Dumping site	01	02-09-03-01-XX	
				Management	03	Vehicles	02	02-09-03-02-XX	
Central	02	Jhang	09	System	System		Parking Shed	03	02-09-03-03-XX
Punjab								Roads	01
				Roads and Streets	04	Street	02	02-09-04-02-XX	
						Street light	03	02-09-04-03-XX	
						Parks	01	02-09-05-01-XX	
						Playgrounds	02	02-09-05-02-XX	
						Open Spaces / Plots	03	02-09-05-03-XX	
						Bus Stand	04	02-09-05-04-XX	
				Public Places	05	Library	05	02-09-05-05-XX	
						Slaughter Houses	06	02-09-05-06-XX	
						Graveyards	07	02-09-05-07-XX	
						Masjid/ Imam bargah	08	02-09-05-08-XX	
						Shops	09	02-09-05-09-XX	

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

## **Annexure C. Project Screening and Phasing**

**Project Screening and Phasing:** 

**Project ID:** 02-09-01-04-01

**Project Description:** Rehabilitation of filtration Plant

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Projec	t Purpose & Service Delivery Im	provement					
	Does the project fill a gap in a			2.5	Minor contribution	_	
1.1	wider system of service		10	7.5	Major contribution	Significant contribution	10
	delivery?			10	Significant contribution	Contribution	
				0	No contribution.		
	Whether the project will			2.5	Indirect contribution.	Major contribution to	
1.2	contribute to Sectoral Plan /	30	10	7.5	Minor direct contribution	key development goal.	10
	City Master Plan?			10	Major contribution to key development goal.		
	Whether the deference/			0	No consequences		
4.2	delay of the project is going		40	2.5	Minor consequences	Major immediate	40
1.3	to affect citizens' health, safety, property, prosperity		10	7.5	Major future consequences	consequences	10
	etc.?			10	Major immediate consequences		
2. Public	Response						
				1	Less than 10%		
2.1	Population served by the project.	15	7.5	5	Between 10% to 20%	Greater than 20%	7.5
	p. 0,000	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			1	Minority opposition		
	opposition for the project from NGO's,			5	Majority support		
	community groups, network, media, or business organizations?			2.5	Minority support		
	Is there support or			0	Majority opposition		
2.2	opposition from		2.5	0.5	Minority opposition	NA-iit	2.5
2.3	residents in the immediate vicinity of the		2.5	2.5	Majority support	Majority support	2.5
	new facility?			1.5	Minority support		
3. Envir	onmental Impact						
	The impact of the proposed project on the quality of local			0	Negative effects on quality of the local environment	Positive effects on the	
3.1	environment (e.g., Air	10	10	5	Neutral	quality of the local en	10
	quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the loc al environment	vironment	
4. Socio	-Economic Impact						
				0	No direct revenue		
4.1	Will the project bring in		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	No direct revenue	0
	direct revenue?			5	Revenue meets O&M costs		
		15		7.5	Revenue exceeds O&M costs		
	Are there indirect economic			0	Negative impact on the local economy	Little or no long-term economic	
4.2	benefits from this project in the long term, e.g.,		7.5	2.5	Little or no long-term economic development benefits		2.5
	employment creation, investment generation,			5	Additional investment in the area and increased wealth for citizens	development benefits	

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	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 o	f Implementation						
5.1	Has land been acquired for the project (If required)?		10	10 0	Yes No	Yes	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?		5	0	No	Yes	5
	Will the project get approval	30	5	1	Difficult	Easy	
5.3	from higher levels of			2.5	Standard		5
	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		
5.5	Is there a capable system in place to implement and		5	1	Outside expertise needed for constructi on phase only	Outside expertise nee ded for construction p	1
	operate this project or is external support needed?			3	Outside expertise needed for preparati on phase i.e., feasibility studies	hase only	- -
				5	No outside expertise needed		
Total Acl	hieved Score						83.5

**Project ID:** 02-09-01-04-02

**Project Description :** Rehabilitation and Improvement of water supply system

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Proje	ect Purpose & Service Delivery Improve	ment					1
				2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Significant contribution	10
				10	Significant contribution		
				0	No contribution.		
				2.5	Indirect contribution.	Major contribution to key	
1.2	to Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	development goal.	10
				10	Major contribution to key development goal.		
	Whether the deference/ delay of the		10	0	No consequences	Major immediate consequences	
1.3	project is going to affect citizens'			2.5	Minor consequences		10
1.3	health, safety, property, prosperity			7.5	Major future consequences		10
	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%	Greater than 20%	7.5
				7.5	Greater than 20%		
	Is there support or opposition for	15		0	Majority opposition		
2.2	the		5 -	1	Minority opposition	Majority support	_
2.2	project from NGO's, community			5	Majority support		5
	groups,			2.5	Minority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	network, media or business organizations?						
	Is there support or opposition from			0	Majority opposition		
2.2	residents in the immediate vicinity		2.5	0.5	Minority opposition	Nais vitus assaus	2.5
2.3	of the		2.5	2.5	Majority support	Majority support	2.5
	new facility?			1.5	Minority support		
3. Envir	onmental Impact					,	•
	The impact of the proposed project			0	Negative effects on quality of the local envir onment	Positive effects on the qu	
3.1	on the quality of local environment (e.g. Air quality, Water pollution,	10	10	5	Neutral	ality of the local environ	10
	Waste reduction, etc.			10	Positive effects on the quality of the local en vironment	ment	
4. Socio	p-Economic Impact				,	T	<b>r</b>
				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	- No unecerevende	
				7.5	Revenue exceeds O&M costs		
	Are there indirect economic benefits	15		0	Negative impact on the local economy		
	from this project in the long term, e.g. employment creation,			2.5	Little or no long term economic development benefits	Little or no long term	
4.2	investment generation, increase in		7.5	5	Additional investment in the area and	economic development	2.5
	land/property prices, reduction in				increased wealth for citizens	benefits	
	citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease	of Implementation				,	l	I
5.1		30	10	10	Yes	Yes	10

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Has land been acquired for the project (If required)?			0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	0	Yes No	Yes	5
5.3	Will the project get approval from higher levels of Government?		5	1 2.5 5	Difficult Standard Easy	Easy	5
5.4	Ease of implementation of project in respect of technical design?		5	1 3	Difficult Standard	Easy	5
				5 0	Outside expertise needed for construction, O&M		
5.5	Is there a capable system in place to implement and operate this project		5	1	Outside expertise needed for construction p hase only	Outside expertise needed for construction phase o	1
	or is external support needed?			3 5	Outside expertise needed for preparation ph ase i.e. feasibility studies	nly	
Total A	chieved Score			5	No outside expertise needed		83.5

**Project ID:** 02-09-01-06-01

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Proje	ect Purpose & Service Delivery Imp	rovement					
	Does the project fill a gap in a			2.5	Minor contribution		
1.1	wider system of service		10	7.5	Major contribution	Significant contribution	10
	delivery?			10	Significant contribution		
				0	No contribution.		
4.2	Whether the project will		40	2.5	Indirect contribution.	Major contribution to key	10
1.2	contribute to Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	development goal.	10
				10	Major contribution to key development goal.	_	
	Whathar the deference / delay			0	No consequences	Major immediate consequences	
4.0	Whether the deference/ delay of the project is going to affect		10	2.5	Minor consequences		10
1.3	citizens' health, safety,			7.5	Major future consequences		10
	property, prosperity etc.?			10	Major immediate consequences	_	
2. Publi	ic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
	p. ojecu			7.5	Greater than 20%		
	Is there support or opposition	15		0	Majority opposition		
	for the project from NGO's,			1	Minority opposition		
2.2	community groups,		5	5	Majority support	Majority support	5
	network, media or business organizations?			2.5	Minority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there support or opposition			0	Majority opposition		
2.3	from residents in the immediate		2.5	0.5	Minority opposition	Majaritusassassas	2.5
2.3	vicinity of the		2.5	2.5	Majority support	Majority support	2.5
	new facility?			1.5	Minority support		
3. Envir	onmental Impact						
	The impact of the proposed project on the quality of local			0	Negative effects on quality of the local enviro nment	Positive effects on the qua	
3.1	environment (e.g. Air quality,	10	10	5	Neutral	lity of the local environme	10
	Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local environment	nt	
4. Socio	-Economic Impact						
				0	No direct revenue	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		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			2.5	Little or no long term economic development benefits	Little or no long term	
4.2	creation, investment generation, increase in		7.5	5	Additional investment in the area and increased wealth for citizens	economic development benefits	2.5
	land/property prices, reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease	of Implementation						
5.1	Has land been acquired for the		10	10	Yes	Yes	10
	project (If required)?	30	10	0	No	163	10
5.2			5	5	Yes	Yes	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?			0	No		
	Will the project get approval			1	Difficult		
5.3	from higher levels of		5	2.5	Standard	Easy	5
	Government?			5	Easy		
	Ease of implementation of		5	1	Difficult	Easy	
5.4	project in respect of technical			3	Standard		5
	design?			5	Easy		
				0	Outside expertise needed for construction, O &M		
5.5	Is there a capable system in place to implement and		5	1	Outside expertise needed for construction ph ase only	Outside expertise needed for construction phase onl	1
	operate this project or is external support needed?			3	Outside expertise needed for preparation pha se i.e. feasibility studies		
				5	No outside expertise needed		
Total A	chieved Score						83.5

**Project ID:** 02-09-02-02-01

**Project Description:** Rehabilitation and improvement of sewerage system in Jhang city

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Projec	ct Purpose & Service D	elivery Impro	vement				
	Does the project			2.5	Minor contribution		
1.1	fill a gap in a wider		10	7.5	Major contribution	Significant contribution	10
1.1	system of service delivery?			10	Significant contribution	- Significant contribution	10
	Whether the			0	No contribution.		
	project will			2.5	Indirect contribution.	Major contribution to koy	
1.2	contribute to		10	7.5	Minor direct contribution	<ul><li>Major contribution to key</li><li>development goal.</li></ul>	10
	Sectoral Plan / City Master Plan?	30		10	Major contribution to key development goal.	– development goal.	
	Whether the		10	0	No consequences		
	deference/ delay			2.5	Minor consequences	Major immediate consequences	
	of the project is			7.5	Major future consequences		
1.3	going to affect citizens' health, safety, property, prosperity etc.?			10	Major immediate consequences		10
2. Public	Response						
	Donulation convod			1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
	by the project.	15		7.5	Greater than 20%		
	Is there support or	13		0	Majority opposition		
2.2	opposition for the		5	1	Minority opposition	Majority support	5
	project from			5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	NGO's, community groups, network, media, or business organizations?			2.5	Minority support		
	Is there support or			0	Majority opposition		
	opposition from			0.5	Minority opposition		
2.3	residents in the		2.5	2.5	Majority support	Majority support	2.5
2.3	immediate vicinity of the new facility?		2.3	1.5	Minority support	· Majority support	2.3
3. Enviro	onmental Impact						
	The impact of the proposed project			0	Negative effects on quality of the local en vironment		
	on the quality of			5	Neutral	1	
3.1	local environment (e.g., Air quality, Water pollution, Waste reduction, etc.	10	10	10	Positive effects on the quality of the local environment	Positive effects on the qualit y of the local environment	10
4. Socio-	-Economic Impact						
				0	No direct revenue		
4.1	Will the project bring in direct		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	No direct revenue	0
	revenue?			5	Revenue meets O&M costs	]	
		15		7.5	Revenue exceeds O&M costs	1	
	Are there indirect	15		0	Negative impact on the local economy		
4.2 ecor from	economic benefits from this project in		7.5	2.5	Little or no long-term economic development benefits	Additional investment in the area and increased wealth for citizens	5
	the long term, e.g., employment			5	Additional investment in the area and increased wealth for citizens		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	creation, investment generation, 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 o	f Implementation				T		1
	Has land been			10	Yes		
5.1	acquired for the project (If required)?		10	0	No	Yes	10
	Has funding been	30		5	Yes		
5.2	secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	0	No	Yes	5
	Will the project get			1	Difficult		
5.3	approval from		5	2.5	Standard	Easy	5
3.3	higher levels of Government?		, , , , , , , , , , , , , , , , , , ,	5	Easy	Lasy	
	Ease of			1	Difficult		
	implementation of			3	Standard		
5.4	project in respect of technical design?		5	5	Easy	standard	3

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

**Project ID:** 02-09-02-02

**Project Description:** Improvement of Sewerage System in Jhang City and Construction of Wastewater Treatment Plant (WWTP)

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Projec	t Purpose & Service D	elivery Impro	vement				
	Does the project			2.5	Minor contribution		
1.1	fill a gap in a wider		10	7.5	Major contribution	Significant contribution	10
212	system of service delivery?			10	Significant contribution		
	Whether the			0	No contribution.		
	project will			2.5	Indirect contribution.	Major contribution to key	
1.2	contribute to		10	7.5	Minor direct contribution	development goal.	10
	Sectoral Plan / City Master Plan?	30		10	Major contribution to key development goal.	development goal.	
	Whether the			0	No consequences		
	deference/ delay			2.5	Minor consequences		
	of the project is			7.5	Major future consequences	Major immediate	
1.3	going to affect citizens' health, safety, property, prosperity etc.?		10	10	Major immediate consequences	consequences	10
2. Public	Response						
	Population served			1	Less than 10%		
2.1	by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
		15		7.5	Greater than 20%		
	Is there support or	13		0	Majority opposition	_	
2.2	opposition for the		5	1	Minority opposition	Majority support	5
	project from			5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	NGO's, community groups, network, media, or business organizations?			2.5	Minority support		
	Is there support or			0	Majority opposition		
	opposition from			0.5	Minority opposition		
2.2	residents in the		2.5	2.5	Majority support	Majority support	2.5
2.3	immediate vicinity of the new facility?		2.3	1.5	Minority support	- Wajority Support	2.3
3. Enviro	onmental Impact						
	The impact of the proposed project		10	0	Negative effects on quality of the local environment	Positive effects on the qualit y of the local environment	
	on the quality of			5	Neutral		
3.1	local environment (e.g., Air quality, Water pollution, Waste reduction, etc.	10		10	Positive effects on the quality of the loc al environment		10
4. Socio	-Economic Impact						
41 50010				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		
		45		7.5	Revenue exceeds O&M costs		
	Are there indirect	15		0	Negative impact on the local economy		
4.2	economic benefits from this project in		7.5	2.5	Little or no long-term economic development benefits	Little or no long-term economic development benefits	2.5
	the long term, e.g., employment			5	Additional investment in the area and increased wealth for citizens		2.3

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	creation, investment generation, 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 o	of Implementation						
	Has land been			10	Yes		
5.1	acquired for the project (If required)?		10	0	No	Yes	10
	Has funding been	30		5	Yes		
5.2	secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	0	No	Yes	5
	Will the project get			1	Difficult		
5.3	approval from		5	2.5	Standard	– Easy	5
3.5	higher levels of Government?	-		5	Easy	,	
	Ease of			1	Difficult		
	implementation of			3	Standard	Easy	5
5.4	project in respect of technical design?		5	5	Easy		

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

**Project ID:** 02-09-04-01-01

**Project Description:** Improvement and Rehabilitation of Roads in MC Jhang (Asphalt)

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Projec	ct Purpose & Service D	elivery Impro	vement				
	Does the project		10	2.5	Minor contribution		
1.1	fill a gap in a wider			7.5	Major contribution	Significant contribution	10
1.1	system of service delivery?		10	10	Significant contribution	- Significant contribution	10
	Whether the			0	No contribution.		
	project will			2.5	Indirect contribution.	Major contribution to key	
1.2	contribute to	30	10	7.5	Minor direct contribution	development goal.	10
	Sectoral Plan / City Master Plan?			10	Major contribution to key development goal.	- development goal.	
	Whether the		10	0	No consequences		
	deference/ delay			2.5	Minor consequences		
	of the project is			7.5	Major future consequences	Major immediate	
1.3	going to affect citizens' health, safety, property, prosperity etc.?			10	Major immediate consequences	consequences	10
2. Public	Response						
	Donulation convod			1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
	by the project.	15		7.5	Greater than 20%		
	Is there support or			0	Majority opposition		
2.2	opposition for the		5	1	Minority opposition	Majority support	5
	project from			5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	NGO's, community groups, network, media, or business organizations?			2.5	Minority support		
	Is there support or			0	Majority opposition		
	opposition from			0.5	Minority opposition		
2.3	residents in the		2.5	2.5	Majority support	Majority support	2.5
2.3	immediate vicinity of the new facility?		2.3	1.5	Minority support	- Wajority Support	2.3
3. Enviro	onmental Impact						
	The impact of the proposed project		0	Negative effects on quality of the local en vironment			
	on the quality of		10	5	Neutral	Positive effects on the quality of the local environment	
3.1	local environment (e.g., Air quality, Water pollution, Waste reduction, etc.	10		10	Positive effects on the quality of the local environment		10
4. Socio	-Economic Impact						
				0	No direct revenue		
4.1	Will the project bring in direct		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	No direct revenue	0
	revenue?			5	Revenue meets O&M costs		
		45		7.5	Revenue exceeds O&M costs		
	Are there indirect	15		0	Negative impact on the local economy		
4.2	economic benefits from this project in		7.5	2.5	Little or no long-term economic development benefits	Significant competitive advantage to industry and	7.5
	the long term, e.g., employment			5	Additional investment in the area and increased wealth for citizens	boost to the local economy	

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	creation, investment						
	generation,			7.5			
	increase in				Significant competitive advantage to		
	land/property				industry and boost to the local economy		
	prices, reduction in						
	citizens'						
	expenditures, etc.?						
5. Ease of	f Implementation			1			1
	Has land been			10	Yes		
5.1	acquired for the		10			Yes	10
5.1	project (If		10	0		res	10
	required)?	-			No		
	Has funding been			5	Yes		
	secured/allocated			0			5
	within the Local						
	Government					Yes	
5.2	budget or whether		5				
	the external						
	sources of funding	20					
	have been	30					
	secured?				No		
	Will the project get			1	Difficult		
гэ	approval from		_	2.5	Standard	] 	_
5.3	higher levels of		5			– Easy	5
	Government?			5	Easy		
	Ease of			1	Difficult		
	implementation of			3	Standard	7	
5.4	project in respect		5			standard	3
	of technical			5	Easy	Standard	
	design?				,		

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

**Project ID:** 02-09-04-01-02

**Project Description:** Improvement and Rehabilitation of Roads in MC Jhang (Tuff Pavers)

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Projec	ct Purpose & Service D	elivery Impro	vement				
	Does the project		10	2.5	Minor contribution		
1.1	fill a gap in a wider			7.5	Major contribution	Significant contribution	10
1.1	system of service delivery?			10	Significant contribution	- Significant contribution	10
	Whether the			0	No contribution.		
	project will	30		2.5	Indirect contribution.	Major contribution to koy	
1.2	contribute to		10	7.5	Minor direct contribution	Major contribution to key development goal.	10
	Sectoral Plan / City Master Plan?		0	10	Major contribution to key development goal.	development goal.	
	Whether the		10	0	No consequences		
	deference/ delay			2.5	Minor consequences		
	of the project is			7.5	Major future consequences	Major immediate	
1.3	going to affect citizens' health, safety, property, prosperity etc.?			10	Major immediate consequences	consequences	10
2. Public	Response						
	Deputation convod			1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
	by the project.	15		7.5	Greater than 20%		
	Is there support or	15		0	Majority opposition		
2.2	opposition for the		5	1	Minority opposition	Majority support	5
	project from			5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	NGO's, community groups, network, media, or			2.5	Minority support		
	business organizations?			2.3	TVIIIOTILY Support		
	Is there support or			0	Majority opposition		
	opposition from			0.5	Minority opposition		
2.3	residents in the		2.5	2.5	Majority support	Majority support	2.5
2.3	immediate vicinity of the new facility?		2.3	1.5	Minority support	iviajority support	2.3
3. Enviro	onmental Impact		•	•			
	The impact of the proposed project		10	0	Negative effects on quality of the local environment		
	on the quality of			5	Neutral		
3.1	local environment (e.g., Air quality, Water pollution, Waste reduction,	10		10	Positive effects on the quality of the loc al environment	Positive effects on the quality of the local environment	10
	etc.						
4. Socio-	Economic Impact				L	T	
				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		
		15		7.5	Revenue exceeds O&M costs		
	Are there indirect	13		0	Negative impact on the local economy		
4.2	economic benefits from this project in		7.5	2.5	Little or no long-term economic development benefits	Significant competitive advantage to industry and boost to the local economy	7.5
	the long term, e.g., employment			5	Additional investment in the area and increased wealth for citizens		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	creation, investment						
	generation,				Significant competitive advantage to		
	increase in			7.5	industry and boost to the local		
	land/property			7.5	T		
	prices, reduction in				economy		
	citizens'						
	expenditures, etc.?						
5. Ease o	f Implementation						
	Has land been			10	Yes		
5.1	acquired for the		10			Yes	10
5.1	project (If		10	0		res	10
	required)?				No		
	Has funding been			5	Yes		
	secured/allocated						
	within the Local			0		Yes	
	Government						
5.2	budget or whether		5				5
	the external						
	sources of funding	30					
	have been	30					
	secured?				No		
	Will the project get			1	Difficult		
5.3	approval from		5	2.5	Standard	– Easy	5
3.3	higher levels of	_	)	F	Facu	Lasy	3
	Government?			5	Easy		
	Ease of			1	Difficult		
	implementation of			3	Standard		
5.4	project in respect		5			standard	3
	of technical			5	Easy		
	design?						

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

**Project ID:** 02-09-04-01-03

**Project Description:**Beautification of Chowks

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	NGO's, community groups,						
	network, media, or business organizations?			2.5	Minority support		
	Is there support or			0	Majority opposition		
	opposition from			0.5	Minority opposition		
2.3	residents in the		2.5	2.5	Majority support	Majority support	2.5
2.3	immediate vicinity of the new facility?		2.5	1.5	Minority support	- Majority support	2.3
3. Enviro	nmental Impact						
	The impact of the proposed project			0	Negative effects on quality of the lo cal environment		
	on the quality of			5	Neutral		
3.1	local environment (e.g., Air quality, Water pollution, Waste reduction, etc.	10	10	10	Positive effects on the quality of the local environment	Positive effects on the quality o f the local environment	10
4. Socio-	Economic Impact					,	
				0	No direct revenue		
4.1	Will the project bring in direct		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	No direct revenue	0
	revenue?			5	Revenue meets O&M costs		
		15		7.5	Revenue exceeds O&M costs		
4.2	Are there indirect economic benefits		7.5	0	Negative impact on the local economy	Additional investment in the area and increased wealth for	5
4.2	from this project in the long term, e.g.,		7.5	2.5	Little or no long-term economic development benefits	citizens	<b>5</b>

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	employment creation,			5	Additional investment in the area and increased wealth for citizens		
	investment generation, increase in land/property prices, reduction in citizens'			7.5	Significant competitive advantage to industry and boost to the local economy		
F Face of	expenditures, etc.?						
o. case c	Has land been			10	Yes		
5.1	acquired for the project (If required)?		10	0	No	Yes	10
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?	30	5	0	Yes	Yes	5
5.3	Will the project get approval from higher levels of		5	1 2.5 5	Difficult Standard Easy	- Standard	2.5
	Government?  Ease of		_	1	Difficult	_	_
5.4	implementation of project in respect		5	3 5	Standard Easy	Easy	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	of technical design?						
	Is there a capable system in place to			0	Outside expertise needed for construction, O&M		
5.5	implement and operate this		5	1	Outside expertise needed for constr	1	
	project or is external support			3	Outside expertise needed for prepar ation phase i.e., feasibility studies	onstruction phase only	
	needed?			5	No outside expertise needed		
Total Acl	hieved Score		_				81

**Project ID:** 02-09-04-01-04

**Project Description:** Rehabilitation of 5 Existing Green Belts

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Projec	t Purpose & Service Delivery Improvement	ent					
	December annices fill a generic a suiden			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Significant contribution	10
	system of service delivery:			10	Significant contribution		
,				0	No contribution.		
	Whather the project will contribute			2.5	Indirect contribution.	Major contribution to koy	
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	7.5	Minor direct contribution	Major contribution to key development goal.	10
	to sectoral rially city whater riall:	30		10	Major contribution to key development goal.	development goal.	
				0	No consequences		
	Whether the deference/ delay of the		10	2.5	Minor consequences	Major future consequences	
1.3	project is going to affect citizens'			7.5	Major future		7.5
1.5	health, safety, property, prosperity			7.5	consequences		7.5
	etc.?			10	Major immediate		
				10	consequences		
2. Public	Response				1		
				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	15		0	Majority opposition		
	project from NGO's, community		_	1	Minority opposition		_
2.2	groups,		5	5	Majority support	Majority support	5
	network, media, or business organizations?			2.5	Minority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there support or opposition from			0	Majority opposition		
2.3	residents in the immediate vicinity of		2.5	0.5	Minority opposition	Majority support	2.5
2.3	the		2.3	2.5	Majority support	iviajority support	2.5
	new facility?			1.5	Minority support		
3. Enviro	nmental Impact						
					Negative effects on qualit		
	The impact of the proposed project			0	y of the local environmen		
	The impact of the proposed project on the quality of local environment				t	Positive effects on the qua	
3.1	(e.g., Air quality, Water pollution,	10	10	5	Neutral	lity of the local environme	10
	Waste reduction, etc.				Positive effects on the qu	nt	
	waste reduction, etc.			10	ality of the local environ		
					ment		
4. Socio-	Economic Impact					,	
				0	No direct revenue		
					Direct revenue is not	No direct revenue	
				2.5	sufficient to meet O&M		
4.1	Will the project bring in direct		7.5		costs		0
	revenue?		7.5	5	Revenue meets O&M	ivo direct revenue	J
					costs		
				7.5	Revenue exceeds O&M		
		15		7.5	costs		
				0	Negative impact on the		
	Are there indirect economic benefits				local economy		
	from this project in the long term,				Little or no long-term	Little or no long-term	
4.2	e.g., employment creation,		7.5	2.5	economic development	economic development	2.5
	investment generation, increase in				benefits	benefits	
	land/property prices, reduction in			_	Additional investment in		
	citizens' expenditures, etc.?			5	the area and increased		
					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 o	of Implementation			•	,			
	Has land been acquired for the		10	10	Yes	V	10	
5.1	project (If required)?		10	0	No	Yes	10	
	Has funding been secured/allocated			5	Yes			
5.2	within the Local Government budget or whether the external sources of		5	0	N.	No	0	
	funding have been secured?			1	No Difficult			
5.3	Will the project get approval from		5	2.5	Standard	Difficult	1	
3.3	higher levels of Government?			5	Easy		-	
				1	Difficult	Difficult		
5.4	Ease of implementation of project in	30	5	3	Standard		1	
	respect of technical design?	30		5	Easy			
				0	Outside expertise needed for construction, O&M			
	Is there a capable system in place to		_	1	Outside expertise needed for construction phase o nly	Outside expertise needed		
5.5	implement and operate this project or is external support needed?		5	3	Outside expertise needed for preparation phase i.e. , feasibility studies	for construction phase only	1	
				5	No outside expertise nee ded			
<b>Total Ac</b>	hieved Score						68	

**Project ID:** 02-09-04-01-05

**Project Description:** Rehabilitation of 5 Existing Green Belts

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Projec	t Purpose & Service Delivery Improvement	ent					
	Does the project fill a gap in a wider			2.5	Minor contribution	Cignificant	
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.		
	Whether the project will contribute			2.5	Indirect contribution.	Major contribution to	
1.2	to Sectoral Plan / City Master Plan?		10	7.5	Minor direct contribution	key development goal.	10
	to sectoral rially ency master rialls	30		10	Major contribution to key	key development godi.	
				10	development goal.		
	Whether the deference/ delay of the		10	0	No consequences	Major future consequences	
	•			2.5	Minor consequences		
1.3	project is going to affect citizens' health, safety, property, prosperity			7.5	Major future consequences		7.5
	etc.?			10	Major immediate	Consequences	
	etc.:			10	consequences		
2. Public	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		
	project from NGO's, community	15		1	Minority opposition		
2.2			5	5	Majority support	Majority support	5
				2.5	Minority support		
2.3			2.5	0	Majority 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			0.5	Minority opposition		
	residents in the immediate vicinity of			2.5	Majority support		
	the new facility?			1.5	Minority support		
3. Enviro	nmental Impact						
	The impact of the proposed project			0	Negative effects on quality of the local environment	Positive effects on the	
3.1	on the quality of local environment (e.g., Air quality, Water pollution,	10	10	5	Neutral	quality of the local en	10
	Waste reduction, etc.			10	Positive effects on the quality of the local environment	vironment	
4. Socio-	Economic Impact						
				0	No direct revenue		
4.1	Will the project bring in direct		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	No direct revenue	0
	revenue?			5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
				0	Negative impact on the local economy		
	Are there indirect economic benefits from this project in the long term,	15		2.5	Little or no long-term economic development benefits	Little or no long-term	
4.2	e.g., employment creation, investment generation, increase in land/property prices, reduction in		7.5	5	Additional investment in the area and increased wealth for citizens	economic development benefits	2.5
	citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease o	f Implementation						
5.1	Has land been acquired for the	30	10	10	Yes	Yes	10
٥.1	project (If required)?	30	10	0	No	165	10

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Has funding been secured/allocated			5	Yes		
5.2	within the Local Government budget or whether the external sources of funding have been secured?		5	0	No	No	0
	Will the project get approval from			1	Difficult		
5.3	higher levels of Government?		5	2.5	Standard	Difficult	1
	Thigher levels of dovernment:			5	Easy		
	Ease of implementation of project in			1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Difficult	1
	respect of technical design:			5	Easy		
				0	Outside expertise needed for c onstruction, O&M		
	Is there a capable system in place to		F	1	Outside expertise needed for c onstruction phase only	Outside expertise nee	4
5.5	implement and operate this project or is external support needed?	5		3	Outside expertise needed for p reparation phase i.e., feasibilit y studies	ded for construction p hase only	1
				5	No outside expertise needed		
Total Acl	nieved Score						68

**Project ID:** 02-09-04-03-01

**Project Description:** Provision and installation of Street Lights in Jhang City

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Projec	ct Purpose & Service Delivery Impro	vement	•				
	Does the project fill a gap in a			2.5	Minor contribution		
1.1	wider system of service		10	7.5	Major contribution	Significant contribution	10
	delivery?			10	Significant contribution		
				0	No contribution.		
	Whether the project will			2.5	Indirect contribution.	Major contribution to key	
1.2	contribute to Sectoral Plan / City		10	7.5	Minor direct contribution	<ul><li>Major contribution to key</li><li>development goal.</li></ul>	10
	Master Plan?	30		10	Major contribution to key development goal.	development godi.	
	244 1 1 1 5 / 1 1			0	No consequences		
	Whether the deference/ delay			2.5	Minor consequences	Nais a impressible to	
1.3	of the project is going to affect citizens' health, safety, property,		10	7.5	Major future consequences	Major immediate     consequences	10
	prosperity etc.?			10	Major immediate		
	prosperity etc.:			10	consequences		
2. Public	Response						
	Population served by the			1	Less than 10%		
2.1	project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
	project.			7.5	Greater than 20%		
	Is there support or opposition			0	Majority opposition		
	for the	15		1	Minority opposition		
2.2	project from NGO's, community		5	5	Majority support	Majority support	5
2.2	groups, network, media, or business organizations?		3	2.5	Minority support	— wajority support	

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there support or opposition			0	Majority opposition		
	from			0.5	Minority opposition		
2.3	residents in the immediate		2.5	2.5	Majority support	Majority support	2.5
	vicinity of the			1.5	Minority support	]	
	new facility?			1.5	Willionty Support		
3. Enviro	nmental Impact			1			
	The impact of the proposed project on the quality of local			0	Negative effects on quality of the local environment	Positive effects on the qua	
3.1	environment (e.g., Air quality,	10	10	5	Neutral	lity of the local environme	10
	Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local environment	nt	
4. Socio-	Economic Impact						
				0	No direct revenue		
	MCII the mariest bains in disest			2.5	Direct revenue is not	]	
4.1	Will the project bring in direct revenue?		7.5	2.5	sufficient to meet O&M costs	No direct revenue	0
	revenuer			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	15		2.5	Little or no long-term economic development benefits	Additional investment in	
4.2	long term, e.g., employment creation, investment generation, increase in land/property prices, reduction		7.5	5	Additional investment in the area and increased wealth for citizens	the area and increased wealth for citizens	5
	in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease o	f Implementation			1			
5.1		30	10	10	Yes	Yes	10

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Has land been acquired for the project (If required)?			0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	0	Yes	Yes	5
5.3	Will the project get approval from higher levels of Government?		5	1 2.5 5	Difficult Standard Easy	Easy	5
5.4	Ease of implementation of project in respect of technical design?		5	1 3 5	Difficult Standard Easy	Standard	3
				0	Outside expertise needed for construction, O&M		
5.5	Is there a capable system in place to implement and operate		5	1	Outside expertise needed for construction phase only	Outside expertise needed for construction phase onl	1
5.5	this project or is external support needed?		3	3	Outside expertise needed for preparation phase i.e., feasibil ity studies	· ·	1
Total Ac	hieved Score			5	No outside expertise needed		84

**Project Screening and Phasing:** 

**Project ID:** 02-09-05-01-01

**Project Description:** Rehabilitation of Dhaji Park for Female in Jhang City

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Projec	t Purpose & Service Delivery Improveme	nt					
	Dear the president fill a gamin a widow			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Significant contribution	10
	system of service delivery:			10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute to			2.5	Indirect contribution.	Major contribution to key	
1.2	Sectoral Plan / City Master Plan?		10	7.5	Minor direct contribution	development goal.	10
	Sectoral Flam, City Master Flam:	30		10	Major contribution to	development goal.	
					key development goal.		
				0	No consequences		
	Whether the deference/ delay of the		10	2.5	Minor consequences	Major immediate consequences	
1.3	project is going to affect citizens'			7.5	Major future		10
1.0	health, safety, property, prosperity			7.5	consequences		
	etc.?			10	Major immediate		
				10	consequences		
2. Public	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	15		0	Majority opposition		
	project from NGO's, community	13		1	Minority opposition		
2.2	groups,		5	5	Majority support	Majority support	5
	network, media, or business organizations?			2.5	Minority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there support or opposition from			0	Majority opposition		
2.3	residents in the immediate vicinity of		2.5	0.5	Minority opposition	Majority support	2.5
2.3	the		2.5	2.5	Majority support		2.5
	new facility?			1.5	Minority support		
3. Enviro	nmental Impact						
	The impact of the proposed project on			0	Negative effects on quali ty of the local environme nt		
3.1	the quality of local environment (e.g.,	10	10	5	Neutral	Positive effects on the qualit	10
	Air quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local environment	y of the local environment	
4. Socio-	Economic Impact				mene		
			7.5	0	No direct revenue	- No direct revenue	
	Will the project bring in direct			2.5	Direct revenue is not sufficient to meet O&M costs		
4.1	revenue?			5	Revenue meets O&M costs		0
		15		7.5	Revenue exceeds O&M costs		
	Are there indirect economic benefits	13		0	Negative impact on the local economy		
4.2	from this project in the long term, e.g., employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?		7.5	2.5	Little or no long-term economic development benefits	Additional investment in the area and increased wealth	5
				5	Additional investment in the area and increased wealth for citizens	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 o	of Implementation				,		
	Has land been acquired for the project		10	10	Yes	V	40
5.1	(If required)?		10	0	No	Yes	10
	Has funding been secured/allocated			5	Yes		
5.2	within the Local Government budget or whether the external sources of		5	0		Yes	5
	funding have been secured?			1	No Difficult		
5.3	Will the project get approval from		5	2.5	Standard	Standard	2.5
5.5	higher levels of Government?			5	Easy		2.5
				1	Difficult		
5.4	Ease of implementation of project in	20	5	3	Standard	Standard	3
	respect of technical design?	30		5	Easy		
				0	Outside expertise neede d for construction, O&M		
	Is there a capable system in place to		_	1	Outside expertise neede d for construction phase only	Outside expertise needed fo	_
5.5	implement and operate this project or is external support needed?		5	3	Outside expertise neede d for preparation phase i. e., feasibility studies	e r construction phase only	1
				5	No outside expertise nee ded		
<b>Total Ac</b>	hieved Score						81.5

**Project ID:** 02-09-05-01-02

**Project Description:** Rehabilitation of Ganda Toya

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
1. Projec	ct Purpose & Service Delivery Improve	ment						
	Describe avaiont fill a gamin a			2.5	Minor contribution			
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Minor contribution	2.5	
	wider system of service delivery:			10	Significant contribution			
1				0	No contribution.			
	Whather the project will centribute			2.5	Indirect contribution.			
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	7.5	Minor direct contribution	Indirect contribution.	2.5	
İ	to sectoral main, city iviaster main:	30		10	Major contribution to key			
				10	development goal.			
	Whather the deference / delay of		10	0	No consequences			
	Whether the deference/ delay of			2.5	Minor consequences	Minor consequences		
1.3	the project is going to affect citizens' health, safety, property,			7.5	Major future consequences		2.5	
	prosperity etc.?			10	Major immediate			
	prosperity etc.:			10	consequences			
2. Public	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			0	Majority opposition			
	the	15		1	Minority opposition			
2.2	project from NGO's, community		5	5	Majority support	Majority support	5	
2.2	groups, network, media, or business organizations?			2.5	Minority support		5	

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there support or opposition from			0	Majority opposition		
2.3	residents in the immediate vicinity		2.5	0.5	Minority opposition	Majority support	2.5
2.5	of the		2.5	2.5	Majority support	Majority support	2.5
	new facility?			1.5	Minority support		
3. Enviro	nmental Impact						
	The impact of the proposed project			0	Negative effects on quality of		
	The impact of the proposed project on the quality of local environment			U	the local environment	Positive effects on the qua	
3.1	(e.g., Air quality, Water pollution,	10	10	5	Neutral	lity of the local environme	10
	Waste reduction, etc.			10	Positive effects on the quality	nt	
	waste reduction, etc.			10	of the local environment		
4. Socio-	Economic Impact						
				0	No direct revenue		
	Will the project bring in direct		7.5	2.5	Direct revenue is not		
4.1	Will the project bring in direct revenue?			2.5	sufficient to meet O&M costs	No direct revenue	0
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
				0	Negative impact on the local		
				U	economy		
	Are there indirect economic	15			Little or no long-term		
	benefits from this project in the	13		2.5	economic development		
	long term, e.g., employment				benefits	Additional investment in	
4.2	creation, investment generation,		7.5		Additional investment in the	the area and increased	5
	increase in land/property prices,			5	area and increased wealth for	wealth for citizens	
	reduction in citizens' expenditures,				citizens		
	etc.?				Significant competitive		
				7.5	advantage to industry and		
					boost to the local economy		
5. Ease o	f Implementation			1	T		
5.1	Has land been acquired for the	30	10	10	Yes	Yes	10
J.±	project (If required)?		10	0	No		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Has funding been			5	Yes		
5.2	secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	0	No	Yes	5
	Will the grainet get an averal from			1	Difficult		
5.3	Will the project get approval from higher levels of Government?		5	2.5	Standard	Standard	2.5
	nigher levels of Government?			5	Easy		
	Face of implementation of project			1	Difficult		3
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Standard	
	in respect of technical design:			5	Easy		
				0	Outside expertise needed for construction, O&M		
	Is there a capable system in place to implement and operate this		F	1	Outside expertise needed for construction phase only	Outside expertise needed	4
5.5	project or is external support needed?		5	3	Outside expertise needed for preparation phase i.e., feasibil ity studies	for construction phase only	1
				5	No outside expertise needed		
Total Ac	hieved Score						59

**Project ID:** 02-09-05-04-01

**Project Description:** Improvement and Rehabilitation of Bus Stand

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Projec	t Purpose & Service Delivery Improvement						
	Door the project fill a continue widow			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Significant contribution	10
	system of service delivery:			10	Significant contribution		
				0	No contribution.		
	M/b athor the project will contribute to			2.5	Indirect contribution.		
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	7.5	Minor direct contribution	No contribution.	0
	Sectoral Flatty City Waster Flatt:	30		10	Major contribution to key		
				10	development goal.		
			10	0	No consequences		
	Whether the deference/ delay of the			2.5	Minor consequences		
1.3	project is going to affect citizens' health,			7.5	Major future consequences	Minor consequences	2.5
	safety, property, prosperity etc.?			10	Major immediate		
				10	consequences		
2. Public	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	15		0	Majority opposition		
2.2	project from NGO's, community groups, network, media, or business	15	_	1	Minority opposition	Majority support	_
2.2			5	5	Majority support	Majority support	5
	organizations?			2.5	Minority support		
2.3			2.5	0	Majority 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			0.5	Minority opposition		
	residents in the immediate vicinity of			2.5	Majority support		
	the new facility?			1.5	Minority support		
3. Enviro	nmental Impact						
	The impact of the proposed project on			0	Negative effects on quality o f the local environment	Positive effects on the qu	
3.1	the quality of local environment (e.g., Air quality, Water pollution, Waste	10	10	5	Neutral	ality of the local environ	10
	reduction, etc.			10	Positive effects on the qualit y of the local environment	ment	
4. Socio-	Economic Impact						
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Revenue meets O&M costs	5
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
				0	Negative impact on the local economy	Additional investment in	
	Are there indirect economic benefits from this project in the long term, e.g.,	15		2.5	Little or no long-term economic development benefits		
4.2	employment creation, investment generation, increase in land/property prices, reduction in citizens'		7.5	5	Additional investment in the area and increased wealth for citizens	the area and increased wealth for citizens	5
	expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease o	f Implementation						
5.1		30	10	10	Yes	Yes	10

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Has land been acquired for the project (If required)?			0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	0	Yes	No	0
				1	Difficult		
5.3	Will the project get approval from higher levels of Government?		5	2.5	Standard	Difficult	1
	nigher levels of Government?			5	Easy		
	Ease of implementation of project in			1	Difficult		
5.4	respect of technical design?		5	3	Standard	Standard	3
	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 needed	
5.5	implement and operate this project or is		5		Outside expertise needed fo	for construction, O&M	0
	external support needed?			3	r preparation phase i.e., feas		
					ibility studies		
				5	No outside expertise needed		
Fotal Ac	hieved Score						61.5

**Project ID:** 02-09-05-06-01

**Project Description:** Rehabilitation of slaughterhouse

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Projec	t Purpose & Service Delivery Improvement						
	Desemble reveiled fill a result of wilder			2.5	Minor contribution	Cignificant	
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Significant contribution	10
	system of service delivery:			10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute to			2.5	Indirect contribution.	Major contribution to	
1.2	Sectoral Plan / City Master Plan?		10	7.5	Minor direct contribution	key development goal.	10
	Sectoral Flair / City Waster Flair:	30		10	Major contribution to key	Major immediate consequences	
				10	development goal.		
			10	0	No consequences		
	Whether the deference/ delay of the			2.5	Minor consequences		
1.3	project is going to affect citizens' health,			7.5	Major future consequences		10
	safety, property, prosperity etc.?			10	Major immediate		
				10	consequences		
2. Public	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	15		0	Majority opposition		
2.2	project from NGO's, community groups, network, media, or business	15	_	1	Minority opposition	Majority support	-
2.2			5	5	Majority support	Majority support	5
	organizations?			2.5	Minority support		
2.3			2.5	0	Majority 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			0.5	Minority opposition		
	residents in the immediate vicinity of			2.5	Majority support		
	the new facility?			1.5	Minority support		
3. Enviro	onmental Impact						
	The impact of the proposed project on			0	Negative effects on quality of the local environment	Positive effects on the	
3.1	the quality of local environment (e.g.,	10	10	5	Neutral	quality of the local en	10
	Air quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local environment	vironment	
4. Socio-	Economic Impact						
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Revenue meets O&M	5
				5	Revenue meets O&M costs	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.,	15		2.5	Little or no long-term economic development benefits	Additional investment	
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	in the area and increased wealth for citizens	5
	expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease o	of Implementation						
5.1	Has land been acquired for the project	30	10	10	Yes	Vos	10
5.1	(If required)?	30	10	0	No	Yes	10

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Has funding been secured/allocated			5	Yes		
5.2	within the Local Government budget or whether the external sources of funding have been secured?		5	0	No	Yes	5
	Will the president and approved from			1	Difficult		
5.3	Will the project get approval from higher levels of Government?		5	2.5	Standard	Difficult	1
	fligher levels of dovernment:			5	Easy		
	Face of implementation of project in			1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Easy	5
	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 phase only	Outside expertise nee	4
5.5	implement and operate this project or is external support needed?		5	3	Outside expertise needed for preparation phase i.e., feasibi lity studies	ded for construction p hase only	1
				5	No outside expertise needed		
Total Ac	hieved Score				·		87

**Project ID:** 02-09-06-01-01

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Proje	ect Purpose & Service Delivery Improvement						
	Describe preject fill a gent 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.		
	Whather the project will contribute to			2.5	Indirect contribution.	Major contribution to	
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	<ul><li>Major contribution to</li><li>key development goal.</li></ul>	10
	Sectoral Plan / City Master Plans	30		10	Major contribution to key	key development goal.	
				0	development goal.		
	Whether the deference/ delay of the			0	No consequences		
1.3	project is going to affect citizens' health,		10	2.5	Minor consequences	— Minor consequences	2.5
	safety, property, prosperity etc.?			7.5	Major future consequences		
2. D h. !!	- D			10	Major immediate consequences		
Z. Publi	ic Response			1	Less than 10%		
2.1	Population served by the project.		7 5	1 5	Between 10% to 20%	Less than 10%	1
2.1	Population served by the project.		7.5	7.5		Less than 10%	1
					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
	network, media or business organizations?			5	Majority support		
				2.5	Minority support		
	Is there support or opposition from			0	Majority opposition		
2.3	residents in the immediate vicinity of the		2.5	0.5	Minority opposition	Majority support	2.5
	new facility?			2.5	Majority support		

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

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

**Project ID:** 02-09-01-01-01

**Project Description :** Solarization of Tube wells and Water Supply System

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Project	Purpose & Service Delivery Improvement						
	Describe preject fill a continuouiden			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Significant contribution	10
	system of service delivery:			10	Significant contribution		
				0	No contribution.		
	NA/b oth out has president will contain the			2.5	Indirect contribution.	Majar santribution to	
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	7.5	Minor direct contribution	<ul> <li>Major contribution to</li> <li>key development goal.</li> </ul>	10
	Sectoral Fidit / City Master Fidit:	30		10	Major contribution to key development goal.	- key development goal.	
				0	No consequences		
	Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.?		10	2.5	Minor consequences	- Major future	
1.3				7.5	Major future consequences		7.5
				10	Major immediate consequences	consequences	
2. Public	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	NA - i - with a second out	_
2.2	network, media or business		5	5	Majority support	Majority support	5
	organizations?			2.5	Minority support		
2.2	Is there support or opposition from	sition from	2.5	0	Majority opposition	NA signifus assessment	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 qualit y of the local environment	nment	
4. Socio-E	conomic Impact						
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Revenue exceeds O&M costs	7.5
	will the project bring in unect revenue:		7.5	5	Revenue meets O&M costs		7.5
				7.5	Revenue exceeds O&M costs		
		15		0	Negative impact on the local economy	Additional investment in	
	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'		7.5	5	Additional investment in the area and increased wealth for citizens	the area and increased wealth for citizens	5
	expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease of	Implementation						
5.1	Has land been acquired for the project	30	10	10	Yes	Yes	10
3.1	(If required)?	30	10	0	No	163	10

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Has funding been secured/allocated			5	Yes		
5.2	within the Local Government budget or whether the external sources of funding have been secured?		5	0	No	Yes	5
	ANGULA CONTRACTOR			1	Difficult		
5.3	Will the project get approval from		5	2.5	Standard	Standard	2.5
	higher levels of Government?			5	Easy		
	Face of implementation of project in			1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Standard	3
	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	ieved Score						86.5

**Project ID:** 02-09-01-04-03

**Project Description :**Provision of Mobile Ultra Filtration Plants (02) for Disaster Management

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
1. Proje	ect Purpose & Service Delivery Improvem	ent						
	December and set fill a new in a window			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:	30		10	Major contribution to key development goal.	- development goal.		
	Whether the deference/ delay of the			0	No consequences			
4.2	project is going to affect citizens'		10	2.5	Minor consequences		2.5	
1.3	health, safety, property, prosperity		10	7.5	Major future consequences	Minor consequences	2.5	
	etc.?			10	Major immediate consequences			
2. Publi	ic Response							
				1	Less than 10%			
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1	
				7.5	Greater than 20%			
	Is there support or opposition for the			0	Majority opposition			
	project from NGO's, community	15		1	Minority opposition			
2.2		13	5	5	Majority support	Majority support	5	
	network, media or business organizations?			2.5	Minority support			
2.3	Is there support or opposition from		2.5	0	Majority opposition	Majority support	2.5	
2.5	residents in the immediate vicinity of		2.5	0.5	Minority opposition	iviajority support	2.3	

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	the			2.5	Majority support		
1	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 e nvironment	Desiring offers and the smaller	
3.1	the quality of local environment (e.g.	10	10	5	Neutral	Positive effects on the quality of the local environment	10
ı	Air quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the loca I environment	of the local environment	
4. Socio	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		
1				7.5	Revenue exceeds O&M costs		
		45		0	Negative impact on the local economy		
ı	Are there indirect economic benefits from this project in the long term, e.g.	15		2.5	Little or no long term economic development benefits	Significant competitive	
4.2	employment creation, investment generation, increase in land/property		7.5	5	Additional investment in the area and increased wealth for citizens	advantage to industry and boost to the local economy	7.5
	prices, reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease	of Implementation						
5.1	Has land been acquired for the project		10	10	Yes	Yes	10
J.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 funding have been secured?	30	5	0	No	Yes	5
5.3	randing have been secured:		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			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	Easy	5			
	respect of technical designs			5	Easy	,				
			0	0	Outside expertise needed for constructio					
				0	n, O&M					
	Is there a capable system in place to			1	Outside expertise needed for constructio	Outside expertise needed for				
5.5	5.5. I implement and operate this project or 1									
	is external support needed?			3	Outside expertise needed for preparatio	construction phase only				
				J	n phase i.e. feasibility studies					
				5	No outside expertise needed					
Total A	chieved Score		•				79.5			

**Project ID:** 02-09-02-02-03

**Project Description :** SCADA system for disposal stations

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
1. Proje	ect Purpose & Service Delivery Improvem	ent						
	December and established in a social and			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 Flam, City Master Flam:	30		10	Major contribution to key development goal.	development godi.		
	Whether the deference/ delay of the			0	No consequences			
1.2	project is going to affect citizens'		10	2.5	Minor consequences	NA: nav as nasas vanas	2.5	
1.3	health, safety, property, prosperity		10	7.5	Major future consequences	Minor 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			
	project from NGO's, community	15		1	Minority opposition			
2.2	9   7		5	5	Majority support	Majority support	5	
	network, media or business organizations?			2.5	Minority support			
2.3	Is there support or opposition from		osition from	2.5	0	Majority opposition	Majority support	2.5
2.5	residents in the immediate vicinity of		2.5	0.5	Minority opposition	iviajority support	2.5	

the new facility?  3. Environmental Impact  The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.  4. Socio-Economic Impact  Will the project bring in direct revenue?  4.1 Will the project bring in direct revenue?  10 10 2.5 Neutral Positive effects on quality of the local environment  10 Positive effects on the quality of the local environment of lenvironment  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 environment environment environment environment environment  10 Positive effects on the quality of the local environment environm	Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
3. Environmental Impact  The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.  4. Socio-Economic Impact  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. Neutral  10		the			2.5	Majority support		
The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.  10 10 5 Neutral positive effects on the quality of the local environment of the local envir		new facility?			1.5	Minority support		
10   10   10   10   10   10   10   10	3. Envir	ronmental Impact						•
Air quality, Water pollution, Waste reduction, etc.  4. Socio-Economic Impact  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  10					0	1 -	Desiring offers and the smaller	
4.1 Will the project bring in direct revenue?  A.2 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. Ease of Implementation  5. Lase of Implementation  5. Lase of Implementation  5. Lase of Implementation  6. Socio-Economic Impact  7.5	3.1		10	10	5	Neutral	· · ·	10
4.1 Will the project bring in direct revenue?  7.5 Direct revenue is not sufficient to meet O&M costs  7.5 Revenue meets O&M costs  7.5 Revenue exceeds O&M costs  7.5 Additional investment in the area and increased wealth for citizens  7.5 Significant competitive advantage to industry and boost to the local economy  7.5 Significant competitive advantage to industry and boost to the local economy  7.5 Lase of Implementation  7.5 Has land been acquired for the project (If required)?  7.6 No  7.7 Significant competitive advantage to industry and boost to the local economy  7.5 Ves  7.6 No  7.7 Significant competitive advantage to industry and boost to the local economy  7.5 Ves  7.5 Ves  7.5 Ves  7.5 Ves  7.5 No  7.5 No  7.5 No  7.5 Ves  7.5 Ves  7.5 Ves  7.5 No  7.5 No  7.5 Ves  7.5 Ves  7.5 Ves  7.5 No  7.5 No  7.5 Ves  7.5 Ves  7.5 No  7.5 No  7.5 No  7.5 Ves  7.5 No				10	• • •	of the local environment		
4.1 Will the project bring in direct revenue?  7.5 Direct revenue is not sufficient to meet O&M costs  7.5 Revenue meets O&M costs  7.5 Revenue meets O&M costs  7.5 Revenue exceeds O&M costs  7.5 Little or no long term economic development benefits  8.5 Little or no long term economic development benefits  8.6 Little or no long term economic development benefits  9. Additional investment in the area and increased wealth for citizens  9. Significant competitive advantage to industry and boost to the local economy  9. Ease of Implementation  9. Lattle or no long term economic development benefits  9. Significant competitive advantage to industry and boost to the local economy  9. Ease of Implementation  9. Lattle or no long term economic development benefits  10 No  10 Yes  10 No  10	4. Socio	o-Economic Impact						•
4.1 Will the project bring in direct revenue?  7.5   2.5   0&M costs   Revenue exceeds 0&M costs    8.6   Revenue exceeds 0&M costs    7.5   Revenue exceeds 0&M costs    8.6   Revenue exceeds 0&M costs    9.7   Revenue exceeds 0&M costs    15   Using 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   Significant competitive advantage to industry and boost to the local economy    7.5   Significant competitive advantage to industry and boost to the local economy    7.5   Significant competitive advantage to industry and boost to the local economy    7.5   Significant competitive advantage to industry and boost to the local economy    8. Ease of Implementation    10   Yes   Yes    10   No    10   No    10   Yes    10   No    10   No    10   Yes    10   No    10   Yes    10   No    10   Yes    10   No    10   No    10   Yes    10   Yes    10   No    10   Yes    10   No    10   Yes    10   No    10   Yes    10   Yes    10   Yes    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, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?  5 Revenue exceeds O&M costs  0 Negative impact on the local economy Little or no long term economic development benefits  5 Additional investment in the area and increased wealth for citizens  7.5 Significant competitive advantage to industry and boost to the local economy  5. Ease of Implementation  5.1 Has land been acquired for the project (If required)?  Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?  10 Yes  10 Yes  10 Yes  10 Yes  5 Yes  10 Yes  10 No  10 No  10 Yes  5 Yes	4.1			7.5	2.5		Revenue exceeds O&M costs	7.5
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  5.1 Has land been acquired for the project (If required)?  Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?  Are there indirect economic benefits  7.5 Little or no long term economic development benefits  7.5 Additional investment in the area and increased wealth for citizens  5. Significant competitive advantage to industry and boost to the local economy  7.5 Significant competitive advantage to industry and boost to the local economy  7.5 No  10 Yes  Yes  10  No		revenue?			5	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.?  5					7.5	Revenue exceeds O&M costs		
from this project in the long term, e.g. employment 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 Government budget or whether the external sources of funding have been secured?  10 Significant competitive advantage to industry and boost to the local economy  7.5 Ves  10 Yes  10 Yes  10 Yes  10 No			45		0	Negative impact on the local economy		
4.2 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 Government budget or whether the external sources of funding have been secured?  4.2 generation, increase in land/property increased wealth for citizens  5 Significant competitive advantage to industry and boost to the local economy  7.5 No  10 Yes  10 No  Yes  5 No		from this project in the long term, e.g.	15		2.5	•	Significant competitive	
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 Government budget or whether the external sources of funding have been secured?  5.2 Significant competitive advantage to industry and boost to the local economy  10 Yes  10 No  10 Yes  5 Yes  7.5 Ves  10  No	4.2	generation, increase in land/property		7.5	5		advantage to industry and	7.5
Solution   10   10   10   10   10   10   10   1		•			7.5	,		
S.1   (If required)?   10   0   No   Yes   10	5. Ease	of Implementation						
(If required)?  Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?  O No  Yes  The secured of the secure of the secur	5 1	Has land been acquired for the project		10	10	Yes	Voc	10
5.2 within the Local Government budget or whether the external sources of funding have been secured?  5.0 No  Yes  The state of the sta	3.1	(If required)?		10	0	No	163	10
or whether the external sources of funding have been secured?  5 0 No		-			5	Yes		
	5.2	or whether the external sources of	30	5	0	No	Yes	5
5   1   Ditticult   Facy   5	5.3	Tananig have been secured:		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			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	Easy	5			
	respect of technical designs			5	Easy	,				
			0	0	Outside expertise needed for constructio					
				0	n, O&M					
	Is there a capable system in place to			1	Outside expertise needed for constructio	Outside expertise needed for				
5.5	5.5. I implement and operate this project or 1									
	is external support needed?			3	Outside expertise needed for preparatio	construction phase only				
				J	n phase i.e. feasibility studies					
				5	No outside expertise needed					
Total A	chieved Score		•				79.5			

**Project ID:** 02-09-04-01-06

**Project Description :** Rehabilitation of Roads(Tuff Paver) in MC Jhang.

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Proje	ect Purpose & Service Delivery Improvem	ent					
	Describe annicat fill a gent 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
	Sectoral Flamy City Waster Flam:	30		10	Major contribution to key development goal.	development godi.	
	Whether the deference/ delay of the			0	No consequences		
4.2	project is going to affect citizens'		10	2.5	Minor consequences	Minor consequences	2.5
1.3	health, safety, property, prosperity		10	7.5	Major future 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		
	project from NGO's, community	15		1	Minority opposition		
2.2	groups,	13	5	5	Majority support	Majority support	5
	network, media or business organizations?			2.5	Minority support		
2.3	Is there support or opposition from		2.5	0	Majority opposition	Majority support	2.5
2.3	residents in the immediate vicinity of		2.5	0.5	Minority opposition	Majority support	2.5

the new facility?  3. Environmental Impact  The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.  4. Socio-Economic Impact  Will the project bring in direct revenue?  4.1  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  Bas land been acquired for the project function glarm score of funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured?  10  10  10  10  10  10  10  10  10  1	Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
3. Environmental Impact  The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.  4. Socio-Economic Impact  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. Neutral  10		the			2.5	Majority support		
The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.  10 10 5 Neutral positive effects on the quality of the local environment of the local envir		new facility?			1.5	Minority support		
10   10   10   10   10   10   10   10	3. Envir	ronmental Impact						•
Air quality, Water pollution, Waste reduction, etc.  4. Socio-Economic Impact  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  10					0	1 -	Desiring offers and the smaller	
4.1 Will the project bring in direct revenue?  A.2 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. Ease of Implementation  5. Lase of Implementation  5. Lase of Implementation  5. Lase of Implementation  6. Socio-Economic Impact  7.5	3.1		10	10	5	Neutral	· · ·	10
4.1 Will the project bring in direct revenue?  7.5 Direct revenue is not sufficient to meet O&M costs  7.5 Revenue meets O&M costs  7.5 Revenue exceeds O&M costs  7.5 Additional investment in the area and increased wealth for citizens  7.5 Significant competitive advantage to industry and boost to the local economy  7.5 Significant competitive advantage to industry and boost to the local economy  7.5 Lase of Implementation  7.5 Has land been acquired for the project (If required)?  7.6 No  7.7 Significant competitive advantage to industry and boost to the local economy  7.5 Ves  7.6 No  7.7 Significant competitive advantage to industry and boost to the local economy  7.5 Ves  7.5 Ves  7.5 Ves  7.5 Ves  7.5 No  7.5 No  7.5 No  7.5 Ves  7.5 Ves  7.5 Ves  7.5 No  7.5 No  7.5 Ves  7.5 Ves  7.5 Ves  7.5 No  7.5 No  7.5 Ves  7.5 Ves  7.5 No  7.5 No  7.5 No  7.5 Ves  7.5 No				10	• • •	of the local environment		
4.1 Will the project bring in direct revenue?  7.5 Direct revenue is not sufficient to meet O&M costs  7.5 Revenue meets O&M costs  7.5 Revenue meets O&M costs  7.5 Revenue exceeds O&M costs  7.5 Little or no long term economic development benefits  8.5 Little or no long term economic development benefits  8.6 Little or no long term economic development benefits  9. Additional investment in the area and increased wealth for citizens  9. Significant competitive advantage to industry and boost to the local economy  9. Ease of Implementation  9. Lattle or no long term economic development benefits  9. Significant competitive advantage to industry and boost to the local economy  9. Ease of Implementation  9. Lattle or no long term economic development benefits  10 No  10 Yes  10 No  10 Yes  10 No  10	4. Socio	o-Economic Impact						•
4.1 Will the project bring in direct revenue?  7.5   2.5   0&M costs   Revenue exceeds 0&M costs    8.6   Revenue exceeds 0&M costs    7.5   Revenue exceeds 0&M costs    8.6   Revenue exceeds 0&M costs    9.7   Revenue exceeds 0&M costs    15   Using 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   Significant competitive advantage to industry and boost to the local economy    7.5   Significant competitive advantage to industry and boost to the local economy    7.5   Significant competitive advantage to industry and boost to the local economy    7.5   Significant competitive advantage to industry and boost to the local economy    8. Ease of Implementation    10   Yes   Yes    10   No    10   No    10   Yes    10   No    10   No    10   Yes    10   No    10   Yes    10   No    10   Yes    10   No    10   No    10   Yes    10   Yes    10   No    10   Yes    10   No    10   Yes    10   No    10   Yes    10   Yes    10   Yes    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, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?  5 Revenue exceeds O&M costs  0 Negative impact on the local economy Little or no long term economic development benefits  5 Additional investment in the area and increased wealth for citizens  7.5 Significant competitive advantage to industry and boost to the local economy  5. Ease of Implementation  5.1 Has land been acquired for the project (If required)?  Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?  10 Yes  10 Yes  10 Yes  10 Yes  5 Yes  10 Yes  10 No  10 No  10 Yes  5 Yes	4.1			7.5	2.5		Revenue exceeds O&M costs	7.5
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  5.1 Has land been acquired for the project (If required)?  Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?  Are there indirect economic benefits  7.5 Little or no long term economic development benefits  7.5 Additional investment in the area and increased wealth for citizens  5. Significant competitive advantage to industry and boost to the local economy  7.5 Significant competitive advantage to industry and boost to the local economy  7.5 No  10 Yes  Yes  10  No		revenue?			5	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.?  5					7.5	Revenue exceeds O&M costs		
from this project in the long term, e.g. employment 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 Government budget or whether the external sources of funding have been secured?  10 Significant competitive advantage to industry and boost to the local economy  7.5 Ves  10 Yes  10 Yes  10 Yes  10 No			45		0	Negative impact on the local economy		
4.2 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 Government budget or whether the external sources of funding have been secured?  4.2 generation, increase in land/property increased wealth for citizens  5 Significant competitive advantage to industry and boost to the local economy  7.5 No  10 Yes  10 No  Yes  5 No  No		from this project in the long term, e.g.	15		2.5	•	Significant competitive	
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 Government budget or whether the external sources of funding have been secured?  5.2 Significant competitive advantage to industry and boost to the local economy  10 Yes  10 No  10 Yes  5 Yes  7.5 Ves  10  No	4.2	generation, increase in land/property		7.5	5		advantage to industry and	7.5
Solution   10   10   10   10   10   10   10   1		•			7.5	,		
S.1   (If required)?   10   0   No   Yes   10	5. Ease	of Implementation						
(If required)?  Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?  O No  Yes  The secured of the secure of the secur	5 1	Has land been acquired for the project		10	10	Yes	Voc	10
5.2 within the Local Government budget or whether the external sources of funding have been secured?  5.0 No  Yes  The state of the sta	3.1	(If required)?		10	0	No	163	10
or whether the external sources of funding have been secured?  5 0 No		1			5	Yes		
	5.2	or whether the external sources of	30	5	0	No	Yes	5
5   1   Ditticult   Facy   5	5.3	Tananig have been secured:		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			2.5	Standard						
	higher levels of Government?			5	Easy						
				1	Difficult						
5.4 Ease of implementation of project in respect of technical design?  5 Standard  Easy											
	respect of technical designs			5	Easy						
				0	Outside expertise needed for constructio						
				0	n, O&M						
	Is there a capable system in place to			1	Outside expertise needed for constructio	Outside expertise needed for					
1 5 5 1 implement and operate this project or 1 5 1 1 10 phase only											
	is external support needed?			3	Outside expertise needed for preparatio	construction phase only					
				J	n phase i.e. feasibility studies						
				5	No outside expertise needed						
Total A	chieved Score		•				79.5				

**Project ID:** 02-09-04-01-07

**Project Description :** Improvement & Rehabilitation of 07 Nos. Chowks in MC Jhang

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Proje	ect Purpose & Service Delivery Improvem	ent					
	December and set fill a new in a suiden			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.		
	Whather the project will contribute to			2.5	Indirect contribution.	Major contribution to key	
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	Major contribution to key development goal.	10
	Sectoral Flair, City Master Flair:	30		10	Major contribution to key development goal.	- development goal.	
	Whether the deference/ delay of the			0	No consequences		
1.2	project is going to affect citizens'		10	2.5	Minor consequences	, Aire	2.5
1.3	health, safety, property, prosperity			7.5	Major future consequences	- Minor 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		
	project from NGO's, community	15		1	Minority opposition		
2.2	groups,	13	5	5	Majority support	Majority support	5
	network, media or business organizations?			2.5	Minority support		
2.3	Is there support or opposition from	_	2.5	0	Majority opposition	Majority support	2.5
2.5	residents in the immediate vicinity of		2.5	0.5	Minority opposition	Majority support	2.5

Air quality, Water pollution, Waste reduction, etc.  4. Socio-Economic Impact  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.?  Associo-Economic Impact  7.5  O No direct revenue  2.5  Direct revenue is not sufficient to meet O&M costs  7.5  Revenue exceeds O&M costs  Negative impact on the local economy  Little or no long term economic development benefits  5 Additional investment in the area and increased wealth for citizens  7.5  Additional investment in the area and increased wealth for citizens  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 Government budget or whether the external sources of  5 O  O  No  Yes  Yes  10  Yes  Yes	Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
3.1 The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.  4. Socio-Economic Impact  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. Lase of implementation  The impact of the proposed project on the quality of the local environment of the quality of the local environment o		the			2.5	Majority support		
The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.  4. Socio-Economic Impact  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, increase in land/property prices, reduction in citizens' expenditures, etc.?  5. Lase of Implementation  5. Neutral  10 Positive effects on the quality of the local environment  10 No direct revenue  2.5 Direct revenue is not sufficient to meet O&M costs  5 Revenue meets O&M costs  7.5 Revenue exceeds O&M costs  15 O Negative impact on the local economy  2.5 Little or no long term economic development benefits increased wealth for citizens  5. Lase of Implementation  5. Lase of Implementation  5. Lase of Implementation  5. Lase of Implementation  6 Negative effects on quality of the local environment  7.5 Direct revenue  2.5 Direct revenue is not sufficient to meet O&M costs  6 Negative impact on the local economy  2.5 Little or no long term economic development benefits increased wealth for citizens  6 Additional investment in the area and increased wealth for citizens  7.5 Significant competitive advantage to industry and boost to the local economy  5 Lease of Implementation  5.1 Has land been acquired for the project (If required)?  10 Yes  10 No  10 Yes  11 Yes  12 Yes  12 Yes  13 Yes		new facility?			1.5	Minority support		
1	3. Envii	ronmental Impact						•
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. Lass funding been secured/allocated within the Local Government budget or whether the external sources of the local economy of the local economy lenvironment of the local economy lenvironment of the local environment of the local environmen					0	1 -	Desiring offers and the small trans	
A. 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, 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)?  4. Socio-Economic Impact   0 No direct revenue  0. No Meastive impact on the local economy  1. Little or no long term economic development benefits  1. Additional investment in the area and increased wealth for citizens  1. Significant competitive advantage to industry and boost to the local economy  1. The provided in the local economy  1. The provided in the project of the project (If required)?  1. The provided in the local economy  1. The provided in the project of the project (If required)?  1. The provided in the project of the project	3.1	, ,	10	10	5	Neutral		10
4.1 Will the project bring in direct revenue?  7.5 Direct revenue is not sufficient to meet O&M costs  7.6 Revenue meets O&M costs  7.7 Revenue exceeds O&M costs  7.8 Revenue exceeds O&M costs  7.9 Revenue exceeds O&M costs  7.9 Revenue exceeds O&M costs  7.0 Negative impact on the local economy  2.1 Little or no long term economic development benefits  8. Significant competitive advantage to industry and boost to the local economy  8. Ease of Implementation  7. Significant competitive advantage to industry and boost to the local economy  8. Ease of Implementation  7. Significant competitive advantage to industry and boost to the local economy  9. Ease of Implementation  10 Yes  10 No  10 Yes  11 Yes  12. Significant competitive advantage to industry and boost to the local economy  12. Significant competitive advantage to industry and boost to the local economy  13. Has land been acquired for the project (If required)?  14. Has funding been secured/allocated within the Local Government budget or whether the external sources of					10	• • •	or the local environment	
4.1 Will the project bring in direct revenue?  7.5   2.5   Direct revenue is not sufficient to meet O&M costs    8.6   Revenue exceeds O&M costs    7.6   2.5   Revenue exceeds O&M costs    8.7   Revenue exceeds O&M costs    7.8   Revenue exceeds O&M costs    7.9   Revenue exceeds O&M costs    8.8   Revenue exceeds O&M costs    7.9   Revenue exceeds O&M costs    8.9   Revenue exceeds O&M costs    9.0   Negative impact on the local economy    1.1   Little or no long term economic development benefits    1.1   Little or no long term economic development benefits    1.2   Additional investment in the area and increased wealth for citizens    1.5   Additional investment in the area and increased wealth for citizens    2.5   Significant competitive advantage to industry and boost to the local economy    7.5   Significant competitive advantage to industry and boost to the local economy    8.   Ease of Implementation    1.0   Yes    1.0   No    1.0   Yes    1.0	4. Socio	D-Economic Impact						•
4.1 Will the project bring in direct revenue?  7.5   2.5   0&M costs   Revenue exceeds 0&M costs    5   Revenue meets 0&M costs    7.5   2.5   0&M costs    8   Revenue exceeds 0&M costs    7.5   Revenue exceeds 0&M costs    9   Revenue exceeds 0&M costs    8   Revenue exceeds 0&M costs    7.5   Revenue exceeds 0&M costs    9   Revenue e					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.?  15  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 Government budget or whether the external sources of  5  Revenue exceeds O&M costs  0  Negative impact on the local economy  Little or no long term economic development benefits  Significant competitive advantage to industry and boost to the local economy  5  Significant competitive advantage to industry and boost to the local economy  5  Negative impact on the local economy  5  Significant competitive advantage to industry and boost to the local economy  5  Negative impact on the local economy  5  Additional investment in the area and increased wealth for citizens  10  Negative impact on the local economy  5  Negative impact on the local economy  5  Significant competitive advantage to industry and boost to the local economy  7  No No  Yes  10  No  Yes  11  Yes	4.1			7.5	2.5		Revenue exceeds O&M costs	7.5
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.?  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 Government budget or whether the external sources of  10 Negative impact on the local economy  2.5 Little or no long term economic development benefits  5 Additional investment in the area and increased wealth for citizens  5 Significant competitive advantage to industry and boost to the local economy  7 Yes  10 Negative impact on the local economy  5 Significant competitive advantage to industry and boost to the local economy  7 Yes  10 No  Yes  11 Yes  12 Yes  12 Yes		revenue?			5	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.?  5					7.5	Revenue exceeds O&M costs		
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  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 Government budget or whether the external sources of  7.5  Little or no long term economic development benefits  Significant competitive advantage to industry and boost to the local economy  7 by Significant competitive advantage to industry and boost to the local economy  8 capenditures, etc.?  10  10  10  10  10  10  10  10  10  1			45		0	Negative impact on the local economy		
4.2 employment 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 Government budget or whether the external sources of  5 Additional investment in the area and increased wealth for citizens  5 Significant competitive advantage to industry and boost to the local economy  7 Yes  9 Yes  10 10 Yes  9 Yes  11 Yes  12 Yes		from this project in the long term, e.g.	15		2.5	•	Significant competitive	
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 Government budget or whether the external sources of  5.2 Within the Local Government budget or whether the external sources of	4.2	generation, increase in land/property		7.5	5		,	7.5
5.1 Has land been acquired for the project (If required)?  Has funding been secured/allocated within the Local Government budget or whether the external sources of  10 Yes 0 No 10 Yes 10 Yes 10 Yes 10 Yes		•			7.5	,		
5.1 (If required)?  Has funding been secured/allocated within the Local Government budget or whether the external sources of  10 0 No  7es  1 yes  Yes  Yes	5. Ease	of Implementation						
(If required)?  Has funding been secured/allocated within the Local Government budget or whether the external sources of  O No  5 Yes  Yes	<u> </u>	Has land been acquired for the project		10	10	Yes	Vos	10
5.2 within the Local Government budget or whether the external sources of 5 0	3.1	(If required)?		10	0	No	162	10
or whether the external sources of 0					5	Yes		
I I I I I I I I I I I I I I I I I I I	5.2		30	5	0	No	Yes	5
	5.2	randing have been secured:	-	5	1		Fasy	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved 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 Standard  Easy											
	respect of technical designs			5	Easy						
				0	Outside expertise needed for constructio						
				0	n, O&M						
	Is there a capable system in place to			1	Outside expertise needed for constructio	Outside expertise needed for					
1 5 5 1 implement and operate this project or 1 5 1 1 10 phase only											
	is external support needed?			3	Outside expertise needed for preparatio	construction phase only					
				J	n phase i.e. feasibility studies						
				5	No outside expertise needed						
Total A	chieved Score		•				79.5				

**Project ID:** 02-09-04-01-08

Project Description:

Rehabilitation, Improvement and Beautification of Walls (Package-2) in MC Jhang

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score		
1. Proje	ect Purpose & Service Delivery Improvem	ent					•		
	December annicest fill a gene in a suiden			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:	30		10	Major contribution to key development goal.	development goal.			
	Whether the deference/ delay of the			0	No consequences				
4.2	project is going to affect citizens'			10	2.5	Minor consequences	Minor consequences	2.5	
1.3	health, safety, property, prosperity		10	7.5	Major future consequences	Minor 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				
	project from NGO's, community	15		1	Minority opposition				
2.2	groups,	13	5	5	Majority support	Majority support	5		
	network, media or business organizations?			2.5	Minority support				
2.3	Is there support or opposition from				2.5	0	Majority opposition	Majority support	2.5
2.5	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		
1	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 e nvironment	Desiring offers and the smaller	
3.1	the quality of local environment (e.g.	10	10	5	Neutral	Positive effects on the quality of the local environment	10
ı	Air quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the loca I environment	of the local environment	
4. Socio	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		
1				7.5	Revenue exceeds O&M costs		
		45		0	Negative impact on the local economy		
ı	Are there indirect economic benefits from this project in the long term, e.g.	15		2.5	Little or no long term economic development benefits	Significant competitive	
4.2	employment creation, investment generation, increase in land/property		7.5	5	Additional investment in the area and increased wealth for citizens	advantage to industry and boost to the local economy	7.5
	prices, reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease	of Implementation						
5.1	Has land been acquired for the project		10	10	Yes	Yes	10
J.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 funding have been secured?	30	5	0	No	Yes	5
5.3	randing have been secured:		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			2.5	Standard						
	higher levels of Government?			5	Easy						
				1	Difficult						
5.4 Ease of implementation of project in respect of technical design?  5 Standard  Easy											
	respect of technical designs			5	Easy						
				0	Outside expertise needed for constructio						
				0	n, O&M						
	Is there a capable system in place to			1	Outside expertise needed for constructio	Outside expertise needed for					
1 5 5 1 implement and operate this project or 1 5 1 1 10 phase only											
	is external support needed?			3	Outside expertise needed for preparatio	construction phase only					
				J	n phase i.e. feasibility studies						
				5	No outside expertise needed						
Total A	chieved Score		•				79.5				

**Project ID:** 

02-09-04-01-09

**Project Description:** 

Fixing Roads and Street Signs in Jhang City

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Proje	ect Purpose & Service Delivery Improvem	ent					·
	December and set fill a manife a social and			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	<ul> <li>Major contribution to key</li> <li>development goal.</li> </ul>	10
	Sectoral Flam, City Master Flam:	30		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	NA: nov concession	2.5
1.3	health, safety, property, prosperity		10	7.5	Major future consequences	Minor consequences	2.5
	etc.?			10	Major immediate consequences		
2. Publi	ic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				7.5	Greater than 20%		
	Is there support or opposition for the	15		0	Majority opposition		
	project from NGO's, community			1	Minority opposition		
2.2	groups,		5	5	Majority support	Majority support	5
	network, media or business organizations?			2.5	Minority support		
2.3	Is there support or opposition from	/5	25	0	Majority opposition	Majority support	2.5
2.3	residents in the immediate vicinity of		0.5	Minority opposition	Majority support	2.5	

the new facility?  3. Environmental Impact  The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.  4. Socio-Economic Impact  Will the project bring in direct revenue?  4.1  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  Bas land been acquired for the project function glarm score of funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured/3 llocated within the Local Government budget or funding have been secured?  10  10  10  10  10  10  10  10  10  1	Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
3. Environmental Impact  The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.  4. Socio-Economic Impact  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. Neutral  10		the			2.5	Majority support		
The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.  10 10 5 Neutral positive effects on the quality of the local environment of the local envir		new facility?			1.5	Minority support		
10   10   10   10   10   10   10   10	3. Envir	ronmental Impact						•
Air quality, Water pollution, Waste reduction, etc.  4. Socio-Economic Impact  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  10					0	1 -	Desiring offers and the smaller	
4.1 Will the project bring in direct revenue?  A.2 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. Ease of Implementation  5. Lase of Implementation  5. Lase of Implementation  5. Lase of Implementation  6. Socio-Economic Impact  7.5	3.1		10	10	5	Neutral	· · ·	10
4.1 Will the project bring in direct revenue?  7.5 Direct revenue is not sufficient to meet O&M costs  7.5 Revenue meets O&M costs  7.5 Revenue exceeds O&M costs  7.5 Additional investment in the area and increased wealth for citizens  7.5 Significant competitive advantage to industry and boost to the local economy  7.5 Significant competitive advantage to industry and boost to the local economy  7.5 Lase of Implementation  7.5 Has land been acquired for the project (If required)?  7.6 No  7.7 Significant competitive advantage to industry and boost to the local economy  7.5 Ves  7.6 No  7.7 Significant competitive advantage to industry and boost to the local economy  7.5 Ves  7.5 Ves  7.5 Ves  7.5 Ves  7.5 No  7.5 No  7.5 No  7.5 Ves  7.5 Ves  7.5 Ves  7.5 No  7.5 No  7.5 Ves  7.5 Ves  7.5 Ves  7.5 No  7.5 No  7.5 Ves  7.5 Ves  7.5 No  7.5 No  7.5 No  7.5 Ves  7.5 No				10	• • •	of the local environment		
4.1 Will the project bring in direct revenue?  7.5 Direct revenue is not sufficient to meet O&M costs  7.5 Revenue meets O&M costs  7.5 Revenue meets O&M costs  7.5 Revenue exceeds O&M costs  7.5 Little or no long term economic development benefits  8.5 Little or no long term economic development benefits  8.6 Little or no long term economic development benefits  9. Additional investment in the area and increased wealth for citizens  9. Significant competitive advantage to industry and boost to the local economy  9. Ease of Implementation  9. Lattle or no long term economic development benefits  9. Significant competitive advantage to industry and boost to the local economy  9. Ease of Implementation  9. Lattle or no long term economic development benefits  10 No  10 Yes  10 No  10 Yes  10 No  10	4. Socio	o-Economic Impact						•
4.1 Will the project bring in direct revenue?  7.5   2.5   0&M costs   Revenue exceeds 0&M costs    8.6   Revenue exceeds 0&M costs    7.5   Revenue exceeds 0&M costs    8.6   Revenue exceeds 0&M costs    9.7   Revenue exceeds 0&M costs    15   Using 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   Significant competitive advantage to industry and boost to the local economy    7.5   Significant competitive advantage to industry and boost to the local economy    7.5   Significant competitive advantage to industry and boost to the local economy    7.5   Significant competitive advantage to industry and boost to the local economy    8. Ease of Implementation    10   Yes   Yes    10   No    10   No    10   Yes    10   No    10   No    10   Yes    10   No    10   Yes    10   No    10   Yes    10   No    10   No    10   Yes    10   Yes    10   No    10   Yes    10   No    10   Yes    10   No    10   Yes    10   Yes    10   Yes    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, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?  5 Revenue exceeds O&M costs  0 Negative impact on the local economy Little or no long term economic development benefits  5 Additional investment in the area and increased wealth for citizens  7.5 Significant competitive advantage to industry and boost to the local economy  5. Ease of Implementation  5.1 Has land been acquired for the project (If required)?  Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?  10 Yes  10 Yes  10 Yes  10 Yes  5 Yes  10 Yes  10 No  10 No  10 Yes  5 Yes	4.1			7.5	2.5		Revenue exceeds O&M costs	7.5
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  5.1 Has land been acquired for the project (If required)?  Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?  Are there indirect economic benefits  7.5 Little or no long term economic development benefits  7.5 Additional investment in the area and increased wealth for citizens  5. Significant competitive advantage to industry and boost to the local economy  7.5 Significant competitive advantage to industry and boost to the local economy  7.5 No  10 Yes  Yes  10  No		revenue?			5	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.?  5					7.5	Revenue exceeds O&M costs		
from this project in the long term, e.g. employment 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 Government budget or whether the external sources of funding have been secured?  10 Significant competitive advantage to industry and boost to the local economy  7.5 Ves  10 Yes  10 Yes  10 Yes  10 No			45		0	Negative impact on the local economy		
4.2 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 Government budget or whether the external sources of funding have been secured?  4.2 generation, increase in land/property increased wealth for citizens  5 Significant competitive advantage to industry and boost to the local economy  7.5 No  10 Yes  10 No  Yes  5 No  No		from this project in the long term, e.g.	15		2.5	•	Significant competitive	
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 Government budget or whether the external sources of funding have been secured?  5.2 Significant competitive advantage to industry and boost to the local economy  10 Yes  10 No  10 Yes  5 Yes  7.5 Ves  10  No	4.2	generation, increase in land/property		7.5	5		advantage to industry and	7.5
Solution   10   10   10   10   10   10   10   1		•			7.5	,		
S.1   (If required)?   10   0   No   Yes   10	5. Ease	of Implementation						
(If required)?  Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?  O No  Yes  The secured of the secure of the secur	5 1	Has land been acquired for the project		10	10	Yes	Voc	10
5.2 within the Local Government budget or whether the external sources of funding have been secured?  5.0 No  Yes  The state of the sta	3.1	(If required)?		10	0	No	163	10
or whether the external sources of funding have been secured?  5 0 No		1			5	Yes		
	5.2	or whether the external sources of	30	5	0	No	Yes	5
5   1   Ditticult   Facy   5	5.3	Tananig have been secured:		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			2.5	Standard						
	higher levels of Government?			5	Easy						
				1	Difficult						
5.4 Ease of implementation of project in respect of technical design?  5 Standard  Easy											
	respect of technical designs			5	Easy						
				0	Outside expertise needed for constructio						
				0	n, O&M						
	Is there a capable system in place to			1	Outside expertise needed for constructio	Outside expertise needed for					
1 5 5 1 implement and operate this project or 1 5 1 1 10 phase only											
	is external support needed?			3	Outside expertise needed for preparatio	construction phase only					
				J	n phase i.e. feasibility studies						
				5	No outside expertise needed						
Total A	chieved Score		•				79.5				

**Project ID:** 

02-09-04-01-10

**Project Description:** 

Rehabilitation of 5 Nos Green Belts in Jhang city

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score			
1. Proje	ect Purpose & Service Delivery Improvem	ent								
	Describe annicat fill a gan 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			
	Sectoral Plan / City Master Plan?	ai Pidii / City Waster Pidii!	ctoral Plan / City Master Plan?		10	Major contribution to key development goal.	development goal.			
	Whether the deference/ delay of the			0	No consequences	Minor consequences				
1.3	project is going to affect citizens'		10	2.5	Minor consequences		2.5			
1.3	health, safety, property, prosperity			7.5	Major future consequences					
	etc.?			10	Major immediate consequences					
2. Publi	ic Response									
				1	Less than 10%					
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1			
				7.5	Greater than 20%					
	Is there support or opposition for the			0	Majority opposition					
	project from NGO's, community	15		1	Minority opposition					
2.2	groups,		5	5	Majority support	Majority support	5			
	network, media or business organizations?						2.5	Minority support		
2.3			2.5	0	Majority 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			0.5	Minority opposition		
	residents in the immediate vicinity of			2.5	Majority support		
	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 e nvironment	Desitive offerte on the guality	
3.1	the quality of local environment (e.g. Air quality, Water pollution, Waste	10	10	5	Neutral	Positive effects on the quality of the local environment	10
	reduction, etc.			10	Positive effects on the quality of the loca I environment	of the local environment	
4. Socio	o-Economic Impact						•
				0	No direct revenue		
4.1	4.1 Will the project bring in direct revenue?		7.5	2.5 Direct revenue is not sufficient to meet O&M costs	Revenue exceeds O&M costs	7.5	
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
	Are there indirect economic benefits	15		0	Negative impact on the local economy		
	from this project in the long term, e.g.			2.5	Little or no long term economic development benefits	Significant competitive	
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 advantage to industry and boost to the local economy	advantage to industry and boost to the local economy	7.5
	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
J.1	(If required)?		10	0	No	103	10
	Has funding been secured/allocated	30		5	Yes		
5.2	within the Local Government budget or whether the external sources of		5	0		Yes	5
	funding have been secured?				No		

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

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

# 1.4. Other Environment Related Legislations:

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

Sr. #	Act	Description		Applicability	to sub-project
			The sec	ctor wise screeni	ng of MCs subprojects as per
			Punia	ıb Environment r	protection review of IEE/EIA
			•	·	
				guiations 2000 a	re given below in Table.
			Schedule	Sector	Clause
			Schedule I	Stormwater Drainage	F. Water management, dams, irrigation and flood protection 1. Small Dams and
					reservoirs  2. Irrigation and drainage projects
				Water supply	G. Water Supply and Treatment
					Water supply schemes and treatment plants with total cost less than Rs. 50 million
				Parks	I. Urban development and tourism
					5. Urban development projects
				Waste	H. Waste disposal Non-hazardous scrap yard / warehouse
			Schedule II	Water supply, Sewerage	F. Water supply, Sewerage System and treatment
				System and treatment	Water supply schemes and treatment plants

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

Sr. #	Act	Description	Applicability to sub-project
			Clause p water supply schemes /water purifications     plants costing upto Rs. 20,000/-
4.	Notification No. SOG/ EPD/5-86/2019 delegation of powers to Deputy Commissioner	According to this notification the powers of environmental approval are delegated to deputy commissioner for specific types of projects	Under PCP clause g is applicable Bus and Wagon stands od category C with area upto 8 kanal.
3.	Pakistan Penal Code, 1860	The Code deals with the offences where public or private property or human lives are affected due to intentional or accidental misconduct of an individual or organization.  The Code also addresses control of noise, noxious emissions and disposal of effluents.	The provisions of the Penal Code, 1860 are applicable to the project in terms of penalties for effecting human lives and public property. It also addresses the control of noise, air emissions and effluent disposal.
4.	Motor Vehicle Rules, 1969	It defines powers and responsibilities of Motor Vehicle Examiners (MVEs). The establishment of MVE inspection system is one of the regulatory measures that can be taken to tackle the ambient air quality problems associated with the vehicular emissions during operation phase.	This act is applicable to the gaseous emission that will be released from the vehicles in operation phase at machinery used during construction phase of this subproject.
5.	The Land Acquisition Act, 1894	The Land Acquisition Act, 1894, is a "law for the acquisition of land needed for public purposes and for	This act will not be triggered as no land acquisition is required.

Sr. #	Act	Description	Applicability to sub-project
		companies and for determining the amount of compensation to be paid on account of such acquisition".	
6.	The Punjab Land Acquisition Rules, 1983,	It describes the land acquisition procedure for public purposes or for a company.	This act will be triggered as wherever land to be acquired for subproject. Such as in Swerage project, Construction of Wastewater treatment plants, installation of new tube wells etc.
7.	Pakistan Antiquities Act 1975 and Punjab Antiquities Amendment Act 2012	The Punjab Antiquities Amendment Act, 2012 is adopted from the Pakistan Antiquities Act of 1975 with a few minor changes. The Antiquities Act, 1975 (amended in 1990) states the following:  • "Ancient" is any object that is at least 75 years old;  • All accidental discoveries of artifacts must be reported to the Federal Department of Archaeology;  • The Government is the owner of all buried antiquities discovered on any site, whether protected or otherwise;  • All new construction within a distance of 200 feet from protected antiquities is forbidden;	The law will be applicable to the project due to its provision that if any accidental archaeological discoveries may occur during the excavation works for the construction of sub-projects.

Sr. #	Act	Description	Applicability to sub-project
8.	Punjab Restriction of Employment of Children	<ul> <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 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> <li>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</li> </ul>	The relevance of this act to the project will be to prohibit child employment for construction related activities of the
8.		extend to six months, but which shall not be less than seven days, and a mandatory fine between 10,000 and 50,000 rupees.	proposed sub- project and it will be applicable throughout the construction activities related to subprojects.
9.	The Punjab Occupational Safety and Health Act, 2019	The Punjab Occupational Safety and Health Act, 2019 (IV of 2019) An Act to provide for occupational safety and health at workplace. It is necessary to make and consolidate the law for the occupational safety and health of the persons at workplace and to protect them against risks arising out of	The 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.

Sr. #	Act	Description	Applicability to sub-project
		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.	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 responsibilities related to HWM, and strengthen the management of hazardous & other wastes.	Policy measures shall be applicable whereas there is any risk of usage or generation of hazardous waste.
11	Protection Against  Harassment of Women at  the Workplace  (Amended) Act, 2014	In this act major and minor penalties are mentioned.	This act is applicable for all the employees of MCs,  LG&CDD and women labor (if involved for infrastructure  development activities)
12	Punjab Labor Policy, 2018	Punjab Labor Policy, 2018 presents a policy document which directly addresses the child labor, bonded labor, gender discrimination, gender mainstreaming, labor protection, out of school children and lack of health	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
		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 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	
	Duniah Local	Committee:	
13	Punjab Local Government Act, 2019	Part I	All the related clauses of this Act shall be applicable for
15		(g) Solid waste collection and disposal;	MCs.
		(h) Sewerage collection and disposal including water	
		management and treatment;	
		(i) Building control and land use;	

Sr. #	Act	Description	Applicability to sub-project
		(j) Births, deaths, marriages and divorce 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;	
		(q) Abstraction of water for industrial and commercial	
		purposes;	
		(r) Emergency planning and relief;	
		(s) Support to provincial agencies in prevention of crime	
		and maintenance of public order; and	
		(t) Regulatory enforcement in the functions assigned	
		under Part 1 and 2 of this Schedule;	
		Part 2	
		(u) Establishment and management of pre-schools;	
		(v) Libraries;	
		(w) Drinking water supply;	
		(x) Public convenances;	
		(z) Children's services;	
		(aa) Community safety;	

Sr. #	Act	Description	Applicability to sub-project
		(bb) Arts and recreation;	
		(cc) Public fairs and ceremonies;	
		(dd) Sports;	
		(ee) Environmental health, awareness and services;	
		(ff) Parks and landscape development;	
		(gg) Slaughtering of animals;	
		(hh) Street lights; and	
		(ii) Sign boards and street advertisements.	
		Guidelines for preparation and Review of Environmental	
		Reports were issued by Pak EPA in 1997 under Pakistan	
	Guidelines for	Environment Protection Act, 1997 and are adopted by	
	Preparation and Review	Punjab Environment protection Agency after 18 <sup>th</sup>	These guidelines shall be applicable during preparation
14	of Environment Reports,	Amendment. These guidelines describe the steps in IEE	and review of IEEs/EIAs of new infrastructure
	1997	Preparation, format of IEE Reports, assessing impacts,	development projects.
		mitigation and impact management, reporting, reviewing	
		and decision making, monitoring and auditing and project	
		management.	
	Guidelines for Public	These guidelines address possible approaches to public	Public consultation and citizens engagement is mandatory
15	Consultation,1997	consultation and techniques for designing an effective	at projects planning and design phase and these
		program of consultation that reaches all major	guidelines shall be applicable for public consultation.

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

Sr. #	Act	Description	Applicability to sub-project
		related to canal navigation. It briefly addresses issues	
		relating to environmental pollution.	
		Section 70(5) of the CDA clearly states that no one is	
		allowed to "corrupt or foul the water of any canal so as to	
		render it less fit for the purposes for which it is ordinarily	
		used."	
		In addition, Section 73 of the CDA gives power to arrest	
		without warrant or to be taken before the magistrate a	
		person who has willfully damaged or obstructed the canal	
		or "rendered it less useful."	
		The Act requires the protection of wildlife species	This act shall be applicable in case any harm to wildlife is
	Punjab Wildlife	declared as endangered/threatened and rare. It gives	assessed at the stage of early screening or if there is any
18	Protection, Conservation	protection to these species by declaring their natural	potential risk identified to the wildlife during or after
10	and Management Act,	living environment as protected and reserved, which	execution of the subprojects/projects related to
	1974	includes areas such as national parks, wildlife sanctuaries,	infrastructure development and municipal service
		and game reserves.	delivery.
	Guidelines and Checklists	Punjab EPA has also designed the following	Checklists for IEE and EIA shall be applicable to all the new
19	adopted by GOP after	Guidelines/Checklists for IEE/EIA Projects:	infrastructure development projects.
19	18th Amendment	Check List for IEE (updated September 2020)	Following Guidelines shall be applicable for MC's
	18th Amenament	Check List for EIA (updated September 2020)	municipal service delivery projects:

Sr. #	Act	Description	Applicability to sub-project
		After 18 <sup>th</sup> Amendment, Punjab EPA has adopted the	✓ Urban Roads
		following sectoral Guidelines that were prepared by	✓ Water Supply
		other provinces and were earlier adopted by Pak EPA:	✓ Sanitation Schemes
		✓ Poultry Farms	✓ Major Sewerage Schemes
		✓ Urban Roads	
		✓ Rural Schools	
		✓ Housing Schemes	
		✓ Petrol & CNG	
		✓ Forest Road	
		✓ Forest Harvesting	
		✓ Water Supply	
		✓ Tourist Facilities	
		✓ Sanitation Schemes	
		✓ Major Chemicals and Manufacturing Plants	
		✓ Flour Mills	
		✓ Carpet Manufacturing	
		✓ Housing Estates and New Town Development	
		✓ Industrial Estate	
		✓ Major Roads	
		✓ Major Sewerage Schemes	
		✓ Stone Crushers	

Sr. #	Act	Description	Applicability to sub-project
		✓ 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 Management								
	Solid Waste	Collection Equipment, Collection Bins	Negligible environmental impacts	E3	\$3	Applicability of PMDFC EHS SOPs for SWM  Machinery/Equipment				
		Sludge ponds	May have some negative but localized environmental and social impacts	E2	S2	ESMP				
1.		Community septic tanks	May have some negative but localized environmental and social impacts	E2	S2	ESMP				
		Vacuum Trucks, Vacuum Handcarts and others	Negligible environmental impacts	E3	S3	NA				
		Construction of Waste Water Treatment Plants	May have significant environmental impacts	E1	S2/S1	IEE/EIA as per nature of impacts and Schedule I and II of PEPA Review of IEE/EIA Regulations 2022.				

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

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
						and categorization given in Schedule I and II
						of PEPA Review of IEE/EIA Regulations 2000
4.			Connectivity		l	
	Rehabilitation a		May have some negative but localized environmental and social impacts	E2	S2S	ESMP
	Pedestrian walk	ways, Bicycle paths	May have negligible environmental impacts	E2	S2	ESMP
	Streets and secu	urity lights, and road signs	May have negligible environmental impacts	E3	S3	NA
	Construction of	Bus Workshops	May have some negative but localized environmental and social impacts	E2	S2	ESMP
	Rehabilitation o	of Bus Stands/Terminals⁵	May have negligible environmental impacts	E2	E2	ESMP
5.			Social and Livability Infra	structure		
	Urban greenery	and public spaces	May have negligible environmental impacts	E2	S2	ESMP
	Construction of		May have some negative but localized environmental and social impacts	E2/E1	S2/S1	ESMP/IEE/EIA
	Rehabilitation Community Par	•	May have negligible environmental impacts	E2	S2	ESMP

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

<sup>5</sup> According to a notification by Punjab EPA vide No. Dir (EIA)/01/2017 dated 29-05-2017, Bus and Wagon stands of Category C with area upto 8 kanals, are exempted from IEE/EIA 6 Parks will be constructed on already allocated lands (for community parks) by Local Government

## **Section 3: Budget Allocation**

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

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

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

### **Section 4: Monitoring & Supervision**

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

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

## **Annexure E. Project Appraisal**

### **Projects Appraisal**

**Project ID:** 02-09-02-02

Project Description: Improvement of Sewerage System in Jhang City and Construction of Waste Water Treatment Plant (WWTP)

Sr. No.		Description	Unit	Value	Remarks
1	Net Present Value (NPV)	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%	Rs.	2,113	
2	Financial Internal Rate of Return (FIRR) FIRR		%	31%	
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	9.78	
4	Payback Period PBP= Capital costs ÷ Annual Net Benefits		Years	6.50	

			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=Hxl
0	2023-2024	852.61		853				-	(853)	1	(853)
1	2024-2025	852.61		853				-	(853)	0.82	(697)
2	2025-2026	852.61		853				-	(853)	0.67	(570)
3	2026-2027		50.27	50	562.72	27.20		590	540	0.55	295
4	2027-2028		58.37	58	653.44	31.58		685	627	0.45	280
5	2028-2029		67.78	68	758.77	36.68		795	728	0.37	266
6	2029-2030		78.71	79	881.08	42.59		924	845	0.30	252
7	2030-2031		91.40	91	1,023.11	49.45		1,073	981	0.24	239
8	2031-2032		106.13	106	1,188.04	57.42		1,245	1,139	0.20	227
9	2032-2033		123.24	123	1,379.55	66.68		1,446	1,323	0.16	216
10	2033-2034		143.11	143	1,601.94	77.43		1,679	1,536	0.13	205
11	2034-2035		166.17	166	1,860.17	89.91		1,950	1,784	0.11	194
12	2035-2036		192.96	193	2,160.03	104.41		2,264	2,071	0.09	185
13	2036-2037		224.07	224	2,508.22	121.24		2,629	2,405	0.07	175
14	2037-2038		260.19	260	2,912.55	140.78		3,053	2,793	0.06	166
15	2038-2039		302.13	302	3,382.05	163.47		3,546	3,243	0.05	158
16	2039-2040		350.83	351	3,927.24	189.82		4,117	3,766	0.04	150
17	2040-2041		407.39	407	4,560.31	220.42		4,781	4,373	0.03	142
18	2041-2042		473.06	473	5,295.43	255.96		5,551	5,078	0.03	135
19	2042-2043		549.31	549	6,149.06	297.22		6,446	5,897	0.02	128
20	2043-2044		637.86	638	7,140.28	345.13		7,485	6,848	0.02	122
21	2044-2045		740.69	741	8,291.30	400.76		8,692	7,951	0.01	116
22	2045-2046		860.09	860	9,627.86	465.37		10,093	9,233	0.01	110
23	2046-2047		998.73	999	11,179.87	540.38		11,720	10,722	0.01	104
24	2047-2048		1,159.73	1,160	12,982.06	627.49		13,610	12,450	0.01	99
25	2048-2049		1,346.68	1,347	15,074.77	728.64		15,803	14,457	0.01	94
26	2049-2050		1,563.76	1,564	17,504.82	846.10		18,351	16,787	0.01	89
27	2050-2051		1,815.84	1,816	20,326.60	982.49		21,309	19,493	0.00	85
-	Γotal	2,558	12,769	15,326	142,931	6,909	-	149,840	134,514		2,113

#### 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 for the society from investment in sanitation in the form of lower health costs, more productivity and fewer premature deaths. A WHO study in 2012 calculated that for every US\$ 1.00 invested in sanitation, there was a return of US\$ 5.50.
- 5 Direct revenue from the project is envisaged on the basis of PKR 1,580 per annum per connection.
- 6 Inflation rate is applied at cost savings and revenue @ 16.12%, which is average inflation of last 5 years.
- 7 Residual Value had been taken as nil.

#### Estimated Project Life:

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					
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.
- 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:** 02-09-01-06-01

**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.	344	
2	Financial Internal Rate of Return (FIRR) FIRR		%	38%	
3	Benefit Cost Ratio (BCR)  BCR= Total Benefits ÷ Total Costs		Ratio	10.77	
4	Payback Period PBP= Capital costs ÷ Annual Net Benefits		Years	6.50	

			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=Hxl
0	2023-2024	50.00		50				-	(50)	1	(50)
1	2024-2025	100.00		100				-	(100)	0.82	(82)
2	2025-2026	50.00	5.00	55				-	(55)	0.67	(37)
3	2026-2027		5.81	6	44.00	27.20		71	65	0.55	36
4	2027-2028		6.74	7	51.09	31.58		83	76	0.45	34
5	2028-2029		7.83	8	59.33	36.68		96	88	0.37	32
6	2029-2030		9.09	9	68.89	42.59		111	102	0.30	31
7	2030-2031		10.56	11	80.00	49.45		129	119	0.24	29
8	2031-2032		12.26	12	92.89	57.42		150	138	0.20	28
9	2032-2033		14.23	14	107.87	66.68		175	160	0.16	26
10	2033-2034		16.53	17	125.26	77.43		203	186	0.13	25
11	2034-2035		19.19	19	145.45	89.91		235	216	0.11	24
12	2035-2036		22.29	22	168.89	104.41		273	251	0.09	22
13	2036-2037		25.88	26	196.12	121.24		317	291	0.07	21
14	2037-2038		30.05	30	227.74	140.78		369	338	0.06	20
15	2038-2039		34.89	35	264.45	163.47		428	393	0.05	19
16	2039-2040		40.52	41	307.07	189.82		497	456	0.04	18
17	2040-2041		47.05	47	356.58	220.42		577	530	0.03	17
18	2041-2042		54.64	55	414.06	255.96		670	615	0.03	16
19	2042-2043		63.44	63	480.80	297.22		778	715	0.02	16
20	2043-2044		73.67	74	558.31	345.13		903	830	0.02	15
21	2044-2045		85.55	86	648.30	400.76		1,049	964	0.01	14
22	2045-2046		99.34	99	752.81	465.37		1,218	1,119	0.01	13
23	2046-2047		115.35	115	874.16	540.38		1,415	1,299	0.01	13
24	2047-2048		133.94	134	1,015.08	627.49		1,643	1,509	0.01	12
25	2048-2049		155.54	156	1,178.71	728.64		1,907	1,752	0.01	11
26	2049-2050		180.61	181	1,368.72	846.10		2,215	2,034	0.01	11
27	2050-2051		209.72	210	1,589.36	982.49		2,572	2,362	0.00	10
٦	Γotal	200	1,480	1,680	11,176	6,909	-	18,085	16,405		344

#### 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:**

- Benefits include the potential saving for the society from investment in sanitation in the form of lower health costs, more productivity and fewer premature deaths. A WHO study in 2012 calculated that for every US\$ 1.00 invested in sanitation, there was a return of US\$ 5.50.
- 5 Direct revenue from the project is envisaged on the basis of PKR 1,580 per annum per connection.
- 6 Inflation rate is applied at cost savings and revenue @ 16.12%, which is average inflation of last 5 years.
- 7 Residual Value had been taken as nil.

#### Estimated Project Life:

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					
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.
- 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:** 02-09-06-01-01

**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.	246	
2	Financial Internal Rate of Return (FIRR) FIRR		%	49%	
3	Benefit Cost Ratio (BCR)	fit Cost Ratio (BCR) BCR= Total Benefits ÷ Total Costs		64.55	
4	Payback Period	PBP= Capital costs ÷ Annual Net Benefits	Years	6.50	

			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	Е	F	G=D+E+F	H=G-C	l=(1.22.32)^n	J=Hxl
0	2023-2024	50.00	0.25	50				-	(50)	1	(50)
1	2024-2025		0.29	0				-	(0)		(0)
2	2025-2026		0.34	0				-	(0)		(0)
3	2026-2027		0.39	0	11.00	27.20		38	38	0.55	21
4	2027-2028		0.45	0	12.77	31.58		44	44	0.45	20
5	2028-2029		0.53	1	14.83	36.68		52	51	0.37	19
6	2029-2030		0.61	1	17.22	42.59		60	59	0.30	18
7	2030-2031		0.71	1	20.00	49.45		69	69	0.24	17
8	2031-2032		0.83	1	23.22	57.42		81	80	0.20	16
9	2032-2033		0.96	1	26.97	66.68		94	93	0.16	15
10	2033-2034		1.11	1	31.31	77.43		109	108	0.13	14
11	2034-2035		1.29	1	36.36	89.91		126	125	0.11	14
12	2035-2036		1.50	2	42.22	104.41		147	145	0.09	13
13	2036-2037		1.74	2	49.03	121.24		170	169	0.07	12
14	2037-2038		2.03	2	56.93	140.78		198	196	0.06	12
15	2038-2039		2.35	2	66.11	163.47		230	227	0.05	11
16	2039-2040		2.73	3	76.77	189.82		267	264	0.04	11
17	2040-2041		3.17	3	89.14	220.42		310	306	0.03	10
18	2041-2042		3.68	4	103.51	255.96		359	356	0.03	9
19	2042-2043		4.28	4	120.20	297.22		417	413	0.02	9
20	2043-2044		4.97	5	139.58	345.13		485	480	0.02	9
21	2044-2045		5.77	6	162.08	400.76		563	557	0.01	8
22	2045-2046		6.70	7	188.20	465.37		654	647	0.01	8
23	2046-2047		7.78	8	218.54	540.38		759	751	0.01	7
24	2047-2048		9.03	9	253.77	627.49		881	872	0.01	7
25	2048-2049		10.49	10	294.68	728.64		1,023	1,013	0.01	7
26	2049-2050		12.18	12	342.18	846.10		1,188	1,176	0.01	6
27	2050-2051		14.14	14	397.34	982.49		1,380	1,366	0.00	6
	Fotal	50	100	150	2,794	6,909	-	9,703	9,552	3.00	246

#### Costs:

- 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:**

- Benefits include the potential saving for the society from investment in sanitation in the form of lower health costs, more productivity and fewer premature deaths. A WHO study in 2012 calculated that for every US\$ 1.00 invested in sanitation, there was a return of US\$ 5.50.
- 5 Direct revenue from the project is envisaged on the basis of PKR 1,580 per annum per connection.
- 6 Inflation rate is applied at cost savings and revenue @ 16.12%, which is average inflation of last 5 years.
- 7 Residual Value had been taken as nil.

#### **Estimated Project Life:**

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

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

- 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.
- 10 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: 02-09-01-01-01

Project Description : Solarization of Tube wells and Water Supply System

Sr. No.		Description	Unit	Value	Remarks
1	Net Present Value (NPV)	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%	Rs.	246	
2	Financial Internal Rate of Return (FIRR)	FIRR	%	49%	
3	Benefit Cost Ratio (BCR)	o (BCR) BCR= Total Benefits ÷ Total Costs		64.55	
4	Payback Period PBP= Capital costs ÷ Annual Net Benefits		Years	6.50	

			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	Е	F	G=D+E+F	H=G-C	I=(1.22.32)^n	J=Hxl
0	2023-2024	50.00	0.25	50				-	(50)	1	(50)
1	2024-2025		0.29	0				-	(0)		(0)
2	2025-2026		0.34	0				-	(0)	0.67	(0)
3	2026-2027		0.39	0	11.00	27.20		38	38	0.55	21
4	2027-2028		0.45	0	12.77	31.58		44	44	0.45	20
5	2028-2029		0.53	1	14.83	36.68		52	51	0.37	19
6	2029-2030		0.61	1	17.22	42.59		60	59	0.30	18
7	2030-2031		0.71	1	20.00	49.45		69	69	0.24	17
8	2031-2032		0.83	1	23.22	57.42		81	80	0.20	16
9	2032-2033		0.96	1	26.97	66.68		94	93	0.16	15
10	2033-2034		1.11	1	31.31	77.43		109	108	0.13	14
11	2034-2035		1.29	1	36.36	89.91		126	125	0.11	14
12	2035-2036		1.50	2	42.22	104.41		147	145	0.09	13
13	2036-2037		1.74	2	49.03	121.24		170	169	0.07	12
14	2037-2038		2.03	2	56.93	140.78		198	196	0.06	12
15	2038-2039		2.35	2	66.11	163.47		230	227	0.05	11
16	2039-2040		2.73	3	76.77	189.82		267	264	0.04	11
17	2040-2041		3.17	3	89.14	220.42		310	306	0.03	10
18	2041-2042		3.68	4	103.51	255.96		359	356	0.03	9
19	2042-2043		4.28	4	120.20	297.22		417	413	0.02	9
20	2043-2044		4.97	5	139.58	345.13		485	480	0.02	9
21	2044-2045		5.77	6	162.08	400.76		563	557	0.01	8
22	2045-2046		6.70	7	188.20	465.37		654	647	0.01	8
23	2046-2047		7.78	8	218.54	540.38		759	751	0.01	7
24	2047-2048		9.03	9	253.77	627.49		881	872	0.01	7
1	Total	50	100	150	2,794	6,909	-	9,703	9,552		246

#### Costs:

- 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:**

- Benefits include the potential saving for the society from investment in sanitation in the form of lower health costs, more productivity and fewer premature deaths. A WHO study in 2012 calculated that for every US\$ 1.00 invested in sanitation, there was a return of US\$ 5.50.
- 5 Direct revenue from the project is envisaged on the basis of PKR 1,580 per annum per connection.
- 6 Inflation rate is applied at cost savings and revenue @ 16.12%, which is average inflation of last 5 years.
- 7 Residual Value had been taken as nil.

#### **Estimated Project Life:**

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

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

- 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.
- 10 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: 02-09-01-04-03

Project Description: Provision of Mobile Ultra Filtration Plants (02) for Disaster Management

Sr. No.	Description			Value	Remarks
1	Net Present Value (NPV) NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%		Rs.	212	
2	Financial Internal Rate of Return (FIRR)	FIRR	%	107%	
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	44.62	
4	Payback Period	PBP= Capital costs ÷ Annual Net Benefits	Years	6.50	

		Costs			Benefits					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	6.50	0.39	7				-	(7)	1	(7)
1	2024-2025		0.45	0				-	(0)	0.82	(0) (0)
2	2025-2026		0.53	1				-	(1)	0.67	(0)
3	2026-2027		0.61	1	1.43	27.20		29	28	0.55	15
4	2027-2028		0.71	1	1.66	31.58		33	33	0.45	15
5	2028-2029		0.82	1	1.93	36.68		39	38	0.37	14
6	2029-2030		0.96	1	2.24	42.59		45	44	0.30	13
7	2030-2031		1.11	1	2.60	49.45		52	51	0.24	12
8	2031-2032		1.29	1	3.02	57.42		60	59	0.20	12
9	2032-2033		1.50	1	3.51	66.68		70	69	0.16	11
10	2033-2034		1.74	2	4.07	77.43		82	80	0.13	11
11	2034-2035		2.02	2	4.73	89.91		95	93	0.11	10
12	2035-2036		2.34	2	5.49	104.41		110	108	0.09	10
13	2036-2037		2.72	3	6.37	121.24		128	125	0.07	9
14	2037-2038		3.16	3	7.40	140.78		148	145	0.06	9
15	2038-2039		3.67	4	8.59	163.47		172	168	0.05	8
16	2039-2040		4.26	4	9.98	189.82		200	196	0.04	8
17	2040-2041		4.95	5	11.59	220.42		232	227	0.03	7
18	2041-2042		5.75	6	13.46	255.96		269	264	0.03	7
	2042-2043		6.67	7	15.63	297.22		313	306	0.02	7
20	2043-2044		7.75	8	18.14	345.13		363	356	0.02	6
21	2044-2045		9.00	9	21.07	400.76		422	413	0.01	6
22	2045-2046		10.45	10	24.47	465.37		490	479	0.01	6
23	2046-2047		12.13	12	28.41	540.38		569	557	0.01	5
24	2047-2048		14.09	14	32.99	627.49		660	646	0.01	5
Т	otal	7	156	163	363	6,909	-	7,272	7,109		212

#### Costs:

- 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:**

- Benefits include the potential saving for the society from investment in sanitation in the form of lower health costs, more productivity and fewer premature deaths. A WHO study in 2012 calculated that for every US\$ 1.00 invested in sanitation, there was a return of US\$ 5.50.
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#### **Estimated Project Life:**

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	
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Disposal Pumps	15	
OHR	50	
Water Pipelines	25	
Rising Mains/	25	
Transmission Mains		
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.
- 10 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 - Jhang.pdf

2022-2023



2023-2024

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

Summary of Cost					
Sub Head No	Sub Head	Total Cost (Rs)			
1	Man power (Annex-A-1)	13,413,097			
2	Electricity charges (Annex-B-1)	3,963,946			
3	Repairs & Replacements (Annex-C-1)	1,980,000			
4	Supply items (Annex-D-1)	993,600			
	POL	-			
	Contingencies	1,000,000			
	Grand Total	21,350,643			
	Grand Total	21,350,643			
	Say (million Rs)	12.80 Million			

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

Summary of Cost				
Sub Head No	Sub Head	Total Cost		
1	Man power (Annex-A-2)	80,305,651		
2	Electricity charges (Annex-B-2)	49,989,758		
3	Repairs & Replacements (Annex-C-2)	14,930,000		
4	Supply items (Annex-D-2)	-		
	POL	39,775,560		
	Contingencies	3,200,000		
	Grand Total	188,200,969		
	Grand Total	188,200,969		
	Say (million Rs)	148.42 Million		

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

Summary of Cost					
Sub Head No	Sub Head	Total Cost			
1	Man power (Annex-A-3)	367,403,382			
2	Energy Charges (Annex-B-3)	-			
3	Repairs & Replacements (Annex-C-3)	19,820,000			
4	Supply items (Annex-3)	10,086,000			
	POL	44,743,050			
	Contingencies	10,300,000			
	Grand Total	452,352,432			
	<b>Grand Total</b>	452,352,432			
	Say (million Rs)	452.35			