

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 2023







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1 Introduction

Section 1. Introduction

1.1. Context

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

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

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

1.2. Scope

This document has been prepared for Integrated Development and Asset Management Planning of Municipal Committee (MC) 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
Ε	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;
 - o Daily water supplied to the distribution system was calculated on the basis of capacity of tubewell and average daily operational hours of tubewell;
 - o Non revenue water was computed by considering actual revenue collected by MC and total connections in the served area;
 - Total number of pipe leakages of the water distribution network was computed on the basis of number of complaints received by
 MC. It was assumed that one complaint represented one pipe leakage;
 - o Total number of sewerage blockages was computed on the basis of number of complaints received by MC. It was assumed that one complaint represented one sewerage blockage; and
 - The total annual operating expenses for each sector were determined based on the expenditure report provided by the MC staff, which covered nine (9) months' worth of data. To obtain the annual operating expenses, an extrapolation method was used to estimate the remaining three (3) months' expenditures.

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

Overview - Municipal Committee Jhang

Section 2. Overview - Municipal Committee Jhang

2.1. Introduction

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

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¹ 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

3 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.	14
		Movable Assets (Vehicles/Machinery)	No.	2
		Sewerage Network	Meter	124337
2	Sewerage System	Disposal Stations	No.	12
		Movable Assets (Vehicles/Machinery)	No.	86
3	Recreational	Park	No.	5
4	CWM 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

Sr No.	Asset Category	Asset Sub-Category	Unit	Total
7	7 Public Places	Slaughter Houses	No.	1
/		Others	No.	2
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	OHR			2		1	No.	3
System	Filtration Plants			1	7	6	No.	14
	Movable Assets (Vehicles/Machinery)		2				No.	2
Sewerage System	Sewerage Network	27815	52341	44181			Meter	124337
	Disposal Stations		1	6	3	2	No.	12
	Movable Assets (Vehicles/Machinery)		51	35			No.	86
Recreational	Park		2	1		2	No.	5

		Asset Condition						
Asset Category	Asset Sub-Category	Excellent (A)	Good (B)	Fair (C)	Poor (D)	Failing (E)	Unit	Total
	Dumping Site				2		No.	2
SWM Resource	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
Public Places	Slaughter Houses				1		No.	1
Public Places	Others		1	1			No.	2
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 and control and development of water sources;	Water Supply Coverage %	Percentage of area, where water supply network is available in comparison to total built up area.	11%	11%		
	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		
	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	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)
	(gross production cost) (PKR)				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	2023-2026

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Projects Name	Timeframe (FY)
					Treatment Plant (WWTP)	
	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	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.	Ο%	40%	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)
	Sewerage Complaints (%)	Total number of sewerage complaints per year expressed as a percentage of the total number of sewerage connections.	.73%	.25%	2. Rehabilitation and improvement of sewerage system in Jhang city. 3. 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 in Jhang City and Construction of Wastewater Treatment Plant (WWTP)	2023-2026
	Collection efficiency (%)	Total amount of solid waste collected expressed as a percentage of total solid waste produced.	74%	85%		
Sanitation and solid waste collection and	Disposal efficiency (%)	Total amount of solid waste disposed off expressed as a percentage of total solid waste collected.	100%	100%		
disposal of solid wastes, treatment and disposal	Door-to-door %	Percentage of area with door-to-door solid waste collection.	0%	О%		
including landfill site and recycling plants;	Primary SWM Coverage each day in localities %	Percentage of area from which the sanitary staff sweeps & collects waste each day	51%	51%		
, 17,	Primary SWM Coverage each day in Roads %	Primary SWM Coverage each day in Roads	55%	55%		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Projects Name	Timeframe (FY)
	Open Collection Points (Number)	Open Collection Points	157	157		
	Secondary collection machinery (Number)	Secondary collection machinery	NIL	NIL		
	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		
	Roads with condition "A" (Excellent) %	Total number of roads with condition "A" expressed as a percentage of total roads.	O%	0%	A) Improvement and Rehabilitation of Roads in MC Jhang	
Roads and streets;	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.	2023-2024
,	Roads with condition "C" (Fair) %	Total number of roads with condition "C" expressed as a percentage of total roads.	0%	О%	Rehabilitation of Roads(Tuff	
	Roads with condition "D" (Poor) %	Total number of roads with condition "D" expressed as a percentage of total roads.	88%	60%	Paver) in MC Jhang. D) Improvement	
-	Roads with condition "E" (Failing) %	Total number of roads with condition "F" expressed as a percentage of total roads.	O%	О%	& Rehabilitation of 07 Nos. Chowks in MC Jhang.	

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Projects Name	Timeframe (FY)
					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
	Open spaces as percentage of total MC area. %	Open spaces as percentage of total MC area. %	1.3%	0%		
	Playgrounds as percentage of total MC area. %	Playgrounds as percentage of total MC area. %	Ο%	O%		
Parks, Playgrounds, Open	Parks with condition "A" (Excellent) %	Parks with condition "A" expressed as a percentage of total parks.	0%	60%	A)	
spaces;	Parks with condition "B" (Good) %	Parks with condition "B" expressed as a percentage of total parks.	40%	30%	Rehabilitation of Dhaji Park for Female in Jhang	2023-
	Parks with condition "C" (Fair) %	Parks with condition "C" expressed as a percentage of total parks.	20%	10%	City B)	2026
	Parks with condition "D" (Poor) %	Parks with condition "D" expressed as a percentage of total parks.	40%	0%	Rehabilitation of Ganda Toya	

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Projects Name	Timeframe (FY)
	Parks with condition "E" (Failing) %	Parks with condition "E" expressed as a percentage of total parks.	2%	O%		
	Parks as percentage of total MC area. %	Parks as percentage of total MC area. %	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%	O%		
	Graveyards with condition "B" (Good) %	Total area of graveyards with condition "B" expressed as a percentage of total area of graveyards.	100%	100%		
Graveyards;	Graveyards with condition "C" (Fair) %	Total area of graveyards with condition "C" expressed as a percentage of total area of graveyards.	О%	O%		
	Graveyards with condition "D" (Poor) %	Total area of graveyards with condition "D" expressed as a percentage of total area of graveyards.	О%	O%		
	Graveyards with condition "E" (Failing) %	Total area of graveyards with condition "E" expressed as a percentage of total area of graveyards.	О%	O%		
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

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Projects Name	Timeframe (FY)
	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		
	Buildings with condition "A" (Excellent) %	Total number of buildings with condition "A" expressed as a percentage of total number of buildings.				
	Buildings with condition "B" (Good) %	Total number of buildings with condition "B" expressed as a percentage of total number of buildings.	11%			
Buildings	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.				

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Projects Name	Timeframe (FY)
	Solar Penetration Index (SPI) %	The Solar Penetration Index (SPI) measures the percentage of MC office buildings that have successfully undergone solarization.	Ο%	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.

5IDAMP Projects

Section 5. IDAMP Projects

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

Table 4: IDAMP Projects

				Total	2023-	24	2024	-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-	24	2024	-25	2025	5-26	5
Sr. No.	Project ID	Project Name	Asset Category	Capital Cost	Capital	O&M	Capital	O&M	Capital	O&M	Project Screening
140.							(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-	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)
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 O7 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
		Total		5,119.06	2,718.86	88.42	1,574.42	160.43	825.78	205.13	

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 forms²:

Table 5: Projects Detail

Sr. no.	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	 Rehabilitation of the components of existing water supply system to attain full efficiency out of these installations. Supply of adequate quantity of water in water shortage areas. Improvement of service delivery 	Replacement of outlived water supply distribution system, Rehabilitation of Tubewells.	50	2.50	Jhang City

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

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Sr. no.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			level in the entire city. 4) Augmentation of the source capacity 5) Equal distribution of water in the entire system 6) Improvement of terminal pressure at remote ends of the distribution system 7) Reduction of water borne diseases. 8) Improvement in local and province economy.				
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	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	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
			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 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.	Town. 6.Pumping Machinery of New Gadhian Wala, Tibba Sultan & Goghay Wala 7.Inter connections in disposal works 8.Providing Installation MS Screens on 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	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	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
			find difficult to move about in the	f) 33" I/d			
			waste water flooding.	g) 36" I/d			
			 To improve the service delivery by 	h) 42" I/d			
			laying of trunk sewer	2 Desilting of RCC Sewer Line			
			according to topographic conditions.	a) 12" l/d			
			It will provide	b) 15" I/d			
			Improvement of service delivery	c) 18" l/d			
			level of the municipal services in the	d) 21" I/d			
			served areas of the city for provision	e) 24" I/d			
			of better basic urban services for	f) 27" I/d			
			improved livability of the citizen.	g) 30" I/d			
			 The new system is proposed to 	h) 33" I/d			
			reduce in annual O&M cost of the	i) 36" I/d			
			infrastructure due to reduced repairs	j) 42" l/d			
			in the forthcoming years because of	3 RPC Manhole covers 1500 Nos			
			repair or replacement of	4 Pumping Machinery			
			infrastructure components.	Centrifugal sullage pumping units			
			 The major areas which are adjacent 	6 Cusecs capacity			
			to main roads are without any proper	5 cusecs capacity			
			sewerage having surface drainage	3 cusecs capacity			
			system and resultantly,overflow	Disposal Stations			
			occurred on main road and destroy	Upgradation/rehabilitation of			
			the road infrastructure. The	existing			
			residents as well as the transport are	disposal station (Civil Works)			
			suffering badly. The trunk sewer on	Transformer set 200 KVA			
			these areas are proposed. A disposal				
			station namely "Faroogabad disposal	The newly proposed system in			
			station" is located in the thickly	Zone-1will comprise of the below			
			populated area and the outfall drain	given components:			
			is passing in public land. The owner	RCC sewers			
			of the lands has inhabited their lands	a) 12" I/d			
			and drain has been converted into a	b) 15" I/d			
			pipeline which is not taking full	c) 18" I/d			
			discharge and under these	d) 21" I/d			

Sr. no.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			conditions the disposal station	e) 24" I/d			
			cannot be operated at full pumping	f) 30" I/d			
			capacity. As such waste water	g) 36" I/d			
			flooding is taking place in the	h) 42" l/d			
			commanded areas. Municipal	i) 48" I/d			
			Committee has installed number of	j) 60" l/d			
			dewatering sets on different	2 Disposal Station			
			locations. On one side the	Screening chamber			
			environments are totally7	Collecting tanks			
			deteriorated whereas on the other	Pump house			
			side huge financial burden is laid on	3 Pumping machinery			
			Municipal Committee due to	No clogging cardon shaft sullage			
			operation of these dewatering sets.	pumping units			
			 On completion of scheme about to 	15 Cusecs capacity			
			main disposal stations i.e.,	8 cusecs capacity			
			Farooqabad and Khokaran along with	4 Drain from disposal works to			
			15 dewatering sets will be eliminated	waste water			
			and sewage water flow by gravity. It	treatment plant			
			will cause in reduction and prompt	5 Transformer 630 KVA			
			addressal of the public complaints	6 Diesel Generating set 650 KVA 1			
			regarding municipal service delivery.	No			
			 The major areas are without sewer 	7 Change over switch			
			along the planned route of trunk	8 LT Control Panel with 5 MCUs			
			sewer which will be benefited with	3-Waste water Treatment Plant			
			sewerage facility and environmental	comprising of:			
			condition will be improve.	a) Sullage channel = One No			
			 The provide the wastewater 	b) Screening Chamber = 1 No			
			treatment facility for reduction of	c) Anaerobic ponds = 4 Nos			
			BOD to bring the effluent within	d) Facultative ponds = 4 Nos			
			permissible limits of the NEQSs and	e) Sludge drying beds = 4 No			
			the treated water can used for	f) Treated water pond = 1 No			
			irrigation.	g) Administration block = 1 No			
			 With the improvement of 	h) Floating plants = 20% of			
			environmental standards, the growth				

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			potential and the local economy of the city will be improved.	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. 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. P7-College Chowk to Session Chowk 2. P8-Kalma Chowk to Basti Faizabad Road 3. P9-Model Bazar Road	314.67	15.73	1. P7-College Chowk to Session Chowk 2. P8-Kalma Chowk to Basti Faizabad Road 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.	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	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,

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			 5. Reduction in annual maintenance charges of roads and parks 6. Better lit roads and streets adding to security of people travelling at night. 7. Improvement in environments of the city making them livable. 8. Improvement in local and province economy. 9. Improvement in the economic growth potential of the city. 	Roads 6. P6-Sargodha Road			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 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.		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
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
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.	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

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			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.				
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 maintenance downtime. Ensure compliance with regulatory requirements. Increase the lifespan of the street lighting system.	Replacement of non-operational street lights	7.25	40.57	All major roads
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	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	21.9	0.55	Dhaji Park,Jhang City

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			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 Recharging well Plantation of Trees and Plants			
13	Parks, Playgrounds, Open spaces	Rehabilitation of Ganda Toya	1. To reduce urban heat island effect. 2. To provide active and passive recreational opportunities 3. To contribute to the health and wellness of a community 4. To create valuable green space 5. To combat air pollution caused by vehicles and industries 6. Improvement in environments of the city making them livable. 7. Improvement in local and province economy. 8. Improvement in the economic growth potential of the city	 ▶ Boundary wall with iron grill ▶ Entrance gates ▶ Ramps for PWDs ▶ Tuff tile pathways ▶ Jogging track ▶ Landscaping ▶ Plantation/vegetation cover of 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 	21.90	0.55	Jhang City

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
				 ▶ 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	1. Provision of disciplined travelling facilities to the people. 2. Provision of waiting facilities for the travelers in the form of respectable sitting, ablution & prayer, drinking water, toilets, shopping and ticketing. 3. Provision of car parking facilities to the public, 4. Rickshaw stand facilities 5. Revenue generation from shops and parking lot 6. Improvement in the air pollution in city area due to parking and waiting by the buses 7. Reduction in the traffic congestion created by buses at various locations of the city 8. Effective protection of the buses against the solar radiation and Ultraviolet rays, rain, hail, wind, and dust. 9. Slowing down the deterioration of buses, therefore reducing the amount of maintenance.	'- 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
			10. Improvement in the economic growth potential of the city.				
15	Slaughterhouse	Rehabilitation of slaughter house	Ensure compliance with sanitation and hygiene standards. Improve the welfare and treatment of animals. Enhance public health and safety. Increase the efficiency of the slaughter process. Reduce operating costs and increase profitability. Upgrade facilities and equipment to meet modern standards. Minimize the impact on the environment. Ensure compliance with regulatory requirements. Improve working conditions for employees. Improve the overall performance of the slaughterhouse.	 ▶ Boundary wall and gate ▶ Doctor's room ▶ Slaughtering hall ▶ Evisceration hall ▶ Meet cutting room ▶ Blood collection arrangements ▶ Water supply systems ▶ Skin storage room ▶ Waste water disposal system ▶ Solid waste collection and disposal system ▶ Health and Hygiene SOPs ▶ Separate Facility for Sick Animals ▶ Tools Disinfectant System 	175.00	4.38	All three Slaughter Houses, Jhang City
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	Solarization of the municipal buildings based on the site load and installation capacity assessment	50	0.25	Jhang City

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			solar energy can significantly reduce reliance on conventional grid electricity, resulting in long-term cost savings and improved financial viability.				
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
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	"""Design and Installation of the following components: 1-Instrumentation Inputs 2-RTUs	75	1.875	MC Jhang

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			pump will be moniter at a center point.	3-Radio/Cellular Telemetry 4- SCADA Operator Terminal 5-Alarming Monitoring 6-Control System Adjustments 7-Internet Browser 8-Server HTML""			
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 night. 7. Improvement in environments of the city making them livable. 8. Improvement in local and province economy. 9. Improvement in the economic growth potential of the city."	Geometric Improvement, 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 4. Dhup Sarri Road 5. Hussainia School Civil Lines Road 6. Sargodha Road

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
21	Road & Street	Improvement & Rehabilitation of 07 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 commuters. Reduction in road accidents. Saving in travelling and repair 	Wall Beautification/Rehabilitation	29.5	1.475	1. Islamia High School Chowk 2. Highway Chowk 3. DC Chowk 4. Girls College Road Chowk

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			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.				5. Session Chowk 6. DHQ Chowk
23	Road & Street	Fixing Roads and Street Signs in Jhang City	 Improvement of service delivery level of the municipal services in the sector of communication. Better travelling facilities for the commuters. Reduction in road accidents. Saving in travelling and repair cost of the vehicles. Reduction in annual maintenance charges of roads Better lit roads and streets adding to security of people 	1. Rehabilitation of Existing Pavement Structure 2. Pavement Marking 3. Improvement of drainage system 4. Street Light	49.58	2.479	Jhang City

Sr. no.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			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.				
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.	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

Municipal Committee Jhang

Sr.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Draidet
			f) To contribute the health and wellness of the community.				

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 1,486.32 1.88 Disposal Station		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	-	40.57
Parks, Playgrounds, Open spaces	21.90	0.55	-	0.55	21.90	1.10
Transport station, stops, stands and terminal	-	-	-	-	695.55	34.78
Slaughterhouse	58.33	-	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

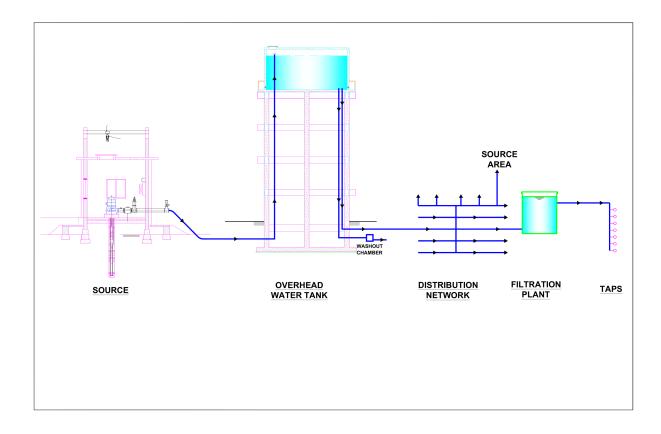
Capital cost of the projects incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.

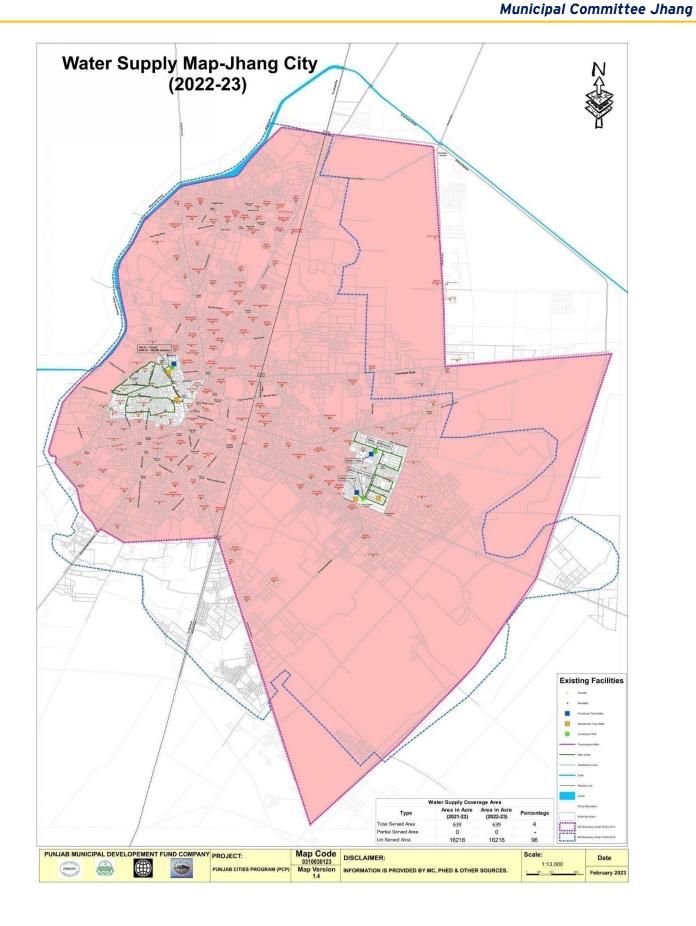
Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.

Annexure

Annexure A. Detail of Assets

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





A. Tube well

Sr #	Name	Age (Ye Civil Structure		Condition	Status	Book Value (PKR Mil)	Discharge (cusec)	Pump Make	Motor Make	Motor hp
1	MC Office	47	47	Fair	Functional	0.2	1	KSB	Siemens	50
12	Behari Colony	69	11	Failing	Non- Functional	0	1	KSB	Siemens	40
	New Kalma Chowk	69	15	Fair	Functional	0.1	1.5	KSB	Siemens	40
	Nawaz Sharif Park	12	12	Fair	Functional	0.4	0.75	KSB	Siemens	40

		Integrated Dev	velopment A	and Asset N	/lanagement	: Plan (IDAMP)
			Municipa	I Committe	ee Jhang	
Form:			Tube Well			Asset
IDAMP-A		Asset Cor	ndition Asse	Da		
		Asset	t Detail	Pict		
Name				MC Office		
Location	Latitu	ıde	,	31.291322)	
Location	Longi	tude		72.321003	3	
Address			Circular Ro	oad, Near T	anga Adda	
Area (Marla	a)			01		
Working St			Function		Functional	
		of Tube Well		1976		
Installation		of Pump		1976		
Capital Cos			N	<u>lot Availabl</u> 6	е	
Operationa		S		Vasi		
20	Dia			6"		The second of the second
Pipe	Mater	ial		Mild Steel		
Chlorinator	•		Yes		No	W. Hill
Chlorinatio	n Sche	edule	Once in a Year	After 6 Months	No Schedule	
Apron Arou	ınd Pu	mp House	Yes		No	
Hoisting Gi	rder		Yes		No	
Civil Struct	ure Co	ondition	Good	Fair	Poor	
Approach t	o Pum	p House	Good	Fair	Poor	
		Pump	Details			
Pump Type				Turbine		Jhang, F Musafir Kha Chaudhry C
Pump Make				1976		Lat 31.2913; Long 72.321
Discharge (-		1		Google 27/01/23 01:
Rotational				1465 12"		
Housing Dia (inches)						
Bore Depth	(ft.)					
Head (ft.)						
		ion Depth (ft.)		85		
Paint of Pu			Good	Fair	Poor	
	Gate	Valve		1		



Asset Code: _

Pictures

Date: 26-01-2023

Integrated Development And Asset Management Plan (IDAMP)								
		Municipal Con	nmittee Jhang					
Form:		Tube Well		Asset Code:				
IDAMP-A1.1	Asset Cor	ndition Assessme	nt	Da	te: 26-01-2023			
Number of Non-	-		1					
Valves Valv	е			THE SECTION OF THE SE				
Base Plate		Yes	No		27 July 1			
		I Equipment Deta						
Transformer Ca			00		13 25 15/5			
Sanctioned Load			8					
Motor Power (H	P)		0					
Motor Make MCU		Yes	nens L No					
Earthing of Moto	or .	Yes	No No		3 2			
Power Wiring	וכ	Yes	No		3 8 V 9 13 16			
Service Cable		Yes	No					
Earthing of MCU	<u> </u>	Yes	No					
Energy Meter	'	Yes	No		CO GPS Map Camera			
Water Meter		Yes	No	Musafir Khana	unjab, Pakistan a & Union Council Office 87,			
PFI Equipment		Yes	No	Lat 31.291322 Long 72.3210				
Generator		Yes	No	Google 27/01/23 01:59 PM GMT +05:00				
Change Over		Yes	No					
		Overall	Rating					
Average Score	1	2	3	4	5			
Asset Condition	Excellent	Good	Fair	Poor	Failing			
Category	Α	В	С	D	E			
		Remarks / R	equirements					
Pump has of	outlived its life	and needs repla	acement.					
Data Collected B	y: Mr. Abdullah	Designation: Tea	am Member	Julop				
Data Checked By	r: Mr. M Fiaz	Designation: Tea	am Lead	Sign & Date: 15 May 2023 Sign & Date: 15 May 2023				

		Integrated	Developn	nent	And A	Asset Man	agement Plan (IDAMP)
		Jhang					
Form: IDAMP-A1	2	Tube Asset Co Assess	ndition			Asse:	
			Detail			Picture	
Name			В	ehari	Colo	ny	
Location	Lat	itude	()	31.26	622		
Location	Lor	ngitude	-	72.35	348	5	
Address			Behari		ny, S wn	atellite	
Area (Marl	a)		0	1			
Working St	atu	s	Functio	nal	Fu	Non- nctional	
Installation Well	Ye	ar of Tube		19	54		
Installation	Ye	ar of Pump		20	12		The state of the s
Capital Cos	st		4.	5 Mil	lion F	Pkr	SIEMENS
Operationa	ıl Ho	ours		()		City on Charge
Delivery	Dia	1		6)''		
Pipe	Ма	terial		Mild	Steel		Jhang, Punjab, Pa
Chlorinato	r		Yes			No	Plot 584 A, Satellite Towl Jhang, Punjab, Pakistan Lat 31.258449°
Chlorination Schedule			Once in a Year		er 6 nths	No Schedul e	Google Lat 31,200-419 Long 72,351665* 27/01/23 01:14 PM GMT
Apron Aro	und	Pump House	Yes			No	
Hoisting Gi			Yes			No	
Civil Struct			Good	Fá	air	Bad	
		ump House	Good		air	Bad	
			Details Bad				
Pump Type	<u>;</u>			Tur	bine		
Pump Make					12		Jhang, Punjab, Pakistan Plat 584 A, Satellite Town Block A Satellite
Discharge (Cusec)		acity			1		Town, rates, Purjob, Pariosan Let 31.286222 Long 72.3586355 27/01/23 01:n4 Par OMT 405:00 COC
Rotational	Spe	ed (RPM)		14	65		-
Housing Di					2"		
Bore Depth				30	00		The same of the sa
Head (ft.)					50		78 B
	stal	lation Depth			5		
Paint of Pu	mpi	ing Unit	Good	Fá	air	Poor	Jhang, Punjab, Pakistan Pat 584 A, Salelite Town Block A Salelite
		te Valve			1		Town, Jhang, Punjab, Pakistan Let 31:258432* Long 72:35161*
Number of Valves Non-Returning Valve				-	1		300gle 27/01/23 01:13 PM CMT +05:00
Base Plate			Yes			No	
Electro-Mechanica			l Equipme	nt De	etails		
Transformer Capacity (kVA)			N	ot Av	ailab		
Sanctioned Load (kw)				3	0		
Motor Power (HP)					0		
Motor Make				Sien	nens		
мси			Yes			No	



Pictures





Asset Code: _____ Date: 26-01-2023





	Integrated Development And Asset Management Plan (IDAMP)									
			Municip	al Con	nmittee 、	Jhang				
Form: IDAMP-A1.2	Tube Asset Co Assess	ndit	tion					Code: te: 26-01-2023		
Earthing of Mot	or		Yes		No					
Power Wiring			Yes		No					
Service Cable			Yes		No					
Earthing of MCl	J		Yes		No					
Energy Meter			Yes		No					
Water Meter			Yes		No					
PFI Equipment			Yes		No					
Generator			Yes	No						
Change Over			Yes		No					
			C	verall	Rating					
Average Score	1		2	3		3	4	5		
Asset Condition	Excellen	t	Good	t	Fa	ir	Poor	Failing		
Category	Α		В		C	:	D	П		
			Remar	ks / R	equirem	ents				
Pump is out of	order and r	nain	rehabilita	ation i	s requir	ed.				
Data Collected B	lah	Designation: Team Member			er	Juloh Sign & Date: 15 May 2023				
Data Checked By	Designatio	on: Tea	nLead		Sign & Date: 15 May 2023					

		Integrat	gement Plan (IDAMP)								
	Municipal Committee Jhang										
Form: IDAMP-A1	1.3	Asset	oe Well Condition essment		Asset Code: Date: 26-01-2023						
		As	set Detail		Pictures						
Name			New Kal	ma Chowk							
Location	Latitude		31.258432								
Location	Longitude		72.351610								
Address				howk, Satellite own							
Area (Mari	a)		(01							
Working S	tatu	S	Functional	Non- Functional							
Installation Year of Tube Well			19	954							
Installation Year of Pump			20	008							
Capital Co	st		4	Million Pkr							

Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang Tube Well Form: **Asset Code: Asset Condition** IDAMP-A1.3 Date: 26-01-2023 Assessment Operational Hours 6 6" Delivery Dia Pipe Material Mild Steel Chlorinator Yes No Once in a After 6 No Chlorination Schedule Months Schedule Year Apron Around Pump Yes No House Hoisting Girder Yes No Civil Structure Good Fair Bad Condition Approach to Pump Good Fair Bad House Pump Details Pump Type Turbine Pump Make 2008 Discharge Capacity 1.5 (Cusec) Rotational Speed (RPM) 1465 Housing Dia (inches) 12" Bore Depth (ft.) 285 Head (ft.) 150 Impeller Installation 85 Depth (ft.) Paint of Pumping Unit Good Fair Poor **Gate Valve** 1 Number Nonof Valves Returning 1 Valve **Base Plate** Yes No Electro-Mechanical Equipment Details Transformer Capacity (kVA) 19 Sanctioned Load (kw) 40 Motor Power (HP) Motor Make Siemens MCU Yes No Earthing of Motor Yes No Power Wiring Yes No Service Cable Yes No Yes Earthing of MCU No Yes **Energy Meter** No Water Meter Yes No PFI Equipment Yes No Generator No Yes Change Over Yes No

	Integrated Development And Asset Management Plan (IDAMP)										
	Municipal Committee Jhang										
Form: IDAMP-A1.3	Tube Well Asset Condit Assessmen		Asset Code: Date: 26-01-2023								
		Overall	Rating								
Average Scor	e 1	2	3	4	5						
Asset Condition	Excellent	Good	Fair	Poor	Failing						
Category A		В С		D	E						
		Remarks / R	equirements								
 Minor reh 	abilitation is requi	ired.									
Data Collected	By: Mr. Abdullah	Designation: Tea	nm Member	Julih Sign & Date: 15 May 2023							
Data Checked	By: Mr. M Fiaz	Designation: Tea	am Lead	Sign & Date: 15 May 2023							

		Integra	ted Develop	ment	And	Asset Mana	gement Plar	(IDAMP)		
			М	ommittee Jh	nang					
Form:	1.4	Asset C	e Well Condition Ssment					Asset Code: Date: 26-01-2023		
		As	set Detail					Pictures		
Name			Nav	vaz Sh	narif l	Park				
Location	Lat	itude		31.29	688	1				
Location	Lor	ngitude	-	72.31	.8540)				
Address			Nav	vaz Sh	narif l	Park				
Area (Mar	la)		01							
Working S	tatu	IS	Function	nal	Non-	Functional				
Installatio Tube Well		ear of	2011				A Line Line Control of the Control o			
Installatio Pump	n Ye	ear of	2011							
Capital Co	st		4.5 Million Pkr					Jhang, Punjab, Pakistan		
Operation	al H	ours		6	5		•	882F+439, Shah Block Jhang, Punjab, Pakistan		
Delivery	Dia			6	,"			Lat 31.300262° Long 72.322721°		
Pipe Material			Mild	Steel		Google	27/01/23 04:58 PM GMT +05:00			
Chlorinato	or		Yes			No				
Chlorination Schedule		chedule	Once in a Year	Afte Mor	-	No Schedule				
Apron Around Pump House			Yes No							
Hoisting G	Sirde	er	Yes			No				

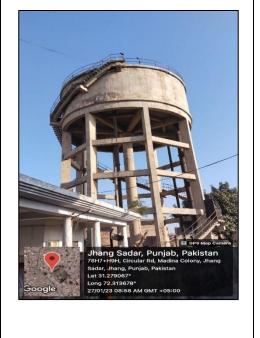
Integra	Integrated Development And Asset Management Plan (IDAMP)								
		Munici	pal Co	mmittee JI	hang				
Form: Asset (e Well Condition ssment					Asset (Da	Code: te: 26-01-2023		
Civil Structure Condition	Good	Fá	air	Bad					
Approach to Pump House	Good	Fa	air	Bad					
Pu	ımp Detai	ils							
Pump Type		Turl	bine						
Pump Make		20	11			☐ GPS M Jhang, Punjab, F	Map Camera Pakistan		
Discharge Capacity (Cusec)		0.	75			882F+439, Shah Block Pakistan Lat 31.300173* Lat 23.22619° 27/01/23 04:59 PM GM	Jhang, Punjab,		
Rotational Speed (RPM)		14	65						
Housing Dia (inches)		8)''						
Bore Depth (ft.)		30	00						
Head (ft.)		15	50				3 1/4		
Impeller Installation Depth (ft.)		8	5						
Paint of Pumping Unit	Good	Fá	air	Poor			Map Camera		
Gate Valve			1			Jhang, Punjab, P 882F+439, Shah Block Pakistan	Pakistan Jhang, Punjab,		
Number Non- of Valves Returning Valve		Ī	1			Google Lat 31.300129* Lag 72.222011 27/01/23 04:59 PM GM	T+05:00		
Base Plate	Ye	es		No		918 1			
Electro-Mecha	nical Equ	ipment [Detail	s		H CPS	Map Camera		
Transformer Capacity (kVA)		10	00			Jhang Sadar, Punja 78X8+6VG, Jhang - Sargot Jhang Sadar, Jhang, Punjal Lat 31.297623°	b, Pakistan		
Sanctioned Load (kw)	12					Google Long 72.317573° 27/01/23 04:58 PM GMT +1	55:00		
Motor Power (HP)	40								
Motor Make	Siemens								
MCU	Ye	es		No		A I	17.		
Earthing of Motor	Ye	es		No			S Map Camera رجانہ, Pakistan رجانہ		
Power Wiring	Ye	es		No		وك 78W9+MCV, Amir Town Pokistan Lat 31.296881°	o, Jhang, Punjab,		
Service Cable	Ye	es		No		Google Long 72.31854° 27/01/23 04:57 PM GMT +0	08:00		
Earthing of MCU	Ye	es		No	<u> </u>				
Energy Meter	Ye			No					
Water Meter	Ye			No					
PFI Equipment	Ye			No					
Generator	Ye			No					
Change Over	Ye			No					
			Overa	ıll Rating					
Average Score 1		2		3		4	5		
Asset Exce	llent	Goo	d	Fai	r	Poor	Failing		
Category A	\	В	mles /	C	nto	D	E		
Minor rehabilitatio	n is requ		irKS /	Requireme	1115				

	Integrated Dev	elopment And Asset Managemer	nt Plan (IDAMP)								
	Municipal Committee Jhang										
Form: IDAMP-A1.4	Tube Well Asset Conditio Assessment	n	Asset Code: Date: 26-01-2023								
Data Collected	d 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								

OHR В.

Sr #	Name	Age (Years)	Condition	Status	Book Value (PKR Mil)	Capacity
1	MC Office	17	Fair	Functional	0.2	10,000
2	Behari Colony	69	Failing	Non- Functional	0	50,000
3	Kalma Chowk	17	Fair	Functional	0.8	50,000

		Integrated De					nagement Plan (IDAN	MP)
			Muni	стра	al Cor	nmittee 、	Jnang	
Form: IDAMP-A	•		Over Asset Cor			ervoir ssessmer		sset. D
Name				МС	Office	9	Pic	ture
	Lat	itude	3	31.2	7932	6		
Location	Lor	ngitude	7	2.3	1394	.1		
Address					Road, adar	Jhang		
Year of Cor	nstru	uction		2	006			
Capacity (U	JK G	allons)		100	0,000			
Cleaning Year)		quency (Per			2			
Type of Str	uctu	ıre		R	.C.C			
Structure C	Cond	ition	Good	F	air	Poor		
Tank Condi	tion	S	Good	F	air	Poor		
Number S	luice	e Valve			4	•		
	lon-F 'alve	Returning			1			
Working St	atus	;	Function I	na	Non- Func	tional		Z
Rising Main	,	Dia		1	L0"			
Trising Main	'	Material	MS					
Delivery Ma	ain	Dia			8"			
		Material			MS			
Overflow Scour Pipe	&	Dia Material			8"			
Scoul Fipe		Rising Main	Yes		MS	No		1
	-	Delivery Main	Yes			No	CONTRACTOR ASSESSMENT OF THE PROPERTY OF THE P	adar, Circular I g. Puniab
Sluice Valv	e	Scour Pipe	Yes			No	Lat 31.2790	67° 8678°
	-	Overflow Pipe	Yes			No	Google 27/01/23 08	::58 AM G
Stair Case		,	Yes			No		
Apron Around OHR		Yes			No			
Tank Top Railing		Yes			No			
Top Indication Light		Yes			No			
Lightening			Yes			No		
Boundary V	vall		Yes			No	_	
Overflow Arrangeme		Disposal	Yes		Ĺ.,	No		
Approach t	o Ol	I R	Good	F	air	Bad		



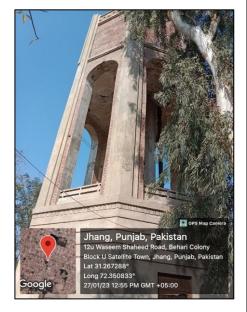
Asset Code: _

Pictures

Date: 26-01-2023

		Overall	Rating							
Average Score	1	2	3	4	5					
Asset Condition	Excellent	Good	Good Fair		Failing					
Category	Α	В	С	D	E					
	Remarks / Requirements									
Reinforc	ement at the tan	k floor was evider	nt and the structu	ıre needs rehabili	tation					
Data Collected E	By: Mr. Abdullah	Designation: Tea	am Member	Jul Sign & Date: 15	Sh May 2023					
Data Checked By	y: Mr. M Fiaz	Designation: Tea	am Lead	Sign & Date: 15 May 2023						

		Integrated De				nagement Plan (IDAMP)
			Muni	cipal Coi	mmittee .	Jnang
For IDAMP				Head Res	servoir ssessmei	Asset (nt Da
Name			Be	hari Col	ony	Pictures
Location	Lat	itude	3	1.26728	38	
Location	Loi	ngitude	7	2.35083	33	
Address			Bihari	Colony, S Town	Satellite	
Year of C	onstr	uction		1954		
Capacity	(UK C	Gallons)		50,000		
Cleaning Year)	Fre	equency (Per		2		
Type of S	Struct	ure	Bri	ck Masor	nary	
Structure	e Con	dition	Good	Fair	Poor	
Tank Cor	ditior	ıs	Good Fair Poor		Poor	
Number	Sluic	e Valve	4			
of Valves	Non- Valve	Returning e	1			
Working	Statu	s	Functional Non-Functional			
Rising Ma	ain	Dia		10"		TOUGHT OF THE STATE OF THE STAT
,		Material Dia		MS 8"		Jhang, Punjab,
Delivery	Main	Material		MS		Block U Satellite Town
Overflow & Dia			6"		Google Long 72.350833° 27/01/23 12:55 PM GI	
Scour Pipe Material				MS		
		Rising Main	Yes		No	
Sluice Va	ilve	Delivery Main	Yes		No	
		Scour Pipe	Yes		No	
Stair Can		Overflow Pipe	Yes		No	
Stair Cas	e		Yes		No	



Asset Code: _

Pictures

Date: 26-01-2023

Apron Around (OHR [Yes		No			
Tank Top Railin	ıg	Yes		No			
Top Indication I	Light	Yes		No			
Lightening Arre	ester	Yes	Yes No				
Boundary Wall	& Gate	Yes		No			
Overflow	Disposal	Yes		No			
Arrangements							
Approach to OF	ŀR	Good	Fair	Bad			
			Ove	rall Rating			
Average Score	1		2		3	4	5
Asset Condition	Excellent	G	Good		air	Poor	Failing
Category	Α		В		С	D	Е
		Rer	marks	/ Requirem	ents		
	e and tank cond gn criteria. So, t					. They have outli	ved their lives as
Data Collected E	Designation: Team Member Sign & Date: 15 May 2						
Data Checked B	Design	nation:	on: Team Lead Sign & Date: 15 May 202				

		Integrated De	velopme	nt And A	sset Man	agement Plan (IDAMP)		
					mmittee J			
For IDAMP		A	• • • • • • • • • • • • • • • • • • • •	lead Res	servoir ssessmen	Asset Code: nt Date: 26-01-202		
Name			Ka	ılma Cho	wk	Pictures		
Location	Location Latitude Longitude			1.25811	11			
Location				2.35131	16			
Address	Address			Chowk, S Town	Satellite			
Year of C	Constru	ıction	2006					
Capacity	(UK G	allons)	50,000					
Cleaning Year)	Fred	quency (Per	2					
Type of S	Structu	re	Brid	ck Masor	nary			
Structure	e Cond	ition	Good	Fair	Poor			
Tank Con	ditions	5	Good	Fair	Poor			
Number	Number Sluice Valve			4				
of Non-Returning Valves Valve		1			Jhang, Punjab, Pakistan 7952+2FP, Ghitya Wala Bazar, Satellite Town			
Working	Working Status		Functional Non- Functional			Block A Satellite Town, Jhang, Punjab, Pakistan Lat 31.258111° Long 72.351316°		
Rising Ma	ain	Dia		10"	_	27/01/23 01:08 PM GMT +05:00		
Talling IVIC	4111	Material		MS				

Datter and Mate	Dia		8"]			
Delivery Main	Material		MS 6"					
Overflow &	Dia							
Scour Pipe	Material		MS					
	Rising Main	Yes		No				
Sluice Valve	Delivery Main	Yes		No				
Siuice valve	Scour Pipe	Yes		No				
	Overflow Pipe	Yes		No				
Stair Case		Yes		No				
Apron Around	OHR	Yes		No				
Tank Top Railir	ng	Yes		No				
Top Indication	Light	Yes		No				
Lightening Arr	ester	Yes		No				
Boundary Wall	& Gate	Yes		No				
Overflow	Disposal	Yes		No				
Arrangements								
Approach to O	HR	Good	Fair	Bad				
			Over	all Rating				
Average Score	1		2	3	3	4	5	
Asset Condition	Excellent	G	ood	Fair		Poor	Failing	
Category	Α		В	(;	D	E	
		Rer	narks	/ Requirem	ents			
• Structu rehabili				•		riorated. So, th	ey need to be	
Data Collected	By: Mr. Abdullah	Design	ation:	Team Meml	ember Sign & Date: 15 May 2023			
Data Checked E	Design	ation:	Team Lead		Sign & Date: 15	by		

c. Filtration Plant

Sr #	Name	Age (Years)	Condition	Status	Book Value (PKR Mil)	Туре	Filtration Capacity (Liters/hour)
1	Qabristan Rulay Shah	6	Failing	Non- Functional	3	UV	2000
2	Muhallah Baghwala	17	Poor	Functional	0.6	UV	2000
3	Ahrar Park	10	Poor	Functional	2.7	UV	2000
4	Basti Mura Wali	6	Fair	Functional	3.5	UV	2000
5	Muhallah Farooqia	10	Failing	Non-	2.4	RO	1000
				Functional			
6	Milad Chowk	10	Poor	Non-	2.7	RO	1000
				Functional			
7	Larri Adda	6	Poor	Functional	3.5	UV	2000
8	Rasheed Chowk	6	Failing	Non-	3	UV	2000
				Functional			
9	Jail Road Shadab	6	Poor	Functional	3.5	UV	2000
	colony						
10	Sadiqabad	6	Poor	Functional	3.5	UV	2000
11	Behari Colony	10	Failing	Non-	1.8	RO	1000
				Functional			
12	Jalalabad Yusuf	10	Failing	Non-	2.2	UV	2000
	bhatha			Functional			
13	Faisalabad Jalalabad	17	Failing	Non-	0.3	UV	2000
				Functional			
14	MC Office	17	Poor	Functional	0.6	UV	2000

	Integrated Development And Asset Management Plan (IDAMP)									
			Mu	nicipal	Com	mittee Jhang				
Form: IDAMP-A4.	.1			Water Filtration Plant Asset Condition Assessment				sset Code: Date: 26-01-2023		
Name				Ahrar Park			Pic	tures		
Lacation Li	atitude			31.27068						
Location Lo	ongitude		72.30937					The same of the sa		
Address				Ahrai	Park	(9-			
Installation Yea	Installation Year			20	13			A STATE OF THE PARTY OF THE PAR		
Installing Agen	су			PH	IED			St. St.		
O&M Agency				MC J	hang		MATERIAL STATES	GPS Map Camera		
Filtration Capa	city (Lite	er/Hour)		20	00		78C5+6P5, Pipli	ab, Pakistan anwala Mohallah Jhang, Punjab,		
Operational Ho	urs			1	2		Pakistan Lat 31.270713°			
No. of Taps				8	3		Google Long 72.309316 27/01/23 09:12			
Effluent Test (I		-		N	lo			and the same of th		
Latest water carried out?				Not Av	ailab'	le				
parameters?	nich la		Not Available			le	1			
Findings of analysis?		quality	Not Available			le				
the permissib	In case of any parameter above the permissible limit, which steps are taken to provide safe water?			Not Available				Punjab, Pakistan Pipishawalah shhadah Jhang, idistan 132*		
Plant Type			RO	RO UV			Google 27/01/23 0	9:14 AM GMT +05:00		
Source of Wate	er		Local Tube	Local Tube Well Public Water Supply						
Working Status	5		Functio	Functional Non-Functional				A Property of the second		
Pumping Unit			Yes			No		TO PARTY		
Control Panel			Yes			No				
Service Cable			Yes			No				
Ultraviolet Lan	пр		Yes			No		OTS Mas Campta		
Takeaway Hall			Good	Fá	air	Poor				
Building Struct	ure Con	dition	Good	Fa	air	Poor	Long 72.3			
Approach to Pu	ımp Hou	ise	Good	Fa	air	Poor				
					erall	Rating				
Average Scor		1		2		3	4	5		
Asset Condition	n E	Excellent	G	ood		Fair	Poor	Failing		
Category		Α		В		С	D	E		
						quirements				
 Filter membrane was blocked and filter media was not working Gauge meter was not working Floor needs rehabilitation Some taps were missing 										
Data Collected	Data Collected By: Mr. Abdullah				Designation: Team Member			Sh		

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

	Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang									
Form: IDAMP-A4.	2	A	Water Filtration Plant Asset Condition Assessment						Code:ate: 26-01-2023	
Name			Мо	halla	Bagh	wala		Pictu	res	
, , La	titude			31.26	5618	5				
Location Lo	Longitude			72.30	0911	0				
Address			Moh	alla B	aghai	nwala	3			
Installation Ye	ar			20	006					
Installing Ager	псу			PH	IED		4			
O&M Agency				MC J	Jhang				GPS Map Camera	
Filtration (Liter/Hour)	Capacity	′		20	000			Mohallah Jhang, Punj	Pakistan sah, 7895+JFV, Piplianwala	
Operational H	ours			1	.2		30	Lat 31.268604° Long 72.308838°		
No. of Taps			300gle 27/01/23 09:20 AM GMT +05:00					MT +05:00		
Effluent Test (If Available)			No					10.1	Marie	
Latest water quality analysis carried out?			Not Available				• 114			
If yes, which lab and parameters?			1	Not A	vailab	le			20,907	
Findings of analysis?	water quality	′	Not Available							
In case of a above the per which steps provide safe w	missible limit are taken to	,	Not Available				Plot 29, Basti Sull Pakistan Lat 31,268188* Long 72,309097*	ID, Pakistan ma, Jiung, Purjah,		
Plant Type			RO			UV				
Source of Wat	er		Local Tu Well	ıbe	Pu	blic Water Supply				
Working Statu	S		Functio	nal	Non	-Functional				
Pumping Unit			Yes			No				
Control Panel			Yes			No		W/CA		
Service Cable			Yes			No		ب		
Ultraviolet Lamp			Yes			No			□ OFE NAD CARGOS	
Takeaway Hall Condition			Good		air	Poor		Jhang, Punja Plot 29, Basti Sull Pakisten Lat 31:268185*	nz, FakiStdil ian, Jhang, Punjab,	
Building Structure Condition			Good		air	Poor		Google Long 72,30911* 27/01/23 09:24 A	M GMT +05:00	
Approach to Pump House			Good		air	Poor				
					erall I	Rating				
Average Score	1			2		3		4	5	
Asset Condition	Excellen	t	G	ood		Fair		Poor	Failing	
Category A				В		С		D	E	

	Remarks / Requirements							
 Filter Media was not working 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						

	In	tegrated	Development A	nd Asset Manaq	gement Plan (IDAMP)
			Municipa	Committee Jh	ang
Form IDAMP-	•			ration Plant on Assessment	Asset (Da
Name			MC (Office	Picture
Location	Latitud	le	31.27	78869	
Location	Longit	ude	72.31	13138	
Address			Circular Road, Adda	Near Tanga	
Installation	Year		20	06	
Installing A	gency		El	PD PD	
O&M Agend	СУ		MC J	lhang	Jhang Sadar, Punj 78H6+RV7, Circular Rd, E Colony, Jhang Sadar, Jha
Filtration (Liter/Hou	r)	Capacity	20	000	Google Solution, January Sadar, Janu
Operationa	l Hours		1	.2	
No. of Taps	5		:	8	
Effluent Te	st (If A	/ailable)	٨	lo	
analysis ca		quality ut?	Not Av	vailable	والوقليرياني الاي
If yes, v	which s?	lab and	Not Av	Carty Services	
Findings o analysis?	f wate	r quality	Not Av	vailable	
In case of above the p which step provide saf	permiss os are	ible limit, taken to	Not Av	vailable	300 - 300 -
Plant Type			RO	UV	A STATE
Source of V	ource of Water		Local Tube Well	Public Water Supply	
Working St	atus		Functional	Non- Functional	
Pumping U	nit		Yes	No	
Control Pa	nel		Yes	No	Jhang Sadar, Pu
Service Cal	ble		Yes	No	78H7+G7J, Circular Rc Jhang Sadar, Jhang, P Lat 31.278869*
Ultraviolet	Lamp		Yes	No	Google Long 72,313138° 27/01/23 09:38 AM GR



Asset Code:





Takeaway Hall C	ondition	Good	Fair	Poor		
Building Condition	Structure	Good	Fair	Poor		
Approach to Pun	np House	Good	Fair	Poor		
			Overall	l Rating		
Average Score	1		2	3	4	5
Asset Condition	Excellent	(Good	Fair	Poor	Failing
Category	Α		В	С	D	E
		Re	marks / R	equirements		
Filter box	lia was not wo with frame n ds rehabilitat	eeds repl	acement			
Data Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 15 May 2023						
Data Checked By.	Desig	nation: Te	am Lead	Sign & Date: 15	y	

	Inte	egrated D	evelopment And A		: Plan (IDAMP)
			Municipal Cor	nmittee Jhang	
Form	ո:		Water Filtratio	on Plant	Asset Code:
IDAMP	-A4		Asset Condition A	ssessment	Date: 26-01-2023
Name			Basti Mı	ura wali	Pictures
Location	Latitud	de	31.27	6402	
Location	Longit	ude	72.30	8782	
Address			Basti Mı	ura wali	
Installatio	n Year		20	17	
Installing /	Agency		PH	ED	
O&M Agen	су		MC J	hang	
Filtration (Liter/Hou		Capacity	20	00	
Operation	al Hours	5	1	2	
No. of Tap	S		3	3	
Effluent Te	est (If A	vailable)	N	0	
Latest analysis ca	water arried o	quality ut?	Not Av	ailable	
If yes, y parameter		lab and	Not Av	ailable	
Findings of analysis?	of wate	r quality	Not Available		
In case of	ne per ich ste	rmissible eps are	Not Av	ailable	
Plant Type	<u> </u>		RO	UV	

Source of Wate	er	Local Tube	Well		blic Water Supply		
Working Status	s	Function	nal		-Functiona		
Pumping Unit		Yes		No		The state of the s	
Control Panel		Yes		No			
Service Cable		Yes			No		
Ultraviolet Lan	np	Yes			No		
Takeaway Hall		Good	Fá	air	Poor	Jhang	p, Punjab, Pakistan
Building Condition	Structure	Good	Fá	air	Poor	Lat 31.2 Long 72	l, Bhabrana Mohalla Mohalla nna, Jhang, Punjab, Pakistan 76402° 308784° 3 09:55 AM GMT +05:00
Approach to P	ump House	Good		air	Poor	Google Trius at the state of th	3.003/25 OOS-6 AM OMT +0500
Average			Overal	II Ratii			T
Score	1	2			3	4	5
Asset Condition	Excellent	God	od		Fair	Poor	Failing
Category	Α	В			С	D	E
Pipe LeVessel vFloor ne	ed		·	ements			
Data Collected By: Mr. Abdullah		Mr. Designa	tion: T	eam M	lember	Sign & Date: 15	
Data Checked E	By: Mr. M Fiaz	Designa	tion: T	eam L	ead	Sign & Date: 15	epy

Integrated Development And Asset Management Plan (IDAMP)									
			Mu	ınicipa	al Com	nmittee Jhar	ng		
Form IDAMP-			Water Filtration Plant Asset Condition Assessmen					Asset Co Date: 2	ode: 26-01-2023
	Name			Milad	Chow	k		Picture	 S
	La	titude		31.30	04880)			
Location	Lor	ngitude		72.32	22074	ļ	739		
	Address	-		Milad	Chow	k	11		111111111111111111111111111111111111111
Insta	llation Y	ear		20)13			F 0 -	
Instal	ling Age	ency		PH	HED				
0&	M Agend	:y		MC J	Jhang			Man toch	GPS Map Camera
Filtration Ca	pacity (I	_iter/Hour)		10	000			Jhang, Punjab, Pak 883C+WRR, Jhang, I	
	tional H	-		1	L2		100 mg	Lat 31.304867°	anjab, rakistan
No	of Tap	S			8		God	Long 72.322087° gle 27/01/23 10:17 AM G	MT +05:00
Effluent T	est (If A	vailable)		١	٧o				
Latest wate	er qualit		l	Not A	vailabl	е		9	2
par	which la ameters	s?		Not A	vailabl	е		d Illin	
	nalysis?	, ,	!	Not A	vailabl	е		1	
In case of above the which ste	permiss	ible limit, aken to	Not Available				Jhang, Punjab, Pa 883C+WR, Ihang, Lat 31.304919* Long 72.322125*	Punjab, Pakistan	
· ·	ant Type		RO			UV		Google 27/01/23 10:09 AM (GMT +05:00
Sour	ce of Wa	iter	Local Tu Well	ıbe		blic Water Supply			
Worl	king Sta	tus	Functio	nal		Functional		8	
Pun	nping Ur	nit	Yes			No			
Con	trol Pan	iel	Yes			No			•
Ser	vice Cab	le	Yes			No		Mg m	
Ultra	violet La	amp	Yes			No			
Takeawa	y Hall Co	ondition	Good	F	air	Poor		Jhang, Punjab, Pa 883C+WRR, Jhang,	kistan Punjab. Pakistan
Building St	ructure	Condition	Good	F	air	Poor		Lat 31.30485° Long 72.322065° Google 27/01/23 10:08 AM 0	
Approach	to Pum	p House	Good	F	air	Poor		27/01/25 10:00 AW	SW1 100.00
				0	verall	Rating			
Average Sc	ore	1		2		3		4	5
Asset Condi	tion	Excellent	(Good		Fair		Poor	Failing
Category	,	Α		В		С		D	E
			R	Remar	ks / R	equirements	s		
• Floor		al from 3 mo ehabilitation ssing	nths						
Data Collec	Data Collected By: Mr. Abdullah				tion: 1	Feam Membe	er	Sign & Date: 1	

Data Checked By: Mr. M Fiaz

Designation: Team Lead

w piller

Sign & Date: 15 May 2023

	Integrated				lanagement e Jhang	Plan (IDAMP)			
Form: Water Filtration Plant Asset Code: IDAMP-A4 Asset Condition Assessment Date: 26-01-202									
Nar	ne	M	Iohalla	Faroog	ia		ctures		
	Latitude		31.30			1 2101111111	1156 115		
Location	Longitude			25079		- 3/14/11/2			
Addr		M	lohalla	Faroog	ia	11411	H		
Installati	on Year		20	13		3/			
Installing	Agency		PH	ED		(IASTER)	The A		
O&M A	-		MC J	hang		The state of the s			
Filtration	Capacity		10	00					
(Liter/ Operation						Jha 885	ng, Punjab, Pakistan G+45C, Jhang, Punjab, Pakistan		
No. of				<u>2 </u>		Lat Long Google 27/0	31.308111° 172.325079° 1/23 10:26 AM GMT +05:00		
Effluent Test	•		Not Av			The state of the s			
Latest water qu							Comment of the Commen		
carried			Not Av	ailable					
If yes, whic	ch lab and		Not Av	ailahlo					
parame		Not /Wallable							
Findings of w			Not Av	ailable					
analy In case of any									
above the perr						OFS Map Certora			
which steps			Not Av	ailable	Jhang, Punjab, Pakistan 8856+45C, Jhang, Punjab, Pakistan Lat 31.308218*				
provide sa	fe water?					172.325091° 1/23 10:28 AM GMT +05:00			
Plant	Туре	RO		UV					
Source o	f Water	Local Tube	Well	Public Water Supply					
Working	Status	Function	ıal	Non	-Functional		10 3		
Pumpin		Yes			No	VI ST			
Control	<u> </u>	Yes			No				
Service	Cable	Yes			No				
Ultraviole	et Lamp	Yes			No				
Takeaway Ha	II Condition	Good	Fá	air	Poor		ng, Punjab, Pakistan		
Building Struct	ure Condition	Good	Fá	air	Poor	Lat Long	C+WRR, Jhang, Punjab, Pakistan 11.304849" 172.322038°		
Approach to I	Pump House	Good	Fá	air	Poor	Google 27/0	1/23 10:25 AM GMT +05:00		
				l Ratin					
Average Score	1	2			3	4	5		
Asset Condition	Excellent	Goo	od		Fair	Poor	Failing		
Category	Α	В			С	D	Е		
9 1			arks / F	Require					
	ctional as elect nembrane, gau	ricity bill was i	unpaid	<u> </u>		eplaced			

Floor needs rehabilitationTaps were missing		
Data Collected By: Mr. Abdullah	Designation: Team Member	Julsh Sign & Date: 15 May 2023
Data Checked By: Mr. M Fiaz	Designation: Team Lead	Mayfuy Sign & Date: 15 May 2023

		Davidana			and Mana	The second Discovery	
	ntegrated				mittee Jh	gement Plan (IDAMP) ang	
Form: IDAMP-A4					n Plant ssessment	Asset Coo Date: 2	_
Name		Ra	shee	d Cho	wk	Pictures	3
Location Lat	itude		31.29	90210)		
Location	gitude		72.32	28672	2	19 1	
Address		Rá	shee	d Cho	wk		
Installation Y	ear		20	17			1
Installing Age	ncy		MC J	lhang			
O&M Agend	ЗУ		MC J	lhang			
Filtration Capa (Liter/Hour			20	000		Jhang, Punjab, Paki 78RH+48V, Old Chinlot Rd, Pakistan	
Operational H	ours		1	.2		Lat 31.29021° Long 72.32867°	
No. of Taps	S		(6		Google 27/01/23 10:43 AM GMT +0	05:00
Effluent Test (If A	vailable)	No					
Latest water qu analysis carried	-	Not Available			le	CIA CIA	20.210
If yes, which la parameters		Not Available					4 11
Findings of water analysis?	quality	Not Available				0 1 4	
In case of any par above the permissi which steps are t provide safe wa	ble limit, aken to	Not Available			le	Jhang, Punjab, Pak Samurah (Au Chana Ru Samo, Pakan Google 22 20 20 20 20 20 20 20 20 20 20 20 20	Jhang, Pu صدر را
Plant Type	<u>)</u>	RO			UV	27(0)23 (0-43 ANIGM) +1	.05.00
Source of Wa	ter	Local Tu Well	npe		olic Water Supply		- Control of the cont
Working Stat	tus	Functio	nal	Fu	Non- nctional	1000	
Pumping Unit		Yes			No		
Control Panel		Yes			No		
Service Cab	le	Yes			No		10
Ultraviolet La	Ultraviolet Lamp				No		E OFFI
Takeaway Hall Co	ndition	Good	Fa	air	Poor	Jhang, Punjab, Pak 7881+1243, Old Chiniol Rd Punjab 35200, Pakistan	kistan ال صدر را Jhang,
Building Structure	Condition	Good	Fa	air	Poor	Google Lat 31.290107" Long 72.328592* 27/01/23 10:40 AM GMT +1	05:00
Approach to Pum	p House	Good	F	air	Poor		







	Overall Rating										
Average Score	rage Score 1 2 3 4										
Asset Condition	et Excellent Good Fair		Poor	Failing							
Category	Α	В	С	D	E						
		Remarks / R	Requirements								
Replace dFilter MedFloor need	 Replace dosing pump, electric breaker and entire panel board Filter Media was not working Floor needs rehabilitation Taps were missing 										
Data Collected I	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						

	Integra	ed Development And A Municipal Co	Asset Management Pl mmittee Jhang	an (IDAMP)
Form:	*	Water Filtration Asset Condition A		Asset Code: Date: 26-01-20
Name		Lari	Adda	Pictures
Location	Latitude	31.28	88780	
Location	Longitude	72.32	24340	Tr
Address		Lari	Adda	
Installation \	/ear	20)17	
Installing Ag	ency	PH	HED	
O&M Agency	•	MC J	Jhang	
Filtration (Liter/Hour)	Capacit	20	000	
Operational	Hours	1	12	Jhang Sadar, Punjab, Pakisan Old Chrick HJ, Merzi Fura, Jhang Seddur, Jhang,
No. of Taps			8	Printel, 700/0-103, field Recool Furs. Uning Social; ####################################
Effluent Test	t (If Available)	N	No.	27/9/23 19/49 AR UKR 110/00
Latest wate carried out?	r quality analysi	Not Av	vailable	
If yes, very parameters?	which lab an	Not A	vailable	
Findings of analysis?	f water qualit	Not Av	vailable	
the permiss	y parameter abov sible limit, whic een to provide saf	h Not A	vailable	Jhang Sadar, Punjab Pakukhan Od Christ Mari Anu, Jing Sadar, Aku, Print, 2004 (ch.), berli Basol Rus Jing Sadar, 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Plant Type		RO	UV	Google 27(01/23 10/47 AM GMT +05:00
Source of Wa	ater	Local Tube Well	Public Water Supply	
Working Stat	tus	Functional	Non-Functional	

Pumping Unit	Yes			No		
Control Panel	Yes			No		
Service Cable	Yes			No		
Ultraviolet Lamp	Yes			No		
Takeaway Hall Condition	Good	Fair		Poor		
Building Structure Condition	Good	Fa	air	Poor		
Approach to Pump House	Good	Fa	air	Poor		
Overall Rating						



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

Remarks / Requirements

- Tank Leakage
- Door was missing
- 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 P	lan (IDAMP)
			Municipal Committee Jhang	
Forn IDAMP			Water Filtration Plant Asset Condition Assessment	Asset Code: Date: 26-01-2023
Name			Faisalabad Jalalabad	Pictures
Location	Latitude	è	31.280209	
Location	Longitu	de	72.329305	
Address			Faisalabad Jalalabad	TOTAL STATE OF THE PARTY OF THE
Installation	Year		2006	
Installing A	gency		C&W	
O&M Agend	у		MC Jhang	
Filtration (Liter/Hour	.)	Capacity	2000	
Operationa	l Hours		12	The state of the s
No. of Taps	;		8	Jhang Sadar, Punjab, Pakistan 7884+WBF, Jadabad Jhang Sadar, Jhang,
Effluent Test (If Available)		ilable)	No	Punjak, Pakistan Lat 31.250152* Ung 72.320493* 2701012.31115 AM GMT +05:50
Latest water quality analysis carried out?		/ analysis	Not Available	CPORES THIS AN UMI 49/500
If yes, parameters	_	lab and	Not Available	

Findings of water quality analysis?	Not Available				
In case of any parameter above the permissible limit, which steps are taken to provide safe water?		Not Available			
Plant Type	RO			UV	
Source of Water	Local Tube	Well	Pu	blic Water Supply	
Working Status	Function	al	Non	-Functional	
Pumping Unit	Yes		No		
Control Panel	Yes		No		
Service Cable	Yes		No		
Ultraviolet Lamp	Yes		No		
Takeaway Hall Condition	Good	Fä	air	Poor	
Building Structure Condition	Good	Fá	air	Poor	
Approach to Pump House	Good	Fair		Poor	
		_	II Datin		





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

- Remarks / Requirements

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

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

Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang Water Filtration Plant Form: **Asset Code:** Date: 26-01-2023 IDAMP-A4 **Asset Condition Assessment** Jalalabad Yusuf Bhatta Name **Pictures** Latitude 31.283963 Location Longitude 72.327742 **Address** Jalalabad Yusuf Bhatta Installation Year 2013 Installing Agency PHED O&M Agency MC Jhang Filtration Capacity 2000 (Liter/Hour) Operational Hours 12 No. of Taps 8 Effluent Test (If Available) No Latest water quality analysis Not Available carried out? ves, which lab Not Available parameters? Findings of water quality Not Available analysis? In case of any parameter above the permissible limit, Not Available which steps are taken to provide safe water? Plant Type RO UΥ Public Water Local Tube Well Source of 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 Fair Good Poor Fair **Building Structure Condition** Good Poor Approach to Pump House Good Fair Poor **Overall Rating** Average Score 2 3 4 5 1 Excellent Fair Failing Asset Condition Good Poor C Category Α В D E Remarks / Requirements

- Sewage is disturbing its building and whole filtration plant is submerged into waste water. In fact, whole Mohalla is suffering from waste water .so replacement of old lived sewers should be done first.
- Whole building needs rehabilitation
- Whole machinery needs to be replaced

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

Integrated Development And Asset Management Plan (IDAMP)								
	Municipal Committee Jhang							
Form IDAMP-			Water Asset Con	Filtratio dition A				Code: ate: 26-01-2023
Name				Shadab	Colon	V	Pi	ctures
	Latit	ude			33958	,		
Location	Long	itude		72.32	27682			
Address			Jail I	Road Sh	adab (Colony		J 3.02
Installation	Year				17	<u>, , , , , , , , , , , , , , , , , , , </u>		
Installing Ad	gency	,	Bui	Idings D	epartr	nent	I to the same	2 4 6
O&M Agenc					hang			
Filtration	<u>. </u>	Capacity						11-1
(Liter/Hour)			20	00		Jhar	ing Sadar, Punjab, Pakistan
Operational	Hour	·s		1	2		DEW// Sedar Let 31	N WALI: 78MH+86C, Jialabad Jhang Jhang, Punjab, Pakistan .283958°
No. of Taps				8	3		Google 27/01	72.327682* 23 11:55 AM GMT +05:00
Effluent Tes	st (If A	Available)		N	lo			
Latest wate carried out?		lity analysis	Not Available					
If yes, v parameters	vhich ?	lab and	Not Available					
Findings of analysis?	f wa	ter quality	Not Available					
above the p	permi s are	parameter ssible limit, e taken to er?	Not Available			DEW/ Sedar Let 31	rg Sadar, Purjah, Pakistan Vindukhan Haring, Jabasah Jawag Jamag Pagah, Pakistan Yang Pagah, Pakistan Yang Pagah, Pakistan Zangar	
Plant Type			RO			UV		
Source of W	/ater		Local Tub	e Well	Pu	blic Water Supply		1
Working Sta	atus		Functio	nal	Non	-Functional		
Pumping Un	Pumping Unit		Yes			No		
Control Panel		Yes			No		T M	
Service Cab	le		Yes			No		
Ultraviolet I	Ultraviolet Lamp		Yes			No		
Takeaway H			Good Fair Poor		Jhar	ng, Punjab, Pakistan -XX3, Kachehry Rdy thang, Punjab		
Building Structure Condition		Good Fair Poor		Long	0, Pakistan 272741* 72.325769*			
Approach to			Good Fair Poor		Google 27/01	23 11:58 AM GMT +05:00		
				Overal	II Ratir	ng		
Average Sc	ore	1	2	2		3	4	5
Asset Condition	Asset Excellent		Go	Good Fair		Poor	Failing	

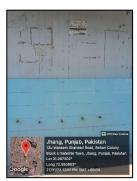
Category	Category A		С	D	E				
	Remarks / Requirements								
 Pipe Leakage Vessel not working Floor needs rehabilitation Taps were missing 									
Data Collected B	By: Mr. Abdullah	Designation: Tea	nm Member	Sign & Date: 15	Sh May 2023				
Data Checked By	y: Mr. M Fiaz	Designation: Tea	nm Lead	Sign & Date: 15	May 2023				

	ln [.]	tegrated [Plan (IDAMP)
			Municip	oal Coi	nmitte	e Jhang	
Forn IDAMP			Water F Asset Cond				Asset C Dat
Name			E	3ehari	Colony	/	Pict
1 11	Latitud	de		31.26	7302		
Location	Longit	ude		72.30)5853		
Address			E	3ehari	Colony	/	
Installatio	n Year			20	13		
Installing /	Agency			PH	ED		1
O&M Agen	су			MC J	hang		
Filtration (Liter/Hou	ır)	Capacity		10	00		
Operation	al Hours	;		1	2		1111
No. of Tap	S		8				
Effluent To	est (If A	vailable)	No				
	water	quality	Not Available			Naya Si 7902-vap.	
analysis ca				INOL AV	anabic		Satelite To Lat 312873 Long 72.350 27/01/23 12
If yes, parameter	-	lab and		Not Av	ailable	1	Soogle
Findings of analysis?	of wate	r quality		Not Available			
In case of above t limit, whic to provide	he pe h steps	rmissible are taken	Not Available			L	
Plant Type	<u>;</u>		RO			UV	
Source of	Water		Local Tube Well Public Water Supply			Jhang, 12u Waseo Block U Sa	
Working S	tatus		Functional		Non-	Functional	Google 27/01/23 1
Pumping U	Jnit		Yes			No	
Control Pa	nel		Yes			No	
Service Ca	ble		Yes		No		
Ultraviolet	Lamp		Yes			No	
Takeaway	Hall Co	ndition	Good	Fa	air	Poor	



Asset Code: _

Pictures



Building Condition	Structure	Good	Fair	Poor		ALL
Approach to Pump House		Good	Fair	Poor	Change 17 to 18 to	P. Puniab, Pakistan Ten Cidory Besk U Stantile Town, unjob, pakistan Story Stantile Town, Stantile Story Stantile
			Overall Ratir	ng		
Average Score	1	2		3	4	5
Asset Condition	Excellent	God	Good Fair		Poor	Failing
Category	Α	В		С	D	E
		Rema	arks / Requir	ements		
Bore clo RO mac		e pump, Do	- , .	Panel Boar	d, Bib Cork needs	s replacement
Data Collected I	Designation: Team Member			Julsh Sign & Date: 15 May 2023		
Data Checked B	Designat	tion: Team Le	ead	Sign & Date: 15	thy .	

	Integrated Development And Asset Management Plan (IDAMP)							
	Municipal Committee Jhang							
Form: IDAMP-A4			Water Filtration Plant Asset Condition Assessment	Asset Code: Date: 26-01-2023				
Name			Sadiqabad	Pictures				
Location	Latitud	de	31.250046					
Location	Longit	ude	72.353806					
Address			Sadiqabad, Satellite Town					
Installation	n Year		2017					
Installing A	Agency		PHED					
O&M Agen	су		MC Jhang					
Filtration (Liter/Hou	r)	Capacity	2000	Jhang, Punjab, Pakistan 7923+59R, Kufri Jhang, Punjab, Pakistan				
Operational Hours			12	Lat 31.250107°				
No. of Taps			8	Jong 72.353752° 27/01/23 01:26 PM GMT +05:00				
Effluent Test (If Available)		vailable)	No					
Latest water quality analysis carried out?			Not Available					

If yes, which parameters?	lab and	N	lot Av	ailab	le		91	
Findings of water analysis?	er quality	Not Available						
In case of any pabove the permission which steps are provide safe water	sible limit, taken to	N	lot Av	ailab	le			
Plant Type		RO			UV		Naya Shehar, Pu 69X3+WPF, Baste Roa Jhang, Punjab, Pakista	njab, Pakistan d, Naya Shehar, n
Source of Water		Local Tu Well			olic Water Supply		Lat 31.250.48* Long 72.353808* 27/01/23 01:23 PM GM	IT +05:00
Working Status		Functio	nal	Fu	Non- Inctional			
Pumping Unit		Yes			No		Water-Tests	
Control Panel		Yes			No		Note:	intle
Service Cable		Yes			No			
Ultraviolet Lamp		Yes			No		A MERCENT	
Takeaway Hall Co		Good	Fa	air	Poor		I III	OP'S Map Corners
Building Condition	Structure	Good	Fa	air	Poor		Naya Shehar, PU 0633+WPF, Baste Roa Janang, Punjab, Pasteta Lati 31.250023* Long 72.353798* 2704/20 720 520 MA	njab, Pakistan d, Naya Shehar, n
Approach to Pum	p House	Good	Fa	air	Poor		A (UI) AU (UI) AU (UI) AU	11 +0500
			Ov	erall	Rating			
Average Score	1		2		3		4	5
Asset Condition	Excellent	: 0	Good		Fair		Poor	Failing
Category	Α		В		С		D	Е
					equiremen			
 new bore r 	•	•	fly val	lve, g	jolden pum	ip nee	ds replacement	
Data Collected By: Mr. Abdullah		ah Designation: Team Member			r	Jul Sign & Date: 15		
Data Checked By: Mr. M Fiaz		Desigi	nation	n: Teá	am Lead		Sign & Date: 15	hy

	Integrated Development And Asset Management Plan (IDAMP)							
	Municipal Committee Jhang							
Forr IDAMF			Water Filtration Plant Asset Condition Assessment	Asset Code: Date: 26-01-2023				
Name			Rulay Shah	Pictures				
Location	Latitud	le	31.262771					
Location	Longit	ıde	72.300108					
Address			Qabristan Rulay Shah					
Installation Year			2017					
Installing A	Agency		PHED					

O&M Agency			MC J	hang			
Filtration				00	1	1	
(Liter/Hour)		1	2		100 m	100 (100 mm) 100 mm (100 mm) 100 mm) 100 mm (100 mm) 100 mm (100 mm) 100 mm) 1	
Operational Ho	urs						
No. of Taps	F Avrailable)	8 Na				4	
Effluent Test (If		No					4 p 5 c
analysis carried	, ,		Not Av	ailable	à	Jhang S	Sadar, Punjab, Pakistan عرشه فيومصد رود , Sadar, Punjab, عرشه فيومصد رود , Sadar, Jhang, Punjab,
If yes, which parameters?			Not Av	ailable	2	Google Lat 31.22 Coogle 27/01/23	52776* 300202* 101:58 PM GMT +05:00
Findings of war analysis?	ater quality		Not Av	ailable)		
In case of any above the perm which steps a provide safe wa	issible limit, re taken to		Not Av	ailable			
Plant Type		RO			UV		
Source of Wate	r	Local Tube	Well		blic Water Supply	Jhang shang	Sadar, Punjab, Pakistan مرتب المهارية المناطقة
Working Status		Function	nal	Non	-Functiona	Google Lat 81.76 Long 72.	52581* 300276* 01:58 PM GMT +05:00
Pumping Unit		Yes			No		
Control Panel		Yes			No		
Service Cable		Yes No					
Ultraviolet Lam	р	Yes No					
Takeaway Hall		Good	Good Fair Poor				
Building Condition	Structure	Good Fair Poor					
Approach to Pu	mp House	Good	Fá	air	Poor	Jhang Jawa S Let 31.2. Cogle Let 31.2. 22/00/22	Sadar, Punjab, Pakistan satu, Jang, Punjab, Jangar Jangar Pakistan 200306* 00557 PM GMT +05:00
			Overal	l Ratir	ng		
Average Score	1	2			3	4	5
Asset Condition	Excellent	God	od		Fair	Poor	Failing
Category	Α	В			С	D	Е
 Floor ne 	ne, pressure p eds rehabilita re missing	oump, panel			<mark>ements</mark> replacemer	nt,	
Data Collected By: Mr. Abdulla		ah Designat	ah Designation: Team Member		Sign & Pate: 15		
Data Checked B	y: Mr. M Fiaz	Designat	ion: Te	am Le	ad	Sign & Date: 15 May 2023 Sign & Date: 15 May 2023	
<u> </u>							· · · · · · · · · · · · · · · · · · ·

D.	Water Supply Netwo	rk				
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

In	tegrated De	velopment A	nd Asset Mana	gement Plan (l	IDAMP)			
	Municipal Committee Jhang							
Form: IDAMP-A5		r Supply Netv			Asset Co Date	de: : 26-01-2023		
Descrip	tion	Area (Acres	Area (Acres) (Acres) w.r.t MC Boundary			Percentage w.r.t Built- up Area		
Served		639		6		11		
Contaminat		-	10,045	-	5621			
Water Short	-	-		-	3021			
Unserved	d Area	4,982		49		89		
Latest water que carried out for netwo	community		Yes			No		
If yes, which			Not Available	<u> </u>				
Findings of wa			Not Available					
analys	is?			NOL AVAIIADIE				
In case of any par the permissible li which steps are to safe drinking v consum	mit of PEQS aken to prov vater to the	is,	Not Available					
Any complain contamination rec	eived from	the	Yes			No		
If yes, which steps resolve the co		n to		Not Available	è			
Pipe Dia (inches)	Pipe Material	Length (ft)	Yea	Α	age of Pipe			
3	-	-		-		-		
4	A.C	800	800 1986 37 Years					
6	A.C	6150						
8	A.C	2200	2200 1986 37 Years					
10	A.C	900						
12	A.C	1500	1	1986		37 Years		
			s / Requireme	nts				
As per bench mark Pipes had out lived their life.								

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

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

Int	Integrated Development and Asset Management Plan (IDAMP)								
	- y	Municipal Committee Jhan							
Form:		Moveable Asset	Asset Code:						
IDAMP-A16		Asset Condition Assessment	Date: 27-03-2023						
Type of Vehicle	/	Pictu	ıres						
Machinery									
Water Bowser									
		Water Bowser No.1	Water Bowser No. 2						
Capacity		500 gallons	500 gallons						
Purpose		Water Supply	Water Supply						
Year of Manufactur	ring	2006	2006						
Model		FIAT NH 640	FIAT NH 640						
Capital Cost		Not Available	Not Available						
Fuel Consump	tion	200	00						
(Liters/month)		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									

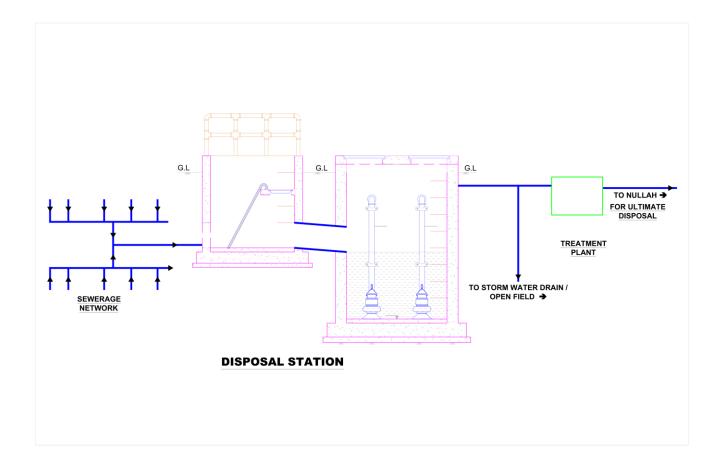
Integrated Development and Asset Management Plan (IDAMP) (2023-24, 2024-25, 2025-26) Municipal Committee Jhang

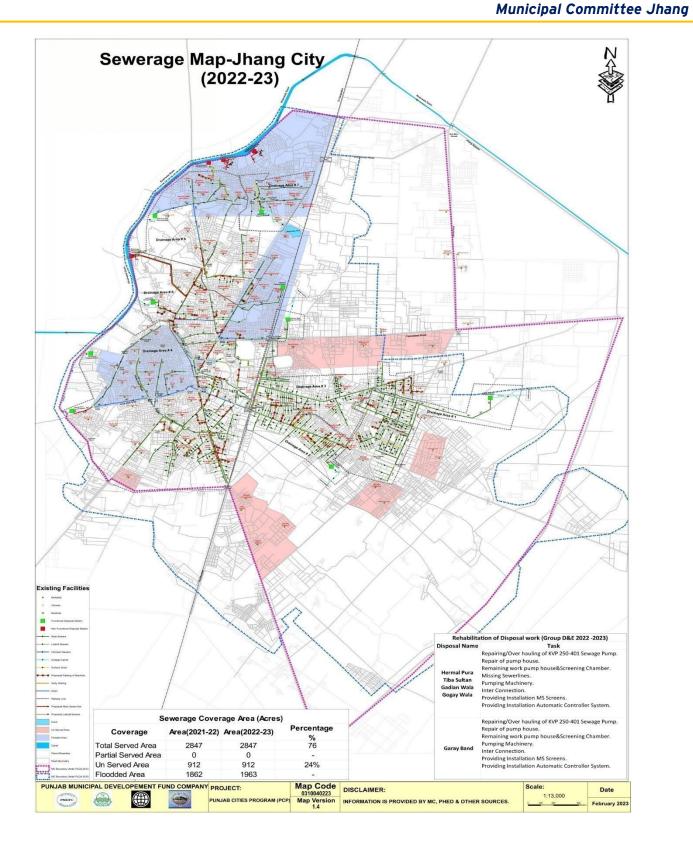
Annexure

Data Checked By: Mr. M Fiaz	Designation: Team Lead	Mayby
		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	
12	12"	324			0.08	RCC
13	15"	153			0.05	
14	18"	317			0.11	
15	21"	147			0.06	
16	24"	146			0.08	
17	27"	148			0.11	
18	30"	297			0.28	
20	12"	185			0.05	
21	15"	293			0.09	
22	18"	194			0.07	
23	9"	2,847	0.5		0.05	
25 26	15" 18"	589 551	38	Failing	0.04	

Sr #	Dia	Length (meter)	Age (Years)	Condition	Book Value (PKR Mil)	Material
27	21"	1,573			0.04	
28	24"	1,024			0.045	
29	27"	488			0.01	
30	30"	1,053			0.01	
31	9"	6,247			1.53	
32	12"	2,573			0.72	
33	15"	2,807			0.96	
34	18"	1,494			0.56	
35	21"	1,639			0.78	
36	24"	384	8	Excellent	0.22	
37	27"	213			0.17	
38	30"	958			0.98	
39	33"	1,413			1.68	
40	36"	1,009			1.33	
41	42"	2,076			3.55	
44	15"	604			0	
45	18"	619			0	
46	21"	605	47	Failing	0	
47	24"	296			0	
48	27"	968			0	
49	9"	317			0.00	
51	15"	80			0.00	
52	18"	944			0.01	
54	24"	374	31	Failing	0.00	
55	27"	285			0.00	
57	33"	718			0.01	
58	36"	1181			0.03	

Sr #	Dia	Length (meter)	Age (Years)	Condition	Book Value (PKR Mil)	Material
59	42"	325			0.01	
60	9"	7,181			1.01	
61	12"	6,234			0.99	
62	15"	7,573			1.48	
63	18"	3,255			0.69	
64	21"	4,073			1.11	
65	24"	4,383	17	Fair	1.43	
66	27"	2,767			1.25	
67	30"	392			0.23	
68	33"	387			0.26	
69	36"	1,914			1.44	
70	42"	1,453			1.42	
71	9"	12,956			0.05	
72	12"	1,347			0.01	
73	15"	645			0.00	
74	18"	320	31	Failing	0.00	
75	21"	318			0.00	
76	24"	410			0.00	
77	27"	612			0.01	
78	9"	10,406			0	
79	12"	2,351	40	F-10-	0	
80	15"	1,053	48	Failing	0	
81	18"	833			0	
82	9"	4,158			0.13	
83	12"	174	19	Fair	0.01	
84	15"	237			0.01	

Sr #	Dia	Length (meter)	Age (Years)	Condition	Book Value (PKR Mil)	Material
85	9"	1,279			0.02	
86	12"	754			0.01	
87	15"	1,258			0.02	
			28	Failing		
88	18"	660			0.01	
89	21"	324			0.01	
90	24"	1,374			0.04	

Integrated Development And Asset Management Plan (IDAMP)								
	Municipal Committee Jhang							
Form:		Sewerage N		Asset Code:				
IDAMP-A6	A:	sset Condition	Assessmen	<u>t </u>	Dat	e: 26-01-2023		
Description		Area (Acres)	Area Percent (Acres) ge w.r.t w.r.t MC MC Boundary Boundar		Built-up Area (Acres)	ge w.r.t		
Serve	d Area	2,847		28		50		
Floode	d Area	1,863	10,045	20	5,621	33		
Unserv	ed Area	912		9		17		
complaints re regarding sew	number of eceived to MC erage system? ered by MC to			300/Month	1			
,	complaints			Not Availab	le			
	osal Station	Goghaywala						
Pipe Dia	Pipe	Gogilaywaid	No.	o f	Year of			
(inches)	Material	Length (ft)	Manho	-	Laying	Age of Pipe		
9	RCC	2,584	52		014-16	7-9 Years		
12	RCC	2,202	22	. 2	014-16	7-9 Years		
15	RCC	1,795	12	. 2	014-16	7-9 Years		
18	RCC	1,209	6	2	014-16	7-9 Years		
21	RCC	996	4	2	014-16	7-9 Years		
24	RCC	834	3	2	014-16	7-9 Years		
27	RCC	788	3	2	014-16	7-9 Years		
30	RCC	1,307	4		014-16	7-9 Years		
33	RCC	718	2		014-16	7-9 Years		
36	RCC	3,309	11	. 2	014-16	7-9 Years		
Name of Disp	oosal Station	New Gadian	wala					
Pipe Dia (inches)	Pipe Material	Length (ft)	No. Manho		Year of Laying	Age of Pipe		
9	-	-	-		-	-		
12	RCC	1,064	11	. 2	014-16	7-9 Years		

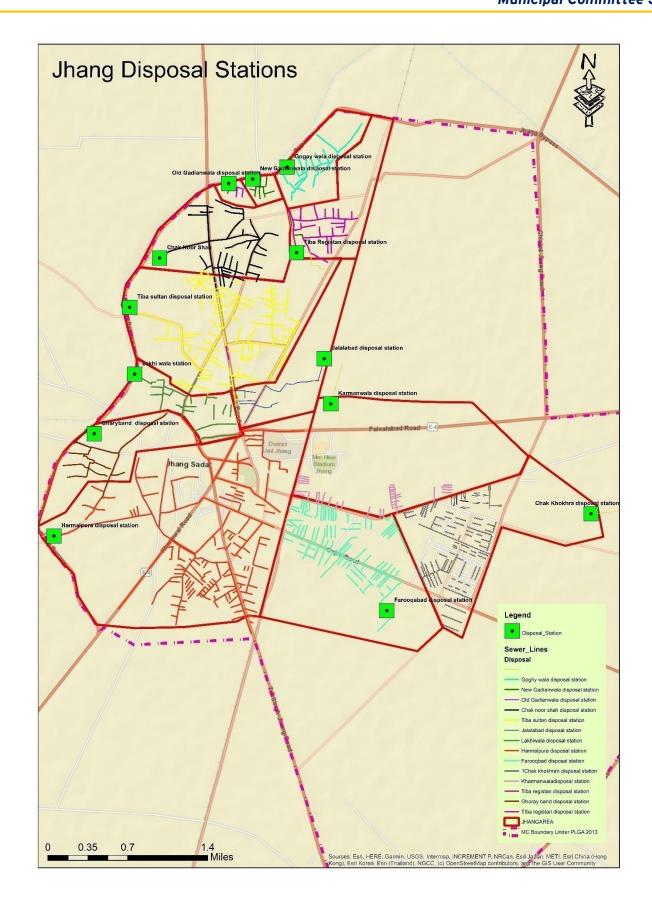
Integrated Development And Asset Management Plan (IDAMP)									
	Municipal Committee Jhang								
Form:		Sewerage Net			Asset Code:				
IDAMP-A6		sset Condition As			te: 26-01-2023				
15	RCC	501	3	2014-16	7-9 Years				
18 21	RCC	1,040	5 2	2014-16	7-9 Years				
24	RCC RCC	481 478	2	2014-16 2014-16	7-9 Years 7-9 Years				
27	RCC	487	2	2014-16	7-9 Years				
30	RCC	976	3	2014-16	7-9 Years				
	oosal Station	Old Gadianwa	_	2014 10	1 9 Teals				
Pipe Dia	Pipe	Old Gadialiwa	No. of	Year of					
(inches)	Material	Length (ft)	Manholes	Laying	Age of Pipe				
9	-	-	-	- Laying	-				
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				
	oosal Station	Chak Noor Sh		201110	1 7 1 6 4 1 5				
Pipe Dia	Pipe		No. of	Year of					
(inches)	Material	Length (ft)	Manholes	Laying	Age of Pipe				
9	RCC	9,342	187	1985-86	37-38 Years				
12	-	-	-	-	-				
15	RCC	1,934	13	1985-86	37-38 Years				
18	RCC	1,807	9	1985-86	37-38 Years				
21	RCC	5,161	21	1985-86	37-38 Years				
24	RCC	3,361	13	1985-86	37-38 Years				
27	RCC	1,601	5	1985-86	37-38 Years				
30	RCC	3,456	12	1985-86	37-38 Years				
Name of Dis	oosal Station	Tiba Sultan							
Pipe Dia	Pipe	Length (ft)	No. of	Year of	Age of Pipe				
(inches)	Material		Manholes	Laying					
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				
36	RCC	3,312	11	2015-16	7-8 Years				
42	RCC	6,811	23	2015-16	7-8 Years				
	oosal Station	Harmalpur							
Pipe Dia	Pipe	Length (ft)	No. of	Year of	Age of Pipe				
(inches)	Material		Manholes	Laying	, ,				
9 12	-	-		-	-				
	PCC	1 002	12	1076 77	16-17 Voors				
15	RCC	1,982	13	1976-77	46-47 Years				
18 21	RCC	2,031	10	1976-77	46-47 Years				
24	RCC RCC	1,985 972	8 4	1976-77 1976-77	46-47 Years 46-47 Years				
27	RCC	3,175	11	1976-77	46-47 Years				
	posal Station	Lakhiwala	11	T210-11	40-41 18d15				
		Lakiliwala							

Integrated Development And Asset Management Plan (IDAMP)							
			nmittee Jhang				
Form:		Sewerage Net	work	Asset	Cada		
IDAMP-A6	A	sset Condition As			te: 26-01-2023		
Pipe Dia	Pipe		No. of	Year of			
(inches)	Material	Length (ft)	Manholes	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		
	oosal Station	Gharyband					
Pipe Dia	Pipe	Length (ft)	No. of	Year of	Age of Pipe		
(inches)	Material	_	Manholes	Laying	,		
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		
Name of Disp	oosal Station	Farooqabad					
Pipe Dia	Pipe	Longth (ft)	No. of	Year of	Ago of Dina		
(inches)	Material	Length (ft)	Manholes	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		
27	RCC	2,007	7	1992-93	30-31 Years		
Name of Disp	oosal Station	Chak Khokhra	ın				
Pipe Dia	Pipe	Length (ft)	No. of	Year of	Age of Pipe		
(inches)	Material	Length (11)	Manholes	Laying	Age of Pipe		
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	Pipe	Longth (ft)	No. of	Year of	Ago of Dino		
(inches)	Material	Length (ft)	Manholes	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		

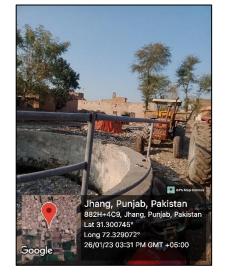
Integrated Development And Asset Management Plan (IDAMP)								
	Municipal Committee Jhang							
Form: IDAMP-A6	A	Sewerage Net	Asset Code: Date: 26-01-2023					
Name of Disp	osal Station	Tiba Registan						
Pipe Dia (inches)	Pipe Material	Length (ft)	No. of Manholes	Year of Laying	Age of Pipe			
9	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					
 No remark 	S							
Data Collecto Abdullah	ed By: Mr.	Designation: Team Member		Julih Sign & Date: 15 May 2023				
Data Checked E	By: Mr. M Fiaz	Designation: Te	am Lead	Sign & Date: 1	447 5 May 2023			

A. Disposal Station

C-		Age (Ye	ars)			Book	Nos.	Discharge	Matar	D	Motor
Sr #	Name	Civil Structure	Pump	Condition	Status	Value (PKR Mil)	of pump	Each	Motor hp	Pump Make	Make Make
1	Tibba Registan	21	21	Poor	Functional	1.6	2	2	30	KSB	Siemens
2	Goghaywala	Under Construction	Not Available	Failing	Non- Functional	Not Available	2	5	50	KSB	Siemens
3	New Gadianwala	19	19	Failing	Non- Functional	0.9	2	3	40	KSB	Siemens
4	Old Gadianwala	43	Not Available	Poor	Non- Functional	Not Available	1	0.5	20	Master Pump	TECHO
5	Noor Shah	37	37	Fair	Functional	1.9	3	5	60	KSB	KSB
6	Tibba Sultan	Before Partition	Not Available	Fair	Functional	Not Available	2	5	50	KSB	Siemens
7	Lakhi Wala	31	31	Fair	Functional	1.56	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	0.4	2	3	40	KSB	Siemens
10	Khokhran Disposal	19	19	Fair	Functional	1.2	3	(5,6,6)	75	KSB	Siemens
11	Islam Nagar	8	8	Poor	Functional	0.2	1	0.5	30	BECO	BECO
12	Karmanwala Town	15	15	Fair	Functional	0.5	2	5	25	KSB	Siemens



	Integrated Dev	velonment	And Ass	et Manage	ment Plan (IDAMP)			
	integrated De			nittee Jhar				
					•			
Form:	Sewera	Sewerage Disposal Station						
IDAMP-A7	Asset Co	Asset Condition Assessment						
	Asset D	etail			Pictu			
Name			ba Regis					
Location	Latitude		31.3002					
	Longitude		72.3289					
Address		Tik	ba Regis	tan				
Area (Acres)			0.5					
Installation Ye	ear		2002	M				
Capital Cost	Dia	6	Million P	'Kr				
Outfall Drain Sewer	Dia Material		RCC					
Sewei	No. of		RCC					
	Screens		1					
Screening	Screen							
Chamber	Condition	Good	Fair	Poor				
	Chamber							
	Structure		Masonry	1				
	Number		2		in the same of the			
	Shape	Rectang	ular	Circular				
Wet Wells	Size		20′					
	Structure	Masoni	ry	RCC	Jhang, F 882H+4C9			
	Railing	Yes		No	Lat 31.3007 Long 72.32			
	No. of				Google 26/01/23 0			
	Delivery Pipes							
Fana Mata	Dia							
Force Main	Material Starting Point	INC	Force M					
	Ending Point							
	Length							
	Size		2.5'x3'					
Sullage	Shape	Rectangular						
Carrier	Length		350'	<u> </u>				
	Condition	Good	Fair	Poor	Jhung, Panjoh, Pikistan 8020-7044, Jiang, Rusjah, Pakistan			
D - (' D'	Dia		6"		Google 22/01/23 06 28 PM 6MT - 06/00			
Delivery Pipe	Material		C.I					
Suction Pipe	Dia		6"					
Suction Pipe	Material		C.I		AND AND AND			
	Sluice Valves		4					
Number of	Non-Return		2					
Valves	vaives							
	Penstock		1					
Illtimate Diese	Valves	14/	to Mata:	Dond				
Ultimate Disposal Civil Structure Condition		Good	te Water Fair	Pona	hotel Could's Herry Parish, Patient Let 8:300246* Let 9:300246* Let 9:300044*			
Control Room Structure		Good	Fair	Poor	200022 022 PM NH 10000			
Discharge Box Structure		Good	Fair	Poor				
Approach to Pump House		Good	Fair	Poor				
Hoisting Girde		Yes	, an	No				
Boundary Wal		Yes		No				
Treatment of		Yes		No				
		1 103		-110	I			



Asset Code: _

Pictures









	Integrated Development And Asset Management Plan (IDAMP)							
	Municipal Committee Jhang							
Form: IDAMP-A7		ge Disposa ondition As					Asset Coc Date:	le: 26-01-2023
Wastewater d m3/day? (based o information at	4769							
Ultimate wastewater?	disposal of	Wast	e W	ater Pond				
Ele	ctro-Mechanical I	Equipment	Deta	ails				
Number of WA	APDA Feeders			2				
Transformer C	Capacity (kVA)		100	, 100				
Number of MC	:U			2				
Sanctioned Lo	ad (kw)			15				
Power Facto Equipment	r Improvement	Yes		No				
Service Cable		Yes		No				
Power Wiring		Yes		No				
Earthing of Mo	otor	Yes		No				
Earthing of MO	CU	Yes	s No					
Generator Ava	ailability	Yes		No				
Light Wiring o	f Pump House	Yes		No				
Change Over		Yes		No				
			Pun	np Detail				
			Pu	mp A			Pump B	
Pump Type		Centrifugal/ Non-Clogging			Centrif	Centrifugal/ Non-Clogging		
Pump Brand		KSB		KSB				
Pump Paint		Good Fair Poor		Good	Fair	Poor		
Motor Brand		Siemens		Siemens				
Installation Ye		2002		2002				
	acity (Cusecs)			2	2			
Rotational Spe	eed (RPM)			960			960	
Head (ft.)				40			40	
Motor Power (30			30	
Pump Daily (Hours)	Running Time	12				16		
Base Plate		Yes		No		Yes		No
Number of	Sluice Valve	ce Valve				4		
Valves	Non-Returning Valve					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 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.

	Integrated Development And Asset Management Plan (IDAMP)							
	Municipal Committee Jhang							
Form: Sewerage Disposal Station Asset Code:								
 Prope 	r arrangement for o	disposing off sludge is required.						
Data Collected	d By: Mr. Abdullah	Designation: Team Member	Jutop					
			Sign & Date: 15 May 2023					
Data Checked	By: Mr. M Fiaz	Designation: Team Lead	Maypy					
			Sign & Date: 15 May 2023					

	Internated Day		A1	A	4 Managa	The state of the s		
	Integrated Development And Asset Management Plan (IDAMP)							
Municipal Committee Jhang								
Form:		age Disposal Station				Asset Code: Date: 26-01-2023		
IDAMP-A7		ondition As	sess	men	t			
Name	Asset D		oaba		la.	Pictures		
Name	Latitude		iogha	•				
Location			31.31					
Address	Longitude		2.32					
Area (Acres)		G	ogha 0.	•	ld	PC1 for Rehabilitation has been		
Installation Yea		l le de			iction	submitted, the information		
	ar					filled in the proforma taken		
Capital Cost Outfall Drain	Dia	Not Available 36"				from PC1		
Sewer	Material	RCC						
Jewei	No. of Screens	1						
Screening	Screen Condition	Good Fair Poor		Poor				
Chamber	Chamber Structure	Masonry						
	Number		- 2	2		West Control of the C		
	Shape	Rectang	ılar	C	Circular			
Wet Wells	Size		2					
	Structure	Masoni	ry		RCC			
	Railing	Yes			No			
	No. of Delivery Pipes					Jhang, Punjab, Pakistan Bypass Rd, Jhang, Punjab, Pakistan		
	Dia					Long 72.326068°		
Force Main	Material	No	For	ce Ma	ain	Google 26/01/23 04:04 PM GMT +05:00		
	Starting Point							
	Ending Point							
	Length							
Sullage	Size		2.5					
Carrier	Shape	R	ecta:	ngula	ar			

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 Length Condition Good Fair Poor Dia **Delivery Pipe** Material Dia **Suction Pipe** Material Sluice Valves Non-Return Number of Valves Valves Penstock Valves **Ultimate Disposal** Khairanwala Drain **Civil Structure Condition** Fair Good Poor **Control Room Structure** Good Fair Poor Discharge Box Structure Good Fair Poor Poor Approach to Pump House Good Fair **Hoisting Girder** Yes No Boundary Wall & Gate Yes No Treatment of Sewage Yes No Wastewater daily discharge in m3/day? Not Available (based available on information at MC) Ultimate disposal 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 Service Cable Yes No Power Wiring Yes No Earthing of Motor Yes No Yes Earthing of MCU 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** Not Installed yet Installation Year of Pump Discharge Capacity (Cusecs) Rotational Speed (RPM) Head (ft.)

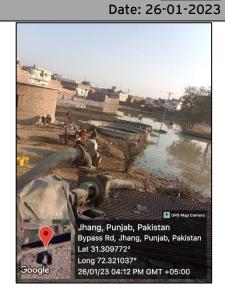
Integrated Development And Asset Management Plan (IDAMP)							
Municipal Committee Jhang							
Form: IDAMP-A7		ge Disposal Station Asset Code: ondition Assessment Date: 26-01-2023					
Motor Power (HP) Pump Daily Running Time (Hours)							
Base Plate		Yes	No	Yes	No		
Number of	Sluice Valve			4			
Valves	Non-Returning Valve	2					
		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				
 Complete the construction/Rehabilitation works as soon as possible. Completion of whole machinery and electrical works are to be required without further delay Remaining work of pump house needs to be completed Sewer lines are missing Pumping machinery is required to be installed 							

Generate Automatic Controller System for working						
Data Collected By: Mr. Abdullah	Designation: Team Member	Juloh Sinn & Data 15 May 2022				
		Sign & Date: 15 May 2023				
Data Checked By: Mr. M Fiaz	Designation: Team Lead	Mayby				
		Sign & Date: 15 May 2023				

Provide Inter connections of pipes and MS screens. Join incoming sewer lines to existing drainage system System for SWM, as it has huge piles of solid wastes.

Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Jhang								
		ge Disposal Station ondition Assessment	Asset Code: Date: 26-01-2023					
Asset D		Detail	Pictures					
Name		New Gadianwala	PC1 for Rehabilitation has been					
Location	Latitude	31.30963						
	Longitude	72.32130	submitted, the information					
Address		New Gadianwala, Bypass Road, Jhang	filled in the proforma taken					
Area (Acres)		1.6	from PC1					
Installation Year		2004 (under construction)						
Capital Cost								

	Integrated Dev	velopment	And A	Asse	et Managei	ment Plan (IDAMP)	
	g	_						
_								
Form:		ge Disposal Station				Asse		
IDAMP-A7		ondition Assessment					Da	
	Outfall Drain Dia		42"					
Sewer	Material	RCC						
	No. of Screens	1				The same of the sa	- 200	
Screening Chamber	Screen Condition	Good	Fai	ir	Poor			
	Chamber	Maconny						
	Structure	Masonry				1210		
	Number	1						
	Shape	Rectangular Circular		Circular				
Wet Wells	Size		20	,				
	Structure	Mason	ry		RCC			
	Railing	Yes			No	Jhang, F Bypass R		
	No. of Delivery Pipes		2			Lat 31.30 Long 72.3	977	
	Dia		8"	,		Google 26/01/23		
Delivery Pipe	Material		C.					
Demice, ypc	Starting Point					The state of the s		
	Ending Point						NA STATE	
	Length 70'					HB.		
	Size	4'x4'						
Sullage	Shape	Shape Square						
Carrier	Length 60'							
	Condition	Good	Fai	ir	Poor	or		
Delivery Pipe	Dia					Jhang,	Punja	
Denvery 1 ipe	Material					Lat 31.30 Long 72.3	8837° 321688	
Suction Pipe	Dia					Google 25/01/23	04:111	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Material						200	
	Sluice Valves Non-Return							
Number of	Valves							
Valves	Penstock							
	Valves							
Ultimate Disposal		Khairanwala Drain				100		
Civil Structure	Condition	Good	Fai	ir	Poor			
Control Room S	Control Room Structure		Fai	ir	Poor	Jhang	Punia	
Discharge Box Structure		Good	Fai	ir	Poor	Bypass 6 Lat 31.30	Rd, Jh 09772	
Approach to Pump House		Good	Fai	ir	Poor	Google Long 72.	32103 3 04:12	
Hoisting Girder		Yes			No	l		
Boundary Wall & Gate		Yes			No	l		
Treatment of Sewage		Yes No		No	l			
	ily discharge in					l		
m3/day?	Not Available			l				
(based or				1				
information at Ultimate				1				
wastewater?				1				
	Equipment Details				1			
Number of WAI		_ 4a.pc.it	2001			1		
Transformer Ca						1		
		<u> </u>						



Asset Code: _





Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Jhang								
Form: IDAMP-A7	Sewera Asset C			t Code: Date: 26-01-2023				
Number of MC	U							
Sanctioned Lo	ad (kw)							
Power Facto Equipment	r Improvement	Yes	No					
Service Cable		Yes	No					
Power Wiring		Yes	No					
Earthing of Mo	otor	Yes	No					
Earthing of MC	CU	Yes	No					
Generator Ava	ailability	Yes	No					
Light Wiring of	f Pump House	Yes	No					
Change Over		Yes	No					
Pump Detail								
		Pu	Pump A Pump B					
Pump Type								
Pump Brand								
Pump Paint								
Motor Brand								
Installation Ye	ar of Pump							
Discharge Cap	acity (Cusecs)	Not Installed Yet						
Rotational Spe	eed (RPM)							
Head (ft.)								
Motor Power (
Pump Daily	Running Time							
(Hours)								
Base Plate	T	Yes	No	Yes	No			
Number of	Sluice Valve			3				
Valves	Non-Returning			2				
	Valve	0	all Dating	_				
Average		Over	all Rating					
Average Score	1	2	3	4	5			
Asset Condition	Excellent	Good	Fair	Poor	Failing			
Category	Α	B C D E						
Remarks / Requirements								
 Complete the construction/Rehabilitation works as soon as possible. Completion of whole machinery and electrical works are to be required without further delay Remaining work of pump house needs to be completed 								

- Remaining work of pump house needs to be completed
- Sewer lines are missing
- Pumping machinery is required
- Provide Inter connections of pipes and MS screens.
- Join incoming sewer lines to existing drainage system
- Generate Automatic Controller System for working
- Install proper boundary wall and complete the civil works.
- Install dewatering pumps and repair the wet wells. Install Generators as electricity backup.

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		ndition Assessment	Date: 26-01-2023				
Data Checked By: Mr. M Fiaz		Designation: Team Lead	Mayfay				
			Sign & Date: 15 May 2023				

ı	ntegrated Developm	nent And A	Asset	Mar	nagement	Plan (IDAMP)
	Mu	nicipal Co	mmit	tee .	Jhang	
Form: IDAMP-A7	Sewerage Asset Cond	Asset Da				
	Asset Deta	il				Pic
Name		Old	d Gad	lianw	ala	
Location	Latitude		31.3	0932	2	
Location	Longitude		72.3	1934	1	
Address						
Area (Acres)				15		PC1 for Reh
Installation Year			19	80		been sub
Capital Cost	T			- · ·		informatio
Outfall Drain				8"		proforma ta
Sewer	Material			CC_		
Caraanina	No. of Screens Screen Condition	Cood		<u>1</u>	Door	
Screening Chamber	Chamber	Good	Гс	air	Poor	
Chamber	Structure		Mas	onry		
	Number		-	1		
	Shape	Rectang		_	ircular	
	Size			5'		
Wet Wells	Structure	Masonry			RCC	
	Railing	Yes		No		
	No. of Delivery					
	Pipes					
	Dia					
Delivery Pipe	Material					Jhang,
	Starting Point					8859+F Lat 31.3
	Ending Point					Google 26/01/2
	Length					
	Size	2.5'x3'				
Sullage Carrier	Shape	Rectangular				
	Length		10	100′		
	Condition	Good			Poor	
Delivery Pipe	Dia Material					
	Dia					
Suction Pipe	Material					
	Sluice Valves					Dype Lat 8 Lang
Number of	Non-Return					230
Valves	Valves					IA
	Penstock Valves			3		THE REAL PROPERTY.
Ultimate Disposal	Kha	iranw	ala [Drain	The state of the s	
Civil Structure Co	Good	Fá	air	Poor		
Control Room Str	Good	Fá	air	Poor	Mary States	
Discharge Box Str	Good		air	Poor	lban	
Approach to Pump	Good	Fá	air	Poor	8859- Lat 31	
Hoisting Girder	Yes			No	Google 26/01/	
Boundary Wall & C		Yes			No	
Treatment of Sew	-	Yes No		No		
Wastewater dai m3/day?	ly discharge in	N	ot Av	ailat	ole	
						•

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)							
Municipal Committee Jhang							
Form:	Sew	erage	Disposal S	Statio	n	Ass	set Code:
IDAMP-A7			lition Asse				Date: 26-01-2023
(based on ava	ilable informatio	n at					
MC)							
	sal of wastewater						
	lectro-Mechanica	l Equi	pment Det	tails			
Number of WAF				1			
Transformer Ca	· · · · · · · · · · · · · · · · · · ·			75			
Number of MCL				1			
Sanctioned Loa	nd (kw)			15	5		
Power Fac	tor Improve	ment	Yes		No		
Equipment							
Service Cable			Yes		No		
Power Wiring			Yes		No		
Earthing of Mot			Yes		No		
Earthing of MC			Yes		No		
Generator Avai			Yes		No		
Light Wiring of	Pump House		Yes		No		
Change Over			Yes		No		
Pump Detail							
						Pump A	
Pump Type			Dewatering Set				
Pump Brand			Master Pump				
Pump Paint			TECHO				
Motor Brand	(D						
Installation Yea			Not Available				
Discharge Capa			0.5				
Rotational Spec	ed (RPM)		Not Available				
Head (ft.)	ID)		Not Available				
Motor Power (F		- >	20				
Pump Daily Running Time (Hours)		Not Available					
Base Plate	T			Ye	es		No
Number (of Sluice Valve						
Valves	Non-Returnin	g					
Valve							
A			Overal	ı Kati	ng		
Average	1		2		3	4	5
Score				1			
Asset Condition	Excellent		Good		Fair	Poor	Failing
Category	Α		В		С	D	Е
- Catagory		R		Requir			_
Remarks / Requirements							

- 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.

	Integrated Development And Asset Management Plan (IDAMP)								
	Municipal Committee Jhang								
Form: Sewerage Disposal Station Asset Code IDAMP-A7 Asset Condition Assessment Date: 2									
Data Collected E	By: Mr. Abdullah	Designation: Team Member	Jufoh Sign & Date: 15 May 2023						
Data Checked B	y: Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023						

					Sigil & Date. 13 May 2023				
	Integrated [Develonme	ent And	Asset Man	egement Plan (IDAMP)				
	Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang								
		Muli	пстрат С	ommittee 5	lialig				
Form:	Sewera	age Dispos	sal Stat	ion	Asset Code:				
IDAMP-A7	Asset C	ondition A	Assessm	nent	Date: 26-01-2023				
	Asset	Detail			Pictures				
Name			Noor Sh						
Location	Latitude		31.298	87					
Location	Longitude	-	72.306	332					
Address		Noor SI		oass Road,					
			Jhan	-					
Area (Kanal/A			0.25		Sec. of the second				
Installation Y	ear		1986						
Capital Cost	T = -	N	lot Avai	lable					
Outfall Drain	Dia		33"						
Sewer	Material		RCC						
	No. of Screens		1						
Screening	Screen	Good	Fair.	Daar					
Chamber	Condition	Good	Fair	Poor	all and the second				
	Chamber		Mason	r)/	201				
	Structure			ıy					
	Number		2		Jhang Sadar, Punjab, Pakistan				
	Shape	Rectang		Circular	Bytass Rd. Jhang Sadar, Jhang, Punjab, Pakistan Lat 31.2988772 Long 72.3085327				
Wet Wells	Size		25"		Google 28,01,725 04:19 PM GMT +05:00				
	Structure	Mason	ıry	RCC					
	Railing	Yes		No					
	No. of				The second of the second				
	Delivery								
	Pipes				☐ GPS Map Camera				
	Dia				Jhang Sadar, Punjab, Pakistan Bypass Rd, Jhang Sadar, Jhang, Punjab, Pakistan				
Force Main	Material	N	o Force	Main	Lat 31.298968° Long 72.306466°				
	Starting				Google 26/01/23 04:20 PM GMT +05:00				
	Point								
	Ending Point								
	Length				-				
Sullage	Size	_	2.5'x3		1				
Carrier	Shape	į F	Rectang	ular					

Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang Sewerage Disposal Station Form: Asset Code: IDAMP-A7 **Asset Condition Assessment** Date: 26-01-2023 Length 150' Condition Good Fair Poor Delivery Dia 10" Pipe Material C.I hang Sadar, Punjab, Pakistan 12" Dia Suction Pipe Material C.I 26/01/23 04:20 PM GMT +05:00 Sluice 6 Valves Number of Non-Return 3 Valves Valves Penstock 2 Valves **Ultimate Disposal** Khairanwala drain **Civil Structure Condition** Good Fair Poor **Control Room Structure** Good Fair Poor Good Fair Poor Discharge Box Structure Poor Approach to Pump House Good Fair **Hoisting Girder** Yes No **Boundary Wall & Gate** Yes Nο Yes Treatment of Sewage No 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 Transformer Capacity (kVA) 630, 400 Number of MCU 3 Sanctioned Load (kw) 355 Power Factor Improvement Yes No Equipment Yes Service Cable No Yes Power Wiring No Earthing of Motor Yes No Yes Earthing of MCU No Generator Availability Yes No Yes Light Wiring of Pump House No Change Over Yes No **Pump Detail** Pump A Pump B Pump C Centrifugal/ Non-Centrifugal/ Non-Centrifugal/ Non-Pump Type Clogging Clogging Clogging KSB Pump Brand KSB KSB Poor Pump Paint Good Fair Good Fair Poor Good Fair Poor **Motor Brand KSB KSB KSB** Installation Year of Pump 1986 1986 1986 Discharge Capacity 5 5 5 (Cusecs)

Integrated Development And Asset Management Plan (IDAMP)								
	Municipal Committee Jhang							
Form: Sewerage Disposal Station // IDAMP-A7 Asset Condition Assessment							et Coo Date:	le: 26-01-2023
Rotational Sp	eed (RPM)	960			960		(960
Head (ft.)		40			40			40
Motor Power	(HP)	60			60			60
Pump Daily (Hours)	Running Time	12		12		4		4
Base Plate		Yes	No	Yes	No	Υ	es	No
	Sluice Valve			6				
Number of Valves	Non- Returning Valve				3			
		0\	erall F	Rating				
Average Score	1	2		3	4		5	
Asset Condition	Excellent	Good		Fair Poor				Failing
Category	Α	В		С	D			E
		Remark	s / Re	quirement	s			

- 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.

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

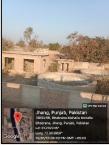
Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Jhang								
Form: IDAMP-A7		ge Disposal Station ondition Assessment	Asset Code: Date: 26-01-2023					
	Asset	Detail	Pictures					
Name		Tibba Sultan						
Location	Latitude	31.292338						
Location	Longitude	72.304282						
Address		Tibba Sultan, Bhabrana, Jhang						
Area (Kanal/Acres)		0.35						

Asset Code:

	Integrate	d Develop	men	t An	d Asset	Management Plan (IDAMP)				
		М	unici	ipal	Committ	ee Jhang				
Form:	Sewera	ge Dispos	al St	atio	n	Asset				
IDAMP-A7		ndition A				Da				
Installation \	'ear	Befo	ore P	artit	ion					
Capital Cost			t Av							
Outfall	Dia		36	·"						
Drain Sewer	Material		RC	C						
	No. of Screens		1	•						
Screening	Screen	Cood	Г.	nir.	Door					
Chamber	Condition	Good	Fo	air	Poor					
	Chamber		Macc	nrv						
	Structure		Masc	ли у						
	Number		2							
	Shape	Rectang			ircular					
Wet Wells	Size		25	o'						
	Structure	Mason	ry		RCC					
	Railing	Yes			No					
	No. of					1944 Company				
	Delivery					P I TO THE				
	Pipes									
	Dia									
Force Main	Material	No	Ford	ω Ma	ain					
1 orce main	Starting	140	1 01 0	.C IVIC	a111	Jhang, Punjab				
	Point					78R3+RR, Bhabrana Mo Bhabrana, Jhang, Punja				
	Ending					Lat 31.292338°				
	Point					Google Long 72.304282° 26/01/23 04:28 PM GM				
	Length									
	Size		4'x							
Sullage	Shape	Re	ectar		ar					
Carrier	Length		70							
	Condition	Good		air	Poor					
Delivery	Dia		12							
Pipe	Material		C.							
Suction	Dia		12							
Pipe	Material		С.	.l		Jhang, Punjab, Pakistan 78R3-HBH, Bhabrans Mohalis Mohalis				
	Sluice		4	ļ		Google) Lat 31292240* Long 7230348* 25(01)23 04:28 PM GMT 405:00 Google				
Ni. makan af	Valves									
Number of Valves	Non-Return Valves		2							
	Penstock		2)						
1114:	Valves	Khairanwala Drain		\						
Ultimate Disposal										
Control Boom Structure		Good Fair Poor Good Fair Poor								
Control Room Structure Discharge Box Structure		Good			Poor					
		Good Good		air Sir	Poor					
Hoisting Gird	Approach to Pump House		Г	air I	Poor No					
		Yes								
Boundary Wa		Yes			No					
Treatment of		Yes			No					
	Wastewater daily discharge in m3/day?		119	23						







Integrated Development And Asset Management Plan (IDAMP)								
Municipal Committee Jhang								
Form: Sewerage Disposal Station IDAMP-A7 Asset Condition Assessment							Ass	et Code: Date: 26-01-2023
(based on	available							
information at	MC)							
Ultimate dis	posal of							
wastewater?								
Electro-	Mechanical E	Equipment De	tails					
Number of Feeders	WAPDA	1						
Transformer (kVA)	Capacity	10	0					
Number of MCU	J	2						
Sanctioned Loa	ad (kw)	75	5					
Power	Factor	Yes	N	10				
Improvement E	quipment	Voc		lo.				
Service Cable Power Wiring		Yes Yes		10 10				
Earthing of Mot	tor	Yes		10				
Earthing of MC		Yes		10				
Generator Avai		Yes		10				
Light Wiring	_							
House	or rump	Yes No						
Change Over		Yes		10				
				p Deta	il			
			ump A		_	Pump B		
Pump Type		Centrifuga		n-Clogg	ing	Centrifugal/ Non-Clogging		
Pump Brand		0 1	KSB		_	KSB		
Pump Paint		Good	Fair		Poor	Good Fair Poor		
Motor Brand	ar of Dunan		iemen			Siemens		
Installation Yea		NOT	Availa	abie		Not Available		
Discharge (Cusecs)	Capacity		5					5
Rotational Spe	ed (RPM)		960				9	160
Head (ft.)	-		40					40
Motor Power (H	HP)		50					50
Pump Daily Ru			12					16
(Hours)								
Base Plate		Yes No			Yes		No	
I —	luice Valve					4		
Valves R	on- eturning alve					2		
Overall Rating								
Average Score	1	2			3	4		5
Asset Condition	Excellent	Good		F	air	Poor		Failing
Category	Α	В			С	D		Е
Remarks / Requirements								

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

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

	Integrated Developm	ent And A	Asset N	Manage <u>me</u>	ent Plan (IDAMP)					
	Municipal Committee Jhang									
Form: IDAMP-A7	Sewerage D Asset Condit		t	Asset Code: Date: 26-01-2023						
	Asset Detail				Pictures					
Name		Lá	akhi W	ala						
Location	Latitude	31	1.2838	818						
Location	Longitude	72	2.3053	366						
Address		Bhabr	ana M Jhang	ohalla, J						
Area (Kanal/Acre	0.5									
Installation Year					Jhang, Punjab, Pakistan					
Capital Cost		Not Available			78R3+RR, Bhabrana Mohalla Mohalla Bhabrana, Jhang, Punjab, Pakistan					
Outfall Drain	Dia		36"		Lat 31.292188° Long 72.303762°					
Sewer	Material		RCC		Soogle 26/01/23 04:33 PM GMT +05:00					
	No. of Screens		2							
Screening	Screen Condition	Good	Fair	Poor						
Chamber	Chamber Structure	١	Masoni	ГУ						
	Number		2							
Wet Wells	Shape	Rectanç ar	jul	Circular						
wet wens	Size		25′							
	Structure	Masonr	-y	RCC	Phong, Purish, Position Thong, Purish, Position Thong, Purish, Position Though Purish, Positi					
	Railing			No	(act 2000)					
Force Main	No. of Delivery Pipes	No Force Main		Main						

	Integrated Developm	ent And	Asse	et Ma	nagem	ent Plan (ID	AMP)		
	Mur	nicipal Co	mm	ittee	Jhang				
Form:	Sewerage D	isposal S	tati	on			Asset Code	:	
IDAMP-A7	Asset Condit				6-01-2023				
	Dia					Т	0.100	4.580	
	Material								
	Starting Point						TO SHARE		
	Ending Point								
	Length								
	Size		2.5	5'x3'				1. 14	
	Shape	R		ngula	ar		Ibang Rugieb Pak	gevera.	
Sullage Carrier	Length			50′		*	Plot 569, Bhabrana Mohall Colony, Jhang, Punjab, Pa	a Khokhar datan	
	Condition	Good		air	Poor	Goo	Long 72.308728* 28/01/28 04:34 PM GMT 4	-05:00	
	Dia			0"					
Delivery Pipe	Material			2.1			An V		
2 11	Dia			2"					
Suction Pipe	Material			<u>=</u>]l		7 1	1	M	
	Sluice Valves			.0				V	
Normali	Non-Poturn								
Number of Valves	Valves		į	5					
	Penstock Valves			4			Jhang, Punjab, Pak	gav stan	
Ultimate Disposal		Khairanwala Drain					Plot 481, Bhabrana Mohall Wali, Jhang, Punjab, Pakis Lat 31,283838"	a Basti Kal Ian	
Civil Structure Co		Good		air	Poor	Goo	Long 72.305213* 28/01/23 04:36 PM GMT 4	05:00	
Control Room Str	Control Room Structure		Fá	air	Poor				
Discharge Box St	Discharge Box Structure		Fá	air	Poor				
	Approach to Pump House		Fá	air	Poor				
Hoisting Girder					No				
Boundary Wall &	Gate	Yes No							
Treatment of Sew		Yes No							
Wastewater da	-								
m3/day?			11(ດວວ					
(based on availa	ible information at	11923							
MC)									
Ultimate disposal									
	ro-Mechanical Equip	nent Det							
Number of WAPD				2		_			
Transformer Capa	acity (kVA)			30		_			
Number of MCU				4		_			
Sanctioned Load			19	90		4			
Power Facto	r Improvement	Yes			No				
Equipment				<u> </u>		4			
Service Cable		Yes Yes		<u> </u>	No	4			
	Power Wiring			<u> </u>	No	4			
Earthing of Motor		Yes		<u> </u>	No	4			
Earthing of MCU		Yes		<u> </u>	No	4			
Generator Availability Light Wiring of Pump House		Yes		<u> </u>	No	4			
	Yes		\vdash	No	- 				
Change Over	Yes			No					
	Pump Detail Pump A Pump B Pump C Pump D Pump E								
		Pump Centrift			пр в trifug	Pump C Centrifug	Pump D Centrifug	Pump E Centrifug	
D T		al/ Nor	-		Non-	al/ Non-	al/ Non-	al/ Non-	
I Dilmo i Waa	ı ai/ INUI	- 1	ai/	INUIT	ai, INUII	ai/ INUII	ai/ NUII		
Pump Type		Cloggir	٦a	Clar	gging	Clogging	Clogging	Clogging	

Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang											
Form: IDAMP-A7	Sewerage Disposal Station Asset Code: Asset Condition Assessment Date: 26-01-								2023		
Pump Brand			KSI	В	KSB	K	SB	KS	SB	KS	B
Pump Paint											
Motor Brand			KSI	В	KSB	K	SB	KS	SB	KS	iΒ
Installation Year	r of Pump		199	2	1992	19	992	19		19	92
Discharge Capac	•		4		5		5	5		5	
Rotational Spee	d (RPM)	₹PM)		0	960	960		960		96	0
Head (ft.)					40	40		40		4	
· · · · · · · · · · · · · · · · · · ·	Motor Power (HP))	50		50	50		5	
Pump Daily Run	ning Time (Hour	s)	NF		12	12		4		N	F
Base Plate	.		Yes	No	Yes No	Yes	No	Yes	No	Yes	No
Number o	Sluice Valve		10								
Valves	' Non-Returnii Valve	ng	5								
			Ove	rall F	Rating						
Average Score	1		2		3		4			5	
Asset Condition	Excellent	(Good		Fair		Poor			Failing	3
Category	Α		В		С		D			Е	
Remarks / Requirements											
	f pumps are fun problem in the d							-		ere is f	ıuge

Following items are required in Lakhiwala disposal station

- Pen Stock
- Repair NF pumps immediately.
- **Delivery Pipe**
- Stainless steel Screen angle
- RCC work
- Bend HDP

- Sluice valve
- Non-Return valve
- sewage submersible pump
- Automatic Controller System

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									
Form:		age Disposal Station	Asset Code:						
IDAMP-A7	Asset C	ondition Assessment	Date: 26-01-2023						
	Asset	Detail	Pictures						
Name		Harmal Pura							
Location	Latitude	31.26414							

	Integrated D	ovolonmo	nt And	٨٥٥	ot Manag	ement Plan (IDAMP)
	ilitegrateu D					
		Muni	cipai C	omi	nittee Jha	ing
Farmer	C	Di	-1 Ct-1	L:		A
Form: IDAMP-A7	Sewera Asset C	Asset D				
IDAMP'AT			U			
A d d = = = =	Longitude			386		
Address	oros)	Вура	ıss Roa	a, J	nang	
Area (Kanal/A Installation Ye			3 197	6		
Capital Cost	aı	N	lot Ava		ام	0
Outfall Drain	Dia	I V	42'		ic	
Sewer	Material		RC(
Sewer	No. of					WATER
	Screens		1			
Screening	Screen				_	
Chamber	Condition	Good	Faii	r	Poor	192
	Chamber					
	Structure		Masor	nry		A STATE OF THE PARTY OF THE PAR
	Number		1			
	Shape	Rectang	ular	С	ircular	
Wet Wells	Size	_	26	,		Jhang Sada
	Structure	Mason	ry		RCC	Bypass Rd, Jhai Pakistan
	Railing	Yes			No	Lat 31.264128* Long 72.293718
	No. of					Google 26/01/23 05:01
	Delivery					
	Pipes					W.
	Dia					
Force Main	Material	N	o Force	e Ma	nin	
	Starting					
	Point					
	Ending Point					
	Length					Jhang Sadar,
	Size		2.5'x			Bypass Rd, Jhang Pakistan Lat 31.264186*
Sullage	Shape		Rectano		r	Google 28/01/28 04:10 P
Carrier	Length	0 1	120			
	Condition	Good	Fair		Poor	15.5%
Delivery Pipe	Dia	24"	20′		12"	
	Material	C.I	C.I		C.I 12"	
Suction Pipe	Dia Material	24" C.I	20' C.I			
		C.1			C.I	
	Sluice Valves Non-Return		6			Jhang Sadar
Number of	Valves		3			Pakistan Lat 31.26-16-07 Long 71.29-4008*
Valves	Penstock					Crise I
	Valves		2			
Ultimate Disposal		Kha	iranwa	la d	rain	
	Civil Structure Condition		Fair	_	Poor	
Control Room Structure		Good Good	Fair		Poor	
Discharge Box Structure		Good	Fair		Poor	
Approach to Pump House		Good	Fair		Poor	
Hoisting Girder		Yes				Jhang Sadar Bysass Rd, Jhang Pakittan
	Boundary Wall & Gate		er Cons	stru		Google Lat 317:4447* Lpng 72:293692* 20/09/78 01:02 P
Treatment of S		Yes	Under Construction Yes No			
	aily discharge		2214	12		
-						



Asset Code: _







Integrated Development And Asset Management Plan (IDAMP)										
	Municipal Committee Jhang									
Form:	Sewer	age Disp	osal S	tation			Asset Code:			
IDAMP-A7		ondition			:					5-01-2023
(based of information a	on available									
Ultimate	disposal of					1				
wastewater?	•									
	ectro-Mechanical	Equipm	ent De	tails						
	APDA Feeders			1NF)						
Transformer	Capacity (kVA)		6	30						
Number of M				3						
Sanctioned L	oad (kw)		2	286						
Power Facto Equipment	or Improvement	Y	es		No					
Service Cable	e	Υ	es		No					
Power Wiring	J	Υ	es		No					
Earthing of M	1otor	Υ	es		No					
Earthing of M		Υ	es		No					
Generator Av	•	Υ	es		No					
	of Pump House		es		No					
Change Over		Υ	es		No					
Pump Detail										
		Pump A			Pump			Pum	,	
			al Shaf				aft Non-			naft Non-
Pump Type			loggin		Cloggi	ogging Centrifugal Pump		Cid		entrifugal
Pump Brand		Centi	ifugal f KSB	ump		KSB		Pump KSB		
		Goo	NSD			N2R				
Pump Paint		d	Fair	Poor	Good	Fair	Poor	Goo		
Motor Brand	/	warsza	wska F	аргука	warsz		Fabryka	VV	Warszawska Fabryka	
Installation Y			1976			1976)		19	
	pacity (Cusecs)		5 960			10 960	<u> </u>		10 96	
Rotational Sp Head (ft.)	Jeeu (RPM)		50			50	1		50	
Motor Power	(HD)		100			100	1		10	
	Running Time									
(Hours)	Running Time		4			12			12	2
Base Plate		Yes		No	Yes		No	Y	es	No
	Sluice Valve					6		•		
Number of										
Valves	Returning					3	}			
	Valve									
	Overall Rating									
Average Score	1	2			3		4			5
Asset Condition	Excellent	God	od		Fair	Poor			Failing	
Category	Α	В			С		D		E	
		R	emark	s / Red	quiremen	ts				

- 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.

Following Components are required

	Integrated Development And Asset Management Plan (IDAMP)										
	Municipal Committee Jhang										
Form: IDAMP-A7	Sewerag Asset Cor		Asset Code: Date: 26-01-2023								
Pen SSuctiDeliv	ge submersible pun Stock on Pipe ery Pipe less steel Screen ar	•	RCC work Bend HDP Sluice valve Non-Return Automatic C								
Data Collecte	ed By: Mr. Abdullah	Designation: Team	Member	Julih Sign & Date: 15 May 2023							
Data Checked	d By: Mr. M Fiaz	Designation: Team	Lead	Mayly Sign & Date: 15 May 2023							

	Integrat	ed Develo	pment A	and Asse	t Management Plan (IDAMP)
			Municipa	al Commi	ttee Jhang
Form: IDAMP- A7		ge Dispos ondition A			Asset Da
AI	Asset	Detail			Pictures
Name	ASSCE		arooqaba	nd	Tietures
Lati	tude		1.2568		
I location	gitude		2.3481		
Address	gituut		Shehar,		
Area (Kanal/Acre	es)		0.2	29	
Installation Year	·-,		1992		
Capital Cost		No	t Availal	ole	A CONTRACTOR OF THE STATE OF TH
Outfall Dia		_	36"		
Drain Sewer Mat	erial		RCC		
No. Scre	of eens		1		
Screening Screening Chamber Con	een dition	Good	Fair	Poor	Naya Shehar, Punj 786V+38J, Naya Shehar,
	mber icture	Masonry			Pakistan Lat 31.260254° Long 72.343382°
Nun	nber	1			Google 26/01/23 05:36 PM GMT
Sha	pe	Rectangular Circular 20'		ircular	
Wet Wells Size					
Stru	ıcture	Mason	ry	RCC	
Rail	ing	Yes No		No	
No. Deli Pipe	of very				
Dia	-				•
Mat	erial				Naya Shehar, Punj
Force Main ———	ting	No	Force M	ain	786V+38J, Naya Shehar,
Poir	-				V Pakistan Lat 31.260254°
End	ing				Google Long 72.343382* 26/01/23 05:36 PM GMT
Poir	-				26/01/23 05:36 PM GMT
Len	gth				
Size	<u> </u>		2.5'x3'		1 3 3 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
Sullage Sha	pe	Re	ectangul	ar	THE STATE OF THE S
Carrier Len	gth		150′		A STATE OF THE STA
Con	dition	Good	Fair	Poor	
Delivery Dia			6"		
Pipe Mat	erial		C.I		and the same of th
Suction Dia		6"			
Pipe Mat	erial	C.I			Jhang, Punjab, Pal
Slui Valv		4			784X+H5M, Jhang, Lat 31.256731° Long 72.347592*
Number of Ret	urn	2			Google 26/01/23 05:36 PM
Valv	Valves				
Valv			1		
Ultimate Disposa			pen Fiel		
Civil Structure Co	ndition	Good	Fair	Poor	



Asset Code:



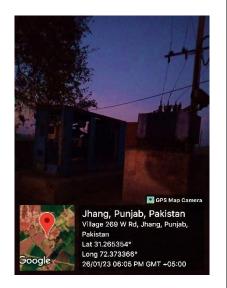


Integrat	Integrated Development And Asset Management Plan (IDAMP)									
	ı	Municip	al Commi	ittee Jha	ing					
		·								
Form:	D'	-1 61 -1:				A 1 C -	4			
	ige Dispos					Asset Co				
A7 Asset C	ondition A	ssessm	ent			Date	: 26-01-2023			
Control Room Structure	Good	Fair	Poor							
Discharge Box Structure	Good	Fair	Poor							
Approach to Pump	Good	Fair	Poor							
House		ган	PUUI							
Hoisting Girder	Yes		No							
Boundary Wall & Gate	Yes		No							
Treatment of Sewage	Yes		No							
Wastewater daily										
discharge in m3/day?		7154								
(based on available		7154								
information at MC)				1						
Ultimate disposal of										
wastewater?		15.	• 1	1						
Electro-Mechanica	_	nt Detai	IIS							
Number of WAPDA		1								
Feeders				_						
Transformer Capacity (kVA)		100								
Number of MCU		2								
Sanctioned Load (kw)		60								
Power Factor		00		_						
Improvement Equipment	VAC		No							
Service Cable	Yes		No	-						
Power Wiring	Yes		No	1						
Earthing of Motor	Yes		No	1						
Earthing of MCU	Yes		No	-						
Generator Availability	Yes		No							
Light Wiring of Pump										
House	Yes		No							
Change Over	Yes		No							
			Pump De	tail						
			np A			Pump B				
Pump Type	Centr		Non-Clog	ging	Centri	fugal/ Non-				
Pump Brand			SB			KSB	<u>-</u>			
Pump Paint	Good	F	air	Poor	Good	Fair	Poor			
Motor Brand		Sier	mens			Siemens				
Installation Year of		10	992			1992				
Pump		12	776			エフブム				
Discharge Capacity			3			3				
(Cusecs)										
Rotational Speed (RPM)	960					960				
Head (ft.)			10			40				
Motor Power (HP)			10			40				
Pump Daily Running		1	12			16				
Time (Hours)										
Base Plate	Ye	S	l N	10	Yes		No			
Number of Sluice					4					
Valves Valve										

	Integrated Development And Asset Management Plan (IDAMP)									
Municipal Committee Jhang										
Form: IDAMP- A7	Sewera Asset Co	Ass	Asset Code: Date: 26-01-2023							
	Non- Returning Valve		2							
			Over	all Rating						
Average Score	1		2	3	4	5				
Asset Condition	Excelle	nt	Good	Fair	Poor	Failing				
Category	Α		В	С	D	E				
Remarks / Requirements										
TheSlucA poPenDeco	re is no back up Ige carrier drai ump is out of ou stocks, sluice	o for el n into der du valves ion tim	lectricity, a ger Open Fields, w ue to pipe breal and non-returr	nerator is require here harmful poll kage, it needs im ning valves are n	eeded to be insta	tioning. are produced.				
Data Collect	ted By: Mr. Abo	lullah	Designation:	Team Member	Sign & Date:	Jufth Sign & Date: 15 May 2023				
Data Check	ed By: Mr. M Fi	Sign & Date:	Sign & Date: 15 May 2023							

Integrated Development And Asset Management Plan (IDAMP)									
	Municipal Committee Jhang								
Form: IDAMP-A7	Sewera Asset C	Asset Code: Date: 26-01-2023							
	Asset	Detail			Pictures				
Name		Kho	khran Disp	osal					
Location	Latitude		31.26521						
Location	Longitude		72.37370						
Address		Village 269W Road, Jhang							
Area (Kanal/A	cres)		0.75						
Installation Ye	ear	2004 (Under Exte	ension)					
Capital Cost		27	.2 Million F	Pkr					
Outfall Drain	Dia		42"						
Sewer	Material		R.C.C						
Screening	No. of Screens	1							
Chamber	Screen Condition	Good	Fair	Poor					

	Integrated D	evelopmer	nt And	l Ass	et Manag	ement Pla	an (IDAMP)
					nittee Jha		
Form:		age Dispos					Asset
IDAMP-A7	1	ondition A	ssess	men	1	Da	
	Chamber		Maso	onry			
	Structure						
	Number Shape	Rectang	ular I		ircular		
Wet Wells	Size	Rectally	uiai 2!		li Cuiai		
Wet Wells	Structure	Mason			RCC		
	Railing	Yes	·y		No		
	No. of	103			110	4	THE SECOND
	Delivery					4.7	The state of
	Pipes					n (C.3)	
	Dia						
Force Main	Material	No	o Ford	е Ма	nin	W.	
	Starting						
	Point						=
	Ending Point						
	Length						
	Size		2.5				
Sullage	Shape	F	Rectar	F13000			
Carrier	Length		60				Jhang, Pu Village 269 V
	Condition	Good	Fa		Poor		Pakistan Lat 31.26535
Delivery Pipe	Dia		12			Google	Long 72.373
	Material		C			Joogle	26/01/23 06:
Suction Pipe	Dia		12				
,	Material		C	700	CONTRACTOR OF THE PARTY OF THE		
	Sluice Valves		ϵ				
Number of	Non-Return Valves		3				
Valves	Penstock						
	Valves		2	3			
Ultimate Dispo			Open				
Civil Structure		Good	Fa		Poor		Jhang, Panjab, Pakiston
Control Room		Good	Fa		Poor	Soogle	Ultrigh 200 47 Ed., Jungs, Burgab, Baseller LC312650611 000, 27,2706074 20,07,28,000,0794 (647,1000)
Discharge Box		Good	Fa		Poor		
Approach to P		Good	Fa		Poor		
Hoisting Girde		Yes			No		
Boundary Wall	& Gate	Yes			No		
Treatment of S	Sewage	Yes			No		To the second
Wastewater d	laily discharge						4 5
in m3/day?	in m3/day?						
(based or			139	/01			
information at	•	al of					
						Jhang, Punjab, vilege 206 vileg .	
wastewater?	Fauince	t Dat	-i!-			Google 20-01/20 00:00 194	
	ctro-Mechanical	⊏quipmen					
Number of WA Transformer C		20			-		
Number of MC			3			-	
Sanctioned Lo			17			-	
	Improvement		1/			1	
Equipment	amprovement	Yes			No		
_qa.pct						j	



Asset Code: _



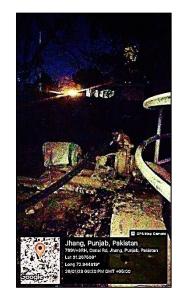




Sign & Date: 15 May 2023

	Integrated	Development An	d Ass	et Manage	emen	t Plan (ID	AMP)	
		Municipal (Comm	nittee Jha	ng				
Form:	, , , , , , , , , , , , , , , , , , ,							et Code: _	
IDAMP-A7			smeni					Date: 26-0)1-2023
Service Cable		Yes	No						
Power Wiring		Yes		No					
Earthing of M		Yes	No						
Earthing of M		Yes		No					
Generator Av	•	Yes	No						
	of Pump House	Yes Yes		No No					
Change Over			mn D						
		Pump A	mp D		ump	D	l	Pump	C
_		Centrifugal/ N	Non-	Centri			_	entrifugal	
Pump Type		Clogging			oggir			Cloggir.	
Pump Brand		KSB		C	KSB	19		KSB	19
Pump Paint			Poor	Good F	air	Poor	Goo		Poor
Motor Brand		Siemens			iemer		300	Siemer	
Installation Y	ear of Pumn	2004			2004			2004	
	pacity (Cusecs)			,	6		2004 6		
Rotational Sp		960			960			960	
Head (ft.)	,	40			40			40	
Motor Power	(HP)	75			75			75	
	Running Time	4							
(Hours)	. ,	4			12			12	
Base Plate		Yes	No	Yes No		No	Υ	'es	No
	Sluice Valve		6						
Number of Valves	Non- Returning Valve	3							
	Valve	Ove	rall R	ating					
Average Score	1	2		3		4		į	5
Asset Condition	Excellent	Good		Fair		Poor		Fail	ing
Category	Α	В		С		D		E	
		Remarks	/ Red	uirement	S				
 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. 									
Sidage	, carrier drops in	. Speri reids Will	. J., po		. .	gatea	a J	. 44	
Data Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 15 May 2023					23				
Data Checked By: Mr. M Fiaz Designation: Team Lead					ushy				

	Integrated	Developr	nent An	d Asset M	lanagement Plan (IDAMP)
	integrated		e Jhang		
Form:		ge Dispos	Asset		
IDAMP-A7		ondition A	ssessme	ent	Da
	Asset				Pictures
Name	1 -4:44-		lam Nag		4
Location	Latitude Longitude		31.2673 72.3441		-
Address	Longitude		2.3441 I Road, 、		-
Area (Kanal/	Acros)	Calla	0.2	many	-
Installation Y			2015		
Capital Cost	Cai	3	Million F	Okr	
Outfall	Dia		18"	NI .	-
Drain Sewer	Material		RCC		-
Diam Sewer	No. of				
	Screens		1		
Screening	Screen			_	
Chamber	Condition	Good	Fair	Poor	
	Chamber			1	
	Structure		Masonry	/	
	Number		1		
	Shape	Rectang	ular (Circular	
Wet Wells	Size	_	20'		
	Structure	Mason	ry	RCC	Jhang, Punjab, Pal
	Railing	Yes		No	789V+3RH, Canal Rd, Jhang Lat 31.267509°
	No. of				Long 72.344319* 20/01/28 08:20 PM GMT +01
	Delivery		1		
	Pipes				
	Dia		6"		
Delivery	Material		C.I		
Pipe	Starting		Wet wel	1	
	Point			•	SCHOOL DRIVEN
	Ending	De	ep Manh	ole	Jhang, Punjab, Pakis 789V+3RH, Canal Rd, J
	Point				Lat 31.267477°
	Length		100′		Long 72.344211° Google 26/01/23 06:19 PM GM
Cullers	Size				AVENCE AND STREET
Sullage	Shape	No S	ullage Ca	arrier	
Carrier	Length Condition				
Dolivory	Dia		6"		
Delivery Pipe	Material		 C.I		
Suction	Dia		6"		
Pipe	Material		C.I		
. ipc	Sluice				
	Valves		2		
Number of	Non-Return				
Valves	Valves		1		
	Penstock		-1		Jhang, Pumat. Pakista 299, Jan Grand Hing, Nat Lat 2012/00/2
	Valves		1		Sooglb 9 6 2 2000 23 002 01 1 2 11 2 2000
Ultimate Disp	oosal	Karm	nanwala	Town	
Civil Structur		Good	Fair	Poor	
Control Roor	n Structure	Good	Fair	Poor	
Discharge Bo		Good	Fair	Poor	
Approach to	Pump House	Good	Fair	Poor	



Asset Code:





Integrated Development And Asset Management Plan (IDAMP)										
	Municipal Committee Jhang									
Form:		e Disposal Sta					t Code:			
IDAMP-A7	Asset Cor	ndition Assess	smen	ıt			oate: 26-01-2023			
Hoisting Girde	r	Yes		No						
Boundary Wall	l & Gate	Yes		No						
Treatment of S		Yes		No						
Wastewater	daily									
discharge in m	n3/day?	42	6							
(based on	available	42	.0							
information at	-									
	isposal of									
wastewater?										
	o-Mechanical E	Equipment Def	tails							
Number of	WAPDA	1								
Feeders										
Transformer	Capacity	10	0							
(kVA)										
Number of MC		1								
Sanctioned Lo		25)							
Power	Factor	Yes		No						
Improvement	Equipment	Voc		No						
Service Cable Power Wiring		Yes Yes		No						
Earthing of Mo	otor	Yes		No						
Earthing of MC		Yes		No						
Generator Ava		Yes		No						
Light Wiring	•	163		INO						
House	Or rump	Yes		No						
Change Over		Yes		No						
, , ,			Pum	p Detail						
				,	Pur	np A				
Pump Type		Centrifugal/Non-Clogging								
Pump Brand		BECO								
Pump Paint		Not Available								
Motor Brand					ВЕ	CO				
Installation Ye	ear of Pump				20)15				
Discharge	Capacity					1.5				
(Cusecs)										
Rotational Spe	eed (RPM)					60				
Head (ft.)						30				
Motor Power (· · · · · · · · · · · · · · · · · · ·				3	30				
Pump Daily R	unning Time				1	10				
(Hours)										
Base Plate						vailable				
	Sluice Valve					1				
	Non-					1				
	Returning Valve					1				
	vaive		Over	all Rating						
Average			JVEIG							
Score	1	2		3		4	5			
Asset	_				_					
Condition	Excellent	Good		Fa	ir	Poor	Failing			
1 22	1	1		ı						

	Integrated Development And Asset Management Plan (IDAMP)										
	Municipal Committee Jhang										
Form:		Disposal Station			Code:						
IDAMP-A7	Asset Condi	tion Assessmen	t	D	ate: 26-01-2023						
Category	A	В	С	D	E						
		Remarks /	Requirements								
for u Ther MCU Prop An a	 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. Proper control and monitoring system needed. An additional screen needs to be installed. A backup generator is required for electricity. 										
Data Collect	ed By: Mr. Abdullah	Sign & Date: 1.	LSh 5 May 2023								
Data Checke	Data Checked By: Mr. M Fiaz Designation: Team Lead Sign & Date: 15 May 2023										

	Integrated	d Develop	ment An	d Asset N	Management Plan (IDAMP)				
	Municipal Committee Jhang								
Form: IDAMP-A7		ge Dispos ondition A			Asset Code: Date: 26-01-2023				
	Asset	Detail			Pictures				
Name		Karm	nanwala 1	Town					
Location	Latitude	3	1.28200	2					
LUCALIUII	Longitude	7.	2.33404	6					
Address		Karm	anwala T Jhang	own,					
Area (Kanal,	/Acres)	0.5							
Installation	Year		2008						
Capital Cost		20 Million Pkr		kr	ALCHING COMPANY				
Outfall	Dia		36"						
Drain Sewer	Material	RCC			and the second s				
	No. of Screens	1							
Screening Chamber	Screen Condition	Good	Fair	Poor					
	Chamber Structure		Masonry		Jhang, Punjab, Pakistan Unnamed Road, Jhang, Purjab, Pakistan Lat 31.281992*				
	Number		2		Long 72.334019* 26/01/23 06:36 PM GMT +05:00				
	Shape	Rectang	ular C	ircular	18903-5400				
Wet Wells	Size		25′						
	Structure	Mason	ry	RCC					
	Railing	Yes		No					

	Integrated	d Develoni	meni	Δnc	1 Asset N	Management Plan (IDAMP)
	integrated					ee Jhang
		1414	umci	puic	.0111111111	cc onding
Form:	Sewera	ge Dispos	al St	atio	า	Asset
IDAMP-A7		ondition A				Da
	No. of					
	Delivery					
	Pipes					
	Dia					A REPORT OF THE PERSON NAMED IN
Force Main	Material	No	Ford	e Ma	nin	Jhang, Punjab, Pakis
. or oc man	Starting	110	. 0. 0			Unnamed Road, Jhang Lat 31.282028°
	Point					Long 72.33406°
	Ending Point					26/01/23 06:36 PM GN
	Length					
	Size		2.5	v3'		
Sullage	Shape	R		ngula	r	
Carrier	Length	111	50		11	
	Condition	Good		air	Poor	THE PARTY OF THE P
Delivery	Dia		8	"		
Pipe	Material		С	.		
Suction	Dia		8	"		
Pipe	Material		С	.		
	Sluice		2)		
	Valves			-		Jhang, Punjab, Pakistai Unjanned Road, Jhana, Punja Last 41,284,017*
Number of	Non-Return		2)		2000 20 Long 72 3360Mg 20 20 20 20 20 20 20 20 20 20 20 20 20
Valves	Valves					
	Penstock		2) -		
Ultimate Dis	Valves	Open Field			1	-
Civil Structu					Poor	
Control Roor		Good		air	Poor	
Discharge Bo		Good		air	Poor	
	Pump House	Good		air	Poor	
Hoisting Gird		Yes			No	
Boundary Wa	all & Gate	Yes			No	
Treatment o	f Sewage	Yes			No	
Wastewater	daily					
discharge in			238	846		
(based or				, , ,		
information						
Ultimate wastewater?	disposal of					
	ro-Mechanical	Fauinmer	nt Do	taile		
	of WAPDA	Lquipinei				
Feeders	J. 1171. D.		1			
Transformer	Capacity		20			
(kVA)			20	<u> </u>		
Number of M		2				
Sanctioned L		4	0			
Power	Yes			No		
Improvemen						
Service Cabl		Yes			No	
Power Wiring		Yes			No	-
Earthing of N	ΛΟΣΟΓ	Yes			No	J



Asset Code:



	Integrated Development And Asset Management Plan (IDAMP)								
	Municipal Committee Jhang								
Form: IDAMP-A7		ge Disposal St andition Asses			Ass	set Code: Date: 26-01-2023			
Earthing of N	ICU	Yes	No						
Generator A	vailability	Yes	No						
Light Wirin House	g of Pump	Yes	No						
Change Over		Yes	No						
			Pump Deta	il					
		Р	ump A		Pu	mp B			
Pump Type		Sub	mersible		Subn	nersible			
Pump Brand			KSB		ŀ	KSB			
Pump Paint		Good	Fair	Poor (Good Fa	ir Poor			
Motor Brand		S	iemens		Sie	emens			
Installation \	ear of Pump		2008		2	008			
Discharge	Capacity		5			5			
(Cusecs)									
Rotational S	peed (RPM)		960		960				
Head (ft.)			40		40				
Motor Power			50			50			
Pump Daily I (Hours)	Running Time		12			16			
Base Plate		Yes	No)	Yes	No			
	Sluice Valve			2					
Number of Valves	Non- Returning Valve			2					
			Overall Rati	ng					
Average Score	1	2		3	4	5			
Asset Condition	Excellent	Good	F	air	Poor	Failing			
Category	Α	В		C	D	E			
		Rema	rks / Requi	ements					
these • Electr									
	ed By: Mr. Abdu		tion: Team M	lember	Jufoh Sign & Date: 15 May 2023				
					Designation: Team Lead				
Data Checked	d By: Mr. M Fiaz	z Designa	tion: Team L	ead	W	15 May 2023 Duffy 15 May 2023			

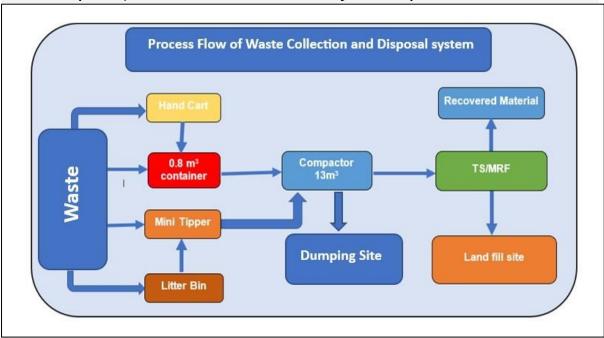
C.	Vehicles/ Machinery							
Sr #	Name	Registration Number	Age (Years)	Condition	Status	Book Value (PKR Mil)	Capacity	
1	Suction Machine-Nissan	JGJ-14-16	14	Fair	Functional	4.8	180 Hp	
2	Jetting Machine-Nissan	JGJ-14-15	16	Fair	Functional	4.3	180 Hp	
3	Dewatering Sets (Total No. 51)	Not applicable -	Not Available -	Good	Functional	Not Available	Not Available	
4	Shoulder Foggers (Total No. 12)	Not Applicable	10	Fair	Functional		Not Available	
5	Spray Pumps (Total No. 18)	Not Applicable	10	Fair	Functional		Not Available	
6	Safety Gear	Not Available						
7	Sewer Safety Equipment (Total No. 3)	Not Applicable	10	Fair	Functional		Not Available	

Inte	Integrated Development And Asset Management Plan (IDAMP)									
Municipal Committee Jhang										
Form: Moveable Asset Asset Code: IDAMP-A16 Asset Condition Assessment Date: 26-01-202										
Type of Vehicle / Machinery	Pict	Pictures								
Sucker Machine Jetting Machine										
	Sucker Machine	Jetting Machine								
Capacity	4500 Liters	4500 Liters								
Purpose	Suction	Jetting								
Year of Manufacturi	-	2007								
Model	PKB-211	Nissan								
Capital Cost	Not Available	Not Available								
Fuel Consumption (lit/month)	on 694	146								
Condition	Fair	Fair								
Engine Capacity	180hp	180hp								
Maintenance Cost	Not Available	Not Available								

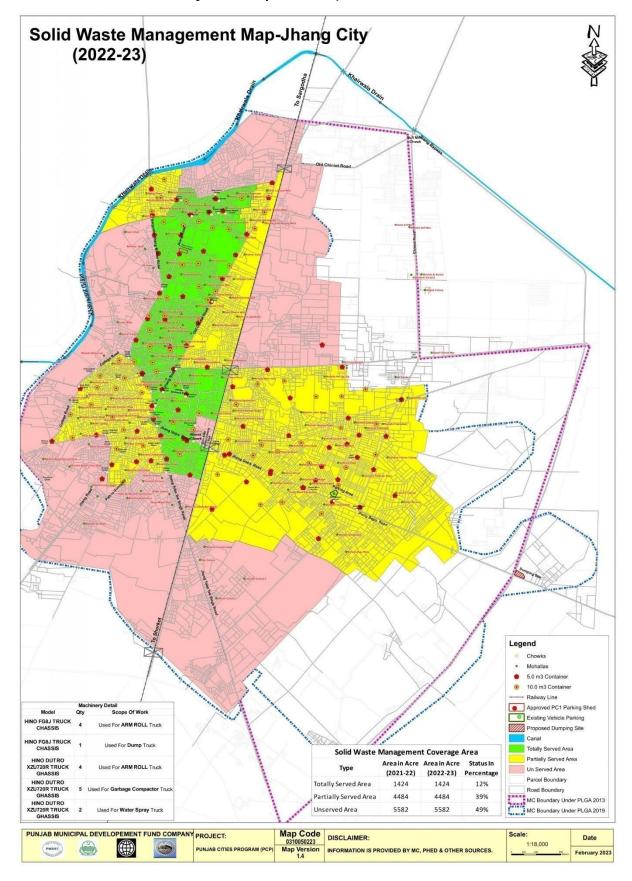
Oiling /Fitness		Yes	Yes						
Fitness Certificate		No	No						
Registered		JGJ-14-16	JGJ-14-15						
Overall Rating		Fair	Fair						
Remarks / Requirements									
No remarks									
Data Collected By: Mr. Abdullah		Designation: Team Member	Julsh Sign & Date: 15 May 2023						
Data Checked By: Mr. M Fiaz		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



A. Dumping Site

Sr #	Name	Age (Years)	Condition	Status	Book Value (PKR Mil)	Area (Acres)	Ownership
1	Dumping Site,	10	Poor	Functional	1550	10	Private
	Gojra Road						
2	Dumping Site,	8	Poor	Functional	800	5	Private
	Sargodha Road						

	lr	itegrat	ed Deve	_			set Manageme mittee Jhang	nt Plan (IDAMP)
Form:							oing Site	Asset C
IDAMP-A1:	1.1						sessment	Dat
Name					Roa			Pictures
I ACSTIAN —	_atitu				1084			
	ongit	tude)134			
Address			G	_	Roa	ad <u>be</u>	-	
Area (Acres)				1	.0			
Distance fr	om	urban		12	km			
area Year the si							-	
				20	13			
for dumping Average was							-	
daily	ste uu	ilipeu						
(based on i	nform	nation	Not Available			ble		
provided by		iation						
EHS SOPs		waste						
handlers			Not Available			ble		
Availability	of PP	Es for						
•		ctors/	Yes			No		
handlers						N. Contraction		
Expected Lif	e (Ye	ars)		2	20			
Land Owners	ship		Private					
Site Accessi	bility		Fair					
Surface Typ	e		Flat		Depress ed			Jhang, Punjab, Jhang - Gojra Rd, Jl
Approach		Road	Goo	F	air	Poor		Pakistan Lat 31.240827°
Condition			d		a II	F 001	Google	Long 72.401347° 26/01/23 05:50 PM
Parking She			Yes		No			
Boundary Wall			Yes	1	No			
Gate		Yes		No				
Ramps		Yes		No				
Any Building at Site		Yes		No				
Weigh Bridge		Yes			No			
Earth Cover		Yes			No			
Arrangemen								
Compaction			Yes			No		
Plantation A	round	Site	Yes			No		



Asset Code:

Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Jhang									
Form: IDAMP-A11.	ı		Solid Waste Dum sset Condition A		Asset Code: Date: 26-01-2023				
Any illegal occupants or encroachments Nobserved-if yes, type			Not Available						
			Overall	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					
is not a pr	oper dispo	sal of	wastes and dispos solid wastes in re te project for the	espect of enviror	ment and utiliza	tion of land.MC			
Data Collect Abdullah	ed By:	Mr.	Designation: Te	eam Member	Jul Sign & Date: 15 May 2023				
Data Checked L	By: Mr. M F	iaz	Designation: Te	eam Lead	Sign & Date: 15	yny 5 May 2023			

Integrated Development And Asset Management Plan (IDAMP)										
			Mu	nicipal	Com	mittee Jhai	ng			
Form: IDAMP-A11.2		Solid Waste Dumping Asset Condition Asset						Asset (Code: te: 26-01-2023	
Name		Sa	rgod	ha Roa	d			Pictures		
Location Lati	itude	31.299912								
Lon	72.326731									
Address		Sa		ha Roa -	d	-				
Area (Acres)				5		-				
Distance from			10	km						
Year the site for dumping se	rvice		20	15						
Average waste daily (based on info provided by MC	rmation			ailable/					8	
EHS SOPs for handlers		N	ot Av	ailable/	!				\$ 19 miles	
Availability of F waste collectors/hand	llers	Ye	S	N	0					
Expected Life (.0						
Land Ownership		Private						10 mg		
Site Accessibili	ty	Fair			STATE OF THE SECOND					
Surface Type		Fla	t	Depr e						
Approach Condition	Road	Goo d			Poor	1000		Jhang, Punjab, Pal	☐ GPS Map Camera	
Parking Shed		Yes		No			78XG+MM5, Jhang, F Lat 31.299912°			
Boundary Wall		Ye		N ₁				Long 72.326731°		
Gate		Yes		N N		Google		26/01/23 03:22 PM G	MT +05:00	
Ramps Any Building at	Sito	Ye.		N						
Weigh Bridge	Jite	Ye		N						
Earth Arrangements	Cover	Ye		N						
Compaction Eq	uipment	Ye	S	N	0					
Plantation Arou		Ye	S	N	0					
Any illegal occupants or encroachments observed-if yes, type		N	Not Availab		!					
Overall Rating										
Average Score	verage Score 1			2		3		4	5	
Asset Condition	Exce	ellent		nt Good		Fair		Poor	Failing	
Category	A			В		С		D	E	
B (1)	10 - 11 1	11 1				equirements		- 1 - 1		
	Presently MC collects solid wastes and dispose off at plain area dumping site i.e.5 acres. This is not a proper disposal of solid wastes in respect of environment and utilization of land.MC									

should be given a landfill site project for the better utillization of available land.

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

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	4	4400 CC
2	Tractor-AGTL	JGG 1052	1	17	Fair	Functional	0.56	85 HP
3	Tractor-AGTL	JGG 1051	1	17	Fair	Functional	0.57	85 HP
4	Tractor-Millat	JGG 757	1	20	Fair	Functional	0.38	50 Hp
5	Tractor-Millat	JGG 754	1	20	Fair	Functional	0.39	75 HP
6	Tractor-Millat	JGJ-14-14	1	11	Good	Functional	0.7	75 HP
7	Tractor-Millat	JGJ-14-10	1	12	Good	Functional	0.73	75 HP
8	Tractor-Millat	JGJ-14-11	1	10	Good	Functional	0.75	75 HP
9	Tractor-Millat	JGJ-14-12	1	12	Good	Functional	0.73	75 HP
10	Tractor-Millat	JGJ-14-13	1	11	Good	Functional	0.7	75 HP
11	Tractor-Millat	JG 5659	1	43	Poor	Functional	0.1	50 Hp
12	Tractor-Millat	JGA 4768	1	34	Poor	Functional	0.2	50 Hp
13	Tractor-Millat	JGA 4765	1	34	Poor	Functional	0.2	50 Hp
14	Tractor-Millat	JGB 7108	1	25	Fair	Functional	0.25	75HP
15	Tractor-Millat	JGB 7148	1	30	Poor	Functional	0.22	50HP
16	Tractor-Millat	JG 5660	1	43	Poor	Functional	0.1	50HP
17	Hino	JGJ-14-40	1	9	Good	Functional	4	4009 CC
18	Tractor-Millat	Not Registered	1	17	Fair	Functional	0.57	75 HP
19	Isuzu	LEG-08- 3703	1	15	Fair	Functional	3.5	4400 CC
20	Tractor-Millat	JGJ-17-41	1	6	Good	Functional	1	85 HP
21	Tractor-Millat	JGJ-17-42	1	6	Good	Functional	1	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	0.07	150 CC
23	Rickshaw- Road Prince	Rickshaw No 10	1	6	Good	Functional	0.07	150 CC
24	Rickshaw- Road Prince	Rickshaw No.6	1	6	Good	Functional	0.07	150 CC
25	Rickshaw- Road Prince	Rickshaw No.5	1	6	Good	Functional	0.07	150 CC
26	Rickshaw- Road Prince	Rickshaw No.15	1	6	Good	Functional	0.07	150 CC
27	Rickshaw- Road Prince	Rickshaw No.14	1	6	Good	Functional	0.07	150 CC
28	Rickshaw- Road Prince	Rickshaw No.8	1	6	Good	Functional	0.07	150 CC
29	Rickshaw- Road Prince	Rickshaw No. 9	1	6	Good	Functional	0.07	150 CC
30	Rickshaw- Road Prince	Rickshaw No.4	1	6	Good	Functional	0.07	150 CC
31	Rickshaw- Road Prince	Rickshaw No.7	1	6	Good	Functional	0.07	150 CC
32	Rickshaw- Road Prince	Rickshaw No. 1	1	6	Good	Functional	0.07	150 CC
33	Rickshaw- Road Prince	Rickshaw No.12	1	6	Good	Functional	0.07	150 CC
34	Rickshaw- Road Prince	Rickshaw No.2	1	6	Good	Functional	0.07	150 CC
35	Rickshaw- Road Prince	Rickshaw No.11	1	6	Good	Functional	0.07	150 CC
36	Rickshaw- Road Prince	Rickshaw No.13	1	6	Good	Functional	0.07	150 CC
37	Isuzu-FTR	LEG 3705	1	16	Fair	Functional	4.3	4400CC
38	Isuzu-NPR	ISA 270	1	Not Available	Fair	Functional	Not Available	4400CC
39	Isuzu-NPR	ISA 283	1	Not Available	Fair	Functional	Not Available	4400CC
40	Isuzu-NPR	ISA 291	1	Not Available	Fair	Functional	Not Available	4400CC
41	Isuzu-NPR	ISA 294	1	Not Available	Fair	Functional	Not Available	4400CC
42	2.5-5 m3 containers (Total No. 150)	Not applicable	150	Not Available	Good	Functional	Not Available	Not Available
43	Mobile Workshop	Not applicable	1	1	Excellent	Functional	1.0602	Not Available

Sr #	Name	Registration Number	Quantity	Age (Years)	Condition	Status	Book Value (PKR Mil)	Capacity
44	Hand Cart Waste Tipping Trolley	Not applicable	5	1	Excellent	Functional	0.0675	Not Available
45	Excavator	Not applicable	1	1	Excellent	Functional	33.075	Not Available
46	Garbage container 0.8 (Cubic meter)	Not applicable	228	1	Excellent	Functional	0.0702	0.8 (Cubic meter)
47	Hand Cart Conventional	Not applicable	182	1	Excellent	Functional	0.0328	Not Available
48	Arm roll truck 5 (Cubic meter)	Not applicable	4	1	Excellent	Functional	7.4025	5 Cubic meter
49	Arm roll truck 10 (Cubic meter)	Not applicable	4	1	Excellent	Functional	14.103	10 (Cubic meter)
50	Garbage Compactor 8 (Cubic meter)	Not Available	5	1	Excellent	Functional	9.36	8 (Cubic meter)
51	Mini Tipper 1 (Cubic meter)	Not Available	12	1	Excellent	Functional	1.6578	1 (Cubic meter)
52	Water Truck Spray system	Not Available	2	1	Excellent	Functional	8.46	1200 gallon
53	Dump Truck 10 (Cubic meter)	Not Available	1	1	Excellent	Functional	14.103	10 (Cubic meter)
54	Tractor Model MF- 385 4WD	Not Available	7	1	Excellent	Functional	2.2302	385 4WD
55	Mechanical Sweeper	Not Available	2	1	Excellent	Functional	1.9296	Not Available

Tractor Summer Pictures Pictures Pictures	Int	tegrated Dev	elopment And As	set Managemer	nt Plan (II	DAMP)		
Tractor Tractor Tractor No. 1 Tractor No. 2 Tractor No. 3 Capacity 85 Hp 85 Hp 50 Hp Purpose SWM 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 (it/month) Condition Fair Fair Fair Fair Engine Capacity 85 Hp 85 Hp 50 Hp Maintenance Cost Not Available N			Municipal Com	mittee Jhang				
Tractor Tractor No. 1 Tractor No. 2 Tractor No. 3 Capacity 85 Hp 85 Hp 50 Hp Purpose SWM 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 Consumption (Iti/month) Condition Fair Fair Fair Engine Capacity 85 Hp 85 Hp 50 Hp Maintenance Cost Not Available Not Available Not Available Oilling /Fitness Yes Yes Yes Yes Fitness Certificate No No No No Registered JGG 1052 JGG 1051 JGG 757 Overall Rating Fair Fair Fair Remarks / Requirements Data Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 15 May 2023								
Tractor Tractor No. 1 Tractor No. 2 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 Consumption (iti/month) 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 Yes Fitness Certificate No No No No Registered JGG 1052 JGG 1051 JGG 757 Overall Rating Fair Fair Fair Remarks / Requirements Data Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 15 May 2023			sset Condition As	sessment		Date: 26-01-2023		
Tractor No. 1 Tractor No. 2 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 Consumption (It/month) Condition Fair Fair Fair Engine Capacity 85 Hp 85 Hp 50 Hp Maintenance Cost Not Available Not Available Not Available Oiling /Fitness Yes Yes Fitness Certificate No No No No Registered JGG 1052 JGG 1051 JGG 757 Overall Rating Fair Fair Fair Remarks / Requirements Data Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 15 May 2023		e /		Picture	Pictures			
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 Consumption (lit/month) 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 No Registered JGG 1052 JGG 1051 JGG 757 Overall Rating Fair Fair Fair Remarks / Requirements Data Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 15 May 2023								
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 Consumption (lit/month) Condition Fair Fair Fair Engine Capacity 85 Hp 85 Hp 50 Hp Maintenance Cost Not Available Not Available Not Available Oiling /Fitness Yes Yes Fitness Certificate No No No No Registered JGG 1052 JGG 1051 JGG 757 Overall Rating Fair Fair Fair Remarks / Requirements Data Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 15 May 2023								
Year of Manufacturing200620062003ModelFIAT NH 640FIAT NH 640MF 240Capital CostNot AvailableNot AvailableNot AvailableFuelConsumption (lit/month)12510048ConditionFairFairFairEngine Capacity85 Hp85 Hp50 HpMaintenance CostNot AvailableNot AvailableNot AvailableOiling /FitnessYesYesYesFitness CertificateNoNoNoRegisteredJGG 1052JGG 1051JGG 757Overall RatingFairFairFairRemarks / Requirements• No remarksData Collected By: AbdullahMr.Designation: Team MemberJuly AugustSign & Date: 15 May 2023			· · · · · · · · · · · · · · · · · · ·)	,		
Model FIAT NH 640 FIAT NH 640 MF 240 Capital Cost Not Available Not Available Not Available Fuel Consumption (lit/month) 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 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 Sign & Date: 15 May 2023								
Capital Cost Not Available Not Available Fuel Consumption (lit/month) Condition Fair Engine Capacity 85 Hp 85 Hp 85 Hp Maintenance Cost Not Available Not Av								
Fuel Consumption (lit/month) 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 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 Sign & Date: 15 May 2023								
(lit/month) Condition Fair Fair Fair Fair Engine Capacity 85 Hp 85 Hp Maintenance Cost Not Available Not Availabl				Not Availa	able	Not Available		
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 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 Sign & Date: 15 May 2023		ption	125	100		48		
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 Sign & Date: 15 May 2023 Sign & Date: 15 May 2023 Sign & Date: 15 May 2023	Condition		Fair	Fair		Fair		
Oiling /Fitness Yes Yes Yes Fitness Certificate No 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 Sign & Date: 15 May 2023	Engine Capacity		85 Hp	85 Hp		50 Hp		
Fitness Certificate No No No No Registered JGG 1052 JGG 1051 JGG 757 Overall Rating Fair Fair Fair Fair Remarks / Requirements • No remarks Data Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 15 May 2023			Not Available			Not Available		
Registered Overall Rating Fair Fair Remarks / Requirements No remarks Data Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 15 May 2023	Oiling /Fitness		Yes	Yes		Yes		
Overall Rating Fair Fair Fair Remarks / Requirements No remarks Data Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 15 May 2023	Fitness Certificate	;	No	No		No		
Overall Rating Fair Fair Fair Remarks / Requirements No remarks Data Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 15 May 2023	Registered		JGG 1052	JGG 10!	51	JGG 757		
Pata Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 15 May 2023 Mayury	-	j l	Fair	Fair		Fair		
Data Collected By: Mr. Abdullah Designation: Team Member Sign & Date: 15 May 2023 Maythy			Remarks / Re	quirements				
Abdullah Designation: Team Member Sign & Date: 15 May 2023 Mayfry	No remarks							
Data Checked By: Mr. M Fiaz Designation: Team Lead		By: Mr.	Designation: Tea	am Member	Julih Sign & Date: 15 May 2023			
Sign & Date: 15 May 2023	Data Checked By: N	Mr. M Fiaz	Designation: Tea	am Lead	Sign & Date: 15 May 2023			

Integr	ated Dev	elopme	ent And Asset N	Managemer	nt Pl	an (IDAMP)	
		Mun	icipal Committe	ee Jhang			
Form:			oveable Asset			Asset Co	
IDAMP-A16.2	Α	sset Co	ndition Assess	ment		Date	26-01-2023
Type of Vehicle / Machinery				Picture	s		
Tractor							
		ctor o.4	Tractor No. 5	Tractor No.6	•	Tractor No. 7	Tractor No. 8
Capacity	75	Нр	75 Hp	75 Hp		75 Hp	75 Hp
Purpose	S۱	٧M	SWM	SWM		SWM	SWM
Year of Manufacturing	20	003	2012	2011		2013	2011
Model	MF	375	MF 375	MF 375		MF 375	MF 375
Capital Cost		ot ilable	Not Available	Not Available		Not Available	Not Available
Fuel Consumption	1	17	70	75		83	175
Condition	F	air	Fair	Fair		Fair	Fair
Engine Capacity	75	Нр	75 Hp	75 Hp		75 Hp	75 Hp
Maintenance Cost	I	ot ilable	Not Available	Not Availabl	е	Not Available	Not Available
Oiling /Fitness	Y	es	Yes	Yes		Yes	Yes
Fitness Certificate	N	10	No	No		No	No
Registered	JGG	754	JGJ-14-14	JGJ-14-1	10	JGJ-14-11	JGJ-14-12
Overall Rating	F	air	Fair	Fair		Fair	Fair
Remarks / Requirements • No remarks							
Data Collected By Abdullah	v: Mr.	Desig	nation: Team M	lember	Sig	Juli gn & Date: 15 I	
Data Checked By: Mr. I	M Fiaz	Designation: Team Lead			Sign & Date: 15 May 2023		

Integrated Development And Asset Management Plan (IDAMP)									
		Mun	icipal Committe	ee Jhang					
Form:			oveable Asset			Asset Co	de:		
IDAMP-A16.3	A	sset Co	ndition Assess	ment		Date:	: 26-01-2023		
Type of Vehicle / Machinery		Pictures							
Tractor									
		ctor o.9	Tractor No. 10	Tractor No.11	-	Tractor No. 12	Tractor No. 13		
Capacity	75	Нр	50 Hp	50 Hp		50 Hp	75 Hp		
Purpose	SV	٧M	SWM	SWM		SWM	SWM		
Year of Manufacturing	20)12	1980	1989		1989	1998		
Model	MF	375	MF 240	MF 240		MF 240	MF 375		
Capital Cost		ot ilable	Not Available	Not Available		Not Available	Not Available		
Fuel Consumption	1	75	72	87		36	75		
Condition	F	air	Poor	Poor		Poor	Poor		
Engine Capacity	75	Нр	50 Hp	50 Hp		50 Hp	75 Hp		
Maintenance Cost		ot ilable	Not Available	Not Availabl	e	Not Available	Not Available		
Oiling /Fitness	Y	es	Yes	Yes		Yes	Yes		
Fitness Certificate	N	10	No	No		No	No		
Registered	JGJ-	14-13	JG 5659	JGA 476	8	JGA 4765	JGB 7108		
Overall Rating	F	air	Poor	Poor		Poor	Poor		
No remarks	Remarks / Requirements • No remarks								
Data Collected By Abdullah	: Mr.	Desig	nation: Team M	lember	Sig	July in & Date: 15 N			
Data Checked By: Mr. N	1 Fiaz	Designation: Team Lead			Sign & Date: 15 May 2023				

Inte	grated De	velopment <i>i</i>	And Asset Manage	ment Plan (IDAMP	2)		
		Municipa	al Committee Jhan	g			
Form: IDAMP-A16.4			ible Asset ion Assessment		Code: ate: 26-01-2023		
Type of Vehicle /		133et Conun			die. 20 01 2025		
Machinery			Pict	ures			
Tractor	Tractor No.14 Tractor No. 15 Tractor No.16 Tractor No. 17						
	Trac		Tractor No. 15	Tractor No.16	Tractor No. 17		
Capacity		50 Hp	50 Hp	85 Hp	85 Hp		
Purpose Year of Manufactur	ina	SWM 1993	SWM 1980	SWM 2017	SWM 2017		
Model		1993 MF 240	MF 240	MF 385	MF 385		
Capital Cost		Available	Not Available	Not Available	Not Available		
Fuel Consumption	1101	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	J(GB 7148	JG 5660	JGJ-17-41	JGJ-17-42		
Overall Rating		Poor	Poor	Good	Good		
		Remar	ks / Requirements				
No remarks							
Data Collected Abdullah	By: Mr.	Designati	Designation: Team Member		-19h 15 May 2023		
Data Checked By: M	r. M Fiaz	Designati	on: Team Lead	wg	May fry		
		Sign & Date: 15 May 2023					

Integrated Development And Asset Management Plan (IDAMP)									
		Muni	cipal Committe	ee Jhang					
Form: IDAMP-A16.5	A		veable Asset ndition Assess	ment		t Code: Pate: 26-01-2023			
Type of Vehicle / Machinery		Pictures							
Loader Rickshaw									
		shaw	Rickshaw	Ricksha					
Caracita		0.1	No.2 1.5 m ³	No.3 1.5 m ³	No.4	No.5			
Capacity		5 m ³							
Purpose Vear of Manufacturing		VM	SWM 2017	SWM	SWM 2017	SWM			
Year of Manufacturing		17		2017		2017			
Model		ot	RP150-LD Not	RP150-L Not	D RP150-L Not	_D RP150-LD Not			
Capital Cost		lable	Available	Availabl					
Fuel Consumption (lit/month)	4	8	8	8	8	18			
Condition		od	Good	Good	Good	Good			
Engine Capacity		Осс	150 cc	150 cc					
Maintenance Cost		ot Iable	Not Available	Not Availabl	e Availab	Not le Available			
Oiling /Fitness	Y	es	Yes	Yes	Yes	Yes			
Fitness Certificate	١	lo	No	No	No	No			
Registered		shaw o.3	Rickshaw No 10	Ricksha No 6	w Ricksha No 5	w Rickshaw No 15			
Overall Rating	Go	od	Good	Good	Good	Good			
		Rer	narks / Requir	ements					
No remarks									
Data Collected By: Abdullah	Mr.	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)									
		Muni	cipal Committe	ee Jhang					
Form: IDAMP-A16.6	Α		veable Asset ndition Assess	ment	Asset (Da	Code: te: 26-01-2023			
Type of Vehicle / Machinery		Pictures							
Loader Rickshaw									
		shaw	Rickshaw	Ricksha					
Canacitu		0.6	No.7	No.8	No.9	No.10			
Capacity		5 m ³	1.5 m ³	1.5 m ³		1.5 m ³			
Purpose Year of Manufacturing	_	<u>VM</u>)17	SWM 2017	SWM 2017	SWM 2017	SWM 2017			
Model		50-LD	RP150-LD	RP150-L					
Model	_	ot	Not	Not	Not	Not			
Capital Cost		ilable	Available	Availabl					
Fuel Consumption (lit/month)	1	.6	32	16	18	20			
Condition	_	od	Good	Good	Good	Good			
Engine Capacity		0 сс	150 cc	150 cc		150 cc			
Maintenance Cost	Ava	ot ilable	Not Available	Not Availabl	Not e Available	Not Available			
Oiling /Fitness	_	es	Yes	Yes	Yes	Yes			
Fitness Certificate	_	10	No	No	No	No			
Registered		shaw 14	Rickshaw No 8	Ricksha No 9	w Rickshaw No 4	Rickshaw No 7			
Overall Rating	Go	ood	Good	Good	Good	Good			
Remarks / Requirements • No remarks									
Data Collected By Abdullah	Mr.	Designation: Team Member			Jufoh Sign & Date: 15 May 2023				
Data Checked By: Mr. M	 I Fiaz	Designation: Team Lead			Sign & Date: 15 May 2023				

ln ⁻	tegrat	ted Dev	elopme	ent And Asset N	Managemer	nt Pla	an (IDAMP)		
			Muni	icipal Committe	ee Jhang				
Form:				oveable Asset	_		Asset Co		
IDAMP-A16.7		A:	sset Co	ndition Assess	ment		Date:	26-01-2023	
Type of Vehicle	· /				Picture	S			
Machinery						7		eri	
Loader Ricksh	aw				MARGEMA CHARACTER AREAS			7	
		Rick	shaw	Rickshaw	Ricksha	W	Rickshaw	Rickshaw	
			.11	No.12	No.13		No.14	No.15	
Capacity			m ³	1.5 m ³	$1.5 \mathrm{m}^{3}$		1.5 m ³	1.5 m ³	
Purpose			VM	SWM	SWM		SWM	SWM	
Year of Manufactu	ıring		17	2017	2017		2017	2017	
Model			50-LD	RP150-LD	RP150-L	.D	RP150-LD	RP150-LD	
Capital Cost			ot Iable	Not Available	Not Availabl	e	Not Available	Not Available	
Fuel Consump (lit/month)	otion		1	10	20		7	13	
Condition			od	Good	Good		Good	Good	
Engine Capacity			Осс	150 cc	150 cc		150 cc	150 cc	
Maintenance Cost			ot Iable	Not Available	Not Availabl	е	Not Available	Not Available	
Oiling /Fitness		Y	es	Yes	Yes		Yes	Yes	
Fitness Certificate	5		lo	No	No		No	No	
Registered			shaw	Rickshaw	Ricksha	W	Rickshaw	Rickshaw	
_			0 1	No 12	No 2		No 11	No 13	
Overall Rating		GC	od	Good	Good		Good	Good	
• No remarks									
Data Collected 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)										
		Muni	cipal Committ	ee Jhang						
Form: IDAMP-A16.8	A:		veable Asset ndition Assess	ment		Asset Co	de: : 26-01-2023			
Type of Vehicle / Machinery		Pictures								
Truck	Jhang Sadar, Punjab, Pakistan 78H7+693, Circular Rd, Madina Colony, Jhang Sadar, Jhang, Punjab, Pakistan Lat 31.278902° Long 72.313355° 27/01/23 08:48 AM GMT +05:00					GPS Map Camera				
		No.1	Truck No.2	Truck No	.3	Truck No.4	Truck No.5			
Capacity	5	m ³	5 m ³	5 m ³		5 m ³	5 m ³			
Purpose	Sewe	erage	SWM	Fire Fighting		Crane Lifter	Fire Fighting			
Year of Manufacturing	20	09	2004	2011		2014	2011			
Model	PKB	-211	FTR	ISUZU Truck		HINO 300	ISUZU NPR			
Capital Cost		ot Iable	Not Available	Not Available		Not Available	Not Available			
Fuel Consumption (lit/month)	69	94	267	146		344	139			
Condition	Fa	air	Fair	Good		Good	Good			
Engine Capacity) HP	4400 cc	8226 cc		4009 cc	4334 cc			
Maintenance Cost		ot Iable	Not Available	Not Availab	le	Not Available	Not Available			
Oiling /Fitness	Y	es	Yes	Yes		Yes	Yes			
Fitness Certificate	N	lo	No	No		No	No			
Registered	JGJ-	14-15	JGJ-12-51	JGJ-14-	40	JGJ-12-52	LEG-08- 3703			
Overall Rating	Fa	air	Fair	Good		Good	Good			
• No remarks										
Data Collected By: Abdullah	Mr.	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)										
		Muni	cipal Committ	ee Jhang						
Form: IDAMP-A16.9	A:		veable Asset ndition Assess	ment	Asset Co Date	ode: e: 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									
	Truck No.6		Truck No.7	Truck No	.8 Truck No.9	Truck No.10				
Capacity	5 m ³		5 m^3	5 m ³	5 m ³	5 m ³				
Purpose	SWM		SWM	SWM	SWM	SWM				
Year of Manufacturing	2007		Not Available	Not Availabl	Not e Available	Not Available				
Model	FTR		NPR	NPR	NPR	NPR				
Capital Cost		ot Iable	Not Available	Not Availabl	Not	Not Available				
Fuel Consumption (lit/month)		44	600	460	125	490				
Condition	Fa	air	Fair	Fair	Fair	Fair				
Engine Capacity		0 cc	4400 cc	4400 co		4400 cc				
Maintenance Cost	N	ot Iable	Not Available	Not Availabl	Not	Not Available				
Oiling /Fitness		es	Yes	Yes	Yes	Yes				
Fitness Certificate		lo	No	No	No	No				
Registered		3705	ISA 270	ISA 283		ISA 294				
Overall Rating		air	Fair	Fair	Fair	Fair				
- recall receiving	· · ·		narks / Requir	L	1 411					
No remarks			, , , , ,							
Data Collected By: Abdullah	Mr.	Designation: Team Member			Juf Sh Sign & Date: 15 May 2023					
Data Checked By: Mr. M	Fiaz	Desigr	nation: Team L	waypy						

4. Building

Offices

Sr #	Name	Age (Years)	Condition	Total	Book Value (PKR Mil)	Area
1	MC Office	Before	Good	1	160	1.1
		Partition				
2	Library	Not Available	Good	1		0.36

	- 1	ntegrated Deve	elopment An	ıd Asset Maı	nagement Plan (IDAMP)
			Municipal	Committee	Jhang
Form	:		Build		Asset C
IDAMP-A	14.2	As	set Conditio		
Name				Office	Pictures
Location	Latit			78858	
Location	Long	itude		13140	
Address				oad, Jhang dar	
Year of Co	nstruc	tion	Before	Partition	
Land Area	(Acre	s)	1	.1	
No. of Sto	ries			1	
Condition			Good F	air Poor	
Purpose				al Affairs	
No. of Sta				vailable	
No. of Roc				37	
		ting Room	Yes	No	
Store Roo			Yes	No	_ S
Study Roo		ok Shelf	Yes	No	
Boundary			Yes	No	
Heating Arrangem	& ent	Cooling	Yes	No	مخصيل كواني بحثان
Parking Lo	ots		Yes	No	
Drinking W	later F	acilities	Yes	No	
water (based o quality tes	n ava strepo		Yes	No	
Washroom System	is /	Sewerage	Yes	No	
Separate Ladies	Was	shroom for	Yes	No	
Prayers A	rea/ro	om	Yes	No	
Furniture			Yes	No	
Electric Etc.)	Applia	inces (Fans	Yes	No	
Machinery	& Equ	ipment	Yes	No	
Sports Clu			Yes	No	
Staff Atte	ndance	System	Yes	No	
Emergenc	y Aları	m System	Yes	No	



Asset Code: _____ Date: 26-01-2023

Pictures

	Integrated Dev	elopment And	d Asset Mar	nagemer	nt Plan (IDAMP)				
Municipal Committee Jhang									
Form:		Buildi			Asset C				
IDAMP-A14.2	As	set Condition	Assessme	nt	Dat	te: 26-01-2023			
Fire Fighting Equipment	,	Yes	No						
Ramps for w entry gate	heel chairs at	Yes	No						
Security Guard	1	Yes	No						
Park/lawn plantation	outdoor/indoor	Yes	No						
		Ove	rall Rating						
Average Score	1	2	3	3	4	5			
Asset Condition	Excellent	Good	Fa	nir	Poor	Failing			
Category	Α	В		;	D	E			
		Remarks	/ Requirem	ents					
No remark	S								
Data Collect Abdullah	ed By: Mr.	Designation: Team Member			Sign & Date: 15				
Data Checked E	By: Mr. M Fiaz	Designation.	: Team Lead	1	Sign & Date: 15	yly 5 May 2023			

Integrated Development And Asset Management Plan (IDAMP)										
Municipal Committee Jhang										
Form: IDAMP-A14.1 As:		Building set Condition Assessmer			Asset Code: nt					
Name			Library			Pictures				
Location	Latit	ude	31.299187							
Location	Long	itude	72.323742							
Address			Nawaz Sharif Park							
Year of Co	nstruc	tion	Not Available							
Land Area	(Acre	s)	0.36							
No. of Sto	No. of Stories		1			A THE RESERVE OF THE PARTY OF T				
Condition		Good	Fair	Poor						
Purpose	Purpose			Librar	У					
No. of Sta	ff		2							
No. of Rooms		3			Jhang, Punjab, Pakistan 78XF+8FV, Jhang Rd, Jhang, Punjab,					
Conference/Meeting Room		Yes		No	Pakistan Lat 31.293742*					
Store Room			Yes		No	Google 26/01/23 03:22 PM GMT +05:00				
Study Room/Book Shelf			Yes		No					
Boundary Wall			Yes		No					

Integrated Development And Asset Management Plan (IDAMP)									
Municipal Committee Jhang									
Form:	Asset Code:								
	Build set Conditio		nt	Date: 26-01-2023					
Heating & Cooling		NI -							
Arrangement	Yes	No							
Parking Lots	Yes	No							
Drinking Water Facilities	Yes	No							
Availability and quality of									
water	Yes	No							
(based on available water	163	NO							
quality test reports)									
Washrooms / Sewerage	Yes	No							
System	103	140							
Separate Washroom for	Yes	No							
Ladies									
Prayers Area/room	Yes	No							
Furniture	Yes	No							
Electric Appliances (Fans	Yes	No							
Etc.)			_						
Machinery & Equipment	Yes	No							
Sports Club	Yes	No							
Staff Attendance System	Yes	No							
Emergency Alarm System	Yes	No							
Fire Fighting System /	Yes	No							
Equipment									
Ramps for wheel chairs at	Yes	No							
entry gate	Yes	No	lo.						
Security Guard Park/lawn outdoor/indoor	res	INO							
Park/lawn outdoor/indoor plantation	Yes	No							
plantation	Ove	erall Rating							
Average Score 1	2		3	4	5				
Asset Condition Excellent	Good	Fa		Poor	Failing				
Category A	В	10		D	E				
		/ Requirem			_				
No remarks		,							
					1.41				
				Juloh					
Data Collected By: Mr. Abdullah	Designation	on: Team Me	mber						
				Sign & Date: 15 May 2023					
					•bı				
					walter				
Data Checked By: Mr. M Fiaz	Designation: Team Lead			DW 0					
				Sign & Date: 15 May 2023					
				Sigir & Date, 13	IVIAY ZUZS				

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

	Integrated Development and Asset Management Plan (IDAMP)													
	Municipal Committee Jhang													
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: Date: 26-01-2023		
SR ·	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachm ent Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
1	22046	Tehsil Road Jhang Sadar	31.273136 16	72.316934 82	64	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Anwar Iqbal	clothes shop
2	12008	Adjacent islamia School Jhang	31.271591 61	72.317275 62	80	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Saleem Ud Din	welding shop
3	15004	Mohallah Bhabrahan Jhang	31.277481 67	72.306306 67	570	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamma d Tahir	animal feed
4	14048	General Bus Stand Near Adhiwal Chowk Jhang City	31.288996 67	72.321573 33	225	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	shike abuzer	atuo shop
5	14082	General Bus Stand Jhang saddar	31.291418 33	72.321456 67	2720	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Haider Abbas	atuo work shop
6	14081	General Buss Stand Jhang	31.291281 67	72.322088 33	2720	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	atif sehzad	auto work shop
7	14024	Inside General Bus Stand Sarghodha Road	31.289158 33	72.32228	5440	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Sh. Zafar Iqbal	Auto Workshop

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 Property SR Shop Area No of Ownership Litigation Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories** Code Address Status ent Status Exist Status Name Status Inside General Bus 31.289231 72.322026 Owned/ Rented/ Sh. Zafar Auto 8 14023 Stand 5440 1 Commercial No No Good 67 67 Managed Leased labal Workshop Sarghodha Road Inside General Bus 72.322358 Auto Owned/ Rented/ 31.289525 9 14025 Stand 5440 1 Commercial No No Good Sh. Akram 33 Managed Leased Workshop Sarghodha Road Inside General Bus 31.289691 72.322471 Owned/ Rented/ baber Auto 5440 10 14027 Stand 1 Commercial No No Good 67 67 Managed Leased aslam Workshop Sarghodha Road Inside General Bus 72.322488 Owned/ Rented/ Baber Auto 11 14026 Stand 31.28968 5440 1 Commercial No No Good 33 Managed Workshop Leased aslam Sarghodha Road Inside General Bus Auto Owned/ Rented/ shike 12 14020 Stand 31.28983 72.322595 5440 1 Commercial No No Good Managed Leased aftab Workshop Sarghodha Road Inside General Bus Owned/ Rented/ sheikh Auto 13 14019 Stand 31.28988 72.322705 5440 1 Commercial No No Good Managed Leased aftab 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 Property SR Shop Area No of Ownership Litigation Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories** Code Address Status ent Status Exist Status Name Status Inside General Bus 31.290021 72.322978 Rented/ Auto Owned/ muhamma 14 14030 Stand 4080 1 Commercial No No Good 33 67 Managed Leased d inaam Workshop Sarghodha Road Inside General Bus 31.290141 72.322936 New Khan Auto Owned/ Rented/ 15 14031 Stand 5440 1 Commercial No No Good 67 67 Managed Leased Transport Workshop Sarghodha Road General Bus Stand Owned/ Rented/ Syed Ijaz Auto 16 14015 31.290365 72.322885 5440 1 Commercial No No Good Sarghodha Managed Leased Hussain Workshop Road Inside General Bus Syed 31.290386 72.322958 Owned/ Rented/ Auto 14033 Stand 5440 17 1 Commercial No No Good **Amjad** Workshop 67 33 Managed Leased Sarghodha Tagihah Road Inside General Bus 72.323176 Owned/ Rented/ ismaeel Auto 14060 31.2907 5440 18 Stand 1 Commercial No No Good 67 Managed Leased khan Workshop Sarghodha Road Inside General Bus 31.290788 Owned/ Rented/ Baloch Auto 72.32331 19 14061 Stand 5440 1 Commercial No No Good 33 Managed Leased Transport 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 Property SR Shop Area No of Ownership Encroachm Litigation Property Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories** Code Address Status ent Status Exist Status Name Status Inside General Bus 31.291071 72.323441 Owned/ Rented/ Auto 20 14034 Stand 5440 1 M. Zahid Commercial No No Good 67 67 Managed Leased Workshop Sarghodha Road Inside General Bus Rented/ Auto Owned/ lman 21 14028 Stand 31.29114 72.3235 5440 1 Commercial No No Good Managed Leased Niwaz Workshop Sarghodha Road Inside General Bus 31.291168 72.323293 Owned/ Rented/ Auto 22 2720 14039 Stand 1 Commercial No No Good M. Yaseen 33 33 Managed Leased Workshop Sarghodha Road Inside General Bus 31.291001 72.323208 Owned/ Rented/ shike Auto 23 14040 Stand 2720 1 Commercial No No Good 67 33 Managed Workshop Leased akram Sarghodha Road Inside General Bus 31.291123 72.322936 Rented/ Auto Owned/ shike 24 14036 Stand 2720 1 Commercial No No Good 33 67 Managed Leased akram Workshop Sarghodha Road Inside General Bus Μ. 31.290646 72.322346 Owned/ Rented/ Auto 25 14021 Stand 5440 1 Commercial No No Good Ashrafhah 67 67 Managed Leased Workshop Sarghodha een Road

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 Property SR Shop Area No of Ownership Litigation Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories** Code Address Status ent Status Exist Status Name Status Inside General Bus 31.291141 72.322686 Rented/ Auto Owned/ sarwer 26 14042 Stand 2720 1 Commercial No No Good 67 67 Managed Leased bashir Workshop Sarghodha Road Inside General Bus 31.291168 Muhamma Auto Owned/ Rented/ 27 14043 Stand 72.3225 2720 1 Commercial No No Good 33 Managed Leased d Asghar Workshop Sarghodha Road Inside General Bus 31.291208 Owned/ Rented/ Auto 28 72.322365 2720 14044 Stand 1 Commercial No No Good sabir ali 33 Managed Leased Workshop Sarghodha Road Inside Riaz ud General Bus 31.291208 72.322123 Owned/ Rented/ din & Auto 29 14045 Stand 2720 1 Commercial No No Good 33 33 Managed Zaheer ud Workshop Leased Sarghodha din Road Inside General Bus Mubashirh Auto Owned/ Rented/ 30 14046 Stand 31.291305 72.321795 2720 1 Commercial No No Good Managed Leased ahzad Workshop Sarghodha Road Inside General Bus 31.291443 Owned/ Rented/ Haji Auto 31 14038 Stand 72.32128 2720 1 Commercial No No Good 33 Managed Leased Tarighfaat 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 **Property** SR Area No of Litigation Shop **Property** Ownership Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) Code Address **Stories** Status ent Status Exist Status Name Status Inside General Bus 31.291476 72.321178 Ghulam Auto Owned/ Rented/ 32 14037 Stand 2720 1 Commercial No No Good 33 67 Managed Leased Muitaba Workshop Sarghodha Road 31.271694 Head Octroi 72.317586 Owned/ Rented/ Mazhar 19007 92 33 1 Commercial No No Good Autos Shop Post Jhang 45 32 Managed Leased Abbas Head Octroi 31.271700 72.317639 Owned/ Rented/ Mazher 34 19008 92 1 Commercial No No Good **Autos Shop** Post Jhang 81 Managed Leased Abbas Head Octroi 31.271701 Zafar Owned/ Rented/ 35 19022 72.317715 92 1 Commercial No No Good Autos Shop Post Jhang 67 Managed Leased Igbal General Bus Stand Near 31.289021 72.320963 Owned/ Rented/ 36 14075 Adhiwal 225 1 Commercial No No Good Khawer Autos Shop 67 33 Managed Leased Chowk Jhang City General Bus Stand Near Owned/ Rented/ Muhamam 37 14050 Adhiwal 31.28901 72.3214 225 1 Commercial No No Good Autos Shop Managed Leased d Muaz Chowk Jhang City Inside General Bus 72.322653 Owned/ Rented/ 38 14029 31.290025 1360 1 M. Yaqoob Stand Commercial No No Good **Autos Shop** 33 Managed Leased Sarghodha Road Inside 31.291096 72.323301 Owned/ Muhamma Rented/ 2720 39 14078 General Bus 1 Commercial No No Good **Autos Shop** 67 67 Managed d Ashraf Leased Stand

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 Property SR Area No of Litigation Shop Property Ownership Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories** Code Address Status ent Status Exist Status Name Status Sarghodha Road Sabri Manzil Circular Owned/ Rented/ Ghulam **Autos Shop** 40 17001 31.2772 72.314735 216 1 Commercial No No Good Road Jhang Managed Leased Sarwar fancy parts Sadar 72.316744 Tehsil Road 31.273539 Owned/ Rented/ Muhamma 41 22032 64 1 Commercial No No Good baan shop Jhang Sadar 35 41 Managed Leased d Asghar 31.273287 72.316855 Tehsil Road Owned/ Rented/ Muneer baancharp 22049 42 64 1 Commercial No No Good Jhang Sadar 99 58 Managed Leased Ahmad ai shop Tehsil Road 31.273327 72.316840 Owned/ Rented/ bag 22043 43 64 1 Commercial No No Good M.shafi Jhang Sadar 41 06 Managed Leased faroosh Toba Tek 31.270518 72.317628 Rented/ Owned/ Muhamma 44 23001 Singh Road 64 2 Commercial Partial No Good Bans Shop 33 33 Managed Leased d Hussain Jhang Sadar 31.273421 Tehsil Road 72.316803 Owned/ Rented/ bar Dana 22051 45 64 1 Commercial No No Good M. Tahir Jhang Sadar 67 33 Managed Leased shop General Bus Stand Near 31.289011 72.320941 Owned/ Rented/ Barbar hassan 14058 225 46 Adhiwal 1 Commercial No No Good 67 67 Managed Leased Shop ijaz Chowk Jhang City General Bus Stand Near 31.288983 Owned/ Rented/ Barbar 47 14052 Adhiwal 72.32121 225 1 Commercial No No Good baber 33 Managed Leased Shop 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 Property SR Area No of Ownership Litigation Shop Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories** Code Address Status ent Status Exist Status Name Status General Bus Stand Near 72.321278 Ahsanulla Barbar Owned/ Rented/ 14051 Adhiwal 31.28901 225 48 1 Commercial No No Good 33 Managed Leased Shop Chowk Jhang City Adjacent islamia 31.271916 72.317188 Owned/ Rented/ Hashmat Barbara 90 12038 1 Commercial No No Good School 01 67 Managed Leased Ullah shop **Jhang** Near TMA 31.278422 72.313535 Owned/ Rented/ Adnan Barber 50 21015 165 1 Commercial No No Good 48 95 Office Shop Managed Leased Aslam Adjacent islamia 72.317113 Barber Owned/ Rented/ 51 12001 31.27215 70 1 Commercial No No Good M. Hafeez School 33 Managed Leased Shop Jhang Adjacent 31.272103 72.317126 islamia Owned/ Rented/ Barber 52 12005 80 No 1 Commercial No Good M. Fiyaz School 33 67 Managed Leased Shop Jhana Tehsil Road 31.273588 72.316668 Zulafgar Owned/ Rented/ Barber 53 22034 64 1 No Good Commercial No Jhang Sadar 33 33 Managed Leased Ali shop Inside General Bus 31.289053 72.320873 Owned/ Rented/ barber hassan 54 14062 5440 Stand 1 Commercial No No Good 33 33 Managed Leased ijaz shop Sarghodha Road 31.272185 72.317092 Adjacent Owned/ Rented/ Barber 12002 70 55 1 Commercial No M. Hafeez No Good islamia 45 27 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 **Property** SR Area No of Litigation Shop **Property** Ownership Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) Code Address **Stories** Status ent Status Exist Status Name Status School Jhang Tehsil Road 31.273067 72.316894 Owned/ Rented/ Barton Intsaar 22015 56 64 1 Commercial No No Good Jhang Sadar 46 61 Managed Leased Ahmad store Tehsil Road 31.273589 72.316332 Owned/ Rented/ Rizwan bedsheet 22029 57 66 1 Commercial No No Good Jhang Sadar 49 94 Managed Leased abbas shop General Bus Owned/ Rented/ Muhamma 58 14083 31.2915 72.32142 2720 Stand Jhang 1 Commercial No No Good betry shop Managed Leased d Ansar saddar General Bus Stand Near 72.321711 Owned/ Rented/ Bettery 2720 59 14080 Adhiwal 31.291315 1 Commercial No No Good ansar ali 67 Managed Leased shop Chowk Jhang City General Bus Stand Near 31.288988 Owned/ Rented/ 72.321075 225 60 14055 Adhiwal 1 Commercial No No Good haji irshad bettry shop 33 Managed Leased Chowk Jhang City 31.271571 72.317213 Head Octroi Owned/ Rented/ Usman 19020 98 61 1 Commercial No No Good **Book Depot** Post Jhang 67 33 Managed Leased Haider 70870 City Hospital 31.304761 Owned/ Rented/ Muhamma 62 72.322005 40 1 **Book Depot** No Good Commercial No 04 Jhnag City 67 Managed Leased d Igbal Rented/ Head Octroi Owned/ Abubakar 19027 31.272115 72.31752 156 1 Commercial No No Good Book shop 63 Post Jhang Managed Leased Amin 72.317318 Head Octroi Owned/ Rented/ Ameer 19032 31.27185 75 1 64 Commercial No No Good Book shop Post Jhang 33 Managed Leased Hamza

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 Property SR Area No of Ownership Litigation Shop Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Status** Code Address **Stories** Status ent Status Exist Name Status Saddar 31.271798 72.317187 Owned/ Rented/ 19001 98 65 Chungi 1 No No Hafiz irfan Commercial Good book shop 69 72 Managed Leased Jhnag Adjacent islamia 31.271700 72.317249 Owned/ Rented/ 66 12042 63 1 Commercial No No Good M. Asif book shop 53 14 School Managed Leased Jhana Head Octroi 31.271911 72.317411 Owned/ Rented/ Book shop 19033 75 67 1 Commercial No No Good Hamza Post Jhang 67 67 Managed Leased aodown 31.274273 72.322783 Owned/ Rented/ iameel park Hassan 68 11001 144 2 Commercial Full No Good canteen canteen 33 33 Managed Leased Raza Amir Mohallah 31.277576 Owned/ Rented/ Perveez Chamrha 69 15001 72.306585 564 1 Bhabrana Commercial No No Good Karkhana 67 Managed Leased Akhtar Jhang Sadar 31.273174 Tehsil Road 72.316889 Owned/ Rented/ Muhamma chicken 70 22016 64 1 Commercial No No Good Jhang Sadar 57 69 Managed Leased d Magbool faroosh Chowk 72.324738 31.305246 Owned/ chicken Rented/ 71 402 Bazar Jhang 64 1 Commercial No No Good Abdul Aziz 67 33 Managed Leased shop City Adjacent clay 31.271861 72.317261 islamia Owned/ Rented/ 72 12039 56 1 Commercial No No Good Liagat Ali utensils School 67 67 Managed Leased shop **Jhang** Adjacent clay islamia 31.271656 72.317259 Owned/ Rented/ Abdul 73 12043 63 1 Commercial No No Good utensils School 91 92 Managed Leased Maalik 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 **Property** SR Area No of Litigation Shop Property Ownership Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Status** Code Address **Stories** Status ent Status Exist Name Status clay Tehsil Road 31.273123 Owned/ Rented/ 74 22047 72.3169 1 No No 64 Commercial Good Ghafoor utensils Jhang Sadar 33 Managed Leased shop Tehsil Road Owned/ Rented/ Muhamma 31.27335 75 22019 72.31679 64 1 Commercial No No Good cloth house Jhang Sadar Managed Leased d Arif 31.273733 Tehsil Road 72.316316 Owned/ Rented/ Rizwan 76 22039 66 1 Commercial No No Good cloth house Jhang Sadar 33 67 Managed Leased Abbas Shaheed 31.276108 72.315068 Owned/ Rented/ Saleem 77 20002 Road Sadr 164 1 Commercial No Yes Good Cloth Shop 33 33 Akhtar Managed Leased Jhang Shaheed 31.276176 Owned/ Rented/ Saleem 78 72.31514 20003 Road Sadr 164 1 Commercial No Yes Good Cloth Shop 67 Managed Leased Akhatar Jhang 31.272903 72.317008 Tehsil Road Owned/ Rented/ Muhamma 79 22007 64 1 Commercial No No Good cloth shop Jhang Sadar 33 33 Managed Leased d Sadiag Tehsil Road 31.272945 72.316932 Owned/ Rented/ Muhamma 80 22008 64 1 Commercial No No Good Cloth Shop Jhang Sadar 69 73 Managed Leased d arif Tehsil Road Owned/ Rented/ **Bisharat** 31.27348 81 22030 72.31675 1 Cloth Shop 64 Commercial No No Good Jhang Sadar Managed Leased Αli Tehsil Road 31.273503 Owned/ Rented/ **Bisharat** 82 22031 72.316975 1 Cloth Shop 64 Commercial Nο No Good Jhang Sadar 33 Managed Leased Αli Tehsil Road 72.316713 Owned/ Rented/ Umer 31.2736 83 22044 1 64 Commercial No No Good cloth shop Jhang Sadar 33 Managed Leased Usman 31.273572 Tehsil Road 72.316644 Owned/ Rented/ 22052 84 64 1 Commercial No No Good Asif Iqbal Cloth Shop Jhang Sadar 19 89 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 **Property** SR Area No of Litigation Shop Property Ownership Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) Code Address **Stories** Status ent Status Exist Status Name Status Tehsil Road 31.273587 72.316618 Owned/ Rented/ Asif Iqbal 85 22023 50 1 Commercial No No Good Cloth Shop Jhang Sadar 06 22 Managed Leased Tehsil Road Owned/ Rented/ shahid 22036 31.27366 86 72.31655 50 1 Commercial No No Good cloth shop Jhang Sadar Managed Leased Igbal Tehsil Road 31.273589 72.316612 Owned/ Rented/ 87 22024 50 1 Commercial No No Good M. Riaz Cloth Shop Jhang Sadar 62 15 Managed Leased 31.273633 72.316528 M. Kashif Tehsil Road Owned/ Rented/ 88 22021 50 1 Commercial No No Good Cloth Shop Jhang Sadar 33 33 Managed Leased Igbal 31.273587 72.316492 Tehsil Road Owned/ Rented/ Muhamma 89 22053 50 1 Commercial No No Good Cloth Shop Jhang Sadar 04 57 Managed Leased d wagar Tehsil Road 72.316541 Owned/ Rented/ kashif 31.27394 90 22020 50 1 Commercial Nο No Good Cloth Shop Jhang Sadar 67 Managed Leased igbal 31.273623 72.316486 Tehsil Road Owned/ Rented/ Muhamma 91 22037 50 1 Commercial Good Cloth Shop No No Jhang Sadar 91 44 d Wagar Managed Leased Tehsil Road 31.273636 72.316438 Owned/ Rented/ waqar 92 22002 50 1 Commercial No No Good Cloth shop Jhang Sadar 67 33 Managed Leased hussain Tehsil Road 31.273618 72.316411 Owned/ Rented/ Zahid 93 22026 50 1 Commercial No No Good cloth shop Jhang Sadar 33 67 Ahmad Managed Leased Tehsil Road 31.273624 72.316424 Owned/ Rented/ Makhmoor 22027 94 50 1 Commercial No No Good Cloth Shop 32 47 Ahmad Jhang Sadar Managed Leased Tehsil Road 72.316368 Owned/ Rented/ Ijaz 22025 31.2736 95 66 1 Commercial No No Good cloth shop Jhang Sadar 33 Managed Leased Ahmad Tehsil Road 31.273588 72.316323 Rented/ Makhmoor Owned/ 96 22028 66 1 Cloth Shop Commercial No No Good 19 Jhang Sadar 85 Ahmad 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 **Property** SR Area No of Ownership Litigation Shop Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Status** Code Address **Stories** Status ent Status Exist Name Status cloth Tehsil Road 31.273668 Owned/ Rented/ Muhamma 97 22038 72.31635 66 1 No No Good Commercial stitching Jhang Sadar 33 Managed d Naeem Leased shop 31.273027 72.316889 Tehsil Road Owned/ Rented/ Abdul clothe 98 22014 64 1 Commercial No No Good Jhang Sadar 73 49 Managed Leased Razad center 31.273116 72.316922 Tehsil Road Owned/ Rented/ Muhamma clothes 99 22045 64 1 Commercial No No Good Jhang Sadar 53 07 Managed Leased d Abbas shop Head Octroi Owned/ Rented/ 31.27207 100 19016 72.31722 180 1 Commercial No No Good M. Younas Coal shop Post Jhang Managed Leased Near Rail Bazar 31.276643 72.314808 Owned/ Rented/ Cold 13002 135 101 1 Commercial No No Good M. Ijaz Chowk 33 33 Managed Leased Corner Jhang Sadar 70870 Near TMA 72.321708 Owned/ Rented/ Cold 102 31.3048 103 1 Commercial No No Good imran 02 Office 33 Managed Leased Corner Near Rail Bazar 31.277016 Cold Drink Owned/ Rented/ Muhamma 103 13011 72.314615 135 1 Commercial No No Good Chowk 67 Managed Leased d Amjad Corner Jhang Sadar General Bus Stand Near cold drink 31.288996 Owned/ Rented/ 104 14049 Adhiwal 72.32149 225 1 Commercial No No Good wajid ali cornor 67 Managed Leased Chowk shop Jhang City 70870 31.304801 72.321688 Near TMA Owned/ Rented/ cold Drink 105 45 1 Commercial No No Good imran 03 Office 67 33 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 **Property** SR Area No of Ownership Litigation Shop Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) Code Address **Stories** Status ent Status Exist Status Name Status Baba Umar 31.305796 Owned/ Rented/ cold Drink 72.32777 2 106 1001 Gate Jhang 24 Full No Commercial Good habib 67 Managed shop Leased City General Bus Stand Near 31.289268 72.321553 Owned/ Rented/ Muhamma cold Drink Adhiwal 110 107 14064 1 Commercial No No Good 33 33 Managed Leased d waseem shop Chowk Jhang City 31.272976 Fahad Tehsil Road Owned/ Rented/ 108 22011 72.317005 64 1 Commercial No No Good Crockery Jhang Sadar 67 Managed Leased Razzag 72.317048 Faisal Tehsil Road Owned/ Rented/ 22012 31.272975 109 64 1 Commercial No No Good Crockery Jhang Sadar 33 Managed Leased Razag Chowk 31.305016 Owned/ Rented/ Muhamma crockery 110 4008 Bazar Jhang 72.324575 72 1 No Commercial No Good 67 Managed Leased d ahsan shop City Chowk 31.305176 72.324591 Owned/ Rented/ Muhamma crockery 72 111 4015 Bazar Jhang 1 Commercial No No Good 67 67 Managed Leased d ahsan shop Citv Adjacent 31.271411 72.317191 islamia Owned/ Rented/ Khalid cusmatics 12016 56 112 1 Commercial No No Good 77 66 Mehmood School Managed Leased shop Jhang Adjacent islamia 31.271470 72.317325 Owned/ Rented/ Khalid cusmatics 54 12014 1 113 Commercial No No Good School 45 69 Managed Leased Mehmood shop Jhang 31.276863 72.314698 Near Rail Owned/ Rented/ cycle spare 114 13010 135 1 Commercial No No Good Akbar Ali 33 33 Bazar Managed Leased parts

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 **Property** SR Area No of Litigation Shop **Property** Ownership Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories** Code Address Status ent Status Exist Status Name Status Chowk Jhang Sadar Near Sabzi 31.283761 72.314286 Owned/ Rented/ 18001 115 121 1 Commercial No No Good hamayu Cycle Store 67 Mandi 67 Managed Leased Muhamma 31.278320 Near MC 72.313799 d Dawood Owned/ Rented/ Dream 116 21003 152 1 Commercial No No Good Office 53 95 Managed Leased Zeeshan Builder Ahmad General Bus Stand Near dry 31.289013 Muhamma 72.320926 Owned/ Rented/ 225 117 14057 Adhiwal 1 Commercial No No Good cleaning 33 67 d imran Managed Leased Chowk shop Jhang City General Bus Stand Near 31.289013 72.321123 Owned/ Rented/ saeed dry fruit 225 118 14054 Adhiwal 1 Commercial No No Good 33 33 Managed Leased khan shop Chowk Jhang City General Bus Stand Near Munir 72.320813 Dryfroit Owned/ Rented/ 31.289215 225 119 14073 Adhiwal 1 Commercial No No Good Ahmadha 33 Managed Leased shop hid Chowk Jhang City Sabri Manzil Electric Circular 31.277026 Owned/ Rented/ Muhamma 120 17004 72.314615 132 1 No No Commercial Good reapiring Road Jhang 67 Managed Leased d Sohail shop Sadar Near Rail 31.276993 72.314801 Owned/ Rented/ Electric 13009 135 121 1 Commercial No No Good M. Maiid Bazar 33 67 Managed Leased Store

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 Property SR Shop Area No of Ownership Litigation Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories** Code Address Status ent Status Exist Status Name Status Chowk Jhang Sadar Near Rail 31.276921 72.314783 Bazar Owned/ Rented/ М. Electric 13008 135 No No 122 1 Commercial Good Chowk 67 33 Managed Leased Tanveer Store Jhang Sadar Near Rail Bazar Owned/ Rented/ Electric 123 13006 31.27687 72.314875 135 1 Commercial No Yes M. Naeem Good Chowk Managed Leased Store Jhang Sadar Near Rail Bazar 31.276746 Owned/ Muhamma Electric Rented/ 13003 72.315005 124 135 1 Commercial No No Good Chowk 67 Store Managed Leased d Ijaz Jhang Sadar 70870 Near TMA Owned/ Rented/ 125 31.30491 72.32177 103 1 Commercial No No Haq Niwaz **Empty** Good 01 Office Managed Leased Chowk 31.305196 Owned/ Rented/ Muhamma 126 4010 Bazar Jhang 72.32467 72 1 Commercial No No Good **Empty** 67 Managed d Arshad Leased City Chowk 31.305186 72.324663 Muhamma Owned/ Rented/ 127 4012 Bazar Jhang 72 1 No No Commercial Good **Empty** 67 33 Managed Leased d Arshad City General Bus Stand Near 72.321243 Owned/ Rented/ 128 Adhiwal 31.28899 225 1 Commercial No No Good in auction empty 33 Managed Leased Chowk Jhang City General Bus 72.321363 Owned/ Rented/ 129 31.288975 225 1 Commercial No Good No in auction empty Stand Near 33 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 Property SR Shop Area No of Ownership Litigation Property Encroachm Current Tenant Latitude **Business** Longitude Location Condition (Sqft) **Stories Status** Name Code Address Status ent Status Exist Status Adhiwal Chowk Jhang City General Bus Stand Near 31.289008 72.321573 Owned/ Rented/ Adhiwal 225 No 130 1 Commercial No Good in auction empty 33 33 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 31.288996 Owned/ Rented/ 72.321615 132 Adhiwal 110 1 Commercial No No Good in auction empty 67 Managed Leased Chowk Jhang City General Bus Stand Near 72.321688 Owned/ Rented/ 31.289245 225 Good 133 Adhiwal 1 Commercial No No in auction empty 33 Managed Leased Chowk Jhang City Inside General Bus 31.289433 72.321671 Owned/ Rented/ 134 Stand 99 1 No Commercial No Good in auction empty 33 67 Managed Leased Sarghodha Road 72.321713 General Bus Owned/ Rented/ 31.289425 135 14067 110 1 Commercial No No Good in auction empty Stand Near 33 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 Property SR Shop Area No of Ownership Litigation **Property** Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories** Code Address Status ent Status Exist Status Name Status Adhiwal Chowk Jhang City Gerneral Owned/ Rented/ 2 136 10002 **Bus Stand** 31.289355 72.32173 242 Commercial No No Good in auction empty Managed Leased ihang Inside General Bus 31.290528 Owned/ Rented/ 137 Stand 72.323055 5440 1 Commercial No No in auction Good empty 33 Managed Leased Sarghodha Road Inside General Bus 31.290468 72.322241 Owned/ Rented/ 5440 138 14084 Stand 1 Commercial No No Good in auction empty 33 67 Managed Leased Sarghodha Road Toba Road Owned/ Rented/ 139 31.22788 72.333345 100 2 Near Sugar Commercial No No Good in auction empty Managed Leased Mill Basti 20870 31.280116 Owned/ Rented/ 140 Abdullahpur 72.309375 121 1 Commercial No No Good Humayeo empty 01 67 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 31.271883 72.317463 Head Octroi Owned/ Rented/ Muzaffar Falooda 19043 142 156 1 Commercial No No Good 33 Post Jhang 33 Managed Leased Ali Shop 31.271953 72.317478 Head Octroi Owned/ Rented/ Muzaffar Falooda 19044 72 143 1 No Commercial No Good Post Jhang 33 33 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 Property SR Area No of Ownership Litigation Shop Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) Code Address **Stories** Status ent Status Exist Status Name Status Adjacent 31.271596 islamia 72.317311 Bilal Owned/ Rented/ Fine Lock 12020 80 1 No No 144 Commercial Good School 67 Leased Haider Master 67 Managed Jhang Flower Umer Tehsil Road 31.273643 72.316276 Owned/ Rented/ 145 66 22054 1 Commercial No No Good decoration Jhang Sadar 33 67 Managed Leased Ramzan shop Muhamma Flowers Tehsil Road 31.273641 72.316273 Owned/ Rented/ 146 22003 66 1 Commercial No No Good d Umir decoration Jhang Sadar 67 33 Managed Leased Ramzan shop 31.273013 Tehsil Road 72.316909 Owned/ Rented/ Μ. 147 22013 64 1 Commercial No No Good food point 33 24 Jhang Sadar Managed Leased Parveez Near Rail Muhamma Bazar 31.276616 72.314833 Owned/ Rented/ 13001 135 1 No d Muzafar 148 Commercial No Good Food point Chowk 67 33 Managed Leased ud Din Jhang Sadar Fridae 31.278212 72.313777 Near TMA Owned/ Rented/ Adnan 165 149 21002 1 Commercial No No Good Reparing Office 15 05 Managed Leased Aslam Shop Adjacent islamia 31.271263 72.317316 Owned/ Rented/ Abdul 150 42 16 2 Commercial No No Good Fruit Shop School 33 67 Managed Leased Rasheed Jhang Chowk 31.305161 Owned/ Rented/ 72.324485 72 151 4016 Bazar Jhang 1 Fruit Shop Commercial No No Good zahid ali 67 Managed Leased City Baba Umar 31.305788 72.327826 Owned/ Rented/ 152 1004 Gate Jhang 16 1 Commercial No No Good M. Khalid Fruit Shop 33 Managed 67 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 Property SR Shop Area No of Ownership Litigation Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Status** Code Address **Stories** Status ent Status Exist Name Status Baba Umar Owned/ Rented/ 31.305805 72.32783 153 1005 Gate Jhang 16 1 No No M. Zahid Fruit Shop Commercial Good Managed Leased City Adjacent islamia 31.271242 72.317379 Owned/ Rented/ 154 41 96 2 Commercial No No Good M. Imran fruits shop School 99 44 Managed Leased Jhana Shaheed 72.314946 Owned/ Rented/ 155 20004 Road Sadr 31.27615 59 1 Commercial No No Asghar Good Garments 67 Managed Leased Jhang Shaheed 31.276263 72.315126 Owned/ Rented/ 156 20001 Road Sadr 164 1 Commercial No Yes Good M. Ayoub Garments 33 67 Managed Leased Jhang Shaheed 31.274146 72.316731 Owned/ Rented/ 157 8003 124 1 Commercial No No Good M.Afzal Garments Road Jhang 67 67 Managed Leased Ganda Nala 31.302808 72.328486 Owned/ Rented/ 9001 158 Chowk 118 1 Commercial No No Good M. Haneef Gas Agency 33 67 Managed Leased Jhang City General Bus Stand Near 31.289073 72.321401 Owned/ Rented/ 225 Adhiwal 1 Good 159 14017 Commercial No No Ali Raza Gas Agency 33 67 Managed Leased Chowk Jhang City General Bus Stand Near 31.289178 72.322428 Owned/ Rented/ sheikh ali 568 160 14018 Adhiwal 1 Commercial No No Good gass shop 33 33 Managed Leased raza 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 **Property** SR Area No of Litigation Shop **Property** Ownership Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) Code Address **Stories** Status ent Status Exist Status Name **Status** Adjacent islamia 31.271773 72.317231 Owned/ Rented/ General 12017 120 1 No No 161 Commercial Good M. Ishaq School 34 47 Leased Managed Store Jhang Adjacent islamia 72.317261 Owned/ Rented/ General 12012 31.27167 50 No No M. Asif 162 1 Commercial Good School 67 Managed Leased Store **Jhang** Adjacent islamia 72.317288 Owned/ Rented/ General 12032 31.27143 50 1 Commercial No No M. Faroog 163 Good School 33 Store Managed Leased **Jhang** Adiacent islamia Owned/ Abdul Rented/ General 164 12021 31.271425 72.31737 50 1 Commercial No No Good School Managed Leased Raoof Store **Jhang** Tehsil Road 31.273586 72.316726 Owned/ Rented/ Muhamma General 165 22033 64 1 Commercial Nο Nο Good Jhang Sadar 67 67 Managed Leased d ishaq store 72.317153 Head Octroi Owned/ Rented/ Muhamma General 31.271875 19017 1088 166 1 Commercial No No Good Post Jhang 33 Managed Leased d ilvas store Adjacent islamia 31.271384 72.317323 Owned/ Rented/ general 12009 63 1 No No M. Rafig 167 Commercial Good 26 35 School Managed Leased store Jhang Generator Near TMA 31.278177 72.313776 Owned/ Rented/ Μ. 165 168 21009 1 Commercial No No Good Repiaring Office 24 55 Managed Leased Rafigue Shop 72.317421 Head Octroi Owned/ Rented/ Hassan 169 19029 31.27196 156 1 Commercial No Good No Glassware Post Jhang 67 Managed Leased liaz

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 Property SR Area No of Litigation Shop Property Ownership Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Status** Code Address **Stories** Status ent Status Exist Name Status Head Octroi 31.272045 Rented/ 72.317363 Owned/ **Amjad** 170 19042 88 1 Commercial No No Good Glassware Post Jhang 59 33 Mahmood Managed Leased Moh 31.277333 Owned/ Rented/ Tanveer goat skin 15002 72.30657 380 2 171 Bhabhrahna Commercial No No Good 33 Managed Leased Ahmad factory Jhang Sabri Manzil Circular Owned/ Rented/ Amjad 172 17002 31.277015 72.31468 132 1 Commercial No No Good Godown Road Jhang Managed Leased Rahman Sadar Head Octroi 31.271924 72.317296 Owned/ Rented/ Akhtar 173 19038 130 1 Commercial No No Good Godown Post Jhang 13 62 Managed Saleem Leased Head Octroi 31.271801 72.317461 Rented/ Owned/ Ijaz 174 19035 72 1 Commercial No No Good Godown Post Jhang 67 67 Leased Managed Ahmad Head Octroi 31.271921 72.317373 Owned/ Rented/ Muhamma 175 19034 105 1 Commercial No No Good Godown 99 Post Jhang 03 Managed Leased d Khan Head Octroi Owned/ Rented/ 19039 176 31.27198 72.317275 80 1 Commercial No No Good Shogat Ali Godown Post Jhang Managed Leased Adjacent islamia 72.317473 Owned/ Rented/ Khadim Hookah 177 12031 31.27153 54 1 Commercial No No Good School 33 Leased Hussain Managed shop **Jhang** 31.302066 Tanga Adda Owned/ Rented/ Haider 24001 72.32324 178 40 1 Commercial No No Good Hotel Jhang City 67 Managed Leased Abbas General Bus Owned/ Rented/ 179 14068 Stand Near 31.28927 72.321595 110 1 Commercial No No Good M. Zahid Hotel 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 Property SR Shop Area No of Ownership Litigation Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories** Code Address Status ent Status Exist Status Name Status Chowk Jhang City General Bus Stand Near 72.321701 Owned/ Rented/ anwer 180 14071 Adhiwal 31.288975 225 1 Commercial No No Good hotle 67 Managed Leased mehmood Chowk Jhang City General Bus Stand Near 31.289258 72.321621 Owned/ Rented/ 181 14077 Adhiwal 110 1 No No hotle Commercial Good zahid 33 67 Managed Leased Chowk Jhang City Qita Chamli 31.277368 Owned/ Rented/ ljaz 182 5002 72.31187 48 2 Commercial No No Good hotle 33 Market Managed Ahmad Leased Adjacent islamia Owned/ Rented/ Muhamma 12013 31.271625 72.317275 183 105 1 Commercial No No Good Iron Shop d Arshad School Managed Leased Jhang 31.273423 Tehsil Road 72.316843 Owned/ Rented/ 22050 184 64 1 Commercial No No M. Tahir Good iron shop 33 Jhang Sadar 33 Managed Leased 72.316788 Owned/ Rented/ Non Muhamma 31.27338 48 2 185 22001 tasil road No Good No iron store 33 Commercial Managed Leased d Taiyab Adjacent 31.271261 72.317400 islamia Owned/ Rented/ 186 12010 45 1 Commercial No No Good M. Usman jusice shop 85 School 91 Managed Leased Jhang

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 **Property** SR Area No of Litigation Shop **Property** Ownership Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Status** Code Address **Stories** Status ent Status Exist Name Status Ganda Nala 72.328428 Owned/ Rented/ kabariya 9002 31.30279 187 Chowk 118 1 No No Abdul Aziz Commercial Good 33 Managed Leased shop Jhang City 31.271676 72.317221 Head Octroi Owned/ Rented/ Sajjad Karyana 98 188 19005 1 Commercial No No Good Post Jhang 67 67 Managed Leased Hussain Shop 31.271651 Head Octroi 72.317166 Owned/ Rented/ Inam UI Karyana 189 19024 80 1 Commercial No No Good Post Jhang 67 67 Managed Leased Hag Shop inaamul Head Octroi 31.271698 72.317161 Owned/ Rented/ Karyana 190 19006 98 2 Commercial Full No Good haa Post Jhang 23 81 Managed Leased Shop sidique Head Octroi 31.271641 72.317118 Owned/ Rented/ Muhamma Karyana 191 19012 80 1 Commercial No No Good 33 Post Jhang 67 Managed Leased d Ishfaq Shop Head Octroi 72.317171 Owned/ Rented/ Tehseen Karyana 19041 31.271575 98 192 1 No No Good Commercial Post Jhang 67 Managed Leased Akhtar Shop Adjacent islamia Owned/ Rented/ Allah Karyana 193 12019 31.271415 72.31731 63 1 Commercial No No Good School Rakha Managed Leased Shop Jhang Head Octroi 31.271647 72.317237 Owned/ Rented/ Muhamma karyana 19019 98 1 194 Commercial No No Good Post Jhang 29 5 Managed Leased d ishfaq store Adjacent islamia 31.271695 72.317264 Owned/ Rented/ Zafar karyana 195 12041 90 1 No No Commercial Good School 02 22 Managed Leased Alishah store Jhang Adjacent 31.271327 72.317299 islamia Owned/ Rented/ Muhamma karyana 12034 90 196 1 Commercial No No Good School 94 53 Managed Leased d Shoquat 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 Property SR Area No of Ownership Litigation Shop Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Status** Code Address **Stories** Status ent Status Exist Name Status Talab 31.278078 72.313935 Owned/ Rented/ Muhamma kharadia 21001 153 2 197 Commitee No No Good Commercial 82 51 Managed d Ishtiag shop Leased ihang Inside General Bus 31.291343 Owned/ Rented/ Akber 198 14079 Stand 72.321615 2720 1 Commercial No No Good Khradia 33 Managed Leased Shahzad Sarghodha Road Mohallah Owned/ Rented/ Magsood lader 372 1 199 2004 Bhabrana 31.27756 72.30676 Commercial No No Good Managed Leased llahi factory Jhang Sadar Mohallah 72.313413 Owned/ Rented/ lader Magsood 31.27941 3256 200 15003 Bhabhrah 1 Commercial No No Good 33 llahi Managed Leased marchent **Jhang** Adjacent 31.272024 72.317182 islamia Owned/ Rented/ Baber Madical 201 12006 110 1 Commercial No No Good 99 School 4 Managed Leased magsood store Jhang Adjacent islamia 31.272027 72.317170 Owned/ Rented/ Zahid madical 12007 60 202 1 Commercial No No Good School 97 19 Managed Leased Magsood store **Jhang** Chowk 31.305146 72.324766 Owned/ Rented/ Manzoor 15 203 400 Bazar Jhang 1 Commercial No No Good Meat Shop 67 67 Managed Leased Hussain City Chowk 31.305061 72.324678 Owned/ Rented/ Ghulam 204 43 Bazar Jhang 64 1 Commercial No No Good Meat Shop 67 33 Managed Leased **Abbas** City

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 Property SR Area No of Ownership Litigation Shop Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Status** Code Address **Stories** Status ent Status Exist Name Status Chowk 31.305106 Owned/ Rented/ Imdad 205 Bazar Jhang 72.32462 72 4006 1 No No Meat Shop Commercial Good 67 Managed Hussain Leased City Chowk 31.305061 Owned/ Rented/ Shahbaz 206 4007 Bazar Jhang 72.324595 72 1 Commercial No No Good Meat Shop 67 Managed Leased Hussain City Chowk 31.305201 72.324656 Owned/ Rented/ 207 4018 72 1 Bazar Jhang Commercial No No Good M. Niwaz Meat Shop 67 67 Managed Leased City Baba Umar 31.305806 72.327756 Owned/ Rented/ 32 208 1002 Gate Jhang 1 Commercial No No Good dawood Meat Shop 67 67 Managed Leased City Baba Umar 31.305828 Owned/ Rented/ 209 1003 Gate Jhang 72.32778 35 1 Meat Shop Commercial No No Good yaqoob 33 Managed Leased Citv 31.271918 72.317200 Head Octroi Owned/ Rented/ Μ. medical 75 210 19018 1 Commercial No No Good Post Jhang 74 18 Managed Leased Naseem store Adjacent 31.271808 islamia 72.317348 Owned/ Rented/ Zahoor Medical 12018 63 211 1 Commercial No No Good School 33 33 llahi Store Managed Leased Jhang 31.271893 Head Octroi 72.317348 Owned/ Rented/ Medicine 19037 72 212 1 Commercial No No Good M. Younas 33 33 Post Jhang Managed Leased Godown Adjacent 31.271343 islamia 72.317286 Owned/ Rented/ Mudassar 213 12029 56 1 Commercial No No Good Milk shop School 33 67 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 **Property** SR Area No of Litigation Shop **Property** Ownership Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) Code Address **Stories** Status ent Status Exist Status Name Status Chowk Mirch 31.305081 72.324766 Owned/ Rented/ Manzoor 214 4009 72 Bazar Jhang 1 No No Good Masala Commercial 67 67 Managed Leased Hussain City Shop General Bus Stand Near 31.289041 72.321988 Owned/ Rented/ miror shop Adhiwal 314 215 14076 1 Commercial No No Good Ali Raza 33 67 Managed Leased wheekals Chowk Jhang City 31.289018 72.321111 General Bus Owned/ Rented/ mobile 14014 229 2 Ali Raza 216 Commercial No No Good 33 Stand 67 Managed Leased shop Motor Bike Near TMA 31.278606 Owned/ Rented/ Muhamma 72.313355 165 217 21010 1 Repair Commercial No No Good Office 67 Managed Leased d Anees Shop Sabri Manzil Motor cycle Circular 31.277111 Owned/ Rented/ Ghulam 72.31456 218 17006 216 1 Commercial No Good No spares 67 Road Jhang Managed Leased Rasool parts Sadar 31.271748 Shakeel Head Octroi 72.317686 Owned/ Rented/ Motorcycle 218 19009 92 1 Commercial No No Good Post Jhang 33 67 Managed Leased Amjad Showroom 31.271677 Head Octroi 72.317646 Owned/ Rented/ Μ. Motorcycle 19010 92 219 1 Commercial No No Good Post Jhang 15 Managed Leased Warisajid Showroom Near TMA 31.278531 Owned/ Municipal Rented/ Amir 72.313355 220 165 Commercial Nο 1 No Good Office 67 Managed Leased Waseem Dispensary 31.278553 Near TMA 72.313276 Owned/ Rented/ Amir Municipal 221 165 1 Commercial No No Good Office 33 67 Managed Leased Waseem Dispensary 31.277028 Sabri Manzil 72.314638 Owned/ Rented/ in 222 17005 132 1 Commercial No Nο Good null Circular 33 33 Managed Leased litigation

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 Property SR Shop Area No of Ownership Litigation Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories** Code Address Status ent Status Exist Status Name Status Road Jhang Sadar Sabri Manzil 31.276948 72.314646 Circular Owned/ Rented/ in 223 17003 404 1 Commercial No Yes Good null Road Jhang 33 67 Managed Leased litigation Sadar Near Rail Bazar 31.276723 72.314593 Owned/ Rented/ In 224 13007 135 1 Commercial No Yes null Good Chowk 33 33 Managed Leased litigation Jhang Sadar Near Rail Bazar 31.276711 72.314733 Owned/ Rented/ In 13005 135 225 1 Commercial No Yes Good null 67 33 litigation Chowk Managed Leased Jhang Sadar Near Rail Bazar 31.276666 Owned/ Rented/ in 13004 135 226 72.3148 1 Yes Commercial No Good null 67 Chowk Managed Leased litigation Jhang Sadar Head Octroi 31.271963 72.317393 Owned/ Rented/ Akhtar 19028 227 156 1 Commercial No No Good Oil Agency Post Jhang 33 33 Saleem Managed Leased 31.271681 Head Octroi 72.317678 Owned/ Rented/ Shahid 228 19021 92 1 Commercial No Oil Agency No Good Post Jhang 67 33 Managed Leased Abbas Nazar Head Octroi 31.271853 72.317602 Owned/ Rented/ 229 19025 80 1 Commercial No No Good Hussain Oil Agency Post Jhang 85 Managed 52 Leased Khan Nazar Head Octroi Owned/ Rented/ 230 19026 31.271855 72.317585 80 1 Commercial No No Hussain Oil Agency Good Post Jhang Managed Leased Khan

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 **Property** SR Area No of Ownership Litigation Shop **Property** Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) Code Address **Stories** Status ent Status **Exist** Status Name Status Head Octroi Rented/ Owned/ Tahir 231 19011 31.271845 72.317565 120 1 Commercial No No Good Oil agency Post Jhang Abbas Managed Leased General Bus Stand Near 31.289028 Owned/ Rented/ 232 14070 Adhiwal 72.321825 225 1 Commercial No No Good irfan oil shop 33 Managed Leased Chowk Jhang City General Bus Stand Near 31.289003 72.321821 Owned/ Rented/ Adhiwal 225 233 14069 1 No No M. Irfan Oil Shop Commercial Good 33 67 Managed Leased Chowk Jhang City General Bus Stand Near 31.289171 Owned/ Rented/ 234 14066 Adhiwal 72.321755 110 1 Commercial No No Good irfan Oil Shop 67 Managed Leased Chowk Jhang City 31.278548 Near TMA 72.313341 Owned/ Rented/ Abdul 235 21011 165 1 Commercial No No Good Paint Shop Office 33 67 Managed Leased Basit 31.278411 72.313449 Near TMA Owned/ Rented/ Abdul 21014 165 Paint Shop 236 1 Commercial No No Good 85 58 Office Managed Leased Basit 31.278268 72.313766 Near TMA Owned/ Rented/ Muhamma 21007 237 152 1 Commercial No No Paint Shop Good Office 98 19 Managed Leased d Ayoub 31.278242 72.313790 Near TMA Owned/ Rented/ 238 21008 152 1 Commercial No No M. Ayoub Paint Shop Good 09 8 Office Managed Leased 31.278160 Near TMA 72.313804 Owned/ Rented/ Barkaat 21005 239 152 1 No Paint Shop Commercial No Good Office 86 12 Managed Leased Ali

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 **Property** SR Area No of Litigation Shop **Property** Ownership Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) Code Address **Stories** Status ent Status Exist Status Name Status Near TMA 31.278151 72.313918 Rented/ Owned/ Barkaat 240 21006 152 1 Commercial No No Good Paint Shop Office 67 33 Managed Leased Ali Adjacent 31.272095 islamia 72.317390 Owned/ Rented/ Sajjad perfume 241 12011 63 1 No No Commercial Good School 51 44 Managed Leased Hussain shop Jhang Nadeem Shaheed 31.274186 72.316826 Owned/ Rented/ 8004 132 242 1 Commercial No No Muhamma Good Pharmacy Road Jhang 67 67 Managed Leased d Ahmad Head Octroi 31.271907 72.317230 Owned/ Rented/ Μ. 243 19031 75 1 Commercial No No Good Pharmacy Post Jhang 31 25 Managed Leased Naseem 70870 31.304948 Rented/ Near TMA Owned/ 244 72.32177 103 1 Commercial No No Good Hag Niwaz Pharmacy 33 05 Office Leased Managed Head Octroi 31.271730 72.317744 Owned/ Rented/ **Photostate** 245 19023 120 1 Commercial No No Good Sajjad Ali 95 31 Post Jhang Managed Leased Shop 31.271804 Head Octroi 72.317521 Owned/ Rented/ M. Ehsan **Photostate** 19015 120 246 1 Commercial No No Good Post Jhang 28 12 Managed Leased UI Hag Shop 72.317536 Photostate Head Octroi Owned/ Rented/ M. Ehsan 247 19014 31.271915 120 1 Commercial No No Good Post Jhang 67 UI Hag Managed Leased Shop Syed 31.273549 Tehsil Road 72.316624 Owned/ Rented/ Zahoor **Photostate** 22035 248 64 1 Commercial No No Good 33 76 Jhang Sadar Managed Leased Ahmad Shop Shah 31.273461 Tehsil Road 72.316801 Owned/ Rented/ plastic 249 22022 64 1 M. Riaz Commercial No No Good Jhang Sadar 07 94 Managed Leased toyle

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 Property SR Area No of Litigation Shop Property Ownership Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories** Code Address Status ent Status Exist Status Name Status General Bus Stand Near Owned/ Rented/ poshish 14065 Adhiwal 31.28922 72.321725 250 110 1 Commercial No No Good yousaf Managed Leased shop Chowk Jhang City Roshan Near TMA 31.278493 72.313536 Owned/ Rented/ Shahbaz 251 21012 165 1 Commercial No No Good Builder and 33 67 Office Managed Leased Hussain Designer 31.272007 Head Octroi 72.317208 Owned/ Rented/ Saintry 19030 1088 252 1 Commercial No No Good M. Younas Post Jhang 84 Managed Leased Shop Tehsil Road 31.273338 72.316870 Rented/ Muhamma Owned/ 22042 253 64 1 Commercial No No Good sang tarash Jhang Sadar 88 59 Managed Leased d Usman 31.273041 72.316903 Tehsil Road Owned/ Rented/ Muhamma Sana 254 22017 64 1 Commercial No No Good Jhang Sadar 67 33 Managed Leased d Ashraf tarash sang tarash 72.316841 Tehsil Road Owned/ Rented/ Abdul and clay 22048 31.273235 64 255 1 Commercial No No Good Jhang Sadar 67 Managed Leased Ghafoor utensil shop 31.273361 Tehsil Road 72.316906 Owned/ Rented/ sang tarash 256 22018 64 1 Commercial No No Nadeem Good Jhang Sadar 67 67 Managed Leased shop General Bus Stand Near 31.291003 72.323396 Owned/ Rented/ Abdul 257 10001 Adhiwal 5440 1 Commercial No No Good scrape 33 67 Ghaffar Leased Managed Chowk Jhang City Inside 72.320996 Owned/ Rented/ Muhamma 258 14022 General Bus 31.2916 5440 1 Commercial No No Good Scrape 67 Managed d Ameen Leased Stand

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 **Property** SR Area No of Litigation Shop **Property** Ownership Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) Code Address **Stories** Status ent Status Exist Status Name Status Sarghodha Road Seed Head Octroi 31.271693 72.317252 Owned/ Rented/ Sajid 19013 80 259 1 Commercial No No Good Corporatio Post Jhang 49 79 Managed Leased Hussain Inside General Bus 72.323018 Owned/ Rented/ Service 31.29052 5440 260 14035 Stand 1 No No Good M. Naseer Commercial 33 Managed Station Leased Sarahodha Road Inside General Bus 31.291153 Owned/ Rented/ Service sarwer 261 14041 Stand 72.322755 2720 1 Commercial No No Good 33 Managed Leased basheer Station Sarghodha Road 31.272869 Tehsil Road Owned/ Rented/ 262 22004 72.317113 1 Commercial M. Din 64 No No Good Shoe Shop Jhang Sadar 89 Managed Leased Tehsil Road 31.273128 72.316868 Owned/ Rented/ Anwar shoes 263 2204 64 1 Commercial No No Good Jhang Sadar 33 33 Managed Leased labal center Tehsil Road 72.316826 Owned/ Rented/ shoes 31.27328 22040 264 64 1 Commercial No No Good Ibraar Ali Jhang Sadar 67 Managed Leased center Shaheed 31.274136 Owned/ Rented/ Magsood 8001 72.31676 1 265 124 No **Shoes Shop** Commercial No Good Road Jhang 67 Managed Leased Illahi Shaheed 31.274048 Rented/ Owned/ Muhamma 8002 72.31682 1 **Shoes Shop** 266 124 Commercial No No Good Road Jhang 33 Managed Leased d Akram Tehsil Road 72.316996 Owned/ Rented/ Qasim 31.27298 22009 64 1 267 Commercial No No Good shoes shop Jhang Sadar 67 Managed Leased Arshad

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 Property No of SR Area Ownership Litigation Shop Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories Status** Code Address Status ent Status **Exist** Name Status Tehsil Road Rented/ Owned/ Abdul 268 22041 31.273355 72.31693 64 1 Commercial No No Good Shoes Shop Jhang Sadar Leased wahab Managed Adjacent 31.272176 72.317233 islamia Owned/ Rented/ Muhamma shopping 269 12003 60 No No 1 Commercial Good School 67 33 Managed Leased d Saeed bag shop **Jhang** Adjacent islamia 31.272139 72.317184 Owned/ Rented/ Abdul shopping 270 12004 99 1 Commercial No No Good School 19 Managed Leased Rehman bag shop **Jhang** Adjacent islamia 31.271778 Owned/ Rented/ Shopping 72.31725 271 12040 36 1 Commercial No No Good M. labal School 33 Managed Leased bag shop Jhang shuger 31.278108 72.313886 Near TMA Owned/ Rented/ Shahid 21004 152 272 1 Commercial No No Good cane use 89 Office 85 Managed Leased Hussain shop 31.277556 Mohallah Owned/ Rented/ Muhamma snoker 273 15005 72.306475 680 1 Commercial No No Good Bhabrana 67 d tahir Managed Leased game General Bus Stand Near 31.290463 72.321488 Owned/ Rented/ Ghulam Spare 274 14063 Adhiwal 224 1 Commercial No No Good 33 33 **Parts** Muitaba Managed Leased Chowk Jhang City General Bus Stand Near 31.288993 Owned/ Rented/ Muhamma Spare 275 14074 Adhiwal 72.32102 225 1 Commercial No No Good 33 Managed Leased d Akhatar **Parts** 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 Property SR Area No of Ownership Litigation Shop Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories** Code Address Status ent Status Exist Status Name Status General Bus Stand Near 31.288953 72.321661 Rented/ Owned/ Wagas Spare 276 14053 Adhiwal 225 1 Commercial No No Good 33 67 Managed Leased Ajmal Parts Chowk Jhang City General Bus Stand Near 31.288988 72.321708 Owned/ Rented/ Spare 277 14072 Adhiwal 225 1 Commercial No No Good Zahid Arif 33 33 Managed Leased **Parts** Chowk Jhang City General Bus Stand Near 31.289066 72.321973 Owned/ Rented/ Spare 278 14059 Adhiwal 110 1 Commercial No No Good Allah Ditta 67 33 Managed Leased Parts Chowk Jhang City Chowk 31.305156 72.324756 Owned/ Rented/ 4001 72 2 279 No Commercial No Good Akbar Ali spices shop Bazar Jhang 67 67 Managed Leased Head Octroi 31.271780 72.317156 Owned/ Rented/ Aslam **Sports** 19004 98 280 1 Commercial No No Good 99 99 Post Jhang Managed Leased hasmi Shop steel 31.272883 72.317143 Tehsil Road Owned/ Rented/ 281 22005 64 1 Commercial No No Good M.saleem bartan Jhang Sadar 33 33 Managed Leased shop steel Tehsil Road 72.317006 Owned/ Rented/ Faizan 282 22010 31.272965 64 1 Commercial No No Good bartan Jhang Sadar 67 Managed Leased Razzag shop steel 72.316962 Tehsil Road 31.272909 Owned/ Rented/ Muhamma 283 22006 64 1 Commercial No No Good Barton 97 Jhang Sadar 05 Managed Leased d saleem shop

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 Property SR Area No of Ownership Litigation Shop **Property** Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Status** Code Address **Stories** Status ent Status Exist Name Status Chowk 31.305181 Owned/ Rented/ 284 Bazar Jhang 72.324615 72 4014 1 No No Commercial Good atif stor 67 Managed Leased City Chowk 31.305181 72.324608 Owned/ Rented/ 285 4013 Bazar Jhang 72 1 Commercial No No Good irfan saif store 67 33 Managed Leased City Adjacent 72.317428 islamia Owned/ Rented/ Razagat Sweet 286 12033 31.271305 50 1 Commercial Nο Nο Good School 33 Managed bakers Leased Ali **Jhang** Head Octroi 31.271552 72.317252 Owned/ Rented/ Manzer 287 19040 80 1 Commercial No No Good sweet shop 92 33 Post Jhang Managed Leased Usman Adiacent islamia 31.271273 Rented/ Mubashir Owned/ Sweet 288 12035 72.317405 56 1 No No Good Commercial School 33 Managed Leased Usman Shop **Jhang** Jameel Shaheed Owned/ Rented/ 11003 72.322835 289 31.274235 110 1 Commercial Full No Good Amir Raza **Swings** Park Jhang Managed Leased Saddar General Bus Stand Near 72.321213 Owned/ Rented/ shike 290 14047 Adhiwal 31.28899 225 1 Commercial No No Good tea shop 33 Managed Leased sahid Chowk Jhang City 31.278420 72.313444 Near TMA Owned/ Rented/ Muhamma 165 291 21013 1 Commercial No No Good Tea stall Office 56 73 Managed Leased d Ayyub Owned/ Rented/ Abdul Adjacent 292 12036 31.27126 72.317405 45 1 Commercial No Good Tea stall No islamia Managed Leased Rahman

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 **Property** SR Shop Area No of Ownership Litigation Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories** Code Address Status ent Status Exist Status Name Status School Jhang Adjacent 31.271563 72.317308 islamia Owned/ Rented/ Sajjad tobacco 293 12024 44 No No 1 Commercial Good School 33 33 Managed Leased Ahmad godown **Jhang** Adjacent 31.271918 islamia Owned/ Rented/ **Jamshed** Tobacco 294 12022 72.317285 100 1 Commercial No No Good School 33 Managed Leased labal Shop **Jhang** Adjacent 31.271828 72.317252 islamia Owned/ Tobacco Rented/ 25 295 12026 1 Commercial No No Good M. Tifail School 51 04 Shop Managed Leased Jhang Adjacent islamia 31.271818 72.317231 Owned/ Rented/ tobacco 296 12023 544 1 No No M. Yaqoob Commercial Good 89 49 School Managed Leased shop **Jhang** Adjacent islamia 31.271731 Owned/ Rented/ Tobacco 297 12037 72.317285 25 2 Commercial No No Good M. Asif 67 School Managed Leased Shop **Jhang** Adjacent islamia 31.271581 72.317281 Owned/ Rented/ Sajjad tobacco 298 12025 54 1 Commercial No No Good School 19 46 Managed Leased ahmad shop Jhang 31.271683 72.317248 Head Octroi Owned/ Rented/ 299 19003 98 1 Commercial No No Good M. Aslam Toy Shop Post Jhang 33 33 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 Property SR Area No of Ownership Litigation Shop Property Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Status** Code Address **Stories** Status ent Status **Exist** Name Status Head Octroi Rented/ 72.317241 Owned/ Muhamma 98 300 19002 31.271825 1 Commercial No No Good Toys Shop Post Jhang 67 Managed d Aslam Leased 31.271901 Head Octroi Rented/ M. Zahid Owned/ 19036 72.31749 301 72 1 Commercial No No Good Type Shop 67 Post Jhang Managed Leased Mubashar Adjacent islamia 72.317168 Owned/ Ghulam Rented/ 302 12027 31.271995 70 1 Commercial No No Good Type Shop School 33 Managed Leased Dastegir Jhang Adjacent islamia 31.271996 72.317157 Owned/ Rented/ Zahid 70 303 12028 1 Commercial No No Good tyre shop School 71 94 Managed Leased Rafig **Jhang** Nawaz Shareef 31.301651 Owned/ Rented/ 304 72.32342 144 2 Commercial No No In Auction Vacant Good Park Jhang 67 Managed Leased City Canteen 31.289858 72.321066 Owned/ Rented/ 305 General Bus 816 1 Commercial No No In Auction Good Vacant 67 33 Managed Leased stand Chowk 31.305076 72.324691 Owned/ Rented/ Vegetable 306 4004 Bazar Jhang 64 1 Murtaza Commercial No No Good 67 67 Managed Leased Shop City Chowk 72.324643 Owned/ Rented/ Vegetable 72 307 4005 Bazar Jhang 31.305105 1 Commercial No No Good M. Nasir 33 Shop Managed Leased City Chowk 72.324573 Owned/ Rented/ Fiaz vegetable 308 4017 31.305085 88 1 No Bazar Jhang Commercial No Good 33 shop Managed Leased hussain City

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Jhang Form: Shop Asset Code: IDAMP-A17 **Asset Condition Assessment** Date: 26-01-2023 Property SR Shop **Property** Area No of Ownership Litigation Encroachm Current Tenant Latitude Longitude Location Condition **Business** (Sqft) **Stories Status** Code Address Status ent Status Exist Name Status Adjacent 31.271547 islamia 72.317247 Owned/ Rented/ 309 12030 52 1 No No Nasir khan Commercial Good waan shop School 57 Managed Leased 64 Jhang Adjacent 31.271516 islamia 72.317308 Owned/ Rented/ Javeed 310 12015 54 No No 1 Commercial Good Waan Shop School 67 33 Managed Leased labal Jhang General Bus Stand Near 31.289048 72.320956 Owned/ Rented/ Shafqat waiting 225 311 14056 Adhiwal 1 Commercial No No Good 33 67 Managed Leased Niwaz area shop Chowk Jhang City Muhamma Chungi 31.265513 72.327453 Owned/ Rented/ welding 5001 100 2 312 Commercial No No Good 33 33 Gojra Road Managed Leased shop Abdullaha Inside General Bus 31.290141 72.322961 M & H Owned/ Rented/ 313 14032 Stand 5440 1 Commercial No No Good work shop 67 67 Managed Leased Company Sarghodha Road Tehsil Road 31.273136 72.316934 Owned/ Rented/ Anwar clothes 314 22046 64 1 Commercial No No Good Jhang Sadar 16 82 Managed Leased Igbal shop Average 1 2 3 5 4 Score Asset Excellent Fair Good Poor Failing Condition

	Integrated Development and Asset Management Plan (IDAMP)													
	Municipal Committee Jhang													
Forn	n: IP-A17						Asse	Shop t Condition As	sessment					e: 26-01-2023
SR ·	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Condition	Tenant Name	Business				
Ca	tegory		Α		В							D E		
	Data Collected By: Mr. Abdullah						Designation: Team Member					Jufth Sign & Date: 15 May 2023		
		Data Checked	d By: Mr. M Fiaz	7			Desigr	nation: Team L	ead		N	Sign & Date:		

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	Not Available
2	Jhang City Slaughter House	Not Available	Poor	0.19	Not Available
	Harmal Pura (Mohalla Bagh Wala)	Not Available	Poor	0.25	Not Available

		Integrated Dev	<u> </u>		agement Plan (IDAMP)
			Municipal	Committee .	Jhang
Form: IDAMP-A1		As	Slaughte set Conditio	erhouse n Assessmen	Asset C t Dat
Name			Chama	an Pura	Pictures
Location	Lati	tude	31.29	98844	
Location	Lone	gitude	72.3	2126	
Address			•	hah Road, ang	
Year of Co	nstru	ction			
Total Area	1		3 kanal	9 marla	
Ownership)		MC J	lhang	
Slaughte r	Lar	ger Animals	30	-35	
Capacity (Per Day)	Sm	aller Animals	55	-60	
Superviso	r		Yes	No	
Doctor's R	oom		Yes	No	
Inhabitatio	n Fac	ility	Yes	No	
Slaughteri	ng Ha	ıll	Yes	No	Jhang Sadar, F Lookley Shan Rd, Jhan Pakistan
Eviscerati	on Ha	11	Yes	No	Google 26/01/22 06:11 PM GM
Meat Cutt	Meat Cutting Room			No	
Blood Collection Arrangements		Yes	No		
Skin Storage Room			Yes	No	
Tools Disir	Tools Disinfectant System			No	
Health and	l Hygi	ene SOPs	Yes	No	



Asset Code:

Pictures

Integrated Development And Asset Management Plan (IDAMP)												
Municipal Committee Jhang												
Form:		Slau	ghte	rho	use		Asset Code:					
IDAMP-A15.1	As	set Conc	litio	n As	sessmen	t	Date: 26-01-2023					
Refrigeration System	/ Storage	Yes			No							
Separate Fac Animals	ility for Sick	Yes			No							
Water Supply S	System	Yes			No							
Drainage & Dis	posal Facility	Yes			No							
Solid Waste Facility	e Collection	Yes			No							
Boundary Wall	& Gate	Yes			No							
Approach Road	d Condition	Good	Fa	air	Poor							
Civil Structure	Condition	Good	Fa	air	Poor							
			Ov	erall	Rating							
Average Score	1	2	2		3		4	5				
Asset Condition	Excellent	Good			Fa	ir	Poor	Failing				
Category	Α	E	3		С		D	E				
		Rem	arks	s / R	equirem	ents						
No remark.	S											
Data Collect Abdullah	ed By: Mr.	Designation: Team Member				ber	J	Ish				
							Sign & Date: 15	o May 2023				
Data Checked E	By: Mr. M Fiaz	Design	atio	n: Te	eam Lead	1	May	apy .				
							Sign & Date: 15	5 May 2023				

	I	ntegrated Devel	opmen	t Ar	nd A	sset Man	agemer	nt Plan (IDAMP)		
			Munic	ipal	Con	nmittee .	Jhang			
Form:			Slaud	ghte	rho	use	Asset Code:			
IDAMP-A1	5.2	Asse				sessmen	t Date: 26-01-2023			
Name					ng C	ity House		Pictures	5	
	Latit	ude			2991					
Location	Location Longitude					85				
	=09					Sharif				
Address			Park	, Jh	ang	Saddar				
Year of Co	nstruc	tion								
Total Area			1 k	anal	10	marla				
Ownership	1			МС	Jhai	ng				
Slaughte r	Larç	ger Animals		1	5-20)				
Capacity (Per Day)	Sma	ller Animals		30	0-35	,				
Supervisor			Yes	5		No				
Doctor's R	oom		Yes	S		No				
Inhabitatio	n Faci	lity	Yes			No				
Slaughterir	ng Hal	1	Yes			No				
Evisceration	n Hall		Yes	5		No				
Meat Cutti	ng Ro	mo	Yes			No		Net Set = 1/		
Blood Colle	ction	Arrangements	Yes			No				
Skin Storac	ge Roo	om	Yes			No		Jhang, Pur 78XC+935, JAN Pakistan	njab, Pakistan - Jhang, Punjab,	
Tools Disin	fectar	nt System	Yes			No	Goog	Lat 31.298844 Long 72.32126		
Health and	Hygie	ene SOPs	Yes			No				
Refrigerati System	on	/ Storage	Yes		No					
Separate Animals	Facili	ty for Sick	Yes	S	No					
Water Supp	oly Sy	stem	Yes	5		No				
		sal Facility	Yes			No				
Solid Waste	e Colle	ection Facility	Yes	5		No				
Boundary \	Nall &	Gate	Yes	5		No				
Approach F	Road (Condition	Go od	F	air	Poor				
Civil Structure Condition			Go od		air	Poor				
					erall	Rating				
	Average Score 1			2		3	}	4	5	
Asset Condition	Asset Excellent			bod		Fa	ir	Poor	Failing	
Categor	у	Α		В		C	·	D	E	
			Remarks / Requirements							
No rem	narks									
L										

	Integrated Development And Asset Management Plan (IDAMP)												
	Municipal Committee Jhang												
Form: Slaughterhouse Asset Code:													
Data Collected E	By: Mr. Abdullah	Designation: Team Member	Jul9h Sign & Date: 15 May 2023										
Data Checked B	y: Mr. M Fiaz	Designation: Team Lead	Sign & Date: 15 May 2023										

		Integrated Dev	/elopment Ar	nd Asset Man	agement Plan (IDAMP)
			Municipal	Committee .	Jhang
Form:		٨٥	Slaughte	erhouse n Assessmen	Asset C
Name				ıı Assessinen al Pura	Pictures
	Lati	tude		53576	1 local co
Location		gitude		0278	
Address		<u>,</u>	Mohalla E	Bagh Wala, ang	
Year of Co	nstru	ction			
Total Area	ì		021	kanal	
Ownership)		MC J	lhang	
Slaughte r	Lar	ger Animals	15	-20	
Capacity (Per Day)	Sm	aller Animals	25	-30	
Superviso	r		Yes	No	
Doctor's R	oom		Yes	No	t
Inhabitatio	n Fac	ility	Yes	No	
Slaughteri	ng Ha	all	Yes	No	
Eviscerati	on Ha	11	Yes	No	
Meat Cutt	ing Ro		Yes	No	
Blood Arrangem	ents	Collection	Yes	No	Jhang, Punjab Plar 10d, Modealle fla Pakestan Modealle fla
Skin Stora	ige Ro	oom	Yes	No	Google Long 72,309734- 20/01/23 06:20 PM 0
Tools Disi	nfecta	int System	Yes	No	
Health and			Yes	No	
Refrigeration / Storage System			Yes	No	
Separate Animals	Facil	ity for Sick	Yes	No	
Water Sup	ply S	ystem	Yes	No	
		osal Facility	Yes	No	
Solid W Facility	/aste	Collection	Yes	No	



Asset Code: _

Pictures

li	Integrated Development And Asset Management Plan (IDAMP)											
Municipal Committee Jhang												
Form: IDAMP-A15.3	As	ıt	Asset Code: Date: 26-01-2023									
Boundary Wall &	Gate	Yes		No								
Approach Road C	Condition	Good	Fair	Poor								
Civil Structure Co	ondition	Good	Fair	Poor								
			Overal	l Rating								
Average Score	1	2	2	3	3	4	5					
Asset Condition	Excellent	Go	od	Fair		Poor	Failing					
Category	Α	Е	3	C		D	E					
		Rem	arks / F	Requirem	ents							
 No remarks 												
Data Collected Abdullah	By: Mr.	Design	ation: T	eam Mem	ber	Sign & Date: 15						
Data Checked By:	Mr. M Fiaz	Design	ation: T	eam Lead	1	Sign & Date: 15	5 May 2023					

Bus Stand В.

Sr #	Name	Age (Years)	Condition	Area (Acres)	Book Value (PKR Mil)
1	General Bus Stand, Sargodha Road	Not Available	Fair	13.38	2006.3

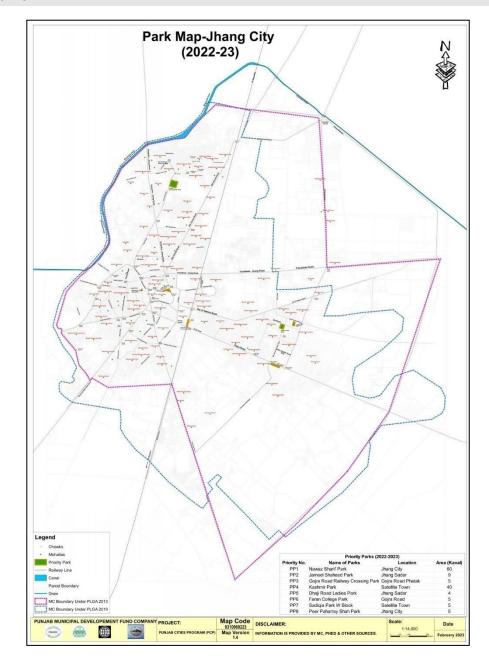
	Int	egrated	Devel					nt Plan (IDAMP)
				Munio	cipal	Comm	ittee Jhang	
Form						Stand		Asset C
IDAMP-	412		Ass			n Ass	essment	Dat
Name				Bus S				Pictures
Location	Latitud		31.289292			-		
200411011	Longitu	de	72.320806					
Address				argodh Jhang				
Year of Cor	structio	n	1	Not Av	ailabl	е		
Last Major	Renovat	ion	1	Not Av	ailabl	е		
Area (Acres	s)			13.	375			
Ownership				М	С			
Class			Α	В	С	D		
Status			Act	ive	lo	dle		
Designed	Buses		1	Not Av	ailabl	е		
Capacity	Coaste	ers	1	Not Av	ailabl	е		
of Vehicles	Wagon	s	1	Not Av	ailabl	е		
Daily parking of	Buses		20-50					
vehicles (based on	Coaste	ers	20					
informatio n provided	Wagon	s	30-50					MI
by MC)	Ricksh	aws		5	0			
Distance fr area	om the	urban		With i	n City	1	2 • /2	Jhang Sadar, Pun Lari Adda, 78QC+J7H, S
Security	At Ent	ry	Ye	es	1	٧o	, S	Sadar, Jhang, Punjab, P Lat 31.289313° Long 72.320822°
Security	At Exit		Y	es	1	٧o	Google	26/01/23 02:50 PM GM
Security	At Ent	ry	Ye	es	1	٧o		
Cameras	At Exit			es		No.		
Gate	At Ent	ry	Ye	es	1	No.		
Oute	At Exit		Ye	es	1	No.		
Waiting	Men		Yes		1	No		
Area	Familie	es	Ye	es	1	No		
Washroo	Male		Y	es	1	٧o		
m	Female	9	Ye	es	1	No.		
	Male		Ye	es	1	No.]	



Asset Code: _

Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang												
			M	luni	cipal Con	nmi	ttee Jhang					
Form:			Asset	t Co	Bus Star		essment	Asset (Code: te: 26-01-2023			
Prayer Room	Fema	ale	Yes		No							
Administrat	ion Of	fice	Yes		No							
Parking	Ricl	kshaw	Yes		No							
Stand	Car	S	Yes	Yes No								
Fuel Outlets	Fuel Outlets				No							
Reception D	esk		Yes		No							
Ticketing Sy	stem		Yes		No							
Tuck Shop			Yes		No							
Ablution Are	ea		Yes		No							
Pedestrian			Yes		No							
Green Space	es		Yes		No							
Water		Drinking	Vac		Na							
Arrangemer	nt		Yes		No							
Water		Disposal	Yes		No							
Arrangemer												
Boarding Sh	ed		Yes		No							
Workshops			Yes		No							
Lighting			Yes		No							
Boundary W	all		Yes		No							
Flooring &	Type			PCC/Tuff Pavers								
Pavement	Cond	ition	Good Fair Poor				1.9					
A.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1				Overall	ка	ting					
Average Score		1			2		3	4	5			
Asset Condition		Excellen	t	G	ood		Fair	Poor	Failing			
Category		Α			В		С	D	E			
				Ren	narks / R	equ	irements					
 No rema 	arks											
Data Collected By: Mr. Abdulla			llah De	h Designation: Team Member			Member	Julop				
						Sign & Date: 15	May 2023					
Data Checke	z De	sign	nation: Te	am	Lead	May	yay					
								Sign & Date: 15	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	Dajji Park	Not Available	Failing	0.2	14
4	Ganda Toya	Not Available	Failing	0.25	15
5	Paharay Shah	Not Available	Fair	1.1	96

		ntegrate				d Asset N Committe	Management Plan (IDAMP) ee Jhang			
	Form: IDAMP-A10.1				Park Asset Condition Assessment					
Name			Naw	az S	harif	park	Pictures			
	Latitu	de	3	1.29	9958	3				
Location	Longi	tude	7	2.32	2263	3				
Area In Ac	res			7	.5					
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)				M	1C					
Turfing Co	ndition	·	Good	F	air	Poor				
Approach	Road		Good	F	air	Poor				
Parking Lo			Yes			No				
Canteen A	vailabil	itv	Yes No			No				
Average n visitors (based on t of MC staf	umber the ass f)	of daily essment	Not Available							
encroachn	Any illegal occupants or encroachments observed-if yes, type		Not Available			ole	Jhang, Punjab, P			
Security s	ystem		Yes			No	Punjab, Pakistan Lat 31.299583°			
	W	atering 8	& Irrigatio				Google Long 72.322633° 26/01/23 03:20 PM GM			
Tube Well	- 1 	. 14	-1.01		'es	No				
Water Supply from Municipal Water Tank			aı System		'es 'es	No No				
Pumping Unit					'es	No				
Distribution Pipe Lines					es 'es	No				
Valves					es	No				
-	Sprinkler System				'es	No				
Ground reservoirs,	wa	ter	storage	Υ	'es	No				



Asset Code:

Integrated Development And Asset Management Plan (IDAMP)									
	Municipal Committee Jhang								
Form:	A	Par		Asset Code:					
IDAMP-A10.1			n Assessr	ment Date: 26-01-2023					
	dscaping & Plantat		No						
Grass Beds		Yes	No No						
Flower Beds		Yes Yes	No No						
Hedges Plants		Yes	No						
Number of trees a	and species	163	INO						
	eadily available	Not Av	vailable						
information at MC		110071	vanabie						
	Lights								
Total Number	, and the second	Not Av	vailable						
Poles		Yes	No						
Cables		Yes	No						
Brackets And Ligh	nts	Yes	No						
Bulbs And Tubes		Yes	No						
Control Units		Yes	No						
	Structures								
No. of Toilets	Gents		3						
	Ladies		3						
	Gents	Po	or						
Toilets	Ladies		oor						
Buildings		Yes	No						
Fountains & Wate	r Fall Structure	Yes	No						
Walkways		Yes	No						
Jogging tracks	anton for wheel	Yes	No						
chairs	gates for wheel	Yes	No						
Bridges & Culverts	3	Yes	No						
Play Area	,	Yes	No						
Gazebos		Yes	No						
Benches/ sitting a	rrangements	Yes	No						
Boundary Wall & 0	_	Yes	No						
Toilets		Yes	No						
Lakes & Brooks		Yes	No						
Mo	echanical Equipmen	nt							
Pumping Units		Yes	No						
Swings		Yes	No						
Children Games		Yes	No						
Fixtures		Yes	No						
Benches		Yes	No						
	itation & Water Sur	oply Yes	No						
	Litter Bins								
Condition of SWM	Condition of SWM		air Poo						
Toilet Fixtures		Yes	No						
Sewerage System		Yes	No						
Vegetation Cuttin	gs & Disposal	Yes	No						
Drinking water	,								
	on availability of	Not A	/ailable						
water quality test	reports)								

Integrated Development And Asset Management Plan (IDAMP)									
Municipal Committee Jhang									
Form: IDAMP-A10.1	As	Parl set Condition	·	ment	Asset Code: Date: 26-01-2023				
Water Pipes		Yes	No						
	HR			-					
Security Guards	ò	Yes	No						
Landscape Expe	erts	Yes	No						
Mali/Beldaar (N	umber)	Yes	No						
		Ove	rall Rati	ng					
Average Score	1	2		3	4	5			
Asset Condition	Excellent	Good		Fair	Poor	Failing			
Category	Α	В	С		D	E			
		Remarks	/ Requir	ements					
 Play Areas, 	Lights and wate	r coolers are r	equired.						
Data Collected E	Designation: Team Member			Jul Sign & Date: 15 May 2023					
Data Checked B	y: Mr. M Fiaz	Designation:	Team Le	ead	Sign & Date: 15 May 2023				

	Integrated Development And Asset Management Plan (IDAMP)										
	Municipal Committee Jhang										
Form		Asset	•	ark on Assess	ment	Asset Code: nent Date: 26-01-2023					
Name			Jami	l Shahe	ed Park		Pictures				
Location	Latitu	de	3	31.2741	.64						
Location	Longi	tude	7	2.3222	26						
Area In Ac	res		3.75								
or posses to MC to department	Ownership-Owned by MC or possession allocated to MC by any other department (documents available)		МС				GPS Map Camera				
Turfing Co	ndition		Good	Fair	Poor		Jhang Sadar, Punjab, Pakistan				
Approach	Road		Good	Fair	Poor	0	78FC+JVW Jamil Shaheed Park, Jhang-Sargodha Rd, Ayub Chowk,				
Parking Lo	ts		Yes		No		Saddar, Jhang, Punjab, Jhang Sadar, Jhang, Punjab, Pakistan Lat 31.274164°				
Canteen Availability		Yes		No	SAL	Long 72.322226°					
Average number of daily visitors (based on the assessment of MC staff)					Google	27/01/23 10:59 AM GMT +05:00					

Integrated Development And Asset Management Plan (IDAMP)								
		Мι	unicipal (Committe	ee Jhang			
Form:			Par	k	Asset Code:			
IDAMP-A10.2	,	Asset C	Condition	Assessr	ment Date: 26-01-2023			
Any illegal occup	ants or							
encroachments		No	t Availab	le				
observed-if yes, t	уре							
Security system		Yes		No				
W	atering & Irr	igatior	1					
Tube Well			Yes	No				
Water Supply from	Municipal S	ystem	Yes	No				
Water Tank			Yes	No				
Pumping Unit			Yes	No				
Distribution Pipe L	ines .		Yes	No				
Valves			Yes	No				
Sprinkler System			Yes	No				
Ground wat	ter st	orage	Yes	No				
reservoirs/ponds	decaping 0 F)lantat						
Grass Beds	dscaping & F	ıanıdt	Yes	No				
Flower Beds			Yes	No				
Hedges			Yes	No				
Plants			Yes	No				
Number of trees a	nd species		163	110				
		ailable						
information at MC								
	Lights							
Total Number			Not A	/ailable				
Poles			Yes	No				
Cables			Yes	No				
Brackets And Ligh	ts		Yes	No				
Bulbs And Tubes			Yes	No				
Control Units			Yes	No				
	Structur	es						
No. of Toilets	Gents			2				
	Ladies			2				
I	Gents			or				
Toilets	Ladies			or				
Buildings Fountains & Water	Fall Structu	ro	Yes Yes	No No				
Walkways	ı alı Structu	16	Yes	No				
Jogging tracks			Yes	No				
	nates for	whaal	Yes	INU				
chairs	Ramps at entry gates for wheel			No				
Bridges & Culverts			Yes	No				
Play Area			Yes	No				
Gazebos			Yes	No				
Benches/ sitting a	rrangements	;	Yes	No				
Boundary Wall & G			Yes	No				
Toilets			Yes	No				
Lakes & Brooks			Yes	No				
Me	chanical Eq	uipmer	nt					
Pumping Units			Yes	No				

	Integrated Development And Asset Management Plan (IDAMP)									
		Municipal (Committe	ee Jhang						
Form:		Par			Asset					
IDAMP-A10.2	As	set Condition	Assessr	nent	Da	te: 26-01-2023				
Swings		Yes	No							
Children Games		Yes	No							
Fixtures		Yes	No							
Benches		Yes	No							
	tation & Wate									
Litter Bins		Yes	No							
Condition of SWM		Goo _{Fa}	air Poo							
		a	l r							
Toilet Fixtures		Yes	No							
Sewerage System		Yes	No							
Vegetation Cutting		Yes	No							
Drinking water	availability	and								
quality	lability of	atas								
(based on avail		ater								
quality test report	.5)	Yes	No							
Water Pipes	HR	res	INO							
Security Guards	пк	Yes	No							
Landscape Expert	c	Yes	No							
Mali/Beldaar (Num		Yes	No							
Wally Deladar (Nati	iber)		rall Ratir	ות חמ						
Average Score	1	2	Tull Ruth	3	4	5				
Asset Condition	Excellent	Good		Fair	Poor	Failing				
Category	A	В		C	D	E				
Category		Remarks	/ Requir			_				
No remarks		Remarks	, reguir							
110 Tellial No						41				
					Jul	Sh				
Data Collected By:	: Mr. Abdullah	Designation:	Team Me	ember	V +	• •				
					Sign & Date: 15	May 2023				
					1	h				
			_		W buff	long				
Data Checked By:	Mr. M Fiaz	Designation:	ream Le	ad	DW	U				
					Sign & Data: 1E	May 2022				
					Sign & Date: 15	IVIAY 2023				

Asset Code:

	1	ntograte	d Davalas	mont A	nd Assat	Management Plan (IDAMP)
		niegrate			Committ	
Form IDAMP-A		Asset		irk on Assess	Asset (ment Da	
Name				Dajji Par	·k	Pictures
Laastian	Latitu	ıde		31.273	8	
Location	Longi	tude		72.314	6	
Area In Ac	res			0.2		
Ownership or posses to MC to department (document	ssion a by any nt	allocated y other		МС		
Turfing Co	ndition		Good	Fair	Poor	
Approach	Road		Good	Fair	Poor	
Parking Lo	ts		Yes		No	
Canteen A	vailabil	lity	Yes		No	
Average n visitors (based on t of MC staf Any illega	the ass f)	essment				
encroachn observed-i	nents		No	ot Availa	ble	
Security s	ystem		Yes No			Jhang Sadr, Punjab, Pakista Latitude Longitude
	W	/atering 8	& Irrigatio		_	31.2738° N 72.3146° E Local 03.42.39 PM Altitude 155.
Tube Well	. l £	. 14	-1 C t	Yes	No	GMT 10:42:39 AM Thursday, 03/
Water Supp Water Tank		n Municip	ai System	Yes Yes	No No	
Pumping U				Yes	No	
Distribution		_ines		Yes	No	
Valves	·			Yes	No	
Sprinkler S				Yes	No	A STATE OF THE STA
Ground reservoirs,		iter	storage	Yes	No	
	•	dscaping	& Planta	tion		
Grass Beds		, ,		Yes	No	
Flower Bed	ls			Yes	No	
Hedges				Yes	No	
Plants	1			Yes	No	
Number of trees and species (based on readily available information at MC)				Not A	vailable	
Total Numb	Lig	hts		0	_	
Total Number Poles				Yes	No	
Cables				Yes	No	
Brackets A	nd Ligh	nts		Yes	No	
Bulbs And				Yes	No	
Control Un				Yes	No	
		Struc	tures			





Integrated Development And Asset Management Plan (IDAMP)									
	Municipal Committee Jhang								
Form:	Form: Park Asset Code:							Code:	
IDAMP-A10.3	As	set C	ondition	ı As	sessr	nent	Da	ate: 26-01-2023	
No. of Toilets	Gents Ladies			0					
Condition o	of Gents			U					
Toilets	Ladies								
Buildings	Laules		Yes		No				
Fountains & Wat	or Fall Structure		Yes		No				
Walkways	er i ali Structure		Yes		No				
Jogging tracks			Yes	_	No				
Ramps at entr	y gates for w	heel	Yes		No				
Bridges & Culver	rt c		Yes		No				
Play Area			Yes	_	No				
Gazebos			Yes		No				
Benches/ sitting	arrangements		Yes		No				
Boundary Wall &			Yes		No				
Toilets	Oute		Yes		No				
Lakes & Brooks			Yes		No				
	Mechanical Equi	nmen							
Pumping Units	vicentamical Equi	Pilicii	Yes		No				
Swings			Yes		No				
Children Games			Yes		No				
Fixtures			Yes		No				
Benches			Yes	_	No				
	nitation & Water	r Sup							
Litter Bins	acron & mater	Jun	Yes		No				
Condition of SW	M		Yes		No				
Toilet Fixtures			Yes		No				
Sewerage Syste	m		Yes		No				
Vegetation Cutti			Yes		No				
Drinking water		and							
quality	,		NIAL A.	:1.	-1-1-				
(based on ava	ailability of w	ater	Not A	/dlld	anie				
quality test repo	rts)								
Water Pipes			Yes		No				
	HR								
Security Guards			Yes		No				
Landscape Expe			Yes		No				
Mali/Beldaar (Nu	ımber)								
			Ove	ral	Ratir	ng			
Average Score	1		2			3	4	5	
Asset Condition	Excellent		Good			Fair	Poor	Failing	
Category A			В			С	D	E	
		R	Remarks	/R	equir	ements			
 Ticket sy 	stem, Security, I	Play A	Areas, Li	ight	s and	water cool	ers are required.		
			gnation:	Te	am Me	ember	Jul	Sh	

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

		ntegrate	d Develop	ment An	d Asset N	Management Plan (IDAMP)
			М	unicipal	Committe	ee Jhang
Form IDAMP-A			Asset (Pai Conditio	rk n Assessi	Asset Code: nent Date: 26-01-202
Name			G	anda Toy	/a	Pictures
	Latitu	ıde		31.2692)	
Location	Longi	tude		72.3161		
Area In Ac	res			0.25		
Ownership or posses to MC to department (document	sion a y any it	allocated y other		МС		
Turfing Co			Good	Fair	Poor	
Approach I			Good	Fair	Poor	
Parking Lo			Yes		No	
Canteen A		lity	Yes		No	S-GPS Map Gamara Lite
Average n visitors (based on t of MC staf	he ass	-	Not Available		ole	Jhang Sadr, Punjab, Pakistan SUZUKI SUZUKI Latitude 31.2692° N 72.3161° E Local 03.35.34 PM Altitude 161.9 meters Thursday, 03/30/2023
Any illega encroachm observed-i	ents		Not Available			
Security sy	/stem		Yes		No	
	W	/atering 8	& Irrigatio			GPS Map
Tube Well	1 6		10 1	Yes	No	Jhang Sadr, Punjab, Pakistan
Water Supp	-	n Municip	ai System	Yes	No	Latitude Longitude 31.2691° N 72.3161° E
Water Tank Pumping U				Yes Yes	No No	Local 03:35:42 PM Altitude 163.8 meters GMT 10:35:42 AM Thursday, 03/30/2023
, ,		ines		Yes	No	
Distribution Pipe Lines Valves				Yes	No	
Sprinkler System			Yes	No		
		storage	Yes	No		
		dscaping	& Plantat	ion		
Grass Beds				Yes	No	
Flower Bed	S			Yes	No	

lı	ntegrated Develop	ment An	d Asset N	Management Plan (IDAMP)
			Committe	
Form:		Par		Asset Code:
IDAMP-A10.4	Asset (Condition	n Assessr	ment Date: 26-01-2023
Hedges		Yes	No	
Plants		Yes	No	
Number of trees a	-	Not A	vailable	
	eadily available	NOUA	valiable	
information at MC				
Total Number	Lights		^	
Total Number			0 No	
Poles Cables		Yes Yes	No No	
	tc	Yes	No	
Brackets And Ligh Bulbs And Tubes	ıs	Yes	No	
Control Units		Yes	No	
CONTROL OHIES	Structures	163	NO	
	Gents		0	
No. of Toilets	Ladies		0	
Condition of	Gents			
Toilets	Ladies			
Buildings		Yes	No	
Fountains & Water	Fall Structure	Yes	No	
Walkways		Yes	No	
Jogging tracks		Yes	No	
	gates for wheel	Voc	No	
chairs		Yes	No	
Bridges & Culverts		Yes	No	
Play Area		Yes	No	
Gazebos		Yes	No	
Benches/ sitting a	_	Yes	No	
Boundary Wall & G	ate	Yes	No	
Toilets		Yes	No	
Lakes & Brooks	- t t = t = t	Yes	No	
	chanical Equipmer		Na	
Pumping Units Swings		Yes Yes	No No	
Children Games		Yes	No	
Fixtures		Yes	No	
Benches		Yes	No	
	tation & Water Sur		110	
Litter Bins		Yes	No	
Condition of SWM		Goo	air Poo	
	Condition of SWM			
Toilet Fixtures	Toilet Fixtures		No	
Sewerage System		Yes	No	
Vegetation Cutting	gs & Disposal availability and	Yes	No	
Drinking water				
quality	<u>-</u>			
	ability of water			
quality test report	S)		N 1	
Water Pipes	LIE	Yes	No	
Cocurity Cuanda	HR	V	Me	
Security Guards		Yes	No	

Integrated Development And Asset Management Plan (IDAMP)										
Municipal Committee Jhang										
Form:		Par		,		Code:				
IDAMP-A10.4		set Condition		ment	Da	te: 26-01-2023				
Landscape Expert		Yes	No							
Mali/Beldaar (Nun	nber))							
			rall Ratii		T -					
Average Score	1	2		3	4	5				
Asset Condition	Excellent	Good		Fair	Poor	Failing				
Category	Α	В		С	D	Е				
		Remarks	/ Requir	ements						
 No remarks 										
Data Collected By.	: Mr. Abdullah	Designation: Team Member			Jutop					
					Sign & Date: 15	May 2023				
Data Checked By:	Mr. M Fiaz	Designation: Team Lead			Maritar					
					Sign & Date: 15	May 2023				

Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang										
Form: IDAMP-A10.5		Asset	•	Park ion Assess	ment	Asset Code: Date: 26-01-2023				
Name		Paharay Shah				Pictures				
Location	Latitu	ıde	31.3048							
Location	Longitude		72.3177							
Area In Acres		1.1								
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)		МС				Jhang Sadir, Punjab, Pakistan				
Turfing Condition		Good	Fair	Poor		31.3050° N 72.3179° E Local 03:21:34 PM Altitude 15:2.2 meters CMT 10:3134 AN Thursday 03:20/2023				
Approach Road		Good	Fair	Poor		GMT 10:21:34 AM Thursday, 03/30/2023				
Parking Lots		Yes		No						
Canteen Availability		Yes No		No		The state of the s				
Average number of daily visitors (based on the assessment of MC staff)		Not Available			Wattan	Control Lite Jhang Sadr, Punjab, Pakistan				
Any illegal occupants or encroachments observed-if yes, type		Not Available				Latitude Longitude 31. 3048° N 72. 3177° E Local 03.21:56 PM Altitude 152.2 meters GMT 10.21:56 AM Thursday, 03/30/2023				
Security system		Yes No								
	Watering & Irrigation									

Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Jhang Park **Asset Code:** Form: IDAMP-A10.5 **Asset Condition Assessment** Date: 26-01-2023 Tube Well Yes No Water Supply from Municipal System Yes No Water Tank Yes No Pumping Unit No Yes Distribution Pipe Lines Yes No Yes No Valves Sprinkler System Yes No 72.3178° E Ground water storage Yes No reservoirs/ponds Landscaping & Plantation Grass Beds No Flower Beds Yes No Hedges Yes No Plants Yes No Number of trees and species (based on readily available Not Available information at MC) Lights Total Number Poles Yes No Cables Yes No Brackets And Lights No Yes **Bulbs And Tubes** Yes No **Control Units** Yes No **Structures** 0 Gents No. of Toilets Ladies 0 Condition of Gents Toilets Ladies Buildings Yes No Fountains & Water Fall Structure Yes No Walkways Yes No Jogging tracks Yes No Ramps at entry gates for wheel Yes No chairs Bridges & Culverts No Yes 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 No Yes Sanitation & Water Supply

Integrated Development And Asset Management Plan (IDAMP)												
Municipal Committee Jhang												
Form:		Par	k		Asset Code:							
IDAMP-A10.5	As	set Condition		ment	Date: 26-01-2023							
Litter Bins		Yes	No									
Condition of SW	M											
Toilet Fixtures		Yes	No									
Sewerage Syste	m	Yes	No									
Vegetation Cutt	ings & Disposal	Yes	No									
Drinking wate	r availability	and										
quality		Not Av	Not Available									
(based on av	ailability of w	ater	r									
quality test repo	orts)											
Water Pipes		Yes	No									
	HR											
Security Guards		Yes	No									
Landscape Expe		Yes	No									
Mali/Beldaar (N	umber)	Yes	No									
		Ove	rall Ratir	ng								
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 E	By: Mr. Abdullah	Designation:	Team Me	ember	Intoh							
					Sign & Date: 15 May 2023							
Data Checked B	y: Mr. M Fiaz	Designation:	Team Le	ead	Monthal							
						Sign & Date: 15 May 2023						

D. Others

Sr #	Name	Age (Years)	Condition	Area (Acres)	Cost	Book Value (PKR Mil)
1	Cattle Mandi	Not Available	Fair	8		800
2	Model Bazar	Not Available	Good	0.8		56

6. Land

A. Open Plots

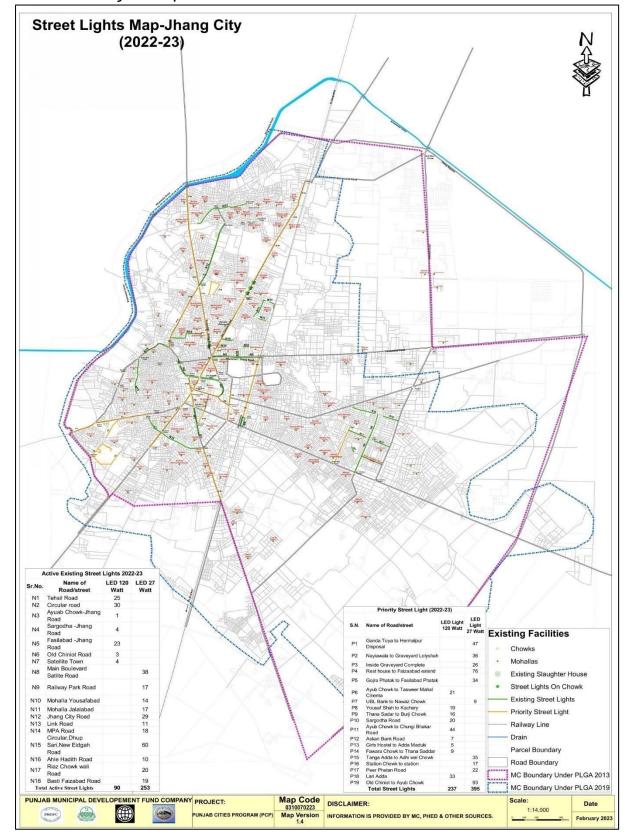
Sr #	Name	Condition	Area (Kanals)	Book Value (PKR Mil)
1	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15
2	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15
3	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15
4	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road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

Sr #	Name	Condition	Area (Kanals)	Book Value (PKR Mil)
16	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15
17	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15
18	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15
19	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15
20	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15
21	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15
22	Plot 1 Kanal-Inside General Bus Stand Sarghodha Road	Good	1	15
23	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5
24	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5
25	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5
26	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5
27	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5
28	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5
29	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5
30	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5
31	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5
32	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5
33	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5
34	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5
35	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5
36	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5
37	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5

Sr #	Name	Condition	Area (Kanals)	Book Value (PKR Mil)
38	Plot 10 Marla-Inside General Bus Stand Sarghodha Road	Good	0.5	7.5
39	Open plot Municipal Park	Good	Not Available	Not Available
40	General Buss Stand Open Plot	Good	0.5	7.5
41	General Buss Stand Open Plot	Good	0.5	7.5
42	General Buss Stand Open Plot	Good	0.5	7.5
43	Open Plot-Street Pathara Wali Jhang	Good	Not Available	Not Available
44	Open Land-Ganda Toya Bhakhar Road Jhang Sadar	Good	2	30
45	Bhabhrana Mohallah Open Plot	Good	0.15	2.3
46	Qita No 01-Mohallah Bhabrana Jhang Sadar	Good	0.001	0.0023
47	qita no 2-Mohallah Bhabrana Jhang Sadar	Good	0.05	0.75
48	gita no 3-Mohallah Bhabrana Jhang Sadar	Good	Not Available	Not Available
49	Plot For Dispensary-Satellite Town jhang	Good	4	55
50	Plot No/ 917/A For Dispensary- Satellite Town jhang	Good	Not Available	Not Available

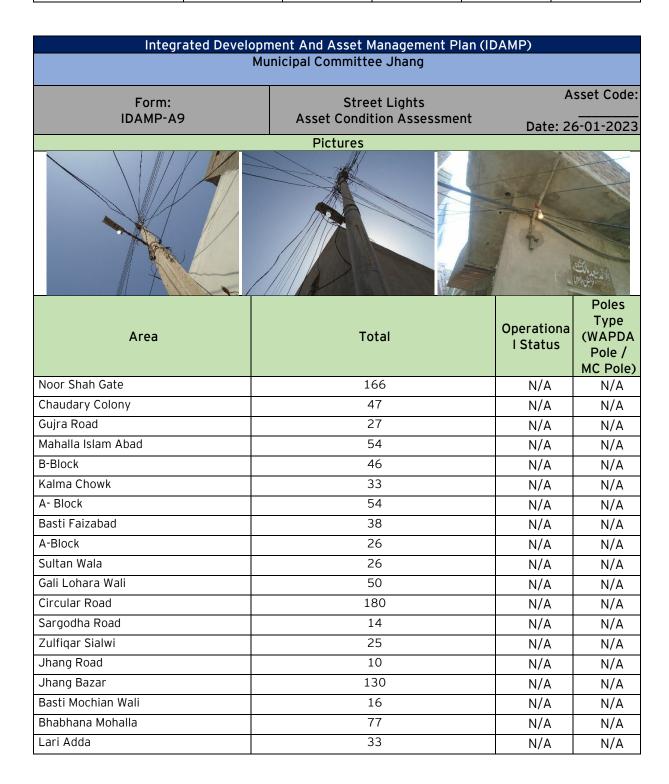
7. Street lights

7.1 Streetlights Map



	Streetlights	MC Operated	Privately operated
Operational Street Lights	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



Chambaili Market	20	N/A	N/A
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 UI 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
Nagad 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

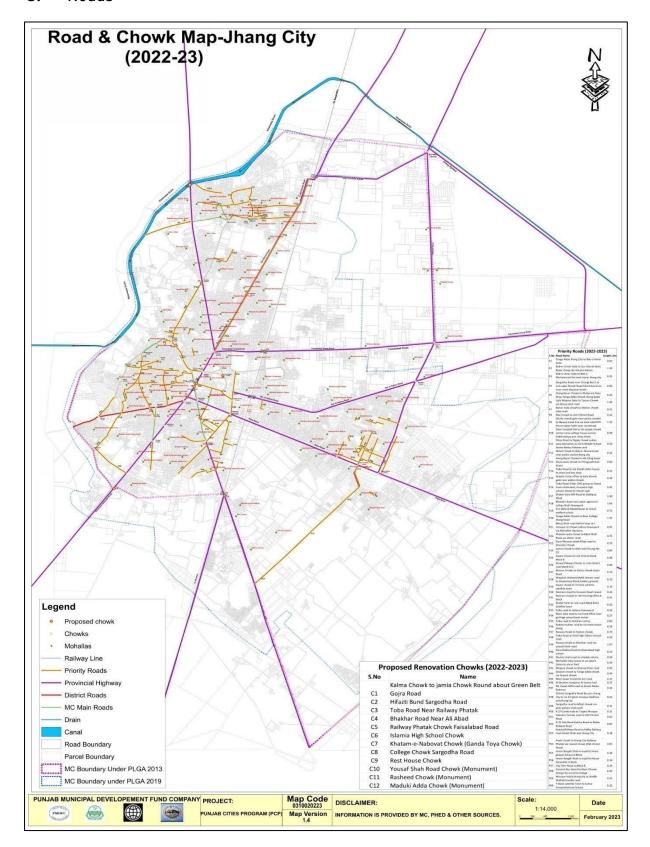
Bullay Shah	26	N/A	N/A
Nawaz Chowk	21	N/A	N/A
Sultan Mohalla	119	N/A	N/A
Sultan Mohalla	99	N/A	N/A
Dhaji Road	47	N/A	N/A
Anar Kali Bazar	138	N/A	N/A
Sadar High School	16	N/A	N/A
Main Bazar Soch	44	N/A	N/A
Near Baldia Park	57	N/A	N/A
District Courts	52	N/A	N/A
Basheer Colony	36	N/A	N/A
Near Laila-Majnu Gate	93	N/A N/A	N/A N/A
Inside Janzagah	32		
Muhalla Hasmana		N/A	N/A
	160	N/A	N/A
Muhalla Jalala Abad	79	N/A	N/A
Muhalla Dubkaran	99	N/A	N/A
Gharry Bhan	53	N/A	N/A
Bagha Wala	62	N/A	N/A
Janaza Gah Road	53	N/A	N/A
Marzi Pura Imam Kot Sharqia	106	N/A	N/A
Bulak Shah	100	N/A	N/A
Chorri Gran	44	N/A	N/A
Lodhan Shah	94	N/A	N/A
Madina Town	76	N/A	N/A
Gali Gujjara Wali	128	N/A	N/A
Mahalla Dawod Shan Jhang	83	N/A	N/A
Muhalla Sharifa Wala	77	N/A	N/A
Baab E Ali Aamir Town	45	N/A	N/A
Rehman Colony	119	N/A	N/A
Faislabad Road	74	N/A	N/A
Marzi Pura Imam Kot Sharqia	208	N/A	N/A
Government School Gali Sargodha Road	76	N/A	N/A
Darbar Bollay Shah Qabarustan	89	N/A	N/A
Zulfiqar Colony Bhakkar Road	46	N/A	N/A
Mohalla Hussain Abad	137	N/A	N/A
Basti Kal Wali	35	N/A	N/A
Ahmad Nagar	72	N/A	N/A
Chah Nishan Wala	51	N/A	N/A
Police Chowki	50	N/A	N/A
	Remarks / Requirements		
• Out of the 6072 lights in the M	IC, only 2896 lights are operational.		
Data Collected By: Mr. Abdullah	Designation: Team Member	Jud Sign & Date: 15	
		siyii a Dale: 15	iviay 2023

Data Checked By: Mr. M Fiaz	Designation: Lead	Team	Months
			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)		()
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

Sr#	Road Name		Paved Width	Existing Type	Length (km)
	From	То	(ft)		(KIII)
25	Bohar Wala Chowk	Station Chowk	25	TST	0.7
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	Bulaq Shah	15	TST	1.5
	Road	Ground			
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 Concret e 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	8.0	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,	Eid Gah	MC Jhang	TST		15	1	poor

	Integ	rated Developm	ent And Ass	et Manage	ment	Plan (ID <i>i</i>	AMP)	
		Mur	nicipal Comn	nittee Jhar	ng			
	Form: AMP-A8	Asset Cond	Road ition Assess	ment	Asset Code: Date: 26-01-2023			
	Sargodha Road							
15	Adhiwal Chowk	Via Sabzi Mandi Tanga Adda Saddar	MC Jhang	TST	50	20	2	poor
16	Sargodha Road	Road)	MC Jhang	TST	40	20	1	poor
17	Sabzi Mandi	Bye Pass Via Basti Kal Wali	MC Jhang	TST	40	20	2.5	poor
18	MPA Chowk JhangRoad	Street A- Rahman Wali Bhabhrana Mohallah	MC Jhang	TST	20	20	1	poor
19	Chiragh Pehalwan Akhara	Jhang Bazar Chowk	MC Jhang	TST	40	22	1.25	poor
20	Jhang Bazar Chowk	Tanga Adda Jhang Saddar	MC Jhang	TST	40	20	0.75	poor
21	Chiragh Pehalwan Akhara	Byepass / Hifazti Bund	MC Jhang	TST	40	20	0.9	poor
22	Chiragh Pehalwan Akhara	Harmal Pur Disposal	MC Jhang	TST	40	20	2.25	poor
23	Bhabhrana Mohallah / Laila Majno Gate	Abot Pur Chowk Via Bulaq Shah Road	MC Jhang	TST	40	20	2.3	poor
24	Abot Pur Chowk	Station Chowk	MC Jhang	TST	40	20	1.15	poor
25	Bohar Wala Chowk	Toba Road Via Millat College	MC Jhang	TST	55	25	0.7	poor
26	Thana Saddar Chowk /Islamia School	Toba Wala Phatak Toba Road	MC Jhang	TST+As p halt	55	25	2.25	poor
27	Fowara Chowk	Kot Road Via Main Bazar	MC Jhang	TST	40	18	0.8	poor
28	Railbazar Chowk Pakka Kot Road	Ayoub Chowk	MC Jhang	TST	60	30	1.05	poor
29	Darul Sakina Road Rehmat Street	Gojra Road	MC Jhang	TST	18	15	0.4	poor

	Integrated Development And Asset Management Plan (IDAMP)												
	Municipal Committee Jhang												
	Form: AMP-A8		Asse	t Cond	Road ition Assess	ment		Asset Code: Date: 26-01-2023					
30	Dhudhi Mo Musa Chow	1	Link		Forest Office Link Chiniot Road		MC Jhang	TST	60	15	0.85	poor	
31	Musa Ch	owk	Khokha (Chowk	MC Jhang	TST	60	20	1.2	poor			
32	Link Chi Road Green B		Behari C Via Bashir C	1	MC Jhang	TST	70	12	0.9	poor			
33	Bihari Co	lony	Link Ch Roa Via R Chov	d iaz	MC Jhang	TST	35	12	0.9	poor			
34	Satellite 1 Internal R				MC Jhang	TST	35	12	5	poor			
35	Toba Ro RailwayPh	oad	Faisala Road Ra Phatak Railw Colo	nilway K Via Yay	MC Jhang	TST	40	18	2.25	Good			
36	Ghalla M	andi	Nawaz C Via Dpo Resi Bac	Chowk I dance	MC Jhang	TST	40	18	1.1	poor			
37	Fowara Cl Dhajj Road	i	Bulaq S Grou		MC Jhang	TST	35	15	1.5	poor			
38	Chandni C	howk	Dhajji F Via Gumbad Masj	n o Wali	MC Jhang	TST	35	15	1.1	poor			
Data (Data Collected By: Mr. Abdullah			Desig	nation: Team	Member		ر Sign & Dai	ful Sh te: 15 May	2023			
Data (Data Checked By			Desig	nation: Team	Lead		Λ	Payly te: 15 May				

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	Not Available	970
2	Suzuki-Cultus	JGC 4242	20	Fair	Functional	0.35	1000 cc
3	Nissan-Safari	JGA 4141	35	Failing	Functional	0.37	1000 cc

Inte	grat	ed Dev	relopment and As	set Managemer	nt Plan (I	DAMP)			
			Municipal Com						
_									
Form: IDAMP-A16		Δ.	Moveable Asset Condition As			Asset Code: Date: 27-03-2023			
	h:-1-			ssessillellt	Diet				
Type of Ve	INICIE	e / Mac	ninery	TAKE S	PICT	ures			
Car	Jeeps								
			Jeep	Car 1		Car 2			
Capacity			970 CC	1000 C	С	1000 CC			
Purpose			Office Use	Office Us	se	Office Use			
Year of Manufactur	ing	N	ot Available	2003		1988			
Model			Potohar	Cultus		Safari			
Capital Cost		N	ot Available	Not Available		Not Available			
Fuel Consumpt (Liters/month)	ion		76	233		0			
Condition			Fair	Fair		Poor			
Engine Capacity			970 CC	1000 C	С	1000 CC			
Maintenance Cost		N	ot Available	Not Availa	able	Not Available			
Oiling /Fitness			Yes	Yes		Yes			
Fitness Certificate			No	No		No			
Registered			JGA-4077	JGC 424	12	JGA 4141			
Overall Rating			Fair	Fair		Failing			
			Remarks / R	equirements					
No remarks									
Data Collected Abdullah	1 Docidnation: Loam Mombor 1								

Ir	itegrated Dev	elopment and Asset Managemer	nt Plan (IDAMP)							
Municipal Committee Jhang										
Form: IDAMP-A16	As	Moveable Asset sset Condition Assessment	Asset Code: Date: 27-03-2023							
Data Checked By:	Mr. M Fiaz	Designation: Team Lead	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		
				Water Supply		Network (ft)	02	02-09-01-02-XX
				System	01	OHR	03	02-09-01-03-XX
				3,300111		Filtration Plants	04	02-09-01-04-XX
						Vehicles	05	02-09-01-05-XX
						GST	06	02-09-01-06-XX
						Sewerage Network	•	
				Sewerage System	02	(ft)	01	02-09-02-01-XX
				go a go o youa	02	Disposal Stations	02	02-09-02-02-XX
						Vehicles	03	02-09-02-03-XX
Control				Solid Waste		Dumping site	01	02-09-03-01-XX
Central Punjab	02	Jhang	09	Management	03	Vehicles	02	02-09-03-02-XX
Fullyab				System Roads and		Parking Shed	03	02-09-03-03-XX
						Roads	01	02-09-04-01-XX
				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
				Public Places	05	Bus Stand	04	02-09-05-04-XX
				Fublic Flaces	US	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

Region Name	Region Code	МС	MC Code	Property Types	Property Type Code	Sub Property Types	Sub Property Type Code	Unique Codes
						Shops	09	02-09-05-09-XX
						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. Proje	ect Purpose & Service Delive	ry Improvem	ent							
	Does the project fill a gap			2.5	Minor contribution					
1.1	in a wider system of		10	7.5	Major contribution	Significant contribution	10			
	service delivery?			10	Significant contribution	Contribution				
				0	No contribution.					
	Whether the project will			2.5	Indirect contribution.	Major contribution				
1.2	contribute to Sectoral	30	10	7.5	Minor direct contribution	to key development	10			
	Plan / City Master Plan?			10	Major contribution to key development goal.	goal.				
	Whether the deference/						0	No consequences		
1.3	delay of the project is going to affect citizens'					10	2.5	Minor consequences	Major immediate	10
1.5	health, safety, property,		10	7.5	Major future consequences	consequences	10			
	prosperity etc.?			10	Major immediate consequences					
2. Publi	c Response									
	Description of the Heat			1	Less than 10%					
2.1	Population served by the project.	15	7.5	5	Between 10% to 20%	Greater than 20%	7.5			
		15		7.5	Greater than 20%					
2.2			5	0	Majority opposition	Majority support	5			

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score		
	Is there support or			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	Maiawitaaaaa	2.5		
2.3	residents in the immediate vicinity of the		2.5	2.5	Majority support	Majority support	2.5		
I	new facility?			1.5	Minority support				
3. Envi	onmental Impact								
	The impact of the proposed project on the	10	10	10		0	Negative effects on quality of the lo cal environment	Positive effects on t	
3.1	quality of local				10	5	Neutral	he quality of the loc	10
	environment (e.g., Air quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the e local environment	al environment			
4. Soci	p-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		-		
		45		7.5	Revenue exceeds O&M costs				
	Are there indirect economic benefits from	15 —		0	Negative impact on the local economy	Little or no long-			
4.2	this project in the long term, e.g., employment		7.5	2.5	Little or no long-term economic development benefits	term economic development	2.5		
	creation, investment generation, increase in			5	Additional investment in the area and increased wealth for citizens	benefits			

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	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 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			1	Difficult		
5.3	approval from higher		5	2.5	Standard	Easy	5
	levels of Government?	30		5	Easy		
	Ease of implementation of			1	Difficult		
5.4	project in respect of		5	3	Standard	Easy	5
	technical design?			5	Easy		
				0	Outside expertise needed for construction, O&M		
5.5	Is there a capable system in place to implement and		5	1	Outside expertise needed for construction phase only	Outside expertise n eeded for constructi	1
	operate this project or is external support needed?			3	Outside expertise needed for prepa ration phase i.e., feasibility studies	on phase only	
				5	No outside expertise needed		
Total A	chieved Score						83.5

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

Rehabilitation and Improvement of water supply Project Description:

system

Index	Question	Index Weigh t	Questio n Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
1. Pro	ect Purpose & Service Delivery Im	provemer	nt		,			
	December musical fill a new in a			2.5	Minor contribution	Cinnificant		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Significant contribution	10	
	maer system or service delivery.			10	Significant contribution			
				0	No contribution.			
	Whether the project will			2.5	Indirect contribution.	Major contribution to		
1.2	contribute to Sectoral Plan / City	30	10	7.5	Minor direct contribution	key development goal.	10	
	Master Plan?			10	Major contribution to key development goal.			
	Whether the deference/ delay of			0	No consequences			
1.3	the project is going to affect		10	2.5	Minor consequences	Major immediate	10	
1.3	citizens' health, safety, property,		10	7.5	Major future consequences	consequences	10	
	prosperity etc.?			10	Major immediate consequences			
2. Pub	lic Response							
				1	Less than 10%			
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5	
		15		7.5	Greater than 20%			
2.2	s there support or opposition for	there support or opposition for		_	0	Majority opposition	Majariku ayan ark	F
2.2	the		5	1	Minority opposition	Majority support	5	

Index	Question	Index Weigh t	Questio n Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	project from NGO's, community			5	Majority support		
	groups, network, media or business organizations?			2.5	Minority support		
	Is there support or opposition			0	Majority opposition		
2.3	from residents in the immediate		2.5	0.5	Minority opposition	Majority support	2.5
2.3	vicinity of the		2.5	2.5	Majority support	Majority support	2.5
	new facility?			1.5	Minority support		
3. Env	ironmental Impact						
	The impact of the proposed project on the quality of local			0	Negative effects on quality of the local e nvironment	Positive effects on the	
3.1	environment (e.g. Air quality,	10	10	5	Neutral	quality of the local env	10
	Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the loc al environment	ironment	
4. Soc	io-Economic Impact			T	,		1
				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		
	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 land/property prices,	eneration,	7.5	5	Additional investment in the area and increased wealth for citizens	economic development benefits	2.5
	reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		

Index	Question	Index Weigh t	Questio n Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
5. Eas	e of Implementation						
5.1	Has land been acquired for the project (If required)?		10	10	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			1	Difficult		
5.3	from higher levels of		5	2.5	Standard	Easy	5
	Government?			5	Easy		
	Ease of implementation of	30		1	Difficult		
5.4	project in respect of technical		5	3	Standard	Easy	5
	design?			5	Easy		
				0	Outside expertise needed for constructi on, O&M		
5.5	Is there a capable system in place to implement and operate		5	1	Outside expertise needed for constructi on phase only	Outside expertise need ed for construction ph	1
	this project or is external support needed?			3	Outside expertise needed for preparatio n phase i.e. feasibility studies		
				5	No outside expertise needed		
Total A	Achieved Score			•		•	83.5

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

Project Description: Construction of Underground Water Storage

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Proj	ect Purpose & Service Deliver	y Improvem	ent				
	Does the project fill a gap in			2.5	Minor contribution		
1.1	a 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	
1.2	contribute to Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	key development goal.	10
	City Master Plans			10	Major contribution to key development goal.		
	Whether the deference/		10	0	No consequences	Major immediate consequences	
1.3	delay of the project is going to affect citizens' health,			2.5	Minor consequences		10
1.3	safety, property, prosperity			7.5	Major future consequences		10
	etc.?			10	Major immediate consequences		
2. Pub	lic Response						
	Book to the control of the control o			1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
	pi ojecti			7.5	Greater than 20%		
	project from NGO's,	15		0	Majority opposition		
2.2			5 -	1	Minority opposition	Majority support	_
۷.۷				5	Majority support		5
	community 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			0	Majority opposition		
2.3	opposition from residents in the immediate		2.5	0.5	Minority opposition	Majority support	2.5
2.3	vicinity of the		2.5	2.5	Majority support	- Majority support	2.5
	new facility?			1.5	Minority support		
3. Envi	ironmental Impact						
	The impact of the proposed project on the quality of			0	Negative effects on quality of the local e nvironment	Positive effects on the	
3.1	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 loca I environment	ronment	
4. Soci	io-Economic Impact						T
				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		
				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.			2.5	Little or no long term economic development benefits	Little or no long term	
4.2	employment creation, investment generation, increase in land/property		7.5	5	Additional investment in the area and increased wealth for citizens	economic development benefits	2.5
	prices, reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease	e of Implementation						<u> </u>
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	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				
	Ease of implementation of							1	Difficult	_	
5.4	project in respect of technical design?		5	3 5	Standard Easy	Easy	5				
5.5	Is there a capable system in place to implement and		5	0	Outside expertise needed for constructio n, O&M Outside expertise needed for constructio n phase only	Outside expertise need ed for construction pha	1				
	operate this project or is external support needed?			3	Outside expertise needed for preparation phase i.e. feasibility studies No outside expertise needed	se only	_				
Total A	L						83.5				

Project Screening and Phasing:

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. Proje	ect Purpose & Servi	ce Delivery I	mprovement			•	
	Does the project			2.5	Minor contribution		
1.1	fill a gap in a		10	7.5	Major contribution	Significant contribution	10
1.1	wider system of service delivery?		10	10	Significant contribution	3ignificant contribution	
	Whether the			0	No contribution.		
	project will			2.5	Indirect contribution.		
1.2	contribute to		10	7.5	Minor direct contribution	Major contribution to key	10
	Sectoral Plan / City Master Plan?	30		10	Major contribution to key development goal.	development goal.	10
	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. Publi	ic Response						
	Population			1	Less than 10%		
2.1	served by the		7.5	5	Between 10% to 20%	Greater than 20%	7.5
	project.	15		7.5	Greater than 20%		
2.2	Is there support		5	0	Majority opposition	— Majority support	5
۷،۲	or opposition for		7	1	Minority opposition	Majority Support	5

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Are there indirect			0	Negative impact on the local economy		
	economic benefits from			2.5	Little or no long-term economic development benefits		
	this project in the long term,			5	Additional investment in the area and increased wealth for citizens	Additional investment in the area and increased wealth for citizens	
4.2	e.g., employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?		7.5	7.5	Significant competitive advantage to industry and boost to the local economy		5
5. Ease	of Implementation						
	Has land been			10	Yes		
5.1	acquired for the project (If required)?		10	0	No	Yes	10
	Has funding			5	Yes		
5.2	been secured/allocate d within the Local Government budget or whether the external sources	30	5	0	No	Yes	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	of funding have been secured?						
	Will the project			1	Difficult		
	get approval			2.5	Standard		
5.3	from higher levels of Government?		5	5	Easy	Easy	5
	Ease of			1	Difficult		
	implementation			3	Standard		1
5.4	of project in respect of technical design?		5	5	Easy	standard	3
	Is there a capable system			0	Outside expertise needed for construction, O&M		
5.5	in place to implement and		5	1	Outside expertise needed for construction phase only	for construction phase o	1
J.J	operate this project or is		5	3	Outside expertise needed for prepara tion phase i.e., feasibility studies		1
	external support needed?			5	No outside expertise needed		
Total A	chieved Score						84

Project Screening and Phasing:

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. Proje	ect Purpose & Servi	ce Delivery I	mprovement				
	Does the project			2.5	Minor contribution		
1.1	fill a gap in a		10	7.5	Major contribution	Significant contribution	10
1.1	wider system of service delivery?			10	Significant contribution		10
	Whether the			0	No contribution.		
	project will			2.5	Indirect contribution.		
1.2	contribute to		10	7.5	Minor direct contribution	Major contribution to key	10
1.2	Sectoral Plan / City Master Plan?	30	10	10	Major contribution to key development goal.	development goal.	10
	Whether the			0	No consequences	Major immediate	
	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	10	Major immediate consequences	consequences	10
2. Publi	c Response						
	Population			1	Less than 10%		
2.1	served by the	15	7.5	5	Between 10% to 20%	Greater than 20%	7.5
	project.			7.5	Greater than 20%		
2.2	Is there support		5	0	Majority opposition	— Majority support	5
۷.۷	or opposition for		7	1	Minority opposition	Μαζοιτιγ σαρροιτ	3

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Are there indirect			0	Negative impact on the local economy		
	economic benefits from			2.5	Little or no long-term economic development benefits		
	this project in the long term,			5	Additional investment in the area and increased wealth for citizens		
4.2	e.g., employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?		7.5	7.5	Significant competitive advantage to industry and boost to the local economy	Little or no long-term economic development benefits	2.5
5. Ease	of Implementation					_	
	Has land been			10	Yes		
5.1	acquired for the project (If required)?		10	0	No	Yes	10
	Has funding			5	Yes		
5.2	been secured/allocate d within the Local Government budget or whether the external sources	30	5	0	No	Yes	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	of funding have been secured?						
5.3	Will the project			1	Difficult	Easy	5
	get approval			2.5	Standard		
	from higher levels of Government?		5	5	Easy		
	Ease of			1	Difficult	Easy	5
	implementation		5	3	Standard		
5.4	of project in respect of technical design?			5	Easy		
5.5	Is there a capable system		5	0	Outside expertise needed for const ruction, O&M	No outside expertise nee ded	5
	in place to implement and			1	Outside expertise needed for const ruction phase only		
	operate this project or is			3	Outside expertise needed for preparation phase i.e., feasibility studies		
	external support needed?			5	No outside expertise needed		
Total Achieved Score							87.5

Project Screening and Phasing:

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. Project Purpose & Service Delivery Improvement										
1.1	Does the project	30	10	2.5	Minor contribution	Significant contribution	10			
	fill a gap in a			7.5	Major contribution					
	wider system of service delivery?			10	Significant contribution					
1.2	Whether the		10	0	No contribution.	Major contribution to key development goal.	10			
	project will			2.5	Indirect contribution.					
	contribute to			7.5	Minor direct contribution					
	Sectoral Plan / City Master Plan?			10	Major contribution to key development goal.					
1.3	Whether the		10	0	No consequences	Major immediate consequences	10			
	deference/ delay			2.5	Minor consequences					
	of the project is			7.5	Major future consequences					
	going to affect citizens' health, safety, property, prosperity etc.?			10	Major immediate consequences					
2. Publi	c Response									
2.1	Population	15	7.5	1	Less than 10%	Greater than 20%	7.5			
	served by the			5	Between 10% to 20%					
	project.			7.5	Greater than 20%					
2.2	Is there support		5	0	Majority opposition	Majority support	5			
	or opposition for			1	Minority opposition					

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Are there indirect			0	Negative impact on the local economy		
	economic benefits from			2.5	Little or no long-term economic development benefits		
	this project in the long term,			5	Additional investment in the area and increased wealth for citizens		
4.2	e.g., employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?		7.5	7.5	Significant competitive advantage to industry and boost to the local economy	Significant competitive advantage to industry and boost to the local economy	7.5
5. Ease	of Implementation					,	
	Has land been			10	Yes		
5.1	acquired for the project (If required)?		10	0	No	Yes	10
	Has funding			5	Yes		
5.2	been secured/allocate d within the Local Government budget or whether the external sources	30	5	0	No	Yes	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	of funding have been secured?						
	Will the project			1	Difficult		
	get approval			2.5	Standard		
5.3	from higher levels of Government?		5	5	Easy	Easy	5
	Ease of			1	Difficult		
	implementation			3	Standard		
5.4	of project in respect of technical design?		5	5	Easy	standard	3
	Is there a capable system			0	Outside expertise needed for construction, O&M		
5.5	in place to implement and		5	1	Outside expertise needed for construction phase only	Outside expertise needed f	0
٠.5	operate this project or is		5	3	Outside expertise needed for prepara tion phase i.e., feasibility studies	or construction, O&M	0
	external support needed?			5	No outside expertise needed		
Total A	chieved Score						85.5

Project Screening and Phasing:

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. Proje	ect Purpose & Servi	ce Delivery I	mprovement			•	
	Does the project			2.5	Minor contribution		
1.1	fill a gap in a		10	7.5	Major contribution	Significant contribution	10
1.1	wider system of service delivery?		10	10	Significant contribution	Significant contribution	10
	Whether the			0	No contribution.		
	project will			2.5	Indirect contribution.		
1.2	contribute to		10	7.5	Minor direct contribution	Major contribution to key	10
1.2	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		10	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. Publi	c Response						
	Population			1	Less than 10%		
2.1	served by the		7.5	5	Between 10% to 20%	Greater than 20%	7.5
	project.	15		7.5	Greater than 20%		
2.2	Is there support		5 -	0	Majority opposition	— Majority support	5
۷،۲	or opposition for			1	Minority opposition	Majority Support	

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Are there indirect			0	Negative impact on the local economy		
	economic benefits from			2.5	Little or no long-term economic development benefits		
	this project in the long term,			5	Additional investment in the area and increased wealth for citizens		
4.2	e.g., employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?		7.5	7.5	Significant competitive advantage to industry and boost to the local economy	Significant competitive advantage to industry and boost to the local economy	7.5
5. Ease	of Implementation						
	Has land been			10	Yes		
5.1	acquired for the project (If required)?		10	0	No	Yes	10
	Has funding			5	Yes		
5.2	been secured/allocate d within the Local Government budget or whether the external sources	30	5	0	No	Yes	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	of funding have been secured?						
	Will the project			1	Difficult		
	get approval			2.5	Standard		
5.3	from higher levels of Government?		5	5	Easy	Easy	5
	Ease of			1	Difficult		
	implementation			3	Standard		
5.4	of project in respect of technical design?		5	5	Easy	standard	3
	Is there a capable system			0	Outside expertise needed for const ruction, O&M		
5.5	in place to implement and		5	1	Outside expertise needed for const ruction phase only	Outside expertise needed f	0
ر. ی	operate this project or is			3	Outside expertise needed for preparation phase i.e., feasibility studies	or construction, O&M	0
	external support needed?			5	No outside expertise needed		
Total A	chieved Score						85.5

Project Screening and Phasing:

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. Proje	ect Purpose & Servi	ce Delivery I	mprovement				
	Does the project			2.5	Minor contribution		
1.1	fill a gap in a		10	7.5	Major contribution	Significant contribution	10
1.1	wider system of service delivery?		10	10	Significant contribution	Significant contribution	10
	Whether the			0	No contribution.		
	project will			2.5	Indirect contribution.		
1.2	contribute to		10	7.5	Minor direct contribution	Major contribution to key	10
1.2	Sectoral Plan / City Master Plan?	30	10	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		
1.3	going to affect citizens' health, safety, property, prosperity etc.?		10	10	Major immediate consequences	Major future consequences	7.5
2. Publi	c Response						
	Population			1	Less than 10%		
2.1	served by the		7.5	5	Between 10% to 20%	Greater than 20%	7.5
	project.	15		7.5	Greater than 20%		
2.2	Is there support		5	0	Majority opposition	Majority support	5
۷،۲	or opposition for			1	Minority opposition	majority support	ິວ

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	the			5	Majority support		
	project from NGO's, community groups, network, media, or business organizations?			2.5	Minority support		
	Is there support			0	Majority opposition		
	or opposition			0.5	Minority opposition		
	from		0.5	2.5	Majority support	<u> </u>	2.5
2.3	residents in the immediate vicinity of the new facility?		2.5 Majority support	2.5			
3. Envir	ronmental Impact						
	The impact of the proposed			0	Negative effects on quality of th e local environment		
I	project on the			5	Neutral		
3.1	quality of 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	o-Economic Impact						
				0	No direct revenue		
4.1	Will the project bring in direct revenue?	15	7.5	2.5	Direct revenue is not sufficient to meet O&M costs	No direct revenue	0
				5	Revenue meets O&M costs		
Ì				7.5	Revenue exceeds O&M costs		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Are there indirect			0	Negative impact on the local economy		
	economic benefits from			2.5	Little or no long-term economic development benefits		
	this project in the long term, e.g.,			5	Additional investment in the area and increased wealth for citizens		
4.2	employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?		7.5	7.5	Significant competitive advantage to industry and boost to the local economy	Additional investment in the area and increased wealth for citizens	5
5. Ease	of Implementation						
	Has land been			10	Yes		
5.1	acquired for the project (If required)?		10	0	No	Yes	10
	Has funding			5	Yes		
5.2	been secured/allocate d within the Local Government budget or whether the	30	5	0		Yes	5
	external sources				No		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	of funding have been secured?						
	Will the project			1	Difficult		
	get approval			2.5	Standard		
5.3	from higher levels of Government?		5	5 Easy	2.5		
	Ease of			1	Difficult		
	implementation		5	3	Standard		I
5.4	of project in respect of technical design?			5	Easy	Easy	5
	Is there a capable system			0	Outside expertise needed for construction, O&M		
	in place to implement and		5	1	Outside expertise needed for construction phase only	Outside expertise needed fo	4
5.5	operate this project or is external support		5	3	Outside expertise needed for pre paration phase i.e., feasibility st udies	r construction phase only	1
	needed?			5	No outside expertise needed		
Total A	chieved 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. Proje	ect Purpose & Service Delivery Impr	ovement					
				2.5	Minor contribution		
1.1	Does the project fill a gap in a		10	7.5	Major contribution	Significant contribution	10
1.1	wider system of service delivery?		10	10	Significant contribution	Significant contribution	10
				0	No contribution.		
	Whether the project will			2.5	Indirect contribution.		
1.2	contribute to Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	Major contribution to key development goal.	10
	Master Plan!	30		10	Major contribution to key development goal.		
				0	No consequences		
	Whether the deference/ delay of		10	2.5	Minor consequences	Major future consequences	
1.3	the project is going to affect			7.5	Major future		7.5
1.5	citizens' health, safety, property,			1.5	consequences		7.5
	prosperity etc.?			10	Major immediate consequences		
2. Publi	c Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
		15		7.5	Greater than 20%		
	Is there support or opposition for	13		0	Majority opposition]	
2.2	the		5	1	Minority opposition	Majority support	5
	project from NGO's, community			5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	groups, network, media, or business organizations?			2.5	Minority support		
	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 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 qu ality of the local enviro nment	Positive effects on the	
3.1	environment (e.g., Air quality,	10	10	5	Neutral	quality of the local envi	10
	Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local envi	ronment	
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	No direct revenue	0
4.1	revenue?		7.5	5	Revenue meets O&M costs	No direct revenue	0
		15		7.5	Revenue exceeds O&M costs		
	Are there indirect economic benefits from this project in the			0	Negative impact on the local economy	Little or no long-term	
4.2	long term, e.g., employment creation, investment generation, increase in land/property prices,		7.5	2.5	Little or no long-term economic development benefits	economic development benefits	2.5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	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		10	10	Yes	Yes	10
5.1	project (If required)?		10	0	No	163	10
	Has funding been			5	Yes		
5.2	secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	0	No	No	0
				1	Difficult		
5.3	Will the project get approval from		5	2.5	Standard	Difficult	1
	higher levels of Government?			5	Easy		
		30		1	Difficult		
5.4	Ease of implementation of project		5	3	Standard	Difficult	1
	in respect of technical design?			5	Easy		
	Is there a capable system in place			0	Outside expertise need ed for construction, O& M		
5.5	to implement and operate this project or is external support needed?		5	1	Outside expertise need ed for construction pha se only	a se only	1
				3	Outside expertise need ed for preparation pha		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score		
					se i.e., feasibility studi				
					es				
				_	No outside expertise n				
				5	eeded				
Total Ac	Total Achieved Score								

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. Proje	ect Purpose & Service Delivery Impr	ovement					
	Does the project fill a gap in a			2.5	Minor contribution	Significant	
1.1	wider system of service delivery?		10	7.5	Major contribution	- contribution	10
	wider system of service derivery:			10	Significant contribution	Continuation	
				0	No contribution.		
	Whether the project will			2.5	Indirect contribution.	Major contribution	
1.2	contribute to Sectoral Plan / City		10	7.5	Minor direct contribution	to key development	10
	Master Plan?	30		10	Major contribution to key development goal.	goal.	
	Will all and the state of the s			0	No consequences	- Major future - consequences	
	Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.?		10	2.5	Minor consequences		
1.3				7.5	Major future consequences		7.5
				10	Major immediate consequences	consequences	
2 Publi	c Response				consequences		
2.1 0011	c 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 project from NGO's, community	15		1	Minority opposition	1	
22			5	5	Majority support	Majority support	5
2.2	groups, network, media, or business organizations?		3	2.5	Minority support	- majority support	5

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 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 t	
3.1	environment (e.g., Air quality,	10	10	5	Neutral	he quality of the loc	10
	Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local environment	al environment	
4. Socio	o-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
4.1	revenue?			5	Revenue meets O&M costs		U
				7.5	Revenue exceeds O&M costs		
		15		0	Negative impact on the local economy		
	Are there indirect economic benefits from this project in the long term, e.g., employment	13		2.5	Little or no long-term economic development benefits	Little or no long- term economic	
4.2	creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?		7.5	5	Additional investment in the area and increased wealth for citizens	development benefits	2.5
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease	of Implementation						

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
5.1	Has land been acquired for the		10	10	Yes	Yes	10
5.1	project (If required)?		10	0	No	163	10
	Has funding been			5	Yes		
5.2	secured/allocated within the Local Government budget or whether the external sources of		5	0		No	0
	funding have been secured?				No		
	 Will the project get approval from			1	Difficult		
5.3	higher levels of Government?		5	2.5	Standard	Difficult	1
	riigher levels of Government:			5	Easy		
	Ease of implementation of project	30		1	Difficult		
5.4	in respect of technical design?	30	5	3	Standard	Difficult	1
	in respect of technical design:			5	Easy		
				0	Outside expertise needed f or construction, O&M		
	Is there a capable system in place to implement and operate this			1	Outside expertise needed f or construction phase only	Outside expertise n	
5.5	project or is external support		5	3	Outside expertise needed f or preparation phase i.e., fe	eeded for constructi on phase only	1
	needed?				asibility studies	,	
				5	No outside expertise neede d		
Total A	chieved 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. Proje	ect Purpose & Service Delivery	Improvemen	t				
	Does the project fill a gap in			2.5	Minor contribution		
1.1	a 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	
1.2	contribute to Sectoral Plan /		10	7.5	Minor direct contribution	key development goal.	10
	City Master Plan?	30		10	Major contribution to key development goal.	key development godi.	
	Whether the deference/			0	No consequences		
	delay of the project is going		10	2.5	Minor consequences	- Major immediate - consequences	
1.3				7.5	Major future consequences		10
	safety, property, prosperity			10	Major immediate		
	etc.?			10	consequences		
2. Publi	c 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			0	Majority opposition		
	opposition for the	15		1	Minority opposition		
2.2	project from NGO's,		5	5	Majority support	Majority support	5
	community groups, network, media, or business organizations?		5	2.5	Minority support	– majority support	

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there support or			0	Majority opposition		
	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 new facility?			1.5	Minority support		
3. Envir	onmental Impact						
	The impact of the proposed			0	Negative effects on quality of the local environment	Positive effects on the	
3.1	project on the quality of local environment (e.g., Air	10	10	5	Neutral	quality of the local envi	10
3.1	quality, Water pollution, Waste reduction, etc.	10	10	10	Positive effects on the qual ity of the local environmen t	ronment	10
4. Socio	o-Economic Impact						
				0	No direct revenue		
	Will the project bring in			2.5	Direct revenue is not sufficient to meet O&M		
4.1	Will the project bring in direct revenue?		7.5		costs	No direct revenue	0
	direct revenue:			5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
	And the are indirect according	15		0	Negative impact on the local economy		
	Are there indirect economic benefits from this project in the long term, e.g.,	15		2.5	Little or no long-term economic development benefits	Additional investment	
4.2	employment creation, investment generation, increase in land/property		7.5	5	Additional investment in the area and increased wealth for citizens	in the area and increased wealth for citizens	5
	prices, reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
5. Ease	of Implementation						
5.1	Has land been acquired for the project (If required)?		10	10 0	Yes No	Yes	10
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	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?	30	5	1 3 5	Difficult Standard Easy	Standard	3
				0	Outside expertise needed f or construction, O&M		
	Is there a capable system in			1	Outside expertise needed f or construction phase only	Outside expertise need	
5.5	place to implement and operate this project or is external support needed?		5	3	Outside expertise needed f or preparation phase i.e., f easibility studies	ed for construction pha se only	1
				5	No outside expertise neede d		_
Total A	chieved Score						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. Proje	ect Purpose & Service Delivery Impro	vement					
				2.5	Minor contribution		
1.1	Does the project fill a gap in a		10	7.5	Major contribution	Significant contribution	10
1.1	wider system of service delivery?		10	10	Significant contribution	3igililicant contribution	10
				0	No contribution.		
	Whether the project will contribute			2.5	Indirect contribution.		
1.2	to Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	Major contribution to key development goal.	10
	Pidii!	30		10	Major contribution to key development goal.		
				0	No consequences		
	Whether the deference/ delay of			2.5	Minor consequences		
1.3	the project is going to affect		10	7.5	Major future	Major immediate	10
1.5	citizens' health, safety, property,		10	1.5	consequences	consequences	
	prosperity etc.?			10	Major immediate consequences		
2. Publi	c Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Greater than 20%	7.5
		15		7.5	Greater than 20%		
	Is there support or opposition for	13		0	Majority opposition		
2.2			5	1	Minority opposition	Majority support	5
	project from NGO's, community			5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	groups, network, media, or business organizations?			2.5	Minority support		
	Is there support or opposition			0	Majority opposition		
	from			0.5	Minority opposition		_
2.3	residents in the immediate vicinity		2.5	2.5	Majority support	Majority support	2.5
	of the new facility?			1.5	Minority support		
3. Envi	conmental 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 qu	
3.1	environment (e.g., Air quality,	10	10	5	Neutral	ality of the local environ ment	10
	Water pollution, Waste reduction,				Positive effects on the		
	etc.			10	quality of the local env		
					ironment		
4. Socio	p-Economic Impact				1		
				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
4.1	revenue?		7.5	5	Revenue meets 0&M costs	No direct revenue	U
		15		7.5	Revenue exceeds O&M costs		
	Are there indirect economic benefits from this project in the			0	Negative impact on the local economy	Additional investment in	
4.2	long term, e.g., employment creation, investment generation, increase in land/property prices,		7.5	2.5	Little or no long-term economic development benefits	the area and increased wealth for citizens	5

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	reduction in citizens' expenditures, etc.?			5	Additional investment in the area and increased wealth for		
				7.5	citizens 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)?	_		0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether		5	5 0	Yes	Yes	5
	the external sources of funding have been secured?			Ü	No		
	Will be a going to the control for an			1	Difficult		
5.3	Will the project get approval from higher levels of Government?		5	2.5	Standard	Standard	2.5
	ingrier levels of Government?			5	Easy		
	Ease of implementation of project	30		1	Difficult		
5.4	Ease of implementation of project in respect of technical design?		5	3	Standard	Standard	3
	in respect of technical design:			5	Easy		
	Is there a capable system in place			0	Outside expertise need ed for construction, O &M	Outside expertise needed	
5.5	to implement and operate this project or is external support needed?		5	1	Outside expertise need ed for construction ph ase only		1
				3	Outside expertise need ed for preparation pha		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score		
					se i.e., feasibility studi				
					es				
				E	No outside expertise n				
				5	eeded				
Total Achie	Total Achieved Score								

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. Proje	ect Purpose & Service Delivery Imp	provement					
	Does the project fill a gap in a			2.5	Minor contribution		
1.1	wider system of service		10	7.5	Major contribution	Minor contribution	2.5
	delivery?			10	Significant contribution		
				0	No contribution.		
	Whether the project will			2.5	Indirect contribution.		
1.2	contribute to Sectoral Plan /		10	7.5	Minor direct contribution	Indirect contribution.	2.5
	City Master Plan?	30		10	Major contribution to key development goal.		
	Miles II as II as Is for a second to be		10	0	No consequences	Minor consequences	
	Whether the deference/ delay			2.5	Minor consequences		
1.3	of the project is going to affect citizens' health, safety, property, prosperity etc.?			7.5	Major future consequences		2.5
				10	Major immediate		
	property, prosperity etc.:			10	consequences		
2. Publi	c 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
	groups, network, media, or business organizations?		J	2.5	Minority support	e,ee, sapport	5

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 new facility?			1.5	Minority support			
3. Envir	ronmental Impact							
	The impact of the proposed			0	Negative effects on quality of the local environment	Docitive offeete on the		
3.1	project on the quality of local environment (e.g., Air quality,	10	10	5	Neutral	Positive effects on the	10	
3.1	Water pollution, Waste reduction, etc.	10	10	10	Positive effects on the qual ity of the local environmen t	quality of the local envi ronment	10	
4. Socio	o-Economic Impact							
				0	No direct revenue			
	Will the project bring in direct		7.5	2.5	Direct revenue is not sufficient to meet O&M			
4.1	Will the project bring in direct revenue?				costs	No direct revenue	0	
	revenue:			5	Revenue meets O&M costs			
				7.5	Revenue exceeds O&M costs			
		15		0	Negative impact on the local economy			
	Are there indirect economic benefits from this project in the long term, e.g., employment	15		2.5	Little or no long-term economic development benefits	Additional investment		
4.2	creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?		7.5	5	Additional investment in the area and increased wealth for citizens		5	
				7.5	Significant competitive advantage to industry and boost to the local economy			

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
5. Ease	of Implementation						
5.1	Has land been acquired for the		10	10	Yes	Yes	10
5.1	project (If required)?		10	0	No	Tes	10
	Has funding been			5	Yes		
5.2	secured/allocated within the Local Government budget or whether the external sources of		5	0	No	Yes	5
	funding have been secured?			1	Difficult		
5.3	Will the project get approval from higher levels of		5	2.5	Standard	Standard	2.5
٥.٥	Government?		J	5	Easy		
	Ease of implementation of	30		1	Difficult		
5.4	project in respect of technical	30	5	3	Standard	Standard	3
	design?			5	Easy		
				0	Outside expertise needed f or construction, O&M		
	Is there a capable system in			1	Outside expertise needed f or construction phase only	Outside expertise need	
5.5	place to implement and operate this project or is external support needed?		5	3	Outside expertise needed f or preparation phase i.e., f easibility studies	ed for construction pha se only	
				5	No outside expertise neede	eede	
Total A	chieved 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. Proje	ect Purpose & Service Delivery Improve	ement				•	
	Doos the project fill a gap in a wider			2.5	Minor contribution	Significant	
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	- contribution	10
	system of service delivery:			10	Significant contribution	Contribution	
				0	No contribution.		
	Whether the project will contribute			2.5	Indirect contribution.		
1.2	to Sectoral Plan / City Master Plan?		10	7.5	Minor direct contribution	No contribution.	0
	to Sectoral Flam, City Master Flam:	30		10	Major contribution to key		
		30		10	development goal.		
				0	No consequences		
	Whether the deference/ delay of the		10	2.5	Minor consequences		
1.3	project is going to affect citizens'			7.5	Major future	Minor consequences	2.5
1.0	health, safety, property, prosperity				consequences		
	etc.?			10	Major immediate		
					consequences		
2. Publi	c Response		ı		T	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	15		0	Majority opposition		
2.2	the		5	1	Minority opposition	Majority support	5
۷.۷	project from NGO's, community		5	5	Majority support		
	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		
2.3	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		2.5
	new facility?			1.5	Minority support		
3. Envir	onmental Impact						
				0	Negative effects on qualit		
	The impact of the proposed project				y of the local environment	Positive effects on the	
3.1	on the quality of local environment	10	10	5	Neutral	quality of the local env	10
0.1	(e.g., Air quality, Water pollution,				Positive effects on the qu	ironment	
	Waste reduction, etc.			10	ality of the local environm	m	
4 6 :					ent		
4. Soci	o-Economic Impact				I No. 19		I
				0	No direct revenue		
				2.5	Direct revenue is not sufficient to meet O&M		
	Will the project bring in direct			2.5	costs	Revenue meets O&M	
4.1	revenue?		7.5		Revenue meets O&M	costs	5
	Tevende.			5	costs	00313	
					Revenue exceeds O&M		
		45		7.5	costs		
		15		0	Negative impact on the		
	Are there indirect economic benefits			0	local economy		
	from this project in the long term,				Little or no long-term	Additional investment	
4.2	e.g., employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?		7.5	2.5	economic development	in the area and	5
7.2			1.5		benefits	increased wealth for	
				_	Additional investment in		
				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	of Implementation						
5.1	Has land been acquired for the project (If required)?		10	10 0	Yes No	Yes	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?		5	0	No	No	0
	Will the preject ask approval from			1	Difficult		1
5.3	Will the project get approval from higher levels of Government?		5	2.5	Standard	Difficult	
	riigher levels of Government:			5	Easy		
	Ease of implementation of project in			1	Difficult		
5.4	respect of technical design?	30	5	3	Standard	Standard	3
				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 on ly	Outside expertise need	0
5.5	implement and operate this project or is external support needed?		5	3	Outside expertise needed for preparation phase i.e., feasibility studies	ed for construction, O &M	0
				5	No outside expertise need ed		
Total A	chieved 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. Proje	ect Purpose & Service Delivery Improve	ement				•	
	Doos 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	Continuation	
				0	No contribution.		
	Whather the project will centribute			2.5	Indirect contribution.	Major contribution	10
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	7.5	Minor direct contribution	to key development	
	to Sectoral Flatt / City Master Flatt:	30		10	Major contribution to key	goal.	
		30		10	development goal.		
				0	No consequences		
	Whether the deference/ delay of the			2.5	Minor consequences		
1.3	project is going to affect citizens'		10	7.5	Major future	Major immediate consequences	10
1.5	health, safety, property, prosperity			1.5	consequences		
	etc.?			10	Major immediate		
				10	consequences		
2. Publi	c 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 project from NGO's, community		5	1	Minority opposition	Majority support	5
۷،۷			5	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		
2.3	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	2.3
	new facility?			1.5	Minority support		
3. Envir	onmental Impact	·					
	The impact of the proposed project			0	Negative effects on quality of the local environment	Dagiting officers and	
3.1	on the quality of local environment	10	10	5	Neutral	Positive effects on t	10
3.1	(e.g., Air quality, Water pollution, Waste reduction, etc.	10	10	10	Positive effects on the qua lity of the local environme nt	he quality of the loc al environment	10
4. Socio	o-Economic Impact						
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Revenue meets	5
	revenue?			5	Revenue meets O&M costs	O&M costs	
				7.5	Revenue exceeds O&M costs		
	Are there indirect economic benefits	15		0	Negative impact on the local economy		
4.2	investment generation, increase in		7.5	2.5	Little or no long-term economic development benefits	Additional investment in the area and increased	5
	land/property prices, reduction in citizens' expenditures, etc.?			5	Additional investment in the area and increased wealth for citizens	wealth for citizens	

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease	of Implementation						
5.1	Has land been acquired for the		10	10	Yes	Yes	10
5.1	project (If required)?		10	0	No	162	10
	Has funding been secured/allocated			5	Yes		
5.2	within the Local Government budget or whether the external sources of funding have been secured?		5	0	No	Yes	5
	randing have been secured:			1	Difficult		
5.3	Will the project get approval from		5	2.5	Standard	 Difficult	1
3.0	higher levels of Government?			5	Easy	- Difficult	_
				1	Difficult		
5.4	Ease of implementation of project in	30	5	3	Standard	Easy	5
	respect of technical design?			5	Easy		
				0	Outside expertise needed f or construction, O&M		
	Is there a capable system in place to			1	Outside expertise needed f or construction phase only	Outside expertise n	
5.5	implement and operate this project		5		Outside expertise needed f	eeded for constructi	1
	or is external support needed?			3	or preparation phase i.e., f easibility studies		
				5	No outside expertise need ed		
Total A	chieved 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. Proj	ect Purpose & Service Delivery Improve	ment					
	Doos the project fill a gap in a wider			2.5	Minor contribution		
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Major contribution	7.5
	system of service delivery:			10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute to			2.5	Indirect contribution.	Major contribution	
1.2	Sectoral Plan / City Master Plan?	30	10	7.5	Minor direct contribution	to key development	10
	Sectoral Flam, City Master Flam.	30		10	Major contribution to key	goal.	
				10	development goal.		
	Whether the deference/ delay of the			0	No consequences		
1.3	project is going to affect citizens'		10	2.5	Minor consequences	Minor consequences	2.5
1.5	health, safety, property, prosperity			7.5	Major future consequences	- Willion consequences	2.5
	etc.?			10	Major immediate consequences		
2. Pub	lic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				7.5	Greater than 20%		
	Is there support or opposition for the			0	Majority opposition		
	project from NGO's, community			1	Minority opposition		
2.2	groups,	15	5	5	Majority support	Majority support	5
	network, media or business organizations?			2.5	Minority support		
	Is there support or apposition from			0	Majority opposition	Majority support	
2.3	2.3 Is there support or opposition from residents in the immediate vicinity of		2.5	0.5	Minority opposition		2.5
	residents in the ininediate vicinity of			2.5	Majority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	the new facility?			1.5	Minority support		
3. Envi	ronmental Impact						
	The impact of the proposed project on the quality of local environment (e.g.			0	Negative effects on quality of the local environment	Positive effects on t	
3.1	Air quality, Water pollution, Waste	10	10	5	Neutral	he quality of the loca	10
	reduction, etc.			10	Positive effects on the quality of the local environment	I environment	
4. Soci	o-Economic Impact						
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Revenue exceeds O&M costs	7.5
	revenue?			5	Revenue meets O&M costs	J OWIN COSTS	
				7.5	Revenue exceeds O&M costs		
	A th in direct a second in the	15		0	Negative impact on the local economy	Significant competitive	
	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		7.5	5	Additional investment in the area and increased wealth for citizens	advantage to industry and boost	7.5
	prices, reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy	to the local economy	
5 Fast	e of Implementation				Leconomy		
	Has land been acquired for the project			10	Yes		
5.1	(If required)?		10	0	No	Yes	10
	Has funding been secured/allocated			5	Yes		
5.2	within the Local Government budget	30	5			Vac	E
٥.٤	or whether the external sources of		J	0		Yes	5
	funding have been secured?				No	_	
5.3			5	1	Difficult	Easy	5

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

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. Projec	t Purpose & Service Delivery Improve	ment						
	Doos 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	10	
	to Sectoral Flam, City Master Flam:	30		10	Major contribution to key	goal.		
					development goal.			
				0	No consequences	_		
	Whether the deference/ delay of			2.5	Minor consequences			
1.3	the project is going to affect		10	7.5	Major future	Major future	7.5	
1.0	citizens' health, safety, property,					7.5	consequences	consequences
	prosperity etc.?			10	Major immediate			
					consequences			
2. Public	Response				T. 44 400	1	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	15		0	Majority opposition			
2.2	the		_	1	Minority opposition	Majawit.	_	
2.2	project from NGO's, community			5	5	Majority support	Majority support	5
	groups, 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		2.5	0.5	Minority opposition	Majority support	2.5
2.3	of the		2.5	2.5	Majority support	Μαίοι πλ. Σπάροι τ	2.5
	new facility?			1.5	Minority support		
3. Enviro	onmental Impact						
					Negative effects on qualit		
	The impact of the proposed project			0	y of the local environmen		
	on the quality of local environment				t	Positive effects on th	
3.1	(e.g. Air quality, Water pollution,	10	10	5	Neutral	e quality of the local e	10
	Waste reduction, etc.				Positive effects on the qu	nvironment	
	Tracte reduction, etc.			10	ality of the local environ		
					ment		
4. Socio-	Economic Impact		ı	_	1	T	
				0	No direct revenue		
					Direct revenue is not		
			7.5	2.5	sufficient to meet O&M		
4.1	Will the project bring in direct				costs	Revenue exceeds O&M costs	7.5
	revenue?			5	Revenue meets O&M		
					Costs		
				7.5	Revenue exceeds O&M costs		
		15			Negative impact on the		
	Are there indirect economic			0	local economy		
	benefits from this project in the				Little or no long term	Additional investment	
4.2	long term, e.g. employment			2.5	economic development	in the area and	
	creation, investment generation, increase in land/property prices, reduction in citizens' expenditures,		7.5	2.5	benefits	increased wealth for	5
				-		Additional investment in	citizens
				5	the area and increased	5.5.25110	
	etc.?				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						
5.1	Has land been acquired for the		10	10	Yes	Yes	10
5.1	project (If required)?		10	0	No	162	10
	Has funding been secured/allocated			5	Yes		
5.2	within the Local Government budget or whether the external sources of funding have been secured?		5	0	No	Yes	5
				1	Difficult		
5.3	Will the project get approval from		5	2.5	Standard	Standard	2.5
	higher levels of Government?		5	5	Easy	Standard	
	E			1	Difficult		
5.4	Ease of implementation of project in respect of technical design?	30		3	Standard		3
	respect of technical design?			5	Easy		
				0	Outside expertise needed for construction, O&M		
F F	Is there a capable system in place to		_	1	Outside expertise needed for construction phase o nly	Outside expertise nee	
5.5	implement and operate this project or is external support needed?		5	3	Outside expertise needed for preparation phase i.e . feasibility studies	ded for construction p hase only	
				5	No outside expertise nee ded		
Total Ac	hieved Score						86.5

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. Proj	ject Purpose & Service Delivery Impr	ovement				·	•
	Door the project fill a gap in 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	Major contribution	7.5
	wider system of service delivery:			10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute			2.5	Indirect contribution.	— Major contribution to key	
1.2	to Sectoral Plan / City Master	30	10	7.5	Minor direct contribution	development goal.	10
	Plan?	30		10	Major contribution to key	development godi.	
				10	development goal.		
	Whether the deference/ delay of		10	0	No consequences	Minor consequences	
1.3	the project is going to affect			2.5	Minor consequences		2.5
1.5	citizens' health, safety, property,			7.5	Major future consequences		2.5
	prosperity etc.?			10	Major immediate consequences		
2. Pub	lic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				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
_ 	groups, network, media or business organizations?			2.5	Minority support	majority dapport	
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			2.5	Majority support		
	of the new facility?			1.5	Minority support		
3. Env	ironmental Impact						
	The impact of the proposed project			0	Negative effects on quality of the loc al environment	Dacitive offerte on the good	
3.1	on the quality of local environment	10	10	5	Neutral	Positive effects on the quality of the local environment	10
	(e.g. Air quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local environment	ity of the local environment	
4. Soc	io-Economic Impact						
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Revenue exceeds O&M costs	7.5
				5	Revenue meets O&M costs	COSIS	
				7.5	Revenue exceeds O&M costs		
	Are there indirect economic	15		0	Negative impact on the local economy		
	benefits from this project in the long term, e.g. employment	15		2.5	Little or no long term economic development benefits	Significant competitive	
4.2	creation, investment generation, increase in land/property prices,		7.5	5	Additional investment in the area and increased wealth for citizens	advantage to industry and boost to the local economy	7.5
	reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Eas	e of Implementation						
5.1	Has land been acquired for the		10	10	Yes	Yes	10
J.1	project (If required)?	30	10	0	No	103	10
5.2	Has funding been	30	5	5	Yes	Yes	5
٥.٢	secured/allocated within the Local		3	0	No	103	້

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Government budget or whether the external sources of funding have been secured?						
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	Easy	5
5.5	Is there a capable system in place to implement and operate this project or is external support		5	0 1	Outside expertise needed for construction, O&M Outside expertise needed for construction phase only Outside expertise needed for prepar	Outside expertise needed f or construction phase only	1
	needed?			3 5	ation phase i.e. feasibility studies No outside expertise needed	- Construction phase only	
Total A	Achieved Score						79.5

Project ID: 02-09-02-03

Project Description: SCADA system for disposal stations

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Pro	ject Purpose & Service Delivery Impr	ovement				·	
	Door the president fill a man in 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	Major contribution	7.5
	wider system or service derivery:			10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute			2.5	Indirect contribution.	Major contribution to key	
1.2	to Sectoral Plan / City Master	30	10	7.5	Minor direct contribution	development goal.	10
	Plan?	30		10	Major contribution to key development goal.	— development godi.	
	Whether the deference/ delay of			0	No consequences		
1.3	the project is going to affect		10	2.5	Minor consequences	Minor consequences	2.5
1.3	citizens' health, safety, property,			7.5	Major future consequences		2.5
	prosperity etc.?			10	Major immediate consequences		
2. Pub	lic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				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
	groups, 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			2.5	Majority support		
	of the new facility?			1.5	Minority support		
3. Envi	ironmental Impact						
	The impact of the proposed project			0	Negative effects on quality of the loc al environment	Dacitive offerte on the gual	
3.1	on the quality of local environment (e.g. Air quality, Water pollution,	10	10	5	Neutral	Positive effects on the qual ity of the local environment	10
	Waste reduction, etc.			10	Positive effects on the quality of the local environment	ity of the local environment	
4. Soci	io-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	7.5
·	revenue?			5	Revenue meets O&M costs	costs	
				7.5	Revenue exceeds O&M costs		
	Are there indirect economic	15		0	Negative impact on the local economy		
	benefits from this project in the long term, e.g. employment	15		2.5	Little or no long term economic development benefits	Significant competitive	
4.2	creation, investment generation, increase in land/property prices,		7.5	5	Additional investment in the area and increased wealth for citizens	advantage to industry and boost to the local economy	7.5
	reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease	e of Implementation						
5.1	Has land been acquired for the		10	10	Yes	Yes	10
5.1	project (If required)?	30	10	0	No	163	10
5.2	Has funding been	30	5	5	Yes	Yes	5
٥.८	secured/allocated within the Local		5	0	No	163	,

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Government budget or whether the external sources of funding have been secured?						
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	Easy	5
5.5	Is there a capable system in place to implement and operate this project or is external support		5	0 1	Outside expertise needed for construction, O&M Outside expertise needed for construction phase only Outside expertise needed for prepar	Outside expertise needed f or construction phase only	1
	needed?			3 5	ation phase i.e. feasibility studies No outside expertise needed	- Construction phase only	
Total A	Achieved Score						79.5

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. Pro	ject Purpose & Service Delivery Impr	ovement				•	•
	Does the project fill a gap in 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	Major contribution	7.5
	wider system of service delivery:			10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute			2.5	Indirect contribution.	Major contribution to key	
1.2	to Sectoral Plan / City Master	30	10	7.5	Minor direct contribution	development goal.	10
	Plan?	30		10	Major contribution to key	development goal.	
				10	development goal.		
	Whether the deference/ delay of		10	0	No consequences		
1.3	the project is going to affect			2.5	Minor consequences	Minor consequences	2.5
1.5	citizens' health, safety, property,			7.5	Major future consequences		2.5
	prosperity etc.?			10	Major immediate consequences		
2. Pub	lic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				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
_•-	groups, network, media or business organizations?			2.5	Minority support	s,sr, sapport	
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			2.5	Majority support		
	of the new facility?			1.5	Minority support		
3. Envi	ironmental Impact						
	The impact of the proposed project			0	Negative effects on quality of the loc al environment	Dacitive offerte on the gual	
3.1	on the quality of local environment (e.g. Air quality, Water pollution,	10	10	5	Neutral	Positive effects on the qual ity of the local environment	10
	Waste reduction, etc.			10	Positive effects on the quality of the local environment	ity of the local environment	
4. Soci	io-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	7.5
·	revenue?			5	Revenue meets O&M costs	costs	
				7.5	Revenue exceeds O&M costs		
	Are there indirect economic	15		0	Negative impact on the local economy		
	benefits from this project in the long term, e.g. employment	15		2.5	Little or no long term economic development benefits	Significant competitive	
4.2	creation, investment generation, increase in land/property prices,		7.5	5	Additional investment in the area and increased wealth for citizens	advantage to industry and boost to the local economy	7.5
	reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease	e of Implementation						
5.1	Has land been acquired for the		10	10	Yes	Yes	10
5.1	project (If required)?	30	10	0	No	163	10
5.2	Has funding been	30	5	5	Yes	Yes	5
٥.८	secured/allocated within the Local		5	0	No	163	,

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Government budget or whether the external sources of funding have been secured?						
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	Easy	5
5.5	Is there a capable system in place to implement and operate this project or is external support		5	0 1	Outside expertise needed for construction, O&M Outside expertise needed for construction phase only Outside expertise needed for prepar	Outside expertise needed f or construction phase only	1
	needed?			3 5	ation phase i.e. feasibility studies No outside expertise needed	or construction phase only	
Total A	Achieved Score						79.5

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. Pro	ject Purpose & Service Delivery Impr	ovement		•		·	1
	Door the preject fill a gam in a			2.5	Minor contribution		7.5
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Major contribution	
	wider system or service derivery:			10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute			2.5	Indirect contribution.	Major contribution to key	
1.2	to Sectoral Plan / City Master	30	10	7.5	Minor direct contribution	development goal.	10
	Plan?	30		10	Major contribution to key	development godi.	
					development goal.		
	Whether the deference/ delay of			0	No consequences	Minor consequences	
1.3	the project is going to affect		10	2.5	Minor consequences		2.5
1.5	citizens' health, safety, property,			7.5	Major future consequences		2.5
	prosperity etc.?			10	Major immediate consequences		
2. Pub	lic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				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
	groups, network, media or business organizations?			2.5			
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			2.5	Majority support		
	of the new facility?			1.5	Minority support		
3. Env	ironmental Impact						
	The impact of the proposed project on the quality of local environment			0	Negative effects on quality of the loc al environment	Desitive effects on the gual	
3.1	(e.g. Air quality, Water pollution,	10	10	5	Neutral	Positive effects on the qual ity of the local environment	10
	Waste reduction, etc.			10	Positive effects on the quality of the local environment	ity of the local environment	
4. Soc	io-Economic Impact						
				0	No direct revenue	Revenue exceeds O&M	
4.1	.1 Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs		7.5
				5	Revenue meets O&M costs	COSIS	
				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	Significant competitive	
4.2	creation, investment generation, increase in land/property prices,		7.5	5	Additional investment in the area and increased wealth for citizens	advantage to industry and boost to the local economy	7.5
	reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Eas	e of Implementation						,
5.1	Has land been acquired for the		10	10	Yes	Yes	10
J.1	project (If required)?	30	10	0	No	163	10
5.2	Has funding been	30	5	5	Yes	Yes	5
٥.٢	secured/allocated within the Local		3	0	No	103	5

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

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. Pro	ject Purpose & Service Delivery Impr	ovement		•		·	•
	Door the preject fill a gam in 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	Major contribution	7.5
	wider system or service delivery:			10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute			2.5	Indirect contribution.	Major contribution to key	
1.2	to Sectoral Plan / City Master	30	10	7.5	Minor direct contribution	development goal.	10
	Plan?	30		10	Major contribution to key	development godi.	
					development goal.		
	Whether the deference/ delay of		10	0	No consequences	— Minor consequences	
1.3	the project is going to affect			2.5	Minor consequences		2.5
1.5	citizens' health, safety, property,			7.5	Major future consequences		2.3
	prosperity etc.?			10	Major immediate consequences		
2. Pub	lic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				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
	groups, network, media or business organizations?			2.5	Minority support	majority 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			2.5	Majority support		
	of the new facility?			1.5	Minority support		
3. Env	ironmental Impact						
	The impact of the proposed project on the quality of local environment			0	Negative effects on quality of the loc al environment	5	
3.1		10	10	5	Neutral	Positive effects on the quality of the local environment	10
	(e.g. Air quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local environment	ity of the local environment	
4. Soc	io-Economic Impact						
				0	No direct revenue		
4.1	Will the project bring in direct revenue?		7.5	2.5	Direct revenue is not sufficient to meet O&M costs	Revenue exceeds O&M	7.5
				5	Revenue meets O&M costs	costs	
				7.5	Revenue exceeds O&M costs	1	
	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	Significant competitive	
4.2	creation, investment generation, increase in land/property prices,		7.5	5	Additional investment in the area and increased wealth for citizens	advantage to industry and boost to the local economy	7.5
	reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Eas	e of Implementation						
5.1	Has land been acquired for the		10	10	Yes	Yes	10
J.1	project (If required)?	30	10	0	No	103	10
5.2	Has funding been	30	5	5	Yes	Yes	5
٥.٢	secured/allocated within the Local		3	0	No	103	ວ

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Government budget or whether the external sources of funding have been secured?						
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	Easy	5
5.5	Is there a capable system in place to implement and operate this project or is external support		5	0 1	Outside expertise needed for construction, O&M Outside expertise needed for construction phase only Outside expertise needed for prepar	Outside expertise needed f or construction phase only	1
	needed?			3 5	ation phase i.e. feasibility studies No outside expertise needed	or construction phase only	
Total A	Achieved 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. Proj	ject Purpose & Service Delivery Impr	ovement					
	Door the project fill a gan in a			2.5	Minor contribution		7.5
1.1	Does the project fill a gap in a wider system of service delivery?		10	7.5	Major contribution	Major contribution	
	wider system or service delivery:			10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute			2.5	Indirect contribution.	Major contribution to key	
1.2	to Sectoral Plan / City Master	30	10	7.5	Minor direct contribution	development goal.	10
	Plan?	30		10	Major contribution to key development goal.	development godi.	
	Whether the deference/ delay of		10	0	No consequences	Minor consequences	
1.7	the project is going to affect			2.5	Minor consequences		2.5
1.3	citizens' health, safety, property,			7.5	Major future consequences	Minor consequences	2.5
	prosperity etc.?			10	Major immediate consequences		
2. Pub	lic Response					·	•
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				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
	groups, network, media or business organizations?			2.5	Minority support	majority 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			2.5	Majority support		
	of the new facility?			1.5	Minority support		
3. Envi	ironmental Impact						
	The impact of the proposed project			0	Negative effects on quality of the loc al environment		
3.1	on the quality of local environment	10	10	5	Neutral	Positive effects on the qual ity of the local environment	10
	(e.g. Air quality, Water pollution, Waste reduction, etc.			10	Positive effects on the quality of the local environment	ity of the local environment	
4. Soci	io-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	7.5
·	revenue?			5	Revenue meets O&M costs	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	Significant competitive	
4.2	creation, investment generation, increase in land/property prices,		7.5	5	Additional investment in the area and increased wealth for citizens	advantage to industry and boost to the local economy	7.5
	reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease	e of Implementation						
5.1	Has land been acquired for the		10	10	Yes	Yes	10
5.1	project (If required)?	30	10	0	No	163	10
5.2	Has funding been	30	5	5	Yes	Yes	5
٥.८	secured/allocated within the Local		5	0	No	163	,

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Government budget or whether the external sources of funding have been secured?						
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	Easy	5
5.5	Is there a capable system in place to implement and operate this project or is external support		5	0 1	Outside expertise needed for construction, O&M Outside expertise needed for construction phase only Outside expertise needed for prepar	Outside expertise needed f or construction phase only	1
	needed?			3 5	ation phase i.e. feasibility studies No outside expertise needed	or construction phase only	
Total A	Achieved Score						79.5

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. Proj	ject Purpose & Service Delivery Impr	ovement					
	Door the project fill a gap in 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	Major contribution	7.5
	wider system of service delivery:			10	Significant contribution		
				0	No contribution.		
	Whether the project will contribute			2.5	Indirect contribution.	Major contribution to key	
1.2	to Sectoral Plan / City Master	30	10	7.5	Minor direct contribution	development goal.	10
	Plan?	30		10	Major contribution to key development goal.	development godi.	
	Whether the deference/ delay of the project is going to affect		10	0	No consequences		
1.3				2.5	Minor consequences	Minor consequences	2.5
1.3	citizens' health, safety, property,		10	7.5	Major future consequences	Minor consequences	2.5
	prosperity etc.?			10	Major immediate consequences		
2. Pub	lic Response						
				1	Less than 10%		
2.1	Population served by the project.		7.5	5	Between 10% to 20%	Less than 10%	1
				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
	groups, network, media or business organizations?		3	2.5	Minority support	—— Majority 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
2.3	of the		2.5	2.5	Majority support	Majority Support	2.5
	new facility?			1.5	Minority support		
3. Env	ironmental Impact						
	The impact of the proposed project			0	Negative effects on quality of the loc al environment	Dacitive offerte on the good	
3.1	on the quality of local environment (e.g. Air quality, Water pollution,	10	10	5	Neutral	Positive effects on the quality of the local environment	10
	Waste reduction, etc.			10	Positive effects on the quality of the local environment	ity of the local environment	
4. Soc	io-Economic Impact						
				0	No direct revenue	Revenue exceeds O&M	
4.1	Will the project bring in direct		7.5	2.5	Direct revenue is not sufficient to meet O&M costs		7.5
	revenue?			5	Revenue meets O&M costs	COSIS	
				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	Significant competitive	
4.2	creation, investment generation, increase in land/property prices,		7.5	5	Additional investment in the area and increased wealth for citizens	advantage to industry and boost to the local economy	7.5
	reduction in citizens' expenditures, etc.?			7.5	Significant competitive advantage to industry and boost to the local economy	, , , , , , , , , , , , , , , , , , ,	
5. Eas	e of Implementation						
5.1	Has land been acquired for the		10	10	Yes	Yes	10
٥.1	project (If required)?	30	10	0	No	163	10
5.2	Has funding been	30	5	5	Yes	Yes	5
٥.८	secured/allocated within the Local			0	No	103	

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Government budget or whether the external sources of funding have been secured?						
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	Easy	5
5.5	Is there a capable system in place to implement and operate this project or is external support		5	0 1	Outside expertise needed for construction, O&M Outside expertise needed for construction phase only Outside expertise needed for prepar	Outside expertise needed f or construction phase only	1
	needed?			3 5	ation phase i.e. feasibility studies No outside expertise needed		
Total A	Total Achieved Score						79.5

Annexure D. Environmental and Social Considerations in IDAMP³

Section 1: Policy, Legal and Administrative Framework

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

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

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

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

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

Regulatory Clearances, Punjab EPA

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

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

1.2. Guidelines for Environmental Assessment, Pakistan EPA

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

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

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

1.3. Punjab Environmental Quality Standards (PEQS)

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

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

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

1.4. Other Environment Related Legislations:

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

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

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

Sr. #	Act	Description	Applicability to sub-project
3.	Delegations of power for Environment Approvals Rule 2017	According to these rules the powers of environmental approval are delegated to commissioner for specific types of projects	 Under PCP the clause of h, n and o are applicable. clause h Construction of roads fallings within the jurisdiction of a district, expecting highways, expressways and motorways Clause o solid waste management excepting landfills Clause p water supply schemes /water purifications plants costing upto Rs. 20,000/-
4.	Notification No. SOG/ EPD/5-86/2019 delegation of powers to Deputy Commissioner	According to this notification the powers of environmental approval are delegated to deputy commissioner for specific types of projects	Under PCP clause g is applicable Bus and Wagon stands od category C with area upto 8 kanal.
3.	Pakistan Penal Code, 1860	The Code deals with the offences where public or private property or human lives are affected due to intentional or accidental misconduct of an individual or organization. The Code also addresses control of noise, noxious emissions and disposal of effluents.	The provisions of the Penal Code, 1860 are applicable to the project in terms of penalties for effecting human lives and public property. It also addresses the control of noise, air emissions and effluent disposal.
4.	Motor Vehicle Rules, 1969	It defines powers and responsibilities of Motor Vehicle Examiners (MVEs). The establishment of	This act is applicable to the gaseous emission that will be released from the vehicles in operation phase

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

Sr. #	Act	Description	Applicability to sub-project
		 All accidental discoveries of artifacts must be reported to the Federal Department of Archaeology; The Government is the owner of all buried antiquities discovered on any site, whether protected or otherwise; All new construction within a distance of 200 feet from protected antiquities is forbidden; No changes or repairs can be made to a protected monument, even if it is owned privately, without approval of the responsible authorities; and The cultural heritage laws of Pakistan are uniformly applicable to all categories of sites regardless of their state of preservation and classification as monuments of national or world heritage. 	
8.	Punjab Restriction of Employment of Children Act, 2016	According to the sub-section 11(a) of this Act, an occupier who employs or permits a child (person under the age of 15 years) to work in an establishment shall be liable to punishment with imprisonment for a term which may extend to six	The relevance of this act to the project will be to prohibit child employment for construction related activities of the proposed sub- project and it will be applicable throughout the construction activities related to subprojects.

Sr. #	Act	Description	Applicability to sub-project
9.	The Punjab Occupational Safety and Health Act, 2019	months, but which shall not be less than seven days, and a mandatory fine between 10,000 and 50,000 rupees. The Punjab Occupational Safety and Health Act, 2019 (IV of 2019) An Act to provide for occupational safety and health at workplace. It is necessary to make and consolidate the law for the occupational safety and health of the persons at workplace and to protect them against risks arising out of the occupational hazards; to promote safe and healthy working environment catering to the physiological and psychological needs of the employees at workplace and to provide for matters connected therewith or ancillary thereto.	The Punjab Occupational Safety and Health Act, 2019 relevant sections to the proposed projects are: 8. Safety and Health, 10. Consultation 13. Notification and investigation of accidents, dangerous occurrences and occupational illness. Adopting this Act, PMDFC has developed SOPs for health and safety of the labor (including women workers) and communities which will be applicable for all the infrastructure related activities of new or rehabilitation subprojects.
10	National Hazardous Waste Management Policy, 2022	A policy to facilitate the implementation of international treaties & Conventions on a national level to improve the definition & implementation of Hazardous Waste Management (HWM) for better environmental management, clarify institutional	Policy measures shall be applicable whereas there is any risk of usage or generation of hazardous waste.

Sr. #	Act	Description	Applicability to sub-project
		responsibilities related to HWM, and strengthen the	
		management of hazardous & other wastes.	
11	Protection Against Harassment of Women at the Workplace (Amended) Act, 2014	In this act major and minor penalties are mentioned.	This act is applicable for all the employees of MCs, LG&CDD and women labor (if involved for infrastructure development activities)
12	Punjab Labor Policy, 2018	Punjab Labor Policy, 2018 presents a policy document which directly addresses the child labor, bonded labor, gender discrimination, gender mainstreaming, labor protection, out of school children and lack of health facilities for the workers etc. Labor Policy of 2018 incorporates the key thematic areas regarding effective implementation of labor standards, social dialogue, improvements in workplace safety, living wages, awareness raising, excellence in labor inspections regime, imparting quality technical trainings through well-improved Training Centers, simplification of labor laws, medical facilities for secured workers even after retirement, establishment of labor colonies and schools for workers' children, improvement in	This act is applicable for all the employees of MCs, LG&CDD and women labor (if involved for infrastructure development activities)

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

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

Sr. #	Act	Description	Applicability to sub-project			
		(ii) Sign boards and street advertisements.				
		Guidelines for preparation and Review of				
		Environmental Reports were issued by Pak EPA in				
	Guidelines for	1997 under Pakistan Environment Protection Act,				
	Preparation and	1997 and are adopted by Punjab Environment	Those guidelines shall be applicable during			
14	Review of	protection Agency after 18 th Amendment. These	These guidelines shall be applicable during			
14	Environment Reports,	guidelines describe the steps in IEE Preparation,	preparation and review of IEEs/EIAs of new infrastructure development projects.			
	1997	format of IEE Reports, assessing impacts,				
		mitigation and impact management, reporting,				
		reviewing and decision making, monitoring and				
		auditing and project management.				
		These guidelines address possible approaches to				
		public consultation and techniques for designing an				
	Guidelines for Public	effective program of consultation that reaches all	Public consultation and citizens engagement is			
15	Consultation, 1997	major stakeholders and ensures the incorporation	mandatory at projects planning and design phase			
15	Consultation, 1991	of their concerns in any impact assessment study.	and these guidelines shall be applicable for public			
		The guidelines cover consultation, involvement, and	consultation.			
		participation of stakeholders; effective public				
		consultation (planning, stages of an EIA where				

Sr. #	Act	Description	Applicability to sub-project
		consultation is appropriate); and facilitation of	
		involvement (including the poor, women, and	
		NGOs).	
		These guidelines give details about disclosure of	
		environmental information. These guidelines have 2	
	Guidelines for	parts:	
	Regulation of	First part deals with Public Disclosure instructions	These guidelines will be applicable for public
16	Disclosure of	regarding arrangement of public disclosure of	disclosure of environment related information of
10	Environmental	environment information and maintenance of	IEEs/EIAs or any other interventions that may cause
	Information & Citizen	record in indexed form	any harm to the environment.
	Engagement 2020	Second part is regarding Citizen Engagement, and it	
		gives detailed information regarding citizen	
		engagement and Grievance redress mechanism.	
		The CDA focuses on construction and maintenance	
		of drainage channels and defines powers to prohibit	
	Canal and Drainage	obstruction or order their removal. It also covers	This act shall be applicable for all the subprojects of
17	Act 1873 and	issues related to canal navigation. It briefly	MCs where untreated wastewater is being dispose
17	Amendment Act 2016	addresses issues relating to environmental	off to the irrigation canals.
	Amendment Act 2010	pollution.	on to the impation canals.
		Section 70(5) of the CDA clearly states that no one	
		is allowed to "corrupt or foul the water of any canal	

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

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

Section 2: Environmental & Social Categorization

2.1. Environmental Screening and Categorization of Sub-Projects

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

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

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

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

Sr. #	Project Categories Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
	Rehabilitation of Bus Stands/Terminals ⁵	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 Community Parks ⁶	May have some negative but localized environmental and social impacts	E2/E1	S2/S1	ESMP/IEE/EIA
	Rehabilitation /Maintenance o Community Parks	May have negligible environmental impacts	E2	S 2	ESMP

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

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

Section 3: Budget Allocation

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

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

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

Section 4: Monitoring & Supervision

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

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

Annexure E. Project Appraisal

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				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	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	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.
- 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)	%	38%		
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	10.77	
4	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)	BCR= Total Benefits ÷ Total Costs	Ratio	64.55	
4	PBP= Capital costs ÷ Annual Net Benefits		Years	6.50	

			Costs			Ben				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	0.25	50				-	(50)	1	(50)
1	2024-2025		0.29	0				-	(0)	0.82	(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
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
	otal	50	100	150	2,794	6,909	-	9,703	9,552		246

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: 02-09-01-01-01

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)	BCR= Total Benefits ÷ Total Costs	Ratio	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)	0.82	(0)
2	2025-2026		0.34	0				-	(0)	0.67	(0) 21
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:

- 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: 02-09-01-04-03

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

Sr. No.		Description	Unit	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			Ben	efits			PV @ %	22.32
Year No.	Year	Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction	Total Benefits	Net (Cost)/ Benefits	Discount Factor	PV
		Α	В	C=A+B	D	E	F	G=D+E+F	H=G-C	I=(1.22.32)^n	J=HxI
0	2023-2024	6.50	0.39	7				-	(7)	1	(7)
1	2024-2025		0.45	0				-	(0)	0.82	(0)
	2025-2026		0.53	1				-	(1)	0.67	(0) (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
19	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:

- 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.

Annexure F. Stakeholder's Consultative Session



City Date	Data	Consultant Team	MC Team	
	Date		Designation	Name
From 26-Jan-23 To 27-Jan-23 Jhang & From 3-Apr-23 To 4-Apr-23	Mr. M. Fiaz	СО	Mr. Aadil Ranjha	
	Mr. Tayyab	MOI	Mr. Faraz Ahwaz	
	Mr. Abdullah	Sub Engineer	Mr. Aon	
	Mr. Haroon	PMDFC RPC	Mr. Awais	
	Mr. Safraz	PMDFC-DPO	Mr. Mudassir	
	Mr. Jawad	GIS	Present	
		PMDFC Social Officer	Present	