



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 Kot Addu
May 2023**



Table of Contents

Section 1. Introduction	5
Section 2. Overview - Municipal Committee Kot Addu	12
Section 3. Existing Asset Inventory Analysis	15
Section 4. Level of Services (LOS)	19
Section 5. IDAMP Projects	27
Section 6. Financial and Economic Analysis	36
Annexure	39

List of Tables

Table 1: Asset Summary	15
Table 2: Condition of Existing Assets	16
Table 3: Current & Target LOS	19
Table 4: IDAMP Projects	27
Table 5: Project Detail	29
Table 6: Financial Projections	38

01 Introduction

Section 1. Introduction

1.1. Context

Punjab's urban metropolises are growing at an alarming rate thereby accelerating the demand at the municipal service levels. The gap between supply and demand in terms of quality of services at the municipal level rings a bell at the corridors of stakeholders both at government and local levels. Accordingly, the study seeks to identify viable business solutions for effective service deliveries. In particular, this report investigates the conditions of assets, both moveable and immovable, 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) Kot Addu . Thus, this document is confined to the planning and management of assets of MC Kot Addu .

1.3. Brief Methodology for IDAMP Development

The methodology employed for the preparation of the Integrated Development and Asset Management Plan (IDAMP) involved several key steps, which are summarized as follows:

1. Development of Asset Inventory Database

The first step in the IDAMP methodology was to develop a comprehensive asset inventory by PMDFC. This included identifying different asset categories and collecting relevant attribute data. Further, data available at PMDFC and MCs was thoroughly reviewed to ensure accurate and synchronized documentation. This involved cross-referencing and aligning the available data with the requirements of the project. This served as a fundamental basis for integrated asset management.

2. Asset Condition Analysis

It was imperative to have a clear picture of the physical condition of assets and current level of service. Decisions regarding maintenance, rehabilitation and renewal revolved around these two aspects. Asset physical condition analysis was used to determine the need and timing of some preventative or corrective maintenance to ensure desired Level of Service and prevent service breakdown. Below is given the different categories of condition together with reasons/actions for the applicable condition:

Category	Asset Condition	Actions Required
A	Excellent	Routine Maintenance
B	Good	Minor Repair
C	Fair	Major Repair
D	Poor	Rehabilitation
E	Failing	Replacement

3. Current and Target Level of Services (LOS)

To ensure optimal service delivery, an analysis of asset divergence was conducted to assess the alignment between the existing asset inventory and the desired level of service (LOS). This step involved identifying the current level of services, setting target LOS, evaluating the service delivery gap, assessing asset condition assessment, and planning for necessary asset improvements accordingly.

Gap analysis reports and energy audit reports (where available) were reviewed to identify and define the existing infrastructure assets. These reports provided insights into the gaps and deficiencies in the current infrastructure and helped in formulating appropriate strategies for improvement. Further, sectoral plans for infrastructure investments were carefully reviewed to ensure synchronization with the target level of service.

Additionally, community consultative sessions were conducted to gather valuable insights into the needs and desires of the local community. Furthermore, it was made a priority to consult with the management and staff of the respective MCs during our field visits. Please refer **Annexure F** for details.

4. Identification of Projects

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

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

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

Sr.	Sectors/ Projects	Annual O&M Cost (%age of Capital Cost)
1	Water Supply	5%
2	Filtration Plants/OHR	10%
3	GST (Ground Storage Tank)	2.50%
4	Sewerage Network	2.50%
5	Roads	5%
6	Street Lights	2.50%
7	Parks, Playgrounds, Open Spaces	2.50%
8	Buildings	0.5%

Sr.	Sectors/ Projects	Annual O&M Cost (%age of Capital Cost)
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 Kot Addu . 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 Kot Addu . 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 Kot Addu management for their verification and endorsement.
- Age was the primary factor considered for assessing the condition of the water and sewerage network.
- The determination of the current and target level of service has been formulated through a consultative process involving relevant MC staff, and the analysis of data obtained from energy audit reports and gap analysis reports. For the computation of current level of service, following sources were consulted:
 - Served and built-up areas for different sectors were calculated from the relevant sectors' maps;
 - Total population of MC was taken from the census report of Pakistan Bureau of Statistics (PBS) while applying population growth rates for the incremental period;
 - Daily water supplied to the distribution system was calculated on the basis of capacity of tubewell and average daily operational hours of tubewell;
 - Non revenue water was computed by considering actual revenue collected by MC and total connections in the served area;
 - Total number of pipe leakages of the water distribution network was computed on the basis of number of complaints received by MC. It was assumed that one complaint represented one pipe leakage;
 - Total number of sewerage blockages was computed on the basis of number of complaints received by MC. It was assumed that one complaint represented one sewerage blockage; and

- The total annual operating expenses for each sector were determined based on the expenditure report provided by the MC staff, which covered nine (9) months' worth of data. To obtain the annual operating expenses, an extrapolation method was used to estimate the remaining three (3) months' expenditures.
- Target level of services were determined considering the findings from condition assessment, findings of energy audit reports, findings from gap analysis reports, consultative sessions with MC management and community.
- PMDFC has actively engaged in community consultative sessions to gather valuable insights into the needs and desires of the local community. Furthermore, we have made it a priority to consult with the management and staff of the respective Municipal Committees (MCs) during our field visits. This collaborative approach has allowed us to gain valuable perspectives from those directly involved in the day-to-day operations of the MCs and the feedback and insights gathered from these consultative sessions, both with the community and MC stakeholders, have been carefully analyzed and incorporated into the IDAMPs of the respective MCs.
- Projects (repair/ rehabilitation/ new creation) were identified in consultation with the respective Asset Managers keeping in view the service delivery gaps.
- Rough cost estimates (Capital and Operational & Maintenance) was performed on the basis of Market Rating System (MRS) and Non MRS rates of items.
- Identified projects were evaluated on the basis of project screening and phasing criteria prescribed in the IDAMP Framework.
- The cost and book values of the MC assets have been provided by PMDFC staff.

02 Overview - Municipal Committee Kot Addu

Section 2. Overview - Municipal Committee Kot Addu

2.1. Introduction

Tehsil and District of Kot Addu is the city of Punjab province of Pakistan. The name of the city Kot Addu is due to Addu Khan Mirani from Mirani tribe. The city is subdivided into 28 Union Councils. It is located in the southern part of the Punjab province, and is a very historic city. It has a population of over 8,080,438 Persons. It is the birthplace of famous Hindi writer Late Shri Chandragupta Vidyalankar. Kot Addu City, being an historic and prosperous city, attracts a number of tourists every year particularly duo to Indus river and public gardens.¹

2.2. Functions of Municipal Committee Kot Addu

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

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

¹ <https://mckotaddu.lgpunjab.org.pk/about-us/history/>

- 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.

03 Existing Asset Inventory Analysis

Section 3. Existing Asset Inventory Analysis

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

Table 1: Asset Summary

Sr No.	Asset Category	Asset Sub-Category	Unit	Total
1	Water Supply System	Filtration Plants	No.	4
		GST	No.	1
		Movable Assets (Vehicles/Machinery)	No.	6
2	Sewerage System	Sewerage Network	Meter	27192
		Disposal Stations	No.	4
		Movable Assets (Vehicles/Machinery)	No.	24
3	Recreational	Park	No.	4
4	SWM Resource	Movable Assets (Vehicles/Machinery)	No.	509
5	Bus Stands	Bus Stand	No.	2
6	Buildings	Offices	No.	1
		Shops	No.	215
		Library	No.	1
7	Public Places	Slaughter Houses	No.	1

Sr No.	Asset Category	Asset Sub-Category	Unit	Total
8	Office Vehicles	Office Vehicles	No.	1
9	Street Lights	Street Lights	No.	1664
10	Roads	Roads	No.	18

The detail of the assets is given in Annexure A.

3.2. Condition of Existing Assets

The condition of assets of MC is presented below:

Table 2: Condition of Existing Assets

Sr No.	Asset Category	Asset Sub-Category	Asset Condition					Unit	Total
			Excellent (A)	Good (B)	Fair (C)	Poor (D)	Failing (E)		
1	Water Supply System	Filtration Plants	-	3	1	-	-	No.	4
		GST	-	1	-	-	-	No.	1
		Movable Assets (Vehicles/Machinery)	-	4	2	-	-	No.	6
2	Sewerage System	Sewerage Network	-	-	-	-	27192	Meter	27192
		Disposal Stations	-	-	3	1	-	No.	4
		Movable Assets (Vehicles/Machinery)	-	-	24	-	-	No.	24
3	Recreational	Park	-	-	1	2	1	No.	4
4	SWM Resource	Movable Assets (Vehicles/Machinery)	450	8	49	2	-	No.	509

Sr No.	Asset Category	Asset Sub-Category	Asset Condition					Unit	Total
			Excellent (A)	Good (B)	Fair (C)	Poor (D)	Failing (E)		
5	Bus Stands	Bus Stand	-	-	-	2	-	No.	2
6	Buildings	Offices	-	-	1	-	-	No.	1
		Shops	1	214	-	-	-	No.	215
		Library	-	-	-	-	1	No.	1
7	Public Places	Slaughter Houses	-	-	-	-	1	No.	1
8	Office Vehicles	Office Vehicles	-	-	1	-	-	No.	1
9	Street Lights	Street Lights	1206	-	-	-	458	No.	1664
10	Roads	Roads	-	-	-	18	-	No.	18

04 Level of Services (LOS)

Section 4. Level of Services (LOS)

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

Table 3: Current & Target LOS

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
Water supply and control and development of water sources;	Water Supply Coverage %	Percentage of area, where water supply network is available in comparison to total built up area.	0%	0%		
	Water Supply Coverage by private wells %	Percentage of area, where residents have own water sources.	100%	100%		
	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.	NIL	NIL		
	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.	34%	34%		
	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.	57%	48%	Solarization of Tube wells and Water Supply System	2023-2024

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	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.	33%	Conformance with NEQ requirements	Rehabilitation of Filtration Plant	2023-2024
	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 complaints	Rehabilitation of Filtration Plant	2023-2024
	Operational cost coverage (Ratio)	Total annual operational revenues/Total annual operating cost.	0%	0%	Solarization of Tube wells and Water Supply System	2023-2024
Sewage and sewage treatment and disposal;	Sewerage Coverage %	Population with sewerage services (direct service connection) as a percentage of the total population. (Total served area as a percentage of the total built up area)	21%	35%	Improvement of Existing Sewerage System, new Sewerage network along with WWTP for Kot Addu City	2023-2026
	Risk of crown failure	Whether there is an indication of crown failure?	Yes	No		
	Sewerage blockages (Blockages/KM)	Total number of blockages/ complaints per year expressed per km of sewers	10	3.00		
	Waste water 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.	N/A	100%		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	Waste water 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.	N/A	100%		
	Sewerage Complaints (%)	Total number of sewerage complaints per year expressed as a percentage of the total number of sewerage connections.	0.26%	Reduced complaints		
Storm water drainage;	Storm water drainage coverage (%)	The percentage of MC area that the drainage system protects from flooding.	21%	35%	Improvement of Existing Sewerage System, new Sewerage network along with WWTP for Kot Addu City	2023-2026
Sanitation and solid waste collection and disposal of solid wastes, treatment and disposal including landfill site and recycling plants;	Collection efficiency (%)	Total amount of solid waste collected expressed as a percentage of total solid waste produced.	44%	44%		
	Disposal efficiency (%)	Total amount of solid waste disposed off expressed as a percentage of total solid waste collected.	100%	100%		
	Door-to-door (%)	Percentage of area with door-to-door solid waste collection.	0%	0%		
	Primary SWM Coverage each day in localities (%)	Percentage of area from which the sanitary staff sweeps & collects waste each day	44%	44%		
	Primary SWM Coverage each day in Roads (%)	Primary SWM Coverage each day in Roads	44%	44%		
	Open Collection Points (No.)	Open Collection Points	11	11		
	Secondary collection machinery (No.)	Secondary collection machinery	34	34		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	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	No	No		
	Sufficiency of existing dumping area (Landfill site).	Sufficiency of existing dumping area (Landfill site).	Yes	Yes		
	Mechanism for Final Disposal	Is there any mechanism for Final Disposal?	No (Land fill Site)	No (Land fill Site)		
Roads and streets;	Roads with condition "A" (Excellent) %	Total length of roads with condition "A" expressed as a percentage of total roads.	0%	5%	Improvement and Construction of Roads & Chowks in MC Kot Addu	2023-2024
	Roads with condition "B" (Good) %	Total length of roads with condition "B" expressed as a percentage of total roads.	0%	7%		
	Roads with condition "C" (Fair) %	Total length of roads with condition "C" expressed as a percentage of total roads.	0%	0%		
	Roads with condition "D" (Poor) %	Total length of roads with condition "D" expressed as a percentage of total roads.	100%	88.0%		
	Roads with condition "E" (Failing) %	Total length of roads with condition "F" expressed as a percentage of total roads.	0%	0%		
	Beautification of chowks %	Number of chowks having monuments expressed as a percentage of total chowks.				
Streetlighting;	Streetlight coverage. (%)	Percentage of area/roads with streetlights.	11.0%	11.0%	Provision and installation of Street Lights in MC	2025-2026
	Working Streetlight %	Percentage of working streetlights as of total streetlights.	72%	100%		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
Parks, Playgrounds, Open spaces;	Open spaces as percentage of total MC area. %	Open spaces as percentage of total MC area. %	0%	0%		
	Playgrounds as percentage of total MC area. %	Playgrounds as percentage of total MC area. %	0%	0%		
	Parks with condition "A" (Excellent) %	Parks with condition "A" expressed as a percentage of total parks.	0%	0%		
	Parks with condition "B" (Good) %	Parks with condition "B" expressed as a percentage of total parks.	0%	25%	Rehabilitation / Improvement of Tayyaba Park	2025-2026
	Parks with condition "C" (Fair) %	Parks with condition "C" expressed as a percentage of total parks.	25%	25%		
	Parks with condition "D" (Poor) %	Parks with condition "D" expressed as a percentage of total parks.	50%	50%		
	Parks with condition "E" (Failing) %	Parks with condition "E" expressed as a percentage of total parks.	25%	0%		
	Parks as percentage of total MC area. %	Parks as percentage of total MC area. %	0.2%	0.2%		
Graveyards;	Graveyards as percentage of total MC area. %	Graveyards as percentage of total MC area. %	0%	0%		
	Graveyards with condition "A" (Excellent) %	Total area of graveyards with condition "A" expressed as a percentage of total area of graveyards.	0%	0%		
	Graveyards with condition "B" (Good) %	Total area of graveyards with condition "B" expressed as a percentage of total area of graveyards.	0%	0%		
	Graveyards with condition "C" (Fair) %	Total area of graveyards with condition "C" expressed as a percentage of total area of graveyards.	0%	0%		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	Graveyards with condition "D" (Poor) %	Total area of graveyards with condition "D" expressed as a percentage of total area of graveyards.	0%	0%		
	Graveyards with condition "E" (Failing) %	Total area of graveyards with condition "E" expressed as a percentage of total area of graveyards.	0%	0%		
Transport stations, stops, stands and terminals;	Ratio of bus stations to the total length of roads	Ratio of bus stations to the total length of roads	2:104	2:104		
	Adequacy of facilities at bus stands	Adequacy of facilities at bus stands	No	Yes	Improvement and Rehabilitation of Bus Stand	2025-2026
Slaughterhouses;	Adequacy of slaughterhouses	Adequacy of slaughterhouses keeping in view the population of the MC	Yes	Yes		
	Adequacy of facilities in slaughterhouses	Adequacy of facilities in slaughterhouses in terms of tools, disinfectants, refrigeration/ storage systems, drainage and disposal facility, etc.	No	Yes	Rehabilitation of slaughter house	2024-2025
Municipal libraries;	Total number of Libraries per 100,000 persons	Total number of Libraries per 100,000 persons	1	1		
	Adequacy of facilities in library	Adequacy of facilities in library in terms of books, computers, furniture, air-conditioning, lighting, drinking water etc.	No	No		
Buildings	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.	-			
	Buildings with condition "C" (Fair) %	Total number of buildings with condition "C" expressed as a percentage of total number of buildings.	100%			

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS for three years	Project Name	Timeframe (FY)
	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.	0%			
	Solar Penetration Index (SPI) %	The Solar Penetration Index (SPI) measures the percentage of MC office buildings that have successfully undergone solarization.	0%	100%	Solarization of the municipal buildings	2023-24

Notes:

- While achieving the target level of service, MC shall ensure conformance with applicable laws and regulations including but not limited to land use planning, building control, environmental and social considerations.
- Environmental and social considerations are provided in Annex D.
- Comprehensive list of LOS indicators is provided in IDAMP Framework, please refer to section 5, however, certain LOS indicators are not applicable to MC Kot Addu such as metered water connections, firefighting coverage etc.
- For certain service levels, the existing level of service is sustained during the term of IDAMP i.e. three years, despite the recognized need for enhancements. This circumstance arises due to various factors, including but not limited to funding constraints, the reluctance of asset owners to initiate required modifications and the lack of suitable land availability. Nevertheless, it is crucial to emphasize that the preparation and revision of the IDAMP is an ongoing process. As a result, the target level of service in these areas may be redefined in the future, facilitating the implementation of potential improvements.
- The calculation of daily water supplied to the distribution system has considered the capacity of tubewells, in combination with the average hours of service per day for water supply.
- In order to reduce the reduction in non-revenue water, certain initiatives are required such as capacity building for MC staff, the installation of water meters, tariff revisions, regulatory reforms, among other measures. It's important to note that the percentage of non-revenue water may not necessarily improve solely with an increase in water production.
- As regards to landfilling, developing regional landfill sites, rather than smaller units for each city, would be advisable.

05 IDAMP Projects

Section 5. IDAMP Projects

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

Table 4: IDAMP Projects

Sr. No.	Project ID	Project Name	Asset Category	Total Capita Cost	2023-24		2024-25		2025-26		Project Screening (Score)
					Capital	O&M	Capital	O&M	Capital	O&M	
(Millions)											
1	03-16-01-04-01	Rehabilitation of Filtration Plant	Water Supply	4.00	4.00	0.40	-	0.40	-	0.40	84
2	03-16-01-06-01	Construction of Underground Water Storage Tank	Water Supply	400.00	100.00	-	200.00	-	100.00	10.00	84
3	03-16-02-01-01	Improvement of Existing Sewerage System, new Sewerage network along with WWTP for Kot Addu City	Sewerage	650.00	325.00	-	325.00	16.25	-	16.25	84
4	03-16-05-01-01	Rehabilitation / Improvement of Parks	Parks	50.00	-	-	-	-	50.00	1.25	67
5	03-16-05-06-01	Rehabilitation of slaughter house	Slaughterhouse	27.00	-	-	27.00	0.68	-	0.68	79

Sr. No.	Project ID	Project Name	Asset Category	Total Capita Cost	2023-24		2024-25		2025-26		Project Screening (Score)
					Capital	O&M	Capital	O&M	Capital	O&M	
					(Millions)						
6	03-16-05-04-01	Improvement and Rehabilitation of Bus Stand	Bus Stand	9.65	-	-	-	-	9.65	0.24	62
7	03-16-04-03-01	Provision and installation of Street Lights in MC	Streetlights	8.75	-	-	-	-	8.75	0.22	62
8	03-16-06-01-01	Solarization of the municipal buildings	Buildings	50.00	50.00	0.25	-	0.25	-	0.25	80
9	03-16-01-01-01	Solarization of Tube wells and Water Supply System	Water Supply	160.00	160.00	0.80	-	0.80	-	0.80	80
10	03-16-04-01-01	Improvement and Construction of Roads & Chowks in MC Kot Addu	Roads	133.55	133.55	6.68	-	6.68	-	6.68	80
Total.				1,492.95	772.55	8.13	552.00	25.05	168.40	36.76	

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: Project Detail

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
1	03-16-01-04-01	Water Supply	Rehabilitation of Filtration Plant	<p>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.</p>	Replacement of filters, vessels membranes, some taps	4	0.4	MC Kot Addu
2	03-16-01-06-01	Water Supply	Construction of Underground Water Storage Tank	<p>The main objectives are</p> <ul style="list-style-type: none"> - To supply safe drinking water ub sufficient quantity at doorsteps of consumers with reasonable cost - To encouraging personal hygiene anad household cleanliness of users - Reduction of water borne diseases - Reduction in medical expenditures - Improvement in environment of the city 	Design and Engineering Site Preparation Excavation and Earthwork Foundation Works Masonary Works Coation and Insulation Piping and Connection Concrete Works	400	10	MC Kot Addu

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

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
3	03-16-02-01-01	Sewerage	Improvement of Existing Sewerage System, new Sewerage network along with WWTP for Kot Addu City	<ol style="list-style-type: none"> 1. To implement prioritized, need based and most cost-effective municipal service infrastructure sub projects for the year 2032. 2. To improve the service delivery level for the entire growing population of the city. 3. Protecting drinking water sources from contamination by waterborne waste 4. Improvement of the environment of the city making it livable. 5. To improve the economic growth of the city. 	<ol style="list-style-type: none"> 1.Rehabilitation of existing sewerage system 2.Rehabilitation of existing disposal stations 3.Construction of sewerage network in unserved areas 4.WWTP 5.Construction of new disposal stations 	650	16.25	MC Kot Addu
4	03-16-05-01-01	Parks	Rehabilitation / Improvement of Parks	<ol style="list-style-type: none"> 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. 	Park required <ol style="list-style-type: none"> 1 Swings 2 Drinking water coolers 3 Washroom Renovations 4 Dust Bins 5 Tuck Shop 	50	1.25	MC Kot Addu
5	03-16-05-06-01	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	<ul style="list-style-type: none"> ▸ Rehabilitation of Boundary wall and gate ▸ Doctor’s room renovation ▸ Slaughtering hall for large and small animals ▸ Evisceration hall ▸ Meet cutting room ▸ Blood collection 	27	0.68	Stadium Road

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
				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.	arrangements <ul style="list-style-type: none"> ▸ 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 			
6	03-16-05-04-01	Bus Stand	Improvement and Rehabilitation of Bus Stand	<ol style="list-style-type: none"> 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 	<ul style="list-style-type: none"> - General Bus Stand main building along with all allied facilities - Drainage System - Illumination and electrical works - Boundary wall and gates 	9.65	0.24125	Bus Stand Road

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
				<p>maintenance.</p> <p>10. Improvement in the economic growth potential of the city.</p>				
7	03-16-04-03-01	Streetlights	Provision and installation of Street Lights in MC	<p>Enhance public safety and security by providing adequate lighting.</p> <p>Improve visibility for motorists and pedestrians.</p> <p>Increase the overall quality of street lighting.</p> <p>Reduce energy consumption and operating costs.</p> <p>Promote energy efficiency and sustainability.</p> <p>Improve the aesthetics of the area.</p> <p>Enhance the functionality of the street lighting system.</p> <p>Improve reliability and reduce maintenance downtime.</p> <p>Ensure compliance with regulatory requirements.</p> <p>Increase the lifespan of the street lighting system.</p>	<p>Replacement of LED Lights - 150 Nos.</p> <p>Replacement of street lights - 250 Nos.</p>	8.75	0.22	Various streets and roads in MC Kot Addu
8	03-16-06-01-01	Buildings	Solarization of the municipal buildings	<p>The primary objectives of solarization are as follows:</p> <p>a) Enhance Sustainability: By generating clean and renewable energy, the project can reduce its environmental impact and contribute to sustainable development.</p> <p>b) Reduce Carbon Footprint: Solar PV systems produce electricity with zero greenhouse gas emissions, helping to mitigate climate change and improve air quality.</p> <p>c) Cut Down Energy Costs: Utilizing solar energy can significantly reduce reliance on</p>	Solarization of the municipal buildings based on the site load and installation capacity assessment	50	0.25	MC Kot Addu

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
				conventional grid electricity, resulting in long-term cost savings and improved financial viability.				
9	03-16-01-01-01	Solarization of Tube wells and Water Supply System	Water supply	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.	160	0.8	MC Kot Addu
10	03-16-04-01-01	Improvement and Construction of Roads & Chowks in MC Kot Addu	Roads	The Project has the following objectives; 1. Improvement of service delivery level of the municipal services in the sector of communication. 2. Better travelling facilities for the commuters. 3. Reduction in road accidents. 4. Saving in travelling and repair cost of the vehicles. 5. Reduction in annual maintenance charges of roads and parks 6. Better lit roads and streets adding to	Rehabilitation of Existing Pavement Structure, Improvement of drainage system, Provision of 80mm Tuff pavers	133.55	6.67	40 different small streets in MC Kot Addu

Sr. No.	Project ID	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (PKR million)	Recurrent Annual O&M Cost (PKR million)	Project Location
				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.				

06 Financial and Economic Analysis

Section 6. Financial and Economic Analysis

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

1.1. Qualitative Assessment

The qualitative benefits of the proposed projects are as under:

- (i) **The benefits of municipal project - Engines of Growth:** Among other benefits, municipal projects generate employment opportunities and create a positive impact on the standard of living. Few projects proposed under IDAMP are mega projects which would create their own economy, boost manufacturing & trading, create need for commerce value chain.
- (ii) **Environmental Up-gradation:** Development of wastewater treatment plant would provide primary and secondary treatment, thereby have a positive bearing on environment. Further, all projects will especially focus environmental considerations during construction and operational phases. Further green areas, trees and plantations will provide not only refreshing view but will enhance the environmental conditions and help climate stabilization.
- (iii) **Employment Opportunities:** The Project is likely to create employment opportunities for over 1,000 people during construction and about 500 people at operational stage in addition to indirect employment generation.
- (iv) **Improvement in Service Delivery of Water Supply:** Replacement of water supply system would improve the water quality for the target population, thus will help to improve public health index.
- (v) **Rehabilitation of Parks - Creation of Social Hub in the Locality:** These projects will provide a recreational facility to the residents of the catchment area of respective parks thus improve the visitors count of the parks and create social harmony and extended connectivity in the people.
- (vi) **Saving in Fuel Consumption and Improved Connectivity -** Rehabilitation of roads infrastructure would not only improve the service delivery level of the municipal services but also result in few road accidents, potential savings in travelling and repair cost of the vehicles, reduction in annual maintenance charges of roads and parks. Moreover, better lit roads and streets would add to security of people travelling at night.

- (vii) **Generation of Business Opportunities:** Projects will open new corridors for small- and large-scale businesses right from the construction phase and onwards throughout the life of the Project.
- (viii) **Revenue Generation:** Local government is estimated to generate direct and indirect revenue from the projects.

1.2. Quantitative Assessment of the Project

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

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

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

1.3. Annual Financial Projections

The annual financial projection of Municipal Committee Kot Addu is given below:

Table 6: Financial Projections

Amount in PKR Million

Year	2023-24		2024-25		2025-26	
Category	Capital Cost	O&M Cost	Capital Cost	O&M Cost	Capital Cost	O&M Cost
Water Supply	264.00	1.20	200.00	1.20	100.00	11.20
Sewerage	325.00	-	325.00	16.25	-	16.25
Parks	-	-	-	-	50.00	1.25
Slaughterhouse	-	-	27.00	0.68	-	0.68
Bus Stand	-	-	-	-	9.65	0.24
Streetlights	-	-	-	-	8.75	0.22
Buildings	50.00	0.25	-	0.25	-	0.25
Roads	133.55	6.68	-	6.68	-	6.68
Total	772.55	8.13	552.00	25.05	168.40	36.76

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.

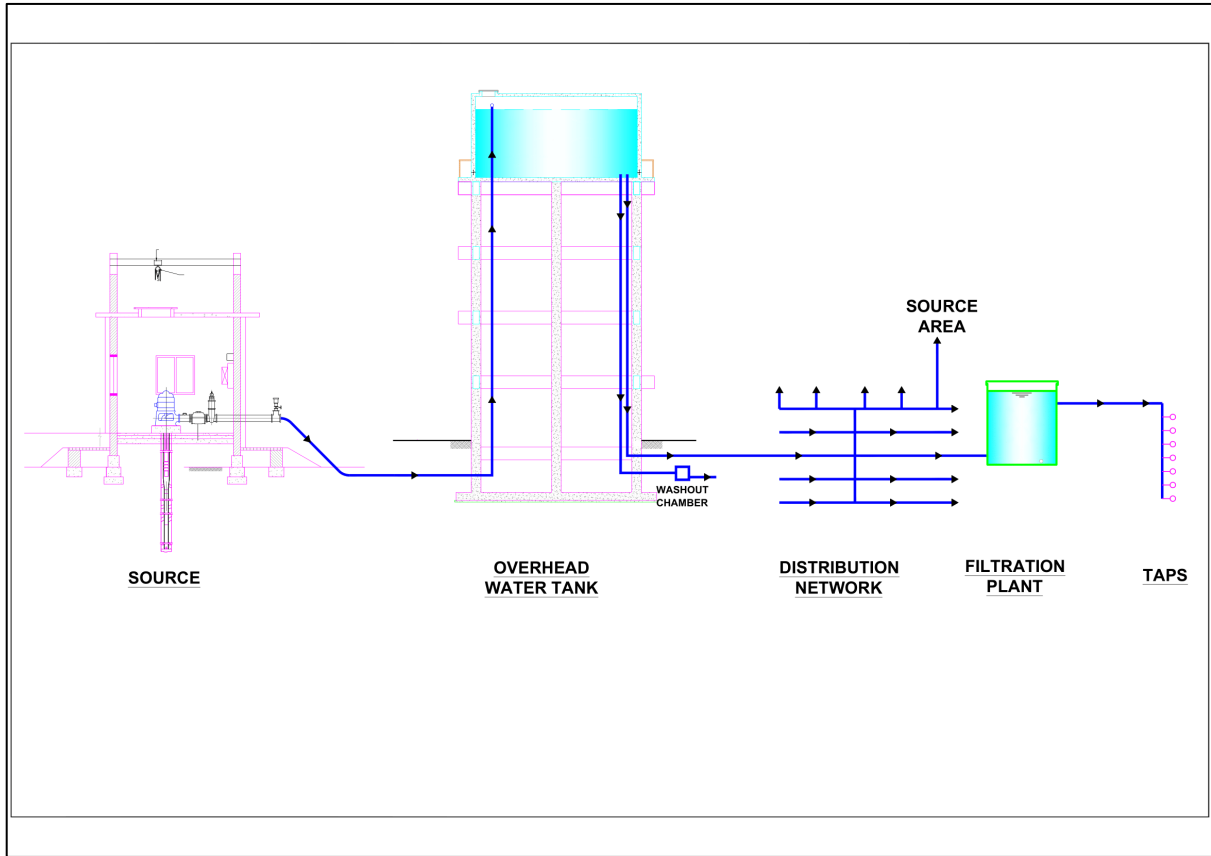
Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.

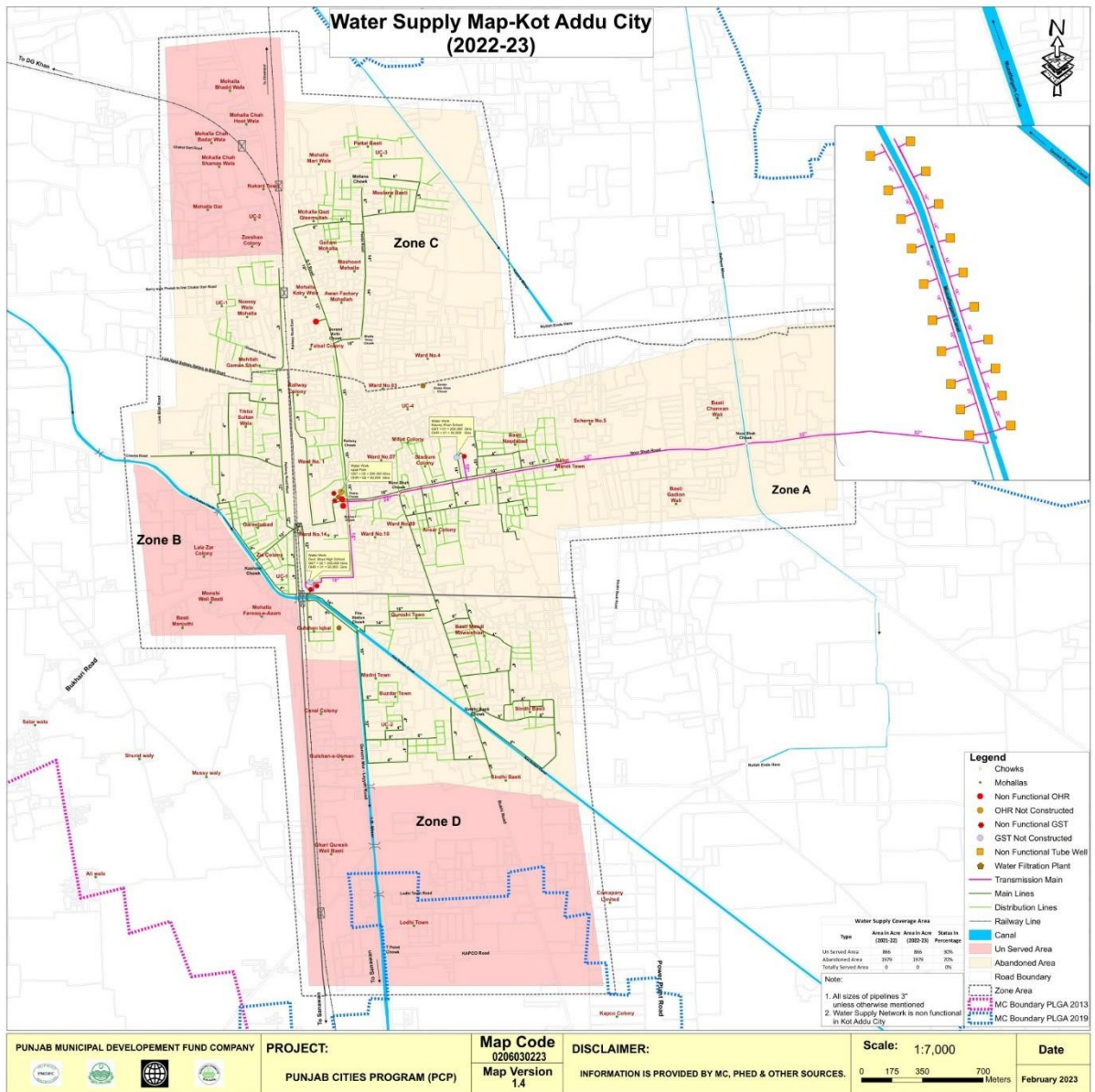
Annexure

Annexure A. Detail of Assets

1. Water Supply



Key Components of a Water Supply System






A. Ground Storage Tank (GST)



Sr #	Name	Age (Years)	Condition	Capacity	Status	Book Value (PKR Million)
1	Rabia Park	13	96,000	Good	Functional	2


Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Kot Addu						
Form: IDAMP-A3		Ground Storage Reservoir Asset Condition Assessment			Asset Code: _____ Date: 02-05-3023	
Name		Rabia Park			<div style="text-align: center;">Pictures</div> 	
Location	Latitude	30.4599				
	Longitude	70.9660				
Address						
Year of Construction		2010				
Capacity (UK Gallons)		96000				
Cleaning Frequency (Per Year)		12				
Type of Structure		Steel structure				
Structure Condition		Good	Fair	Bad		
Number of Valves	Sluice Valve	3				
	Non-Returning Valve	3				
Working Status		Functiona l	Non-Functional			
Incoming Main	Dia					
	Material	MS				
Delivery Main	Dia					
	Material	MS				
Cover Slab Condition		Good	Fair	Poor		
Approach Road Condition		Good	Fair	Poor		
Boundary Wall & Gate		Yes	No			
Overall Rating						
Average Score	1	2	3	4	5	
Asset Condition	Excellent	Good	Fair	Poor	Failing	
Category	A	B	C	D	E	
Remarks / Requirements						
<ul style="list-style-type: none"> No remarks 						
Data Collected By: Mr. Haroon		Designation: Team Member		 Sign & Date: 30 May 2023		
Data Checked By: Mr. Muddasir Alvi		Designation: Team Lead				



		 Sign & Date: 30 May 2023
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B. Filtration Plant



Sr #	Name	Age (Years)	Type	Filtration Capacity (Liters/hour)	Condition	Status	Book Value (PKR Million)
1	Iqbal park	13	RO	2000	Good	Functional	1.1
2	Koray Khan	14	RO	2000	Good	Functional	1
3	Rabia Park	13	RO	2000	Good	Functional	1.1
4	Tooba Park	13	RO	2000	Fair	Functional	0.9



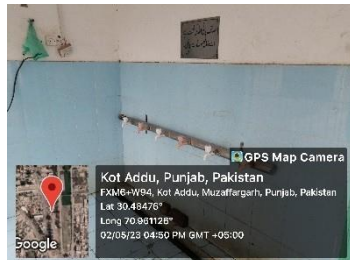
Integrated Development And Asset Management Plan (IDAMP)			
Municipal Committee Kot Addu			
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment	Asset Code: _____ Date: 02-05-3023	
Name		Iqbal Park	<div style="display: flex; flex-direction: column; align-items: center;"> <div style="background-color: #C8E6C9; padding: 5px; margin-bottom: 5px;">Pictures</div>   </div>
Location	Latitude	30.4666	
	Longitude	70.9647	
Address			
Installation Year		2010	
Installing Agency			
O&M Agency		MC	
Filtration Capacity (Liter/Hour)		2000	
Operational Hours		14	
No. of Taps		10	
Effluent Test (If Available)			
Latest water quality analysis carried out?			
If yes, which lab and parameters?			
Findings of water quality analysis?			
In case of any parameter above the permissible limit, which steps are taken to provide safe water?			
Plant Type		RO UV	
Source of Water		Local Tube Well Public Water Supply	



Working Status	Functional		Non-Functional		
Pumping Unit	Yes		No		
Control Panel	Yes		No		
Service Cable	Yes		No		
Ultraviolet Lamp	Yes		No		
Takeaway Hall Condition	Good	Fair	Poor		
Building Structure Condition	Good	Fair	Poor		
Approach to Pump House	Good	Fair	Poor		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
• No remarks					
<i>Data Collected By: Mr. Haroon</i>	<i>Designation: Team Member</i>			<i>Haroon</i> <i>Sign & Date: 30 May 2023</i>	
<i>Data Checked By: Mr. Muddasir Alvi</i>	<i>Designation: Team Lead</i>			<i>MAlvi</i> <i>Sign & Date: 30 May 2023</i>	

Integrated Development And Asset Management Plan (IDAMP)					
Municipal Committee Kot Addu					
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Name		Koray Khan			Pictures
Location	Latitude	30.472			  
	Longitude	70.9707			
Address					
Installation Year		2014			
Installing Agency		Army			
O&M Agency		MC			
Filtration Capacity (Liter/Hour)	2000				
Operational Hours		10			
No. of Taps		6			
Effluent Test (If Available)					
Latest water quality analysis carried out?					
If yes, which lab and parameters?					
Findings of water quality analysis?					
In case of any parameter above the permissible limit, which steps are taken to provide safe water?					
Plant Type	RO		UV		
Source of Water	Local Tube Well		Public Water Supply		
Working Status	Functional		Non-Functional		
Pumping Unit	Yes		No		
Control Panel	Yes		No		
Service Cable	Yes		No		
Ultraviolet Lamp	Yes		No		
Takeaway Hall Condition	Good	Fair	Poor		
Building Structure Condition	Good	Fair	Poor		
Approach to Pump House	Good	Fair	Poor		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
•					

Data Collected By: Mr. Haroon	Designation: Team Member	 Sign & Date: 30 May 2023
Data Checked By: Mr. Muddasir Alvi	Designation: Team Lead	 Sign & Date: 30 May 2023



Integrated Development And Asset Management Plan (IDAMP)			
Municipal Committee Kot Addu			
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment		Asset Code: _____ Date: 02-05-3023
Name		Rabia Park	<div style="background-color: #C8E6C9; padding: 5px; margin-bottom: 5px;">Pictures</div>  
Location	Latitude	30.4599	
	Longitude	70.9660	
Address			
Installation Year		2010	
Installing Agency			
O&M Agency		MC	
Filtration Capacity (Liter/Hour)	2000		
Operational Hours		10	
No. of Taps		8	
Effluent Test (If Available)			
Latest water quality analysis carried out?			
If yes, which lab and parameters?			
Findings of water quality analysis?			
In case of any parameter above the permissible limit, which steps are taken to provide safe water?			
Plant Type	RO	UV	
Source of Water	Local Tube Well	Public Water Supply	
Working Status	Functional	Non-Functional	
Pumping Unit	Yes	No	
Control Panel	Yes	No	
Service Cable	Yes	No	
Ultraviolet Lamp	Yes	No	
Takeaway Hall Condition	Good	Fair	Poor
Building Structure Condition	Good	Fair	Poor
Approach to Pump House	Good	Fair	Poor
Overall Rating			


Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
• No remarks					
Data Collected By: Mr. Haroon	Designation: Team Member			 Sign & Date: 30 May 2023	
Data Checked By: Mr. Muddasir Alvi	Designation: Team Lead			 Sign & Date: 30 May 2023	
Integrated Development And Asset Management Plan (IDAMP)					
Municipal Committee Kot Addu					
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment			Asset Code: _____ Date: 02-05-3023	
Name	Tooba Park			Pictures	
Location	Latitude	30.48476			
	Longitude	70.961126			
Address					
Installation Year					
Installing Agency					
O&M Agency					
Filtration Capacity (Liter/Hour)					
Operational Hours					
No. of Taps					
Effluent Test (If Available)					
Latest water quality analysis carried out?					
If yes, which lab and parameters?					
Findings of water quality analysis?					
In case of any parameter above the permissible limit, which steps are taken to provide safe water?					
Plant Type	RO		UV		
Source of Water	Local Tube Well		Public Water Supply		
Working Status	Functional		Non-Functional		
Pumping Unit	Yes		No		
Control Panel	Yes		No		
Service Cable	Yes		No		
Ultraviolet Lamp	Yes		No		
Takeaway Hall Condition	Good	Fair	Poor		

Building Condition	Structure	Good	Fair	Poor	
Approach to House	Pump	Good	Fair	Poor	
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> No remarks 					
Data Collected By: Mr. Haroon		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. Muddasir Alvi		Designation: Team Lead		 Sign & Date: 30 May 2023	

C. Vehicles/ Machinery

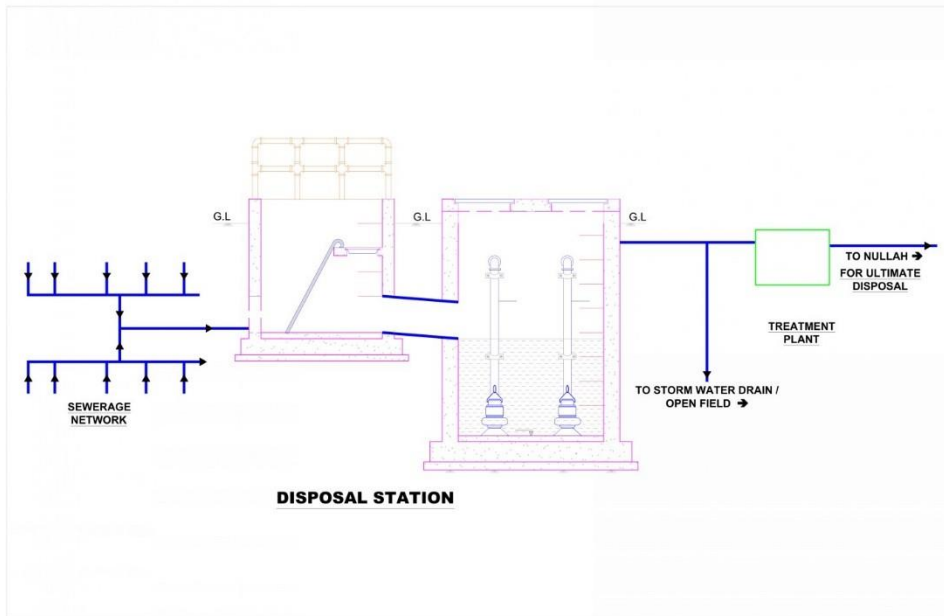
Sr #	Name	Age (Years)	Capacity	Condition	Status	Book Value (PKR Million)
1	Water Bowser #01	17	50hp,5800Liters	Fair	Functional	0.2
2	Water Bowser #02	17	50hp,5800Liters	Fair	Functional	0.2
3	Water Bowser #03	1	50hp,5800Liters	Good	Functional	1.8
4	Water Bowser #04	1	50hp,5800Liters	Good	Functional	1.8
5	Water Bowser #05	1	50hp,5800Liters	Good	Functional	1.8
6	Water Bowser #06	1	50hp,5800Liters	Good	Functional	1.8

Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Kot Addu						
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023		
Type of Vehicle / Machinery			Pictures			
Water Bowser						
	Water Bowser 1	Water Bowser 2	Water Bowser 3	Water Bowser 4	Water Bowser 5	Water Bowser 6
Capacity	5800 Liters	5800 Liters	5800 Liters	5800 Liters	5800 Liters	5800 Liters
Purpose	Water supply	Water supply	Water supply	Water supply	Water supply	Water supply
Year of Manufacturing	2006	2006	2022	2022	2022	2022
Model	MF240	MF385	Not Availabl e	Not Availabl e	Not Availabl e	Not Availabl e
Capital Cost						
Fuel Consumption (Liters/Month)	298	298	Not Availabl e	Not Availabl e	Not Availabl e	Not Availabl e
Condition	Fair	Fair	Good	Good	Good	Good
Engine Capacity	50hp	50hp	50hp	50hp	50hp	50hp
Maintenance Cost	Not Availabl e	Not Availabl e	Not Availabl e	Not Availabl e	Not Availabl e	Not Availabl e
Oiling /Fitness	Yes	Yes	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No	No	No
Registered	MHD 2564	Not Availabl e	Not Availabl e	Not Availabl e	Not Availabl e	Not Availabl e
Overall Rating	Fair	Fair	Good	Good	Good	Good
Remarks / Requirements						
<ul style="list-style-type: none"> No remarks 						
<i>Data Collected By: Mr. Haroon</i>		<i>Designation: Team Member</i>			 <i>Sign & Date: 30 May 2023</i>	
<i>Data Checked By: Mr. Muddasir Alvi</i>		<i>Designation: Team Lead</i>				

		 Sign & Date: 30 May 2023
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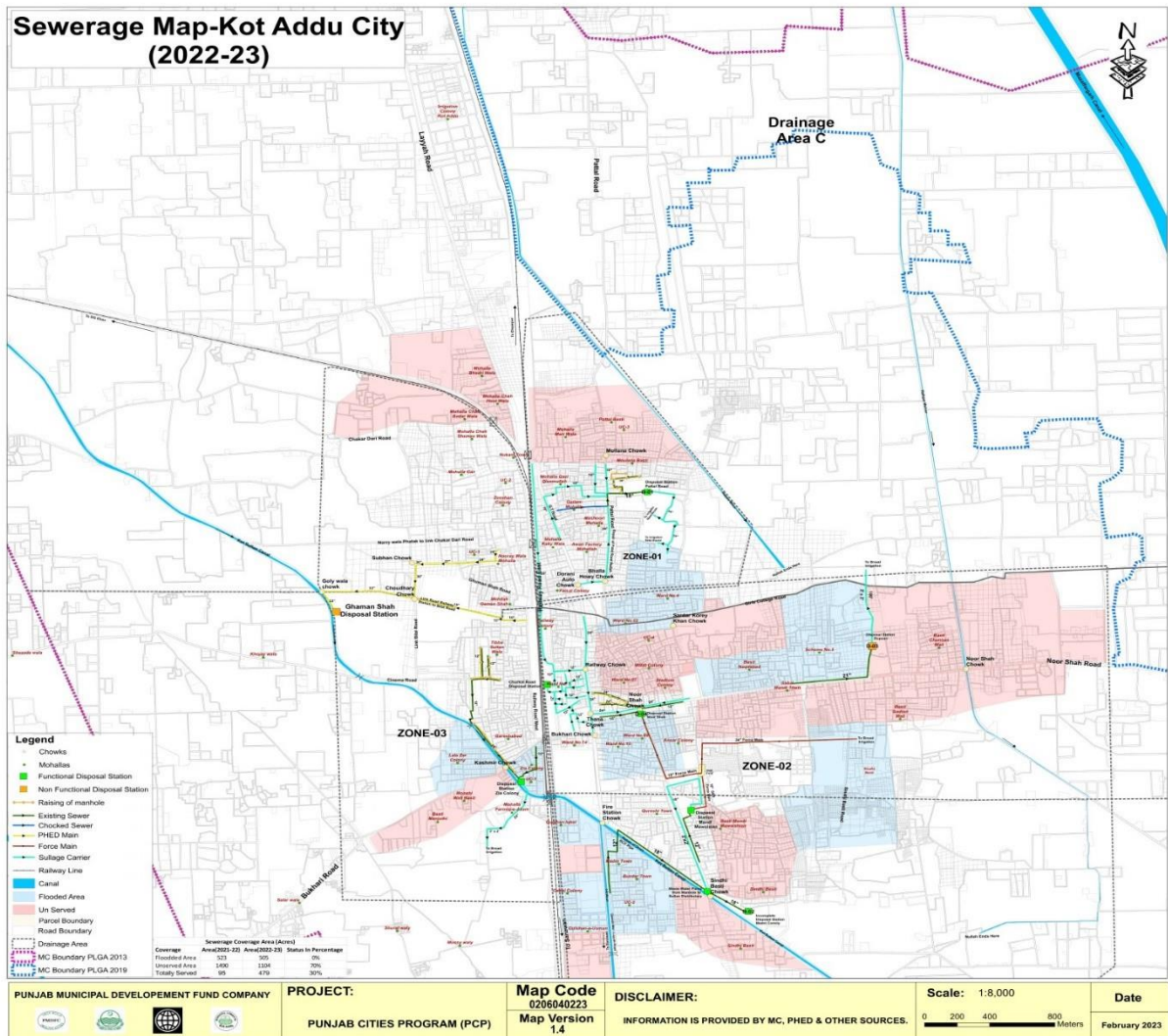
2. Sewerage



Key Components of a Sewerage System



A. Sewerage Network

Sr #	Dia	Length (meter)	Age (Years)	Condition	Material	Book Value (PKR Million)
1	12"	3513	40-50	Failing	RCC	0
2	15"	1707				0
4	18"	10880				0
5	21"	794				0
6	24"	6086				0
7	27"	220				0
8	28"	2157				0
9	30"	651				0
10	33"	1157				0




Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Kot Addu					
Form: IDAMP-A6	Sewerage Network Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Description	Area (Acres)			Percentage	
Served Area	479			95	
Flooded Area	505			30	
Unserved Area	1104			70	
Type and number of complaints received to MC regarding sewerage system?	05				
Steps considered by MC to resolve the complaints					
Pipe Dia (inches)	Pipe Material	Length (m)	No. of Manholes	Year of Laying	Age of Pipe
12	RCC	3513	115	1973-1984	40-50
15		1707	37		
18		10880	18		
21		794	10		
24		6086	80		
27		220	2		
28		2157	24		
30		651	7		
33		1157	13		
Remarks / Requirements					
• No remarks					
Data Collected By: Mr. Haroon		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. Muddasir Alvi		Designation: Team Lead		 Sign & Date: 30 May 2023	

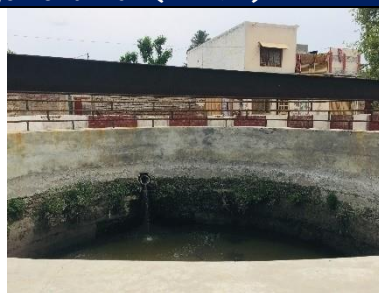
B. Disposal Station



Sr #	Name	Age (Years)		Nos. of pump	Discharge Each (Cusec)	Motor hp	Pump Make	Motor Make	Condition	Status	Book Value (PKR Million)
		Civil Structure	Pump								
1	Mandi Mawashian	38	38	3	2.5(2 nos.) 4(1nos.)	30 60	KSB	Siemens	Fair	Functional	0.5
2	Pattal Road	27	27	5	3(4 nos.) 2.5(1nos.)	40 30	KSB	Siemens	Fair	Functional	0.8
3	Noor Shah Chowk	41	41	3	4(2nos.) 4(1nos.)	40 50	KSB	Siemens	Poor	Functional	0.5
4	Zia Colony	33	33	2	1(1nos.) 2(1nos.)	15 25	KSB	Siemens	Fair	Functional	0.6




Integrated Development and Asset Management Plan (IDAMP)			
Municipal Committee Kot Addu			
Form: IDAMP-A7	Sewerage Disposal Station Asset Condition Assessment		Asset Code: _____ Date: 02-05-3023
Asset Detail		Pictures	
Name		Mandi Mawashian	
Location	Latitude	30.4603	
	Longitude	70.9715	
Address			
Area (Acres)		0.44	
Installation Year		1985	
Capital Cost of Machinery		Not available	
Outfall Drain Sewer	Dia	24"	
	Material	RCC	
Screening Chamber	No. of Screens	1	
	Screen Condition	Good	Fair
	Chamber Structure	Masonry	
Wet Wells	Number	2	
	Shape	Rectangular	Circular
	Size	35'	
	Structure	Masonry	RCC
	Railing	Yes	No
Force Main	No. of force mains		
	Dia		
	Material		





Integrated Development and Asset Management Plan (IDAMP)				
	Starting Point			
	Ending Point			
	Length			
Sullage Carrier	Size	2'x2'		
	Shape	Square		
	Length	400'		
	Condition	Fair		
Delivery Pipe	Dia	8"		
	Material	C.I		
Suction Pipe	Dia	8"		
	Material	C.I		
Number of Valves	Sluice Valves	4		
	Non-Return Valves	3		
	Penstock Valves	1		
Ultimate Disposal		Kot Sultan Canal		
Civil Structure Condition	Good	Fair	Poor	
Control Room Structure	Good	Fair	Poor	
Discharge Box Structure	Good	Fair	Poor	
Approach to Pump House	Good	Fair	Poor	
Hoisting Girder	Yes		No	
Boundary Wall & Gate	Yes		No	
Treatment of Sewage	Yes		No	
Wastewater daily discharge in m ³ /day? (based on available information at MC)	5522			
Ultimate disposal of wastewater?	Sultan Distributary			
Electro-Mechanical Equipment Details				
Number of WAPDA Feeders	1			
Transformer Capacity (kVA)	50			
Number of MCU	3			
Sanctioned Load (kWh)				
Power Factor Improvement Equipment	Yes		No	
Service Cable	Yes		No	
Power Wiring	Yes		No	
Earthing of Motor	Yes		No	
Earthing of MCU	Yes		No	
Generator Availability	Yes		No	
Light Wiring of Pump House	Yes		No	
Change Over	Yes		No	
Pump Detail				
	Pump A	Pump B	Pump C	
Pump Type	Centrifugal/ Non-Clogging	Submersible	Submersible	
Pump Brand	KSB	KSB	KSB	







Integrated Development and Asset Management Plan (IDAMP)						
Pump Paint		ok		ok		ok
Motor Brand		Siemens		Siemens		Siemens
Installation Year of Pump		1985		1985		1985
Discharge Capacity (Cusecs)		4		2.5		2.5
Rotational Speed (RPM)		950		950		950
Head (ft.)		50		50		50
Motor Power (HP)		60		30		30
Pump Daily Running Time (Hours)		6		6		6
Base Plate		Yes	No	Yes	No	Yes
Number of Valves	Sluice Valve	4				
	Non-Returning Valve	3				
Overall Rating						
Average Score	1	2	3	4	5	
Asset Condition	Excellent	Good	Fair	Poor	Failing	
Category	A	B	C	D	E	
Remarks / Requirements						
<ul style="list-style-type: none"> No remarks 						
Data Collected By: Mr. Haroon		Designation: Team Member		 Sign & Date: 30 May 2023		
Data Checked By: Mr. Muddasir Alvi		Designation: Team Lead		 Sign & Date: 30 May 2023		


Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Kot Addu					
Form: IDAMP- A7	Sewerage Disposal Station Asset Condition Assessment			Asset Code: _____ Date: 02-05-3023	
Asset Detail				Pictures	
Name		Pattal Road			
Location	Latitude	30.4805			
	Longitude	70.9687			
Address					
Area (Acres)		0.44			
Installation Year		1996			
Capital Cost of Machinery					
Outfall Drain Sewer	Dia	18"			
	Material	RCC			
Screening Chamber	No. of Screens	1			
	Screen Condition	Good	Fair	Poor	
	Chamber Structure	Masonry			
Wet Wells	Number	2			
	Shape	Rectangular	Circular		
	Size	25'			
	Structure	Masonry		RCC	
	Railing	Yes		No	
Force Main	No. of force mains				
	Dia				
	Material				
	Starting Point				
	Ending Point				
	Length				
Sullage Carrier	Size	2'x2'			
	Shape	Square			
	Length	1900'			
	Condition	Fair			
Delivery Pipe	Dia	8"			
	Material	C.I			
Suction Pipe	Dia	8"			
	Material	C.I			
Number of Valves	Sluice Valves	9			
	Non-Return Valves	5			
					
					




Integrated Development and Asset Management Plan (IDAMP)					
	Penstock Valves	1			
Ultimate Disposal		Kot Sultan Canal			
Civil Structure Condition	Good	Fair	Poor		
Control Room Structure	Good	Fair	Poor		
Discharge Box Structure	Good	Fair	Poor		
Approach to Pump House	Good	Fair	Poor		
Hoisting Girder	Yes		No		
Boundary Wall & Gate	Yes		No		
Treatment of Sewage	Yes		No		
Wastewater daily discharge in m ³ /day? (based on available information at MC)	4450				
Ultimate disposal of wastewater?	Broad irrigation				
Electro-Mechanical Equipment Details					
Number of WAPDA Feeders	1				
Transformer Capacity (kVA)	50				
Number of MCU	3				
Sanctioned Load (kWh)					
Power Factor Improvement Equipment	Yes		No		
Service Cable	Yes		No		
Power Wiring	Yes		No		
Earthing of Motor	Yes		No		
Earthing of MCU	Yes		No		
Generator Availability	Yes		No		
Light Wiring of Pump House	Yes		No		
Change Over	Yes		No		
Pump Detail					
	Pump A	Pump B	Pump C	Pump D	Pump E
Pump Type	Centrifugal/ Non-Clogging	Centrifugal/ Non-Clogging	Centrifugal/ Non-Clogging	Centrifugal/ Non-Clogging	Submersible
Pump Brand	KSB	KSB	KSB	KSB	KSB
Pump Paint	ok	ok	ok	ok	ok
Motor Brand	Siemens	Siemens	Siemens	Siemens	Siemens
Installation Year of Pump	1985	1985	1985	1985	1985
Discharge Capacity (Cusecs)	3	3	3	3	2.5
Rotational Speed (RPM)	950	950	950	950	950
Head (ft.)	50	50	50	50	50
Motor Power (HP)	40	40	40	40	30


Integrated Development and Asset Management Plan (IDAMP)											
Pump Daily Running Time (Hours)	3		3		3		3		3		
Base Plate	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	
Number of Valves	Sluice Valve	9									
	Non-Returning Valve	5									
Overall Rating											
Average Score	1	2	3		4		5				
Asset Condition	Excellent	Good	Fair		Poor		Failing				
Category	A	B	C		D		E				
Remarks / Requirements											
<i>Data Collected By: Mr. Haroon</i>			<i>Designation: Team Member</i>			 Sign & Date: 30 May 2023					
<i>Data Checked By: Mr. Muddasir Alvi</i>			<i>Designation: Team Lead</i>			 Sign & Date: 30 May 2023					


Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Kot Addu					
Form: IDAMP-A7	Sewerage Disposal Station Asset Condition Assessment			Asset Code: _____ Date: 02-05-3023	
Asset Detail				Pictures	
Name		Noor Shah Chowk			
Location	Latitude	30.4668			
	Longitude	70.9686			
Address					
Area (Acres)		0.03			
Installation Year		1982			
Capital Cost of Machinery					
Outfall Drain Sewer	Dia	24"			
	Material	RCC			
Screening Chamber	No. of Screens	1			
	Screen Condition	Good	Fair	Poor	
	Chamber Structure	Masonry			
Wet Wells	Number	0			
	Shape	Rectangular	Circular		
	Size	0			
	Structure	Masonry	RCC		
	Railing	Yes	No		
Force Main	No. of force mains	2			
	Dia	12" & 24"			
	Material	PVC			
	Starting Point	Pump House			
	Ending Point	Broad Irrigation			
	Length	6000'			
Sullage Carrier	Size				
	Shape				
	Length				
	Condition				
Delivery Pipe	Dia	8"			
	Material	C.I			
Suction Pipe	Dia	8"			
	Material	C.I			
Number of Valves	Sluice Valves	4			
	Non-Return Valves	3			
	Penstock Valves	1			
Ultimate Disposal		Kot Sultan Canal			
Civil Structure Condition		Good	Fair	Poor	
Control Room Structure		Good	Fair	Poor	
Discharge Box Structure		Good	Fair	Poor	
Approach to Pump House		Good	Fair	Poor	
Hoisting Girder		Yes		No	
					
					

Integrated Development and Asset Management Plan (IDAMP)									
Boundary Wall & Gate		Yes		No					
Treatment of Sewage		Yes		No					
Wastewater daily discharge in m ³ /day? (based on available information at MC)		7365							
Ultimate disposal of wastewater?		Broad irrigation							
Electro-Mechanical Equipment Details									
Number of WAPDA Feeders		1							
Transformer Capacity (kVA)		100							
Number of MCU		1							
Sanctioned Load (kWh)									
Power Factor Improvement Equipment		Yes		No					
Service Cable		Yes		No					
Power Wiring		Yes		No					
Earthing of Motor		Yes		No					
Earthing of MCU		Yes		No					
Generator Availability		Yes		No					
Light Wiring of Pump House		Yes		No					
Change Over		Yes		No					
Pump Detail									
		Pump A		Pump B		Pump C			
Pump Type		Centrifugal/ Non-Clogging		Submersible		Submersible			
Pump Brand		KSB		KSB		KSB			
Pump Paint		ok		ok		ok			
Motor Brand		Siemens		Siemens		Siemens			
Installation Year of Pump		1982		1982		1982			
Discharge Capacity (Cusecs)		4		4		4			
Rotational Speed (RPM)		950		950		950			
Head (ft.)		50		50		50			
Motor Power (HP)		50		40		40			
Pump Daily Running Time (Hours)		6		6		6			
Base Plate		Yes	No	Yes	No	Yes	No		
Number of Valves	Sluice Valve		4						
	Non-Returning Valve		3						
Overall Rating									
Average Score	1	2	3	4		5			
Asset Condition	Excellent	Good	Fair	Poor		Failing			
Category	A	B	C	D		E			
Remarks / Requirements									
<ul style="list-style-type: none"> • No remarks 									
Data Collected By: Mr. Haroon			Designation: Team Member			 Sign & Date: 30 May 2023			

Integrated Development and Asset Management Plan (IDAMP)		
<i>Data Checked By: Mr. Muddasir Alvi</i>	<i>Designation: Team Lead</i>	 <i>Sign & Date: 30 May 2023</i>

Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Kot Addu						
Form: IDAMP-A7		Sewerage Disposal Station Asset Condition Assessment			Asset Code: _____ Date: 02-05-3023	
Asset Detail					Pictures	
Name		Zia Colony				
Location	Latitude	30.4625				
	Longitude	70.9607				
Address						
Area (Acres)		0.075				
Installation Year		1990				
Capital Cost of Machinery						
Outfall Drain Sewer	Dia	24"				
	Material	RCC				
Screening Chamber	No. of Screens	1				
	Screen Condition	Good	Fair	Poor		
	Chamber Structure	Masonry				
Wet Wells	Number	1				
	Shape	Rectangular	Circular			
	Size	25'				
	Structure	Masonry	RCC			
	Railing	Yes	No			
Force Main	No. of force mains	1				
	Dia	8"				
	Material	AC				
	Starting Point					
	Ending Point					
	Length					
Sullage Carrier	Size					
	Shape					
	Length					
	Condition					
Delivery Pipe	Dia	8"				
	Material	C.I				
Suction Pipe	Dia	8"				
	Material	C.I				
Number of Valves	Sluice Valves	3				
	Non-Return Valves	2				
	Penstock Valves	1				
Ultimate Disposal		Kot Sultan Canal				
Civil Structure Condition		Good	Fair	Poor		
Control Room Structure		Good	Fair	Poor		
Discharge Box Structure		Good	Fair	Poor		
Approach to Pump House		Good	Fair	Poor		
Hoisting Girder		Yes		No		
Boundary Wall & Gate		Yes		No		
						
						

Integrated Development and Asset Management Plan (IDAMP)					
Treatment of Sewage		Yes	No		
Wastewater daily discharge in m ³ /day? (based on available information at MC)		2150			
Ultimate disposal of wastewater?		Broad irrigation			
Electro-Mechanical Equipment Details					
Number of WAPDA Feeders		1			
Transformer Capacity (kVA)		50			
Number of MCU		2			
Sanctioned Load (kWh)					
Power Factor Improvement Equipment		Yes	No		
Service Cable		Yes	No		
Power Wiring		Yes	No		
Earthing of Motor		Yes	No		
Earthing of MCU		Yes	No		
Generator Availability		Yes	No		
Light Wiring of Pump House		Yes	No		
Change Over		Yes	No		
Pump Detail					
		Pump A		Pump B	
Pump Type		Centrifugal/ Non-Clogging		Submersible	
Pump Brand		KSB		KSB	
Pump Paint		ok		ok	
Motor Brand		Siemens		Siemens	
Installation Year of Pump		1990		1990	
Discharge Capacity (Cusecs)		1		2	
Rotational Speed (RPM)		950		950	
Head (ft.)		50		50	
Motor Power (HP)		15		25	
Pump Daily Running Time (Hours)		7		7	
Base Plate		Yes	No	Yes	No
Number of Valves	Sluice Valve	3			
	Non-Returning Valve	2			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> No remarks 					
Data Collected By: Mr. Haroon		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. Muddasir Alvi		Designation: Team Lead			

Integrated Development and Asset Management Plan (IDAMP)		
		 Sign & Date: 30 May 2023

C. Vehicles/ Machinery

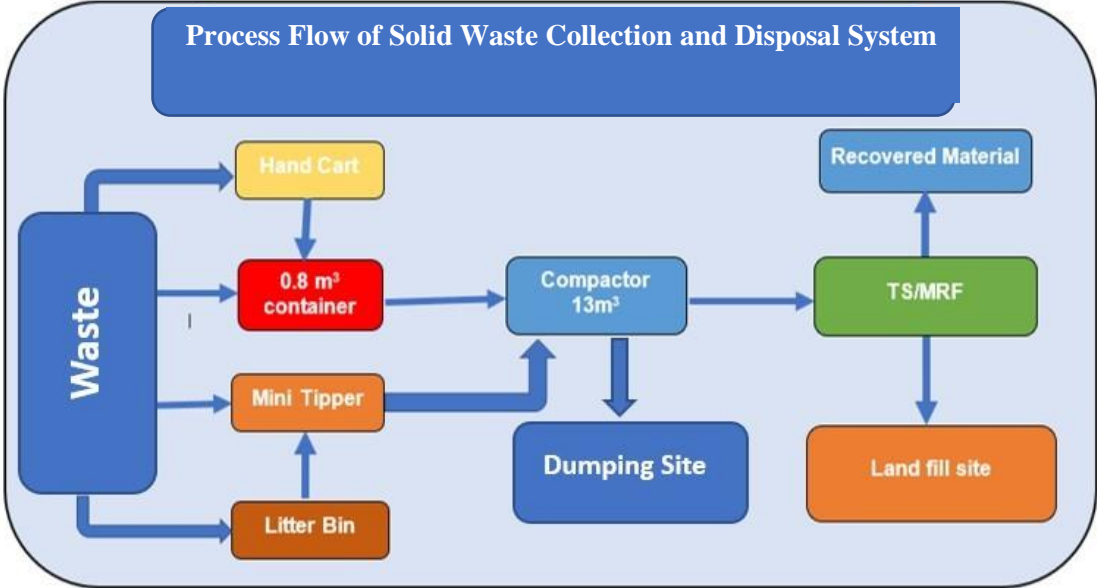
Sr #	Name	Registration Number	Age (Years)	Capacity	Condition	Status	Book Value (PKR Million)
1	Jetting Machine	Not Available	Not Available	4400cc,4500Liters	Fair	Functional	1.1
2	Sucker Machine	Not Available	Not Available	4400cc,4500Liters	Fair	Functional	1.1
3	Winching Machine	Not Available	3	4400cc	Fair	Functional	0.2
4	Dewatering set (6nos.)	Not Applicable	10	Not Available	Fair	Functional	Not Available
5	Shoulder Foggers (5 nos.)	Not Applicable	10	Not Available	Fair	Functional	Not Available
6	Spray Pumps (10 nos.)	Not Applicable	10	Not Available	Fair	Functional	Not Available
7	Safety Gear	Not Applicable					

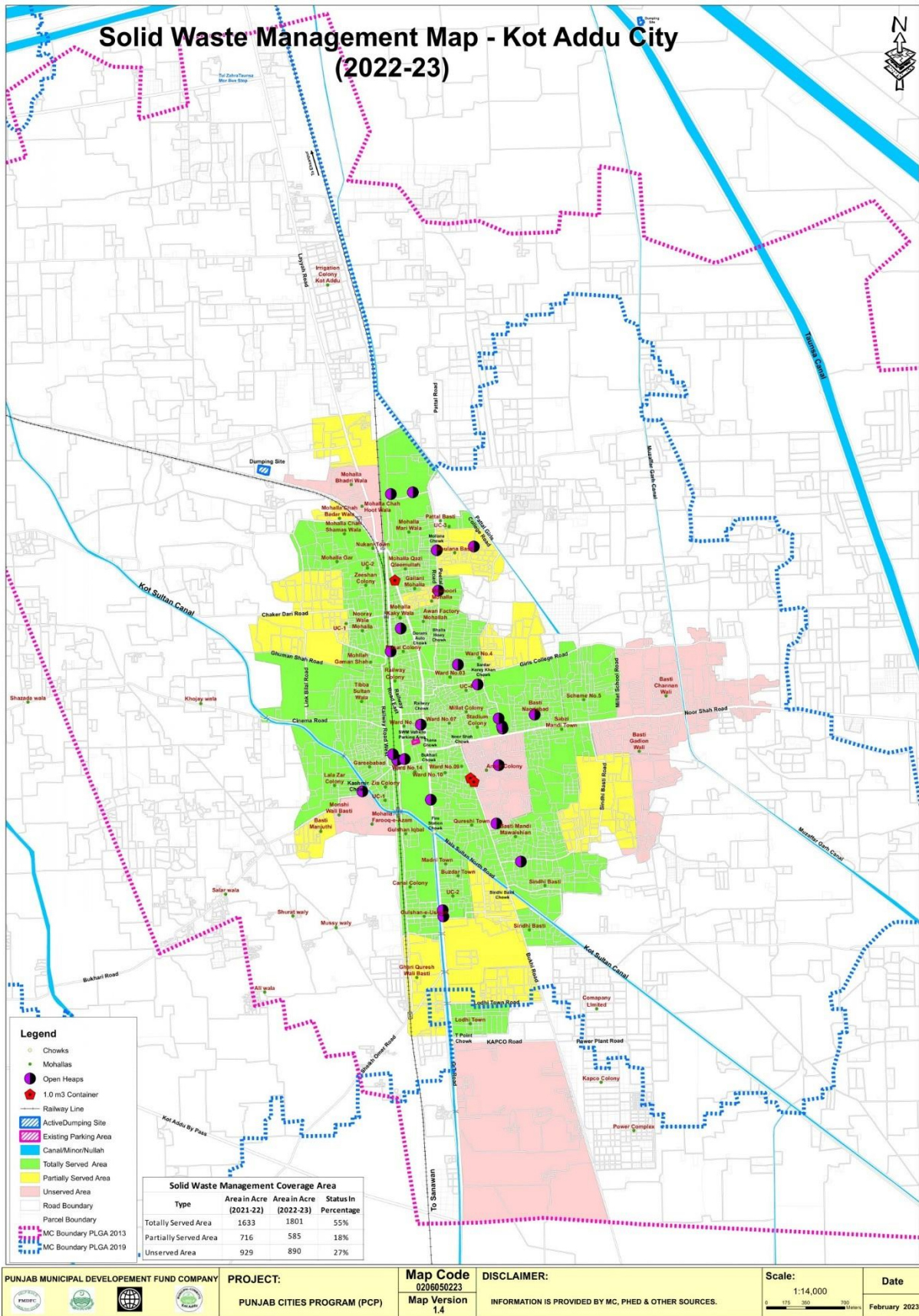
Integrated Development and Asset Management Plan (IDAMP)			
Municipal Committee Kot Addu			
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment		Asset Code: _____ Date: _____
Type of Vehicle / Machinery	Pictures		
Jetting, Sucker & Winching Machine			
	Jetting Machine	Sucker Machine	Winching Machine
Capacity	4500 Liters	4500 Liters	
Purpose	Jetting	Suction	Winching
Year of Manufacturing	Not Available	Not Available	2020
Model	Not Available	Not Available	Not Available
Capital Cost			
Fuel Consumption	Not Available	Not Available	Not Available
Condition	Fair	Fair	Fair
Engine Capacity	4400cc	4400cc	4400cc
Maintenance Cost	Not Available	Not Available	Not Available
Oiling /Fitness	Yes	Yes	Yes
Fitness Certificate	No	No	No
Registered	Not Available	Not Available	Not Available
Overall Rating	Fair	Fair	Fair
Remarks / Requirements			
<ul style="list-style-type: none"> No remarks 			
<i>Data Collected By: Mr. Haroon</i>	<i>Designation: Team Member</i>	 <i>Sign & Date: 30 May 2023</i>	
<i>Data Checked By: Mr. Muddasir Alvi</i>	<i>Designation: Team Lead</i>		

		<p><i>MArbi</i> Sign & Date: 30 May 2023</p>
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3. Solid Waste Management

Key Components of a Solid waste management System





PROJECT:
PUNJAB CITIES PROGRAM (PCP)

Map Code
020605023

Map Version
1.4

DISCLAIMER:
INFORMATION IS PROVIDED BY MC, PHED & OTHER SOURCES.

Scale:
1:14,000

Date
February 2023


A. Vehicles/ Machinery



Sr #	Name	No.	Registration Number	Age (Years)	Capacity	Condition	Status	Book Value (PKR Million)
1	Tractor MF 240	1	MH-5266	43	50 HP	Poor	Functional	0.1
2	Tractor MF 240	1	CHC-3802	30	35 HP	Fair	Functional	0.15
3	Tractor MF 240	1	CHC-3828	17	85 HP	Fair	Functional	0.2
4	Tractor (Front End Loader)	1	Not Available	17	60 HP	Fair	Functional	0.2
5	Tractor SNH 304	1	Not Available	17	60 HP	Fair	Functional	0.2
6	Tractor John Deere 720	1	Not Available	12	50 HP	Fair	Functional	0.2
7	Tractor John Deere 720	1	Not Available	12	50 HP	Fair	Functional	0.2
8	Tractor MF 385 (Front End Loader)	1	Not Available	1	50 HP	Good	Functional	1.1
9	Tractor (Front End Loader)	1	Not Available	1	50 HP	Good	Functional	1.1
10	Trolley 1	1	Not Applicable	Not Available	5m ³	Fair	Functional	0.2
11	Trolley 2	1	Not Applicable	Not Available	5m ³	Fair	Functional	0.2
12	Trolley 3	1	Not Applicable	Not Available	5m ³	Fair	Functional	0.2
13	Trolley 4	1	Not Applicable	Not Available	5m ³	Fair	Functional	0.2
14	Trolley 5	1	Not Applicable	Not Available	5m ³	Fair	Functional	0.2
15	Qingqi Motor Cycle	1	Not Available	Not Available	70cc	Fair	Functional	0.05
16	Lifter Carrier 1	1	Not Applicable	Not Available	Not Available	Fair	Functional	0.5
17	Lifter Carrier 2	1	Not Applicable	Not Available	Not Available	Poor	Functional	0.5
18	Rickshaw Loader 1	1	Not Available	5	100cc	Fair	Functional	0.1
19	Rickshaw Loader 2	1	Not Available	5	100cc	Fair	Functional	0.1
20	Rickshaw Loader 3	1	Not Available	5	100cc	Fair	Functional	0.1
21	Rickshaw Loader 4	1	Not Available	5	100cc	Fair	Functional	0.1


22	Rickshaw Loader 5	1	Not Available	5	100cc	Fair	Functional	0.1
23	Rickshaw Loader 6	1	Not Available	5	100cc	Fair	Functional	0.1
24	Rickshaw Loader 7	1	Not Available	5	100cc	Fair	Functional	0.1
25	Rickshaw Loader 8	1	Not Available	5	100cc	Fair	Functional	0.1
26	Rickshaw Loader 9	1	Not Available	5	100cc	Fair	Functional	0.1
27	Rickshaw Loader 10	1	Not Available	5	100cc	Fair	Functional	0.1
28	Rickshaw Loader 11	1	Not Available	5	100cc	Fair	Functional	0.1
29	Rickshaw Loader 12	1	Not Available	5	100cc	Fair	Functional	0.1
30	Rickshaw Loader 13	1	Not Available	6	100cc	Fair	Functional	0.1
31	Rickshaw Loader 14	1	Not Available	6	100cc	Fair	Functional	0.1
32	Rickshaw Loader 15	1	Not Available	6	100cc	Fair	Functional	0.1
33	Rickshaw Loader 16	1	Not Available	6	100cc	Fair	Functional	0.1
34	Rickshaw Loader 17	1	Not Available	6	100cc	Fair	Functional	0.1
35	Rickshaw Loader 18	1	Not Available	6	100cc	Fair	Functional	0.1
36	Rickshaw Loader 19	1	Not Available	6	100cc	Fair	Functional	0.1
37	Rickshaw Loader 20	1	Not Available	6	150cc	Fair	Functional	0.1
38	Rickshaw Loader 21	1	Not Available	6	150cc	Fair	Functional	0.1
39	Rickshaw Loader 22	1	Not Available	6	150cc	Fair	Functional	0.1
40	Rickshaw Loader 23	1	Not Available	6	150cc	Fair	Functional	0.1
41	Rickshaw Loader 24	1	Not Available	6	150cc	Fair	Functional	0.1
42	Mechanical Sweeper	1	Not Applicable	3	Not Available	Good	Functional	1.1

43	Back hoe Machine	1	Not Available	3	Not Available	Good	Functional	0.7
44	Mini Tipper 1	1	Not Available	1	660cc	Good	Functional	1.3
45	Mini Tipper 2	1	Not Available	1	660cc	Good	Functional	1.3
46	Mini Tipper 3	1	Not Available	1	660cc	Good	Functional	1.3
47	Mini Tipper 4	1	Not Available	1	660cc	Good	Functional	1.3
48	SWM containers (12 nos.)	12	Not Applicable	1	5 m3	Fair	Functional	
49	Garbage Compactor 8 cubic meter capacity	4	Not Available	1	8 cubic meter	Excellent	Functional	9.50
50	Front Blade Tractor 4WD	1	Not Available	1	Not Available	Excellent	Functional	2.38
51	Front End Loader 4WD	1	Not Available	1	Not Available	Excellent	Functional	2.88
52	Mini Tipper 1 cubic meter	4	Not Available	1	1 cubic meter	Excellent	Functional	1.67
53	Garbage Container 0.8 cubic meter capacity	264	Not Available	1	.8 cubic meter	Excellent	Functional	0.07
54	Water truck with spray system	2	Not Available	1	Not Available	Excellent	Functional	7.47
55	Dump Truck 5 cubic meter	2	Not Available	1	5 cubic meter	Excellent	Functional	7.92
56	Motor Cycle 70	2	Not Available	1	70cc	Excellent	Functional	0.09
57	Three Wheel conventional handcarts	153	Not Available	1	Not Available	Excellent	Functional	0.05
58	Three Wheel handcarts with adjustable height compatible with 8.0 cubic meter container	17	Not Available	1	8 cubic meter	Excellent	Functional	0.06


Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Kot Addu					
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Type of Vehicle / Machinery			Pictures		
Tractor					
	Tractor 1	Tractor 2	Tractor 3	Tractor 4	Tractor 5
Capacity	50 HP	35 HP	85 HP	60 HP	60 HP
Purpose	Solid Waste	Solid Waste	Solid Waste	Solid Waste	Solid Waste
Year of Manufacturing	1980	1993	2006	2006	2006
Model	MF 240	FIAT NH-304	MF 385	FIAT NH-304	MF240
Capital Cost					
Fuel Consumption (Liters/Month)	Not available	Not available	445	460	460
Condition					
Engine Capacity	50hp	35 hp	85 HP	60 HP	60 HP
Maintenance Cost	Not available	Not available	Not available	Not available	Not available
Oiling /Fitness	Yes	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No	No
Registered	MH-5266	CHC-3802	CHC-3828	Not available	MHD 2564
Overall Rating	Poor	Fair	Fair	Fair	Fair
•					
<i>Data Collected By: Mr. Haroon</i>		<i>Designation: Team Member</i>		 <i>Sign & Date: 30 May 2023</i>	
<i>Data Checked By: Mr. Muddasir Alvi</i>		<i>Designation: Team Lead</i>			

		 Sign & Date: 30 May 2023
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Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Kot Addu				
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment		Asset Code: _____ Date: 02-05-2023	
Type of Vehicle / Machinery			Pictures	
Tractor			b 	
	Tractor John Deere 720	Tractor John Deere 720	Tractor MF 385 (Front End Loader)	Tractor (Front End Loader)
Capacity	50 HP	50 HP	50 HP	50 HP
Purpose	Solid Waste	Solid Waste	Solid Waste	Solid Waste
Year of Manufacturing	2011	2011	2022	2022
Model	John Deere 720	John Deere 720	MF 385	MF 385
Capital Cost				
Fuel Consumption (Liters/Month)	476	445	724	445
Condition	Fair	Fair	Good	Good
Engine Capacity	50 HP	50 HP	50 HP	50 HP
Maintenance Cost	Not available	Not available	Not available	Not available
Oiling /Fitness	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No
Registered	Not available	Not available	MHD 2563	MHD 2565
Overall Rating	Fair	Fair	Good	Good
•				
Data Collected By: Mr. Haroon		Designation: Team Member		



		Sign & Date: 30 May 2023
Data Checked By: Mr. Muddasir Alvi	Designation: Team Lead	 Sign & Date: 30 May 2023


Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Kot Addu					
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Type of Vehicle / Machinery			Pictures		
Loader Rickshaw					
	Loader Rickshaw 1	Loader Rickshaw 2	Loader Rickshaw 3	Loader Rickshaw 4	Loader Rickshaw 5
Capacity	1.5 m3	1.5 m3	1.5 m3	1.5 m3	1.5 m3
Purpose	Solid waste	Solid waste	Solid waste	Solid waste	Solid waste
Year of Manufacturing	2018	2018	2018	2018	2018
Model	CD100 Q	CD100 Q	CD100 Q	CD100 Q	CD100 Q
Capital Cost					
Fuel Consumption (Liters/Month)	79	79	78	79	79
Condition	Fair	Fair	Fair	Fair	Fair
Engine Capacity	100cc	100cc	100cc	100cc	100cc
Maintenance Cost	Not available	Not available	Not available	Not available	Not available
Oiling /Fitness	Yes	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No	No
Registered	Not available	Not available	Not available	Not available	Not available
Overall Rating	Fair	Fair	Fair	Fair	Fair
•					
Data Collected By: Mr. Haroon		Designation: Team Member		 Sign & Date: 30 May 2023	



<p>Data Checked By: Mr. Muddasir Alvi</p>	<p>Designation: Team Lead</p>	<p> Sign & Date: 30 May 2023</p>
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Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Kot Addu					
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Type of Vehicle / Machinery			Pictures		
Loader Rickshaw					
	Rickshaw Loader 6	Rickshaw Loader 7	Rickshaw Loader 8	Rickshaw Loader 9	Rickshaw Loader 10
Capacity	1.5 m3	1.5 m3	1.5 m3	1.5 m3	1.5 m3
Purpose	Solid waste	Solid waste	Solid waste	Solid waste	Solid waste
Year of Manufacturing	2018	2018	2018	2018	2018
Model	CD100 Q	CD100 Q	CD100 Q	CD100 Q	CD100 Q
Capital Cost					
Fuel Consumption (Liters/Month)	79	79	78	79	79
Condition	Fair	Fair	Fair	Fair	Fair
Engine Capacity	100cc	100cc	100cc	100cc	100cc
Maintenance Cost	Not available	Not available	Not available	Not available	Not available
Oiling /Fitness	Yes	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No	No
Registered	Not available	Not available	Not available	Not available	Not available
Overall Rating	Fair	Fair	Fair	Fair	Fair
•					
Data Collected By: Mr. Haroon		Designation: Team Member		 Sign & Date: 30 May 2023	

<p>Data Checked By: Mr. Muddasir Alvi</p>	<p>Designation: Team Lead</p>	 Sign & Date: 30 May 2023
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Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Kot Addu					
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Type of Vehicle / Machinery			Pictures		
Loader Rickshaw					
	Rickshaw Loader 11	Rickshaw Loader 12	Rickshaw Loader 13	Rickshaw Loader 14	Rickshaw Loader 15
Capacity	1.5 m3	1.5 m3	1.5 m3	1.5 m3	1.5 m3
Purpose	Solid waste	Solid waste	Solid waste	Solid waste	Solid waste
Year of Manufacturing	2018	2018	2017	2017	2017
Model	CD100 Q	CD100 Q	CD100 Q	CD100 Q	CD100 Q
Capital Cost					
Fuel Consumption (Liters/Month)	79	79	78	79	78
Condition	Fair	Fair	Fair	Fair	Fair
Engine Capacity	100cc	100cc	100cc	100cc	100cc
Maintenance Cost	Not available	Not available	Not available	Not available	Not available
Oiling /Fitness	Yes	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No	No
Registered	Not available	Not available	Not available	Not available	Not available
Overall Rating	Fair	Fair	Fair	Fair	Fair
•					
Data Collected By: Mr. Haroon		Designation: Team Member		 Sign & Date: 30 May 2023	

<p>Data Checked By: Mr. Muddasir Alvi</p>	<p>Designation: Team Lead</p>	 Sign & Date: 30 May 2023
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Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Kot Addu				
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment		Asset Code: _____ Date: 02-05-2023	
Type of Vehicle / Machinery		Pictures		
Loader Rickshaw				
	Rickshaw Loader 16	Rickshaw Loader 17	Rickshaw Loader 18	Rickshaw Loader 19
Capacity	1.5 m3	1.5 m3	1.5 m3	1.5 m3
Purpose	Solid waste	Solid waste	Solid waste	Solid waste
Year of Manufacturing	2017	2017	2017	2017
Model	CD100 Q	CD100 Q	CD100 Q	CD100 Q
Capital Cost				
Fuel Consumption (Liters/Month)	79	79	78	78
Condition	Fair	Fair	Fair	Fair
Engine Capacity	100cc	100cc	100cc	100cc
Maintenance Cost	Not available	Not available	Not available	Not available
Oiling /Fitness	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No
Registered	Not available	Not available	Not available	Not available
Overall Rating	Fair	Fair	Fair	Fair
•				
Data Collected By: Mr. Haroon		Designation: Team Member		 Sign & Date: 30 May 2023
Data Checked By: Mr. Muddasir Alvi		Designation: Team Lead		




		<p style="text-align: center;"></p> <p>Sign & Date: 30 May 2023</p>
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Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Kot Addu					
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Type of Vehicle / Machinery			Pictures		
Loader Rickshaw					
	Rickshaw Loader 20	Rickshaw Loader 21	Rickshaw Loader 22	Rickshaw Loader 23	Rickshaw Loader 24
Capacity	1.5 m3	1.5 m3	1.5 m3	1.5 m3	1.5 m3
Purpose	Solid waste	Solid waste	Solid waste	Solid waste	Solid waste
Year of Manufacturing	2017	2017	2017	2017	2017
Model	RP150-LD	RP150-LD	RP150-LD	RP150-LD	RP150-LD
Capital Cost					
Fuel Consumption (Liters/Month)	79	79	78	79	79
Condition	Fair	Fair	Fair	Fair	Fair
Engine Capacity	150cc	150cc	150cc	150cc	150cc
Maintenance Cost	Not available	Not available	Not available	Not available	Not available
Oiling /Fitness	Yes	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No	No
Registered	Not available	Not available	Not available	Not available	Not available
Overall Rating	Fair	Fair	Fair	Fair	Fair
•					
Data Collected By: Mr. Haroon		Designation: Team Member		 Sign & Date: 30 May 2023	

<p>Data Checked By: Mr. Muddasir Alvi</p>	<p>Designation: Team Lead</p>	 Sign & Date: 30 May 2023
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Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Kot Addu				
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment		Asset Code: _____ Date: 02-05-2023	
Type of Vehicle / Machinery		Pictures		
Mini Tipper				
	Mini Tipper 1	Mini Tipper 2	Mini Tipper 3	Mini Tipper 4
Capacity	1 m3	1 m3	1 m3	1 m3
Purpose	Solid waste	Solid waste	Solid waste	Solid waste
Year of Manufacturing	2022	2022	2022	2022
Model	Not available	Not available	Not available	Not available
Capital Cost				
Fuel Consumption (Liters/Month)	Not available	Not available	Not available	Not available
Condition	Good	Good	Good	Good
Engine Capacity	660cc	660cc	660cc	660cc
Maintenance Cost	Not available	Not available	Not available	Not available
Oiling /Fitness	Yes	Yes	Yes	Yes
Fitness Certificate	No	No	No	No
Registered	Not available	Not available	Not available	Not available
Overall Rating	Good	Good	Good	Good
•				
Data Collected By: Mr. Haroon		Designation: Team Member		 Sign & Date: 30 May 2023
Data Checked By: Mr. Muddasir Alvi		Designation: Team Lead		

		<p><i>MArbi</i> Sign & Date: 30 May 2023</p>
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Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Kot Addu		
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment	Asset Code: _____ Date: 02-05-2023
Type of Vehicle / Machinery	Pictures	
Mechanical Sweeper		
	Mechanical Sweeper	
Capacity	50hp	
Purpose	Solid waste	
Year of Manufacturing	2020	
Model	MF 240	
Capital Cost		
Fuel Consumption (Liters/Month)	Not available	
Condition	Good	
Engine Capacity	50hp	
Maintenance Cost	Not available	
Oiling /Fitness	Yes	
Fitness Certificate	No	
Registered	Not available	
Overall Rating	Good	
•		
Data Collected By: Mr. Haroon	Designation: Team Member	 Sign & Date: 30 May 2023
Data Checked By: Mr. Muddasir Alvi	Designation: Team Lead	 Sign & Date: 30 May 2023



Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Kot Addu		
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment	Asset Code: _____ Date: 02-05-2023
Type of Vehicle / Machinery	Pictures	
Back Hoe Machine		
	Back Hoe Machine	
Capacity	4400cc	
Purpose	Solid waste	
Year of Manufacturing	2020	
Model	Not available	
Capital Cost		
Fuel Consumption (Liters/Month)	Not available	
Condition	Good	
Engine Capacity	4400cc	
Maintenance Cost	Not available	
Oiling /Fitness	Yes	
Fitness Certificate	No	
Registered	Not available	
Overall Rating	Good	
•		
Data Collected By: Mr. Haroon	Designation: Team Member	 Sign & Date: 30 May 2023
Data Checked By: Mr. Muddasir Alvi	Designation: Team Lead	 Sign & Date: 30 May 2023

4. Buildings

A. Offices



Sr #	Name	Age (Years)	Area (Acre)	Condition	Status	Book Value (PKR Million)
1	MC Office	85	0.67	Fair	Functional	53



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Kot Addu					
Form: IDAMP-A14	Building Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Name		MC Office		Pictures	
Location	Latitude	30.4691			
	Longitude	70.9635			
Address					
Year of Construction		1938			
Land Area (Acres)		0.67			
No. of Stories		1			
Condition		Fair			
Purpose		Administration			
No. of Staff					
No. of Rooms					
Conference/Meeting Room		Yes	No		
Store Room		Yes	No		
Study Room/Book Shelf		Yes	No		
Boundary Wall		Yes	No		
Heating & Cooling Arrangement		Yes	No		
Parking Lots		Yes	No		
Drinking Water Facilities		Yes	No		
Availability and quality of water (based on available water quality test reports)		Yes	No		
Washrooms / Sewerage System		Yes	No		
Separate Washroom for Ladies		Yes	No		
Prayers Area/room		Yes	No		
Furniture		Yes	No		
Electric Appliances (Fans Etc.)		Yes	No		
Machinery & Equipment		Yes	No		
Sports Club		Yes	No		
Staff Attendance System		Yes	No		
Emergency Alarm System		Yes	No		
Fire Fighting System / Equipment		Yes	No		
Ramps for wheel chairs at entry gate		Yes	No		
Security Guard		Yes	No		
Park/lawn outdoor/indoor plantation		Yes	No		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Kot Addu		
Form: IDAMP-A14	Building Asset Condition Assessment	Asset Code: _____ Date: 02-05-2023
<ul style="list-style-type: none"> No remarks 		
Data Collected By: Mr. Haroon	Designation: Team Member	 Sign & Date: 30 May 2023
Data Checked By: Mr. Muddasir Alvi	Designation: Team Lead	 Sign & Date: 30 May 2023

B. Library

Sr #	Name	Age (Years)	Area (Acre)	Condition	Status
1	MC Library	61	0.03	Failing	Functional

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Kot Addu					
Form: IDAMP-A14		Building Asset Condition Assessment			Asset Code: _____
					Date: 02-05-2023
Name		MC Library		Pictures	
Location	Latitude	30.4666		 	
	Longitude	70.9648			
Address					
Year of Construction		1962			
Land Area (Acres)		0.03			
No. of Stories		1			
Condition		Failing			
Purpose		Library			
No. of Staff					
No. of Rooms		02			
Conference/Meeting Room		Yes	No		
Store Room		Yes	No		
Study Room/Book Shelf		Yes	No		
Boundary Wall		Yes	No		
Heating & Cooling Arrangement		Yes	No		
Parking Lots		Yes	No		
Drinking Water Facilities		Yes	No		
Availability and quality of water (based on available water quality test reports)		Yes	No		
Washrooms / Sewerage System		Yes	No		
Separate Washroom for Ladies		Yes	No		
Prayers Area/room		Yes	No		
Furniture		Yes	No		
Electric Appliances (Fans Etc.)		Yes	No		
Machinery & Equipment		Yes	No		
Sports Club		Yes	No		
Staff Attendance System		Yes	No		
Emergency Alarm System		Yes	No		
Fire Fighting System / Equipment		Yes	No		
Ramps for wheel chairs at entry gate		Yes	No		
Security Guard		Yes	No		
Park/lawn outdoor/indoor plantation		Yes	No		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Kot Addu		
Form: IDAMP-A14	Building Asset Condition Assessment	Asset Code: _____ Date: 02-05-2023
Remarks / Requirements		
<ul style="list-style-type: none"> No remarks 		
Data Collected By: Mr. Haroon	Designation: Team Member	 Sign & Date: 30 May 2023
Data Checked By: Mr. Muddasir Alvi	Designation: Team Lead	 Sign & Date: 30 May 2023

C. Shops

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
1	11007	Municipal Plaza MC Office Shop 7	30.469145	70.96390167	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Rasheed	ac, fridge repairing
2	13087033	Inside GBS Shop 35	30.46560833	70.96518667	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Moosa Khan	Adil shah transportation office
3	2087001	Tiba City Shop 1	30.471345	70.96517667	88	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Salam Ud Din	Baby Cycle Shop
4	3087010	Iqbal Park Shop 25	30.466385	70.96549667	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Ashraf Ali	bakers
5	10087001	Pattal Road	30.47919833	70.96674833	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Talib Hussain	Bakery
6	13087032	Inside GBS Shop 34	30.46560667	70.964955	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Dilawar	baloch transport office
7	5087011	Near Civil Court Shop 17	30.46491833	70.96558	133	1	Commercial	Not Owned/ But Managed	No	No	Rented/Leased	Good	Allah Dewaya	barber shop
8	5087023	Near Civil Court Shop 29	30.46442333	70.96560833	68	1	Commercial	Not Owned/ But Managed	No	No	Rented/Leased	Good	Shoukat Pervaiz given shop no is	biryani

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
													wrong its 30	
9	4087010	Outside GBS Shop 10	30.46565	70.96557333	121	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Ghulam Abbas	biryani shop
10	2087006	Tiba City Shop 6	30.471225	70.96514667	57	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	next to rent	book buinding
11	2087017	Tiba City Shop 17	30.47067167	70.96512667	45	1	Commercial	Not Owned/ But Managed	No	No	Rented/Leased	Good	Ghulam Nabi	book center
12	2087018	Tiba City Shop 18	30.47072167	70.96509333	66	1	Commercial	Not Owned/ But Managed	No	No	Rented/Leased	Good	Abdul Rasheed	book center
13	2087014	Tiba City Shop 14	30.470705	70.96514667	60	1	Commercial	Not Owned/ But Managed	No	No	Rented/Leased	Good	Allah Bukhsh	Book Centre
14	2087015	Tiba City Shop 15	30.47070833	70.96515333	45	1	Commercial	Not Owned/ But Managed	No	No	Rented/Leased	Good	Allah Bukhsh	Book Centre
15	2087012	Tiba City Shop 12	30.47074667	70.96513333	33	1	Commercial	Not Owned/ But Managed	No	No	Rented/Leased	Good	Sagheer Ahmad	Boucher Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
16	2087016	Tiba City Shop 16	30.470685	70.96518667	45	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Allah Ditta	Boucher Shop
17	2087020	Tiba City Shop 20	30.47064	70.96513333	38	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhamma d Ikram	Boucher Shop
18	7002	GT Road Near Galla Mandi Shop 2	30.4755	70.96448	353	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Abdul Basit	cement
19	3087006	Iqbal Park Shop 20	30.46644667	70.96550333	272	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Riaz Ahmad	chick is shop
20	6087006	Municipal Stadium Shop 6	30.46843833	70.97879333	816	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	next to rent to mr mobin	chicken shop also 6 marla house
21	11019	Municipal Plaza MC Office Shop 20	30.46909667	70.96384833	363	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Mahar Riaz Hussain	closed
22	9013	Bukhi Road Near Cattle Market Shop 13	30.46067667	70.970885	136	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	sale to next close shope	closed

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
23	9004	Bukhi Road Near Cattle Market Shop 4	30.4608	70.97068	136	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Manzoor Hussain sealed by MC	closed
24	9006	Bukhi Road Near Cattle Market Shop 6	30.46079	70.970685	136	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Fida Hussain sealed by mc	closed
25	9009	Bukhi Road Near Cattle Market Shop 9	30.46076	70.97069167	136	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Ehtasham Ul Haq sealed by mc	closed
26	9010	Bukhi Road Near Cattle Market Shop 10	30.46073	70.97068833	136	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Ayoub sealed by mc	closed
27	9011	Bukhi Road Near Cattle Market Shop 11	30.46068333	70.97076167	136	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Abdul Raheem sealed by mc	closed
28	9005	Bukhi Road Near Cattle Market Shop 5	30.46085333	70.97077	136	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Shamim sealed by mc	closed
29	9008	Bukhi Road Near Cattle Market Shop 8	30.460745	70.97087167	136	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Javaid Ijaz sealed by mc	closed

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
30	5087025	Near Civil Court Shop 31	30.46486167	70.96559667	110	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	next to rent, not known given shop no is wrong its32	closed
31	12087004	Inside Wagon Stand Shop 4	30.46547667	70.96437667	388	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Rana Muhammad Imran sealed by mc given shop no is wrong its5	closed
32	9007	Bukhi Road Near Cattle Market Shop 7	30.46085167	70.97085667	136	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Zain Ud Din sealed by mc	closed
33	12001	Wagon Adda Shop No.01	30.465545	70.964435	272	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	next to rent mr muzamil	closed, empty
34	2087024	Tiba City Shop 24	30.47053667	70.96522833	115	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Gul Raheem	Cloth House
35	3087025	Iqbal Park Shop 14	30.46672333	70.965495	272	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Abdul Ghaffar	cloth shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
36	5087026	Near Civil Court Shop 32	30.46448	70.96556333	96	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	next to rent mr fiaz given shop no is wrong its 33	cloth shop
37	4087009	Outside GBS Shop 9	30.465685	70.96553333	131	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Zaffar Iqbal	cloth shop store
38	7009	GT Road Near Galla Mandi Shop 9	30.47550333	70.96438667	353	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Tariq Mehmood	cold drink corner
39	3087023	Iqbal Park Shop 12	30.46676667	70.96548333	272	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	next to rent adnan	compositing
40	2087013	Tiba City Shop 13	30.47074833	70.96515833	33	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Arif Mansoor	composition
41	2087022	Tiba City Shop 22	30.47062333	70.96514167	24	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Ghulam Shabbir	composition
42	11013	Municipal Plaza MC	30.46906667	70.96391333	363	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Ashiq Rasool	Computer Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
		Office Shop 14												
43	11014	Municipal Plaza MC Office Shop 15	30.4691	70.96389167	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Hussain	Computer Shop
44	11016	Municipal Plaza MC Office Shop 17	30.46914	70.96385667	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	next to rent	Computer Shop
45	11005	Municipal Plaza MC Office Shop 5	30.46933667	70.963945	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Rana Muhammadhabbir	Computer s Shop
46	11009	Municipal Plaza MC Office Shop 9	30.469065	70.96393	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Waseem Ikhlaq	Computer s Shop
47	11002	Municipal Plaza MC Office Shop 2	30.469305	70.96377833	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Riaz Hussain	cycle shop
48	2087002	Tiba City Shop 2	30.47125667	70.96518833	148	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Munshi Khan	Cycle Shop
49	5087035	Near Civil Court Shop 6	30.46530833	70.96550667	136	1	Commercial	Not Owned/ But Managed	No	No	Rented/Leased	Good	Allah Ditta	cycle shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
50	2087009	Tiba City Shop 9	30.47081667	70.96512333	72	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Atiq Ur Rehman	Drink Corner
51	2087011	Tiba City Shop 11	30.470775	70.96511333	33	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	next to rent	Drink Corner
52	12087005	Inside Wagon Stand Shop 5	30.46542333	70.964435	388	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamma d Afzal given shop no is wrong its 6	drink corner
53	13001	Androon Bus Adda Shop No.39	30.46554667	70.96495333	272	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamma d Nadeem	drink Corner
54	12087003	Inside Wagon Stand Shop 3	30.46546167	70.964435	388	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	next to rent,given shop no is wrong its4	drink cronor store
55	3087024	Iqbal Park Shop 27	30.46712333	70.96527667	272	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamma d Asghar	dry clean
56	8002	Near North Railway	30.48241	70.96236167	169	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamma d Ijaz	dry fruits

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
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SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
		Crossing Shop 1												
57	4087011	Outside GBS Shop 11	30.46558333	70.965475	119	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhamma d Yameen	dry fruits
58	5087031	Near Civil Court Shop 1	30.46544167	70.96549667	73	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhamma d Ismaeel	electric repairing
59	6087001	Municipal Stadium Shop 3	30.46743	70.97107	272	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamma d Haroon	Electric repairing shop shop
60	3087002	Iqbal Park Shop 24	30.466435	70.96551167	272	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamma d Yamin	electric bill shop
61	8003	Near North Railway Crossing Shop 2	30.48239833	70.96235	272	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Zaka Ullah	electric shop
62	8001	Shumali Phatak Shop No.03	30.48475667	70.96080667	2000	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Excellent	next to rent,, tariq mahmood sub division in	Engineeri ng Workshop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
													2 hall 1 shop	
63	5087010	Near Civil Court Shop 16	30.46497833	70.96552667	133	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Ghulam Murtaza	Fish Shop
64	5087008	Near Civil Court Shop 14	30.46500167	70.96557833	142	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Ghulam Hussain	fish shop
65	5002	Near Civil Court Shop No.37	30.46506833	70.965545	72	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Abdul Sattar Muhammad Akram	Fish Shop
66	5087004	Near Civil Court Shop 10	30.46520333	70.96556333	136	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Sajid Ali	Fish Shop
67	5087003	Near Civil Court Shop 9	30.465145	70.96550833	114	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	ashiaq hussain sale to zubair	Fish Shop
68	5087002	Near Civil Court Shop 8	30.46523167	70.96552167	123	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhamma d Rafique	fish shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
69	3087028	Iqbal Park Shop 28	30.46635167	70.96552667	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Haroon	freshco bakers
70	3087026	Iqbal Park Shop 16	30.46662167	70.96549833	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Yasin	fruit shops
71	3087016	Iqbal Park Shop 6	30.46693333	70.965405	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Zikriya	fruit juice
72	1008	Railway Road MC Office Shop 9	30.46927	70.96316833	363	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Liaqat Hussain	Fruit Shop
73	3087014	Iqbal Park Shop 4	30.46699667	70.96545667	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Ali Abbas	fruit shop
74	5087013	Near Civil Court Shop 19	30.46483667	70.96556167	96	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	next to rent, closed, mazhar advocate.	fruit shop
75	3087022	Iqbal Park Shop 11	30.46678833	70.96544167	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Salah Ud Din	fruit shope
76	3087021	Iqbal Park Shop 10	30.46681167	70.96543	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Sabir Ali	fruit shopes
77	7003	GT Road Near Galla Mandi Shop 3	30.47534833	70.96444167	353	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Khalid Mehmood	fertilizer shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
78	12087001	Inside Wagon Stand Shop 1	30.465525	70.96440833	388	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	next to rent, M Muzamil	gass filling
79	5087015	Near Civil Court Shop 21	30.46465667	70.965555	71	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	next to rent haris gass filling	gass filling shop, and chicks shop
80	3087019	Iqbal Park Shop 9	30.46683167	70.96543333	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Abdul Khaliq	general sotre
81	7001	GT Road Near Galla Mandi Shop 1	30.47553333	70.96437833	353	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Ramzan	General store
82	4087005	Outside GBS Shop 5	30.46586833	70.96550667	135	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	Khalil Ur Rehman	General store
83	3087009	Iqbal Park Shop 13	30.46674667	70.96548167	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Yasin	general store
84	2087003	Tiba City Shop 3	30.47125167	70.96523833	148	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Ilyas	Generator Repair Shop
85	2087004	Tiba City Shop 4	30.47123	70.9652	148	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Ilyas	Generator Repair Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
86	11006	Municipal Plaza MC Office Shop 6	30.46928833	70.96412	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Rana Muhammad Iqbal	genral stor whole salee
87	9001	Bukhi Road Near Cattle Market Shop 1	30.460305	70.97085333	136	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	next to rent wajid ali	grass shop
88	9003	Bukhi Road Near Cattle Market Shop 3	30.460365	70.97093	136	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Wajid Hussain	grass shop for cattle
89	13087008	Inside GBS Shop 10	30.46589667	70.96512667	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Abdul Majeed	Hair Saloon
90	13087009	Inside GBS Shop 11	30.46591833	70.96517833	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Ranjha	Hair Saloon
91	13087014	Inside GBS Shop 16	30.46587167	70.96497	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Basheer Ahmad	Hair Saloon
92	13087015	Inside GBS Shop 17	30.46584333	70.96498667	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Ghulam Shabbir	Hair Saloon
93	13003	Inside GBS Shop 1	30.465615	70.96534167	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Pervaiz Iqbal	Hair Saloon
94	5087034	Near Civil Court Shop 5	30.46534333	70.96550333	129	1	Commercial	Not Owned/ But Managed	No	No	Rented/Leased	Good	Allah Ditta	Hair Saloon

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
95	5087032	Near Civil Court Shop 3	30.46541833	70.965515	110	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Abdul Rauf	Hair Saloon
96	5087033	Near Civil Court Shop 4	30.465425	70.96555833	134	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Ghulam Qadir	Hair Saloon
97	11003	Municipal Plaza MC Office Shop 3	30.46902667	70.963695	363	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	next rent out	hair saloon
98	13087029	Inside GBS Shop 31	30.46557167	70.96480833	143	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	next to rent auzair Barber	hair saloon
99	13002	Androon Bus Adda Shop No.40	30.46562	70.96522167	272	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	next to rent ghulam abbas	Hotel
100	1007	Railway Road MC Office Shop 8	30.469265	70.963225	363	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Khalil Ahmad	hotel
101	4087001	Outside GBS Shop 1	30.46595833	70.96550333	167	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	son	hotel

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
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SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
102	13087002	Inside GBS Shop 4	30.46570833	70.96526667	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Shareef	Hotel
103	13087004	Inside GBS Shop 6	30.46582167	70.96526167	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Yousaf	Hotel
104	13087005	Inside GBS Shop 7	30.465895	70.96530667	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Islam Ud Din	Hotel
105	13087006	Inside GBS Shop 8	30.46589833	70.96531667	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Aslam	hotel
106	13087031	Inside GBS Shop 33	30.46552	70.964875	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	next to rent Ghulam Yasin	hotel
107	13004	Inside GBS Shop 2	30.46559333	70.96522	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Laal Khan	Hotel
108	12087006	Inside Wagon Stand Shop 6	30.46543	70.96441667	388	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Zaffar Iqbal given shop no is wrong its7	Hotel
109	11010	Municipal Plaza MC Office Shop 10	30.46917667	70.96376833	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Mehboob	hotel

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
110	13087013	Inside GBS Shop 15	30.465825	70.96507333	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Fida Hussain	hotel
111	13087007	Inside GBS Shop 9	30.465895	70.96526833	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Yousaf	Hotel & Store
112	9016	Bukhi Road Near Cattle Market Shop 16	30.460385	70.97094667	136	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Safdar	hotel and bhossa for cattle
113	5087027	Near Civil Court Shop 33	30.464705	70.96555667	132	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	next to rent, mr kazim, given shop no is wrong its 36	ice shop
114	11008	Municipal Plaza MC Office Shop 8	30.46911833	70.96388167	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Amir Qureshi	internet Activity
115	3087015	Iqbal Park Shop 5	30.46698667	70.96544333	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Banat Gul	Juice & Drink Corner
116	5087012	Near Civil Court Shop 18	30.464885	70.96561667	132	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	next to rent mr shoiab	Juice & Drink Corner

Integrated Development and Asset Management Plan (IDAMP)														
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117	5087030	Near Civil Court Shop 2	30.46542667	70.96549833	90	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhamma d Yameen	Juice & Drink Corner
118	4087003	Outside GBS Shop 3	30.46587	70.96558167	140	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	brother	Juice / Cold Drink Shop
119	5087028	Near Civil Court Shop 34	30.46551833	70.96549	79	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Naseer Ahmad	juice corner
120	4087002	Outside GBS Shop 2	30.465925	70.96547	136	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Wajid Ali	juice shop
121	9012	Bukhi Road Near Cattle Market Shop 12	30.4607	70.970875	136	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	next to rent mr fasil	kabar khana
122	4087004	Outside GBS Shop 4	30.46588833	70.96551667	171	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Mehmood Ahmad	Karyana Shop
123	4087008	Outside GBS Shop 8	30.465695	70.96553667	173	1	Commercial	Not Owned/	No	No	Rented/ Leased	Good	Abdul Aziz	Karyana Shop

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								But Managed						
124	4087006	Outside GBS Shop 6	30.46582	70.96548	219	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Siraj Din	kryana shop
125	13087016	Inside GBS Shop 18	30.465865	70.96491833	143	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Ansar Mehmood	machenical parts
126	13087010	Inside GBS Shop 12	30.46588167	70.96513667	143	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Ranjha	Machanical Works
127	13087019	Inside GBS Shop 21	30.46578833	70.96477167	143	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Zaffar Iqbal	machnical shop
128	5087009	Near Civil Court Shop 15	30.46497167	70.96554833	61	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhammad Kamran	Meat Shop
129	5087007	Near Civil Court Shop 13	30.46507	70.96552	214	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhammad Asghar	Meat Shop
130	5087022	Near Civil Court Shop 28	30.46509833	70.96554667	81	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Abdul Jabbar, given shop no is	meat shop

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													wrong its33	
131	11015	Municipal Plaza MC Office Shop 16	30.46930833	70.96378	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Kashif Hussain	Mechenic Shop
132	13087012	Inside GBS Shop 14	30.46586833	70.96505667	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Shan Muhammad	Mechenic shop
133	6087003	Municipal Stadium Shop 2	30.46741333	70.97114833	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Abdul Rasheed	mechical repairing shop
134	1001	Railway Road MC Office Shop 1	30.46932167	70.963675	363	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Hafiz Naeem Muhammad Ahmad	Medical Store
135	1087001	Railway Road MC Office Shop 6	30.46932	70.96358167	363	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Shehroz Hamza	Medical Store
136	1003	Railway Road MC Office Shop 3	30.46932667	70.96368667	363	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Shehroz Hamza	Medical Store
137	1004	Railway Road MC Office Shop 4	30.46935	70.96364333	363	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Ghulam Fareed	Medical Store

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138	1005	Railway Road MC Office Shop 5	30.46929833	70.96359833	363	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Abdul Hafeez	Medical Store
139	11012	Municipal Plaza MC Office Shop 13	30.46908333	70.963925	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Fahad UI Hassan	Medical Store
140	3087008	Iqbal Park Shop 15	30.46670833	70.96548167	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Tahir Anjum	medical store
141	3087027	Iqbal Park Shop 17	30.46656667	70.96546	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Furqan	medical store
142	3087001	Iqbal Park Shop 18	30.466555	70.96548833	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Ghufuran	Medical Store
143	3087007	Iqbal Park Shop 19	30.46650667	70.96552167	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Idrees	Medical Store
144	11011	Municipal Plaza MC Office Shop 12	30.469095	70.96381	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Munawar Hussain	medical store
145	5087024	Near Civil Court Shop 30	30.46438333	70.96558667	98	1	Commercial	Not Owned/ But Managed	No	No	Rented/Leased	Good	Ghulam Abbas	medical store (given shop no is wrong its 31)

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
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SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
146	11001	Municipal Plaza MC Office Shop 1	30.46929667	70.96379333	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Ayoub	Milk Shop
147	11004	Municipal Plaza MC Office Shop 4	30.469285	70.96390333	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Rana Dilshad	Milk Shop
148	2087010	Tiba City Shop 10	30.47075	70.96518333	72	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	Shahab Ud Din	mobile repairing shop
149	2087021	Tiba City Shop 21	30.47058667	70.96518833	42	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	next to rent	mobile shop
150	3087011	Iqbal Park Shop 1	30.46712	70.96535	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Asghar Ali	Mobile Shop
151	3087004	Iqbal Park Shop 22	30.46641833	70.96554333	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Farooq Ahmad	mobile shop
152	5087018	Near Civil Court Shop 24	30.46463667	70.96554167	110	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	next to rent zafran, given shop no is wrong its 25	mobile shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
153	5087005	Near Civil Court Shop 11	30.46516167	70.96560833	208	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhammad Yousaf	Mobile Shop
154	3087012	Iqbal Park Shop 2	30.46708167	70.9654	272	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Nasir Ali Qureshi	Mobile Shop, shoes
155	9002	Bukhi Road Near Cattle Market Shop 2	30.46055833	70.97085	136	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	next to rent mr Irfan	moter cycle machnic
156	5087001	Near Civil Court Shop 7	30.46527	70.96555667	123	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhammad Rafique	Naswar Dealer
157	1006	Railway Road MC Office Shop 7	30.46928667	70.96345333	363	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Asif Mubeen	new rent other person
158	2087019	Tiba City Shop 19	30.47062667	70.96516167	42	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Muhammad Ajmal	News Agency
159	13087001	Inside GBS Shop 3	30.46565	70.96523333	143	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	rent to baloch transport	office
160	13087003	Inside GBS Shop 5	30.46575333	70.96526	143	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Zaffar Iqbal	office

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
161	2087007	Tiba City Shop 7	30.47115333	70.96516167	60	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Abdul Majeed	open
162	13087022	Inside GBS Shop 24	30.46577333	70.96469333	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Abu Bakar	open,no Activity
163	1009	Railway Road MC Office Shop 10	30.46927833	70.96313667	363	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Saleem	other person to rent
164	2087005	Tiba City Shop 5	30.47123	70.96522333	70	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Abdul Lateef	Painter
165	3087020	Iqbal Park Shop 26	30.46638	70.96555167	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Akbar	pan shop
166	4087007	Outside GBS Shop 7	30.465735	70.96547333	121	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	Muhammad Afzal	pansar store
167	7007	GT Road Near Galla Mandi Shop 7	30.47522	70.96425333	353	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Nasir	Pesticides
168	7004	GT Road Near Galla Mandi Shop 4	30.47537667	70.96445667	353	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Abdul Qayoum	Pesticides Shop
169	7005	GT Road Near Galla Mandi Shop 5	30.475415	70.96440667	353	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Abdul Basit	Pesticides Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
170	7008	GT Road Near Galla Mandi Shop 8	30.47544667	70.964435	353	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Azeem Ud Din	Pesticides Shop
171	7006	GT Road Near Galla Mandi Shop 6	30.475255	70.96429	353	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Tariq Mehmood	Pesticides Shop store
172	5087016	Near Civil Court Shop 22	30.46468333	70.965535	60	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	Aqeela Begum nephew adnan is owned by this shopgiven shop no is wrong its 23	photo state
173	5087017	Near Civil Court Shop 23	30.46466	70.96555667	100	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	Shoukat Abbas given shop no is wrong its 24	photo state
174	3087013	Iqbal Park Shop 3	30.46703	70.96539667	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhamma d Akhtar	Photo Studio
175	5087014	Near Civil Court Shop 20	30.46456833	70.96553833	80	1	Commercial	Not Owned/	No	No	Rented/Leased	Good	shop demolishe d, it is	place for court gate

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
								But Managed					converted for civil court date gate	
176	13087026	Inside GBS Shop 28	30.46568167	70.96479	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Zubair	Poultry Medicine
177	2087023	Tiba City Shop 23	30.47057167	70.96518667	323	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	Abid Rehan	Poultry Shop
178	3087029	Iqbal Park Shop 29	30.46665333	70.96521833	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Tariq	printing press
179	9015	Bukhi Road Near Cattle Market Shop 15	30.46051833	70.97089	136	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Waseem UI Hassan	property and office
180	11018	Municipal Plaza MC Office Shop 19	30.46911333	70.96386167	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Ghulam Fareed	property dealer
181	9014	Bukhi Road Near Cattle Market Shop 14	30.460505	70.97086833	136	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Shamim UI Hassan	property office



Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
182	5001	Near Civil Court Shop No.22	30.46480333	70.96557833	52	2	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	next to rent, kamran	raas ban shop
183	3087017	Iqbal Park Shop 7	30.46691667	70.96542167	272	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Mistri Naik Muhammad	Sanitary shop
184	5087020	Near Civil Court Shop 26	30.46452333	70.96556667	72	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Javaid given shop no is wrong its 27	Sanitary shop
185	12087002	Inside Wagon Stand Shop 2	30.46548667	70.96434	388	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Rana Abdul Aziz, selaed by mc given shop no is wrong its3	sealed by mc closed
186	6087002	Municipal Stadium Shop 1	30.46749167	70.971105	272	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhammad Ishfaq	seeds shop
187	2087008	Tiba City Shop 8	30.47117833	70.96516667	50	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Manzoor Ahmad	Sewing Machine Repair Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
188	3087018	Iqbal Park Shop 8	30.46692	70.96530333	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Ayoub	shoes shop
189	13087024	Inside GBS Shop 26	30.46574667	70.96475	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Faiz Bukhsh	Shoes Shop
190	3087005	Iqbal Park Shop 21	30.46642	70.96541	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Israr Khan	shoes shop
191	6087005	Municipal Stadium Shop 5	30.467415	70.97104167	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Maqsood Ahmad	slanti paapar
192	13087011	Inside GBS Shop 13	30.46587167	70.965095	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Wazeer Ali	Spare Parts & Oil Shop
193	11021	Municipal Plaza MC Office Shop 11	30.46910167	70.96388167	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	elevatin municipal court plaza	Stairs
194	11017	Municipal Plaza MC Office Shop 18	30.46911333	70.96382833	363	2	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Nadir Khan	Store
195	13087023	Inside GBS Shop 25	30.46575333	70.96476333	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Tanveer Ahmad	Store
196	14087001	GT Road Near MEPCO Office	30.45100667	70.96660167	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Tahir Javaid	Tea Stall

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
197	7010	GT Road Near Galla Mandi Shop 10	30.47553167	70.96430333	353	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Zaffar Iqbal	Tent Service
198	5087029	Near Civil Court Shop 35	30.46450833	70.96558833	71	1	Commercial	Not Owned/But Managed	No	No	Rented/Leased	Good	Muhammad Ameen	toy shop
199	13087025	Inside GBS Shop 27	30.46571	70.96479167	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Dr. Muhammad Asghar	Transport Company office
200	13087021	Inside GBS Shop 23	30.465795	70.96473667	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Haroon	Transport Office
201	13005	Inside GBS Shop 38	30.46563667	70.96484667	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Rana jahanzaib (wrong name given)	transport office
202	13087020	Inside GBS Shop 22	30.46582167	70.96481167	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Rana Qamar Ul Hassan	Transporter Office
203	13087028	Inside GBS Shop 30	30.46561333	70.96484167	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Manager New Khan Transport	Transporter Office
204	13087034	Inside GBS Shop 36	30.46560833	70.96522167	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Rana Muhammad Ashraf	Transporter Office

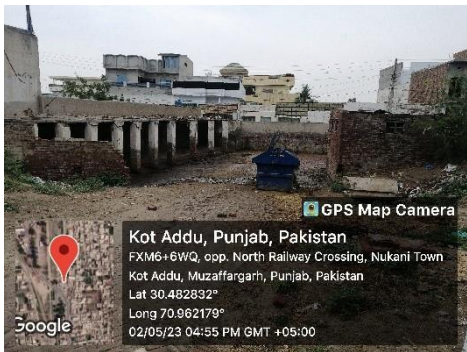
Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
205	13087035	Inside GBS Shop 37	30.46564167	70.96487667	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Rana Jahanzaib (Uppertory)upper floor	Transporter Office
206	6087004	Municipal Stadium Shop 4	30.46739167	70.97109667	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	sons	tyers panchar shop
207	13087017	Inside GBS Shop 19	30.46586167	70.96484667	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Ejaz seald by mc	Tyre Shop
208	13087018	Inside GBS Shop 20	30.465845	70.96481333	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Ghulam Sarwer	Tyre Shop
209	13087030	Inside GBS Shop 32	30.46554333	70.96481833	143	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Nadeem	Tyre Shop
210	5087006	Near Civil Court Shop 12	30.46506	70.96555333	214	1	Commercial	Not Owned/ But Managed	No	No	Rented/Leased	Good	Muhammad Younus	vigitable shop
211	1002	Railway Road MC Office Shop 2	30.469335	70.96369	363	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Muhammad Yasin	Wash Man
212	3087003	Iqbal Park Shop 23	30.46642	70.965455	272	1	Commercial	Owned/Managed	No	No	Rented/Leased	Good	Nazeer Ahmad	Watch and Mobile



Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
														Repairing Shop
213	5087021	Near Civil Court Shop 27	30.46449667	70.96564	72	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Abdul Majeed given shop no is wrong its 28	Weapon Repairing Shop
214	5087019	Near Civil Court Shop 25	30.46456333	70.96554333	95	1	Commercial	Not Owned/ But Managed	No	No	Rented/ Leased	Good	Javaid Danish given shop no is wrong its 26	weapon shop
215	13087027	Inside GBS Shop 29	30.46564667	70.96480167	143	1	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Muhamma d Ishaq	welding shop
Average Score		1			2			3			4		5	
Asset Condition		Excellent			Good			Fair			Poor		Failing	
Category		A			B			C			D		E	

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Kot Addu														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 02-05-2023		
SR	Shop Code	Property Address	Latitude	Longitude	Area (Sqft)	No of Stories	Property Location Status	Ownership Status	Encroachment Status	Litigation Exist	Current Status	Condition	Tenant Name	Business
Data Collected By: Mr. Haroon					Designation: Team Member					 Sign & Date: 30 May 2023				
Data Checked By: Mr. Muddasir Alvi					Designation: Team Lead					 Sign & Date: 30 May 2023				

5. Public Places**A. Slaughter House**


Sr #	Name	Age (Years)	Area (Acre)	Condition	Status	Book Value (PKR Million)
1	Slaughter House	57	0.19	Failing	Functional	9.12

Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Kot Addu						
Form: IDAMP-A15		Slaughterhouse Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Name		Slaughter House			Pictures	
Location	Latitude	30.48382				
	Longitude	70.962179				
Address						
Year of Construction		1966				
Total Area (Acres)		0.19				
Ownership		MC				
Slaughter Capacity (Per Day)	Larger Animals	18-25				
	Smaller Animals	15-18				
Supervisor		Yes	No			
Doctor's Room		Yes	No			
Inhabitation Facility		Yes	No			
Slaughtering Hall		Yes	No			
Evisceration Hall		Yes	No			
Meat Cutting Room		Yes	No			
Blood Collection Arrangements		Yes	No			
Skin Storage Room		Yes	No			
Tools Disinfectant System		Yes	No			
Health and Hygiene SOPs		Yes	No			
Refrigeration / Storage System		Yes	No			
Separate Facility for Sick Animals		Yes	No			
Water Supply System		Yes	No			
Drainage & Disposal Facility		Yes	No			
Solid Waste Collection Facility		Yes	No			
Boundary Wall & Gate		Yes	No			
Approach Road Condition		Good	Fair	Poor		
Civil Structure Condition		Good	Fair	Poor		
Overall Rating						
Average Score	1	2	3	4	5	
Asset Condition	Excellent	Good	Fair	Poor	Failing	
Category	A	B	C	D	E	
Remarks / Requirements						



• No remarks		
Data Collected By: Mr. Haroon	Designation: Team Member	 Sign & Date: 30 May 2023
Data Checked By: Mr. Muddasir Alvi	Designation: Team Lead	 Sign & Date: 30 May 2023



B. Bus Stand



Sr #	Name	Age (Years)	Area (Acre)	Condition	Status	Book Value (PKR Million)
1	Bus Stand	50	1.21	Poor	Functional	94
2	Wagon Stand	50	0.15	Poor	Functional	12

Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Kot Addu						
Form: IDAMP-A12		Bus Stand Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Name		Bus Stand			Pictures	
Location	Latitude	30.4655				
	Longitude	70.9649				
Address						
Year of Construction		1973				
Last Major Renovation		No				
Area (Acres)		1.21				
Ownership		MC				
Class		A	B	C		D
Designed Capacity of Vehicles	Buses					
	Coasters					
	Wagons					
Daily parking of vehicles (based on information provided by MC)	Buses	50				
	Coasters					
	Wagons					
	Rickshaws					
Distance from the urban area		Within City				
Security	At Entry	Yes	No			
	At Exit	Yes	No			
Gate	At Entry	Yes	No			
	At Exit	Yes	No			
Waiting Area	Men	Yes	No			
	Families	Yes	No			
Washroom	Male	Yes	No			
	Female	Yes	No			
Prayer Room	Male	Yes	No			
	Female	Yes	No			
Administration Office		Yes	No			
Parking Stand	Rickshaw	Yes	No			
	Cars	Yes	No			
Fuel Outlets		Yes	No			
Reception Desk		Yes	No			
Ticketing System		Yes	No			
Tuck Shop		Yes	No			
Workshop		Yes	No			
Ablution Area		Yes	No			



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Kot Addu					
Form: IDAMP-A12	Bus Stand Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Pedestrian	Yes	No			
Green Spaces	Yes	No			
Water Drinking Arrangement	Yes	No			
Water Disposal Arrangement	Yes	No			
Boarding Shed	Yes	No			
Lighting	Yes	No			
Boundary Wall	Yes	No			
Flooring & Pavement	Type				
	Condition	Good	Fair	Poor	
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> No remarks 					
Data Collected By: Mr. Haroon		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. Muddasir Alvi		Designation: Team Lead		 Sign & Date: 30 May 2023	

Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Kot Addu						
Form: IDAMP-A12		Bus Stand Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Name		Wagon Stand			Pictures	
Location	Latitude	30.4655				
	Longitude	70.9645				
Address						
Year of Construction		1973				
Last Major Renovation						
Area (Acres)		0.15				
Ownership		MC				
Class		A	B	C		D
Designed Capacity of Vehicles	Buses					
	Coasters					
	Wagons					
Daily parking of vehicles (based on information provided by MC)	Buses					
	Coasters					
	Wagons	45-50				
	Rickshaws					
Distance from the urban area		Within City				
Security	At Entry	Yes	No			
	At Exit	Yes	No			
Gate	At Entry	Yes	No			
	At Exit	Yes	No			
Waiting Area	Men	Yes	No			
	Families	Yes	No			
Washroom	Male	Yes	No			
	Female	Yes	No			
Prayer Room	Male	Yes	No			
	Female	Yes	No			
Administration Office		Yes	No			
Parking Stand	Rickshaw	Yes	No			
	Cars	Yes	No			
Fuel Outlets		Yes	No			
Reception Desk		Yes	No			
Ticketing System		Yes	No			
Tuck Shop		Yes	No			
Workshop		Yes	No			
Ablution Area		Yes	No			
						

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Kot Addu					
Form: IDAMP-A12	Bus Stand Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Pedestrian	Yes	No			
Green Spaces	Yes	No			
Water Drinking Arrangement	Yes	No			
Water Disposal Arrangement	Yes	No			
Boarding Shed	Yes	No			
Lighting	Yes	No			
Boundary Wall	Yes	No			
Flooring & Pavement	Type				
	Condition	Good	Fair	Poor	
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> No remarks 					
Data Collected By: Mr. Haroon		Designation: Team Member		 Sign & Date: 30 May 2023	
Data Checked By: Mr. Muddasir Alvi		Designation: Team Lead		 Sign & Date: 30 May 2023	

C. Parks


Sr #	Name	Age (Years)	Area (Acre)	Condition	Status	Book Value (PKR Million)
1	Iqbal Park	56	1.37	Poor	Non-Functional	87
2	Rabia Park	34	1.25	Poor	Non-Functional	80
3	Tayyaba Park	42	1.26	Fair	Functional	64
4	Tooba Park	34	2.14	Failing	Non-Functional	154

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Kot Addu					
Form: IDAMP-A10	Park Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023	
Name		Iqbal Park		Pictures	
Location	Latitude	30.4666			
	Longitude	70.9648			
Area In Acres		1.37			
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)					
Turfing Condition		Good	Fair		Poor
Approach Road		Good	Fair		Poor
Parking Lots		Yes	No		
Canteen Availability		Yes	No		
Average number of daily visitors (based on the assessment of MC staff)					
Any illegal occupants or encroachments observed-if yes, type					
Security system					
Watering & Irrigation					
Tube Well		Yes	No		
Water Supply from Municipal System		Yes	No		
Water Tank		Yes	No		
Pumping Unit		Yes	No		
Distribution Pipe Lines		Yes	No		
Valves		Yes	No		
Sprinkler System		Yes	No		
Ground water storage reservoirs/ponds		Yes	No		
Landscaping & Plantation					
Grass Beds		Yes	No		
Flower Beds		Yes	No		
Hedges		Yes	No		
Plants		Yes	No		
Number of trees and species (based on readily available information at MC)					
Lights					
Total Number					
Poles		Yes	No		



Cables	Yes	No			
Brackets And Lights	Yes	No			
Bulbs And Tubes	Yes	No			
Control Units	Yes	No			
Structures					
No. of Toilets	Gents	0			
	Ladies	0			
Condition of Toilets	Gents				
	Ladies				
Buildings	Yes	No			
Fountains & Water Fall Structure	Yes	No			
Walkways	Yes	No			
Jogging tracks	Yes	No			
Ramps at entry gates for wheel chairs	Yes	No			
Bridges & Culverts	Yes	No			
Play Area	Yes	No			
Gazebos	Yes	No			
Benches/ sitting arrangements	Yes	No			
Boundary Wall & Gate	Yes	No			
Toilets	Yes	No			
Lakes & Brooks	Yes	No			
Mechanical Equipment					
Pumping Units	Yes	No			
Swings	Yes	No			
Children Games	Yes	No			
Fixtures	Yes	No			
Benches	Yes	No			
Sanitation & Water Supply					
Litter Bins	Yes	No			
Condition of SWM	Poor				
Toilet Fixtures	Yes	No			
Sewerage System	Yes	No			
Vegetation Cuttings & Disposal	Yes	No			
Drinking water availability and quality (based on availability of water quality test reports)					
Water Pipes	Yes	No			
HR					
Security Guards	Yes	No			
Landscape Experts	Yes	No			
Mali / Beldaar (Number)	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
<ul style="list-style-type: none"> Turned into parking shed 					
Data Collected By: Mr. Haroon		Designation: Team Member			




		Sign & Date: 30 May 2023
Data Checked By: Mr. Muddasir Alvi	Designation: Team Lead	 Sign & Date: 30 May 2023

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Kot Addu				
Form: IDAMP-A10	Park Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023
Name		Rabia Park		Pictures
Location	Latitude	30.4599		
	Longitude	70.9660		
Area In Acres		1.25		
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)				
Turfing Condition		Good	Fair	Poor
Approach Road		Good	Fair	Poor
Parking Lots		Yes	No	
Canteen Availability		Yes	No	
Average number of daily visitors (based on the assessment of MC staff)				
Any illegal occupants or encroachments observed-if yes, type				
Security system				
Watering & Irrigation				
Tube Well		Yes	No	
Water Supply from Municipal System		Yes	No	
Water Tank		Yes	No	
Pumping Unit		Yes	No	
Distribution Pipe Lines		Yes	No	
Valves		Yes	No	
Sprinkler System		Yes	No	
Ground water storage reservoirs/ponds		Yes	No	
Landscaping & Plantation				
Grass Beds		Yes	No	
Flower Beds		Yes	No	
Hedges		Yes	No	
Plants		Yes	No	
Number of trees and species (based on readily available information at MC)				
Lights				
Total Number				
Poles		Yes	No	
Cables		Yes	No	
Brackets And Lights		Yes	No	

Bulbs And Tubes	Yes	No			
Control Units	Yes	No			
Structures					
No. of Toilets	Gents	0			
	Ladies	0			
Condition of Toilets	Gents				
	Ladies				
Buildings	Yes	No			
Fountains & Water Fall Structure	Yes	No			
Walkways	Yes	No			
Jogging tracks	Yes	No			
Ramps at entry gates for wheel chairs	Yes	No			
Bridges & Culverts	Yes	No			
Play Area	Yes	No			
Gazebos	Yes	No			
Benches/ sitting arrangements	Yes	No			
Boundary Wall & Gate	Yes	No			
Toilets	Yes	No			
Lakes & Brooks	Yes	No			
Mechanical Equipment					
Pumping Units	Yes	No			
Swings	Yes	No			
Children Games	Yes	No			
Fixtures	Yes	No			
Benches	Yes	No			
Sanitation & Water Supply					
Litter Bins	Yes	No			
Condition of SWM					
Toilet Fixtures	Yes	No			
Sewerage System	Yes	No			
Vegetation Cuttings & Disposal	Yes	No			
Drinking water availability and quality (based on availability of water quality test reports)					
Water Pipes	Yes	No			
HR					
Security Guards	Yes	No			
Landscape Experts	Yes	No			
Mali / Beldaar (Number)	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
• Turned into GST and Rescue Parking Shed					
Data Collected By: Mr. Haroon	Designation: Team Member			<i>Haroon</i>	




		Sign & Date: 30 May 2023
Data Checked By: Mr. Muddasir Alvi	Designation: Team Lead	 Sign & Date: 30 May 2023

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Kot Addu				
Form: IDAMP-A10	Park Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023
Name		Tayyaba Park		Pictures
Location	Latitude	30.4665		
	Longitude	70.9724		
Area In Acres		1.26		
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)				
Turfing Condition		Good	Fair	Poor
Approach Road		Good	Fair	Poor
Parking Lots		Yes	No	
Canteen Availability		Yes	No	
Average number of daily visitors (based on the assessment of MC staff)				
Any illegal occupants or encroachments observed-if yes, type				
Security system				
Watering & Irrigation				
Tube Well		Yes	No	
Water Supply from Municipal System		Yes	No	
Water Tank		Yes	No	
Pumping Unit		Yes	No	
Distribution Pipe Lines		Yes	No	
Valves		Yes	No	
Sprinkler System		Yes	No	
Ground water storage reservoirs/ponds				
Landscaping & Plantation				
Grass Beds		Yes	No	
Flower Beds		Yes	No	
Hedges		Yes	No	
Plants		Yes	No	
Number of trees and species (based on readily available information at MC)				
Lights				
Total Number				
Poles		Yes	No	

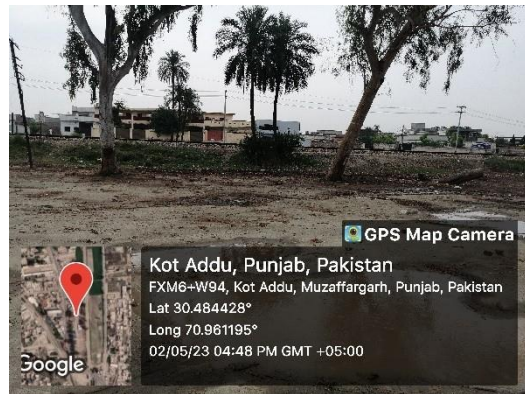


Cables	Yes	No			
Brackets And Lights	Yes	No			
Bulbs And Tubes	Yes	No			
Control Units	Yes	No			
Structures					
No. of Toilets	Gents	1			
	Ladies	1			
Condition of Toilets	Gents	Fair			
	Ladies	Fair			
Buildings	Yes	No			
Fountains & Water Fall Structure	Yes	No			
Walkways	Yes	No			
Jogging tracks	Yes	No			
Ramps at entry gates for wheel chairs	Yes	No			
Bridges & Culverts	Yes	No			
Play Area	Yes	No			
Gazebos	Yes	No			
Benches/ sitting arrangements	Yes	No			
Boundary Wall & Gate	Yes	No			
Toilets	Yes	No			
Lakes & Brooks	Yes	No			
Mechanical Equipment					
Pumping Units	Yes	No			
Swings	Yes	No			
Children Games	Yes	No			
Fixtures	Yes	No			
Benches	Yes	No			
Sanitation & Water Supply					
Litter Bins	Yes	No			
Condition of SWM	Fair				
Toilet Fixtures	Yes	No			
Sewerage System	Yes	No			
Vegetation Cuttings & Disposal	Yes	No			
Drinking water availability and quality (based on availability of water quality test reports)					
Water Pipes	Yes	No			
HR					
Security Guards	Yes	No			
Landscape Experts	Yes	No			
Mali / Beldaar (Number)	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
• No remarks					
Data Collected By: Mr. Haroon		Designation: Team Member		<i>Haroon</i>	




		Sign & Date: 30 May 2023
Data Checked By: Mr. Muddasir Alvi	Designation: Team Lead	 Sign & Date: 30 May 2023

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Kot Addu				
Form: IDAMP-A10	Park Asset Condition Assessment			Asset Code: _____ Date: 02-05-2023
Name		Tooba Park		Pictures
Location	Latitude	30.484433		
	Longitude	70.961162		
Area In Acres		2.14		
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)				
Turfing Condition		Good	Fair	Poor
Approach Road		Good	Fair	Poor
Parking Lots		Yes	No	
Canteen Availability		Yes	No	
Average number of daily visitors (based on the assessment of MC staff)				
Any illegal occupants or encroachments observed-if yes, type				
Security system				
Watering & Irrigation				
Tube Well		Yes	No	
Water Supply from Municipal System		Yes	No	
Water Tank		Yes	No	
Pumping Unit		Yes	No	
Distribution Pipe Lines		Yes	No	
Valves		Yes	No	
Sprinkler System		Yes	No	
Ground water storage reservoirs/ponds		Yes	No	
Landscaping & Plantation				
Grass Beds		Yes	No	
Flower Beds		Yes	No	
Hedges		Yes	No	
Plants		Yes	No	
Number of trees and species (based on readily available information at MC)				
Lights				
Total Number				
Poles		Yes	No	




Cables	Yes	No			
Brackets And Lights	Yes	No			
Bulbs And Tubes	Yes	No			
Control Units	Yes	No			
Structures					
No. of Toilets	Gents	0			
	Ladies	0			
Condition of Toilets	Gents				
	Ladies				
Buildings	Yes	No			
Fountains & Water Fall Structure	Yes	No			
Walkways	Yes	No			
Jogging tracks	Yes	No			
Ramps at entry gates for wheel chairs	Yes	No			
Bridges & Culverts	Yes	No			
Play Area	Yes	No			
Gazebos	Yes	No			
Benches/ sitting arrangements	Yes	No			
Boundary Wall & Gate	Yes	No			
Toilets	Yes	No			
Lakes & Brooks	Yes	No			
Mechanical Equipment					
Pumping Units	Yes	No			
Swings	Yes	No			
Children Games	Yes	No			
Fixtures	Yes	No			
Benches	Yes	No			
Sanitation & Water Supply					
Litter Bins	Yes	No			
Condition of SWM	Poor				
Toilet Fixtures	Yes	No			
Sewerage System	Yes	No			
Vegetation Cuttings & Disposal	Yes	No			
Drinking water availability and quality (based on availability of water quality test reports)					
Water Pipes	Yes	No			
HR					
Security Guards	Yes	No			
Landscape Experts	Yes	No			
Mali / Beldaar (Number)	Yes	No			
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
• No remarks					
Data Collected By: Mr. Haroon		Designation: Team Member		<i>Haroon</i>	

		Sign & Date: 30 May 2023
Data Checked By: Mr. Muddasir Alvi	Designation: Team Lead	 Sign & Date: 30 May 2023

6. Office Vehicles

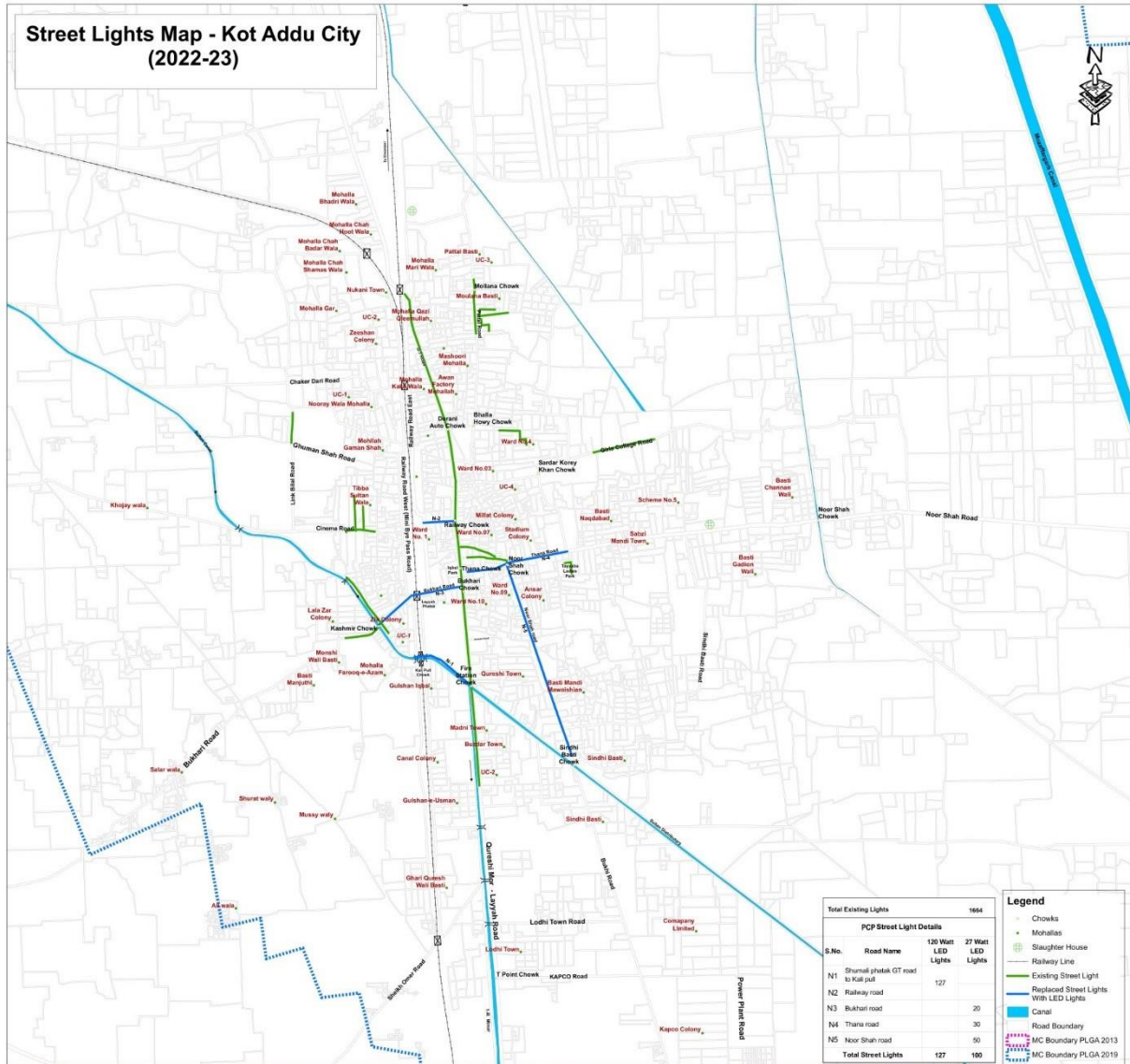
Sr #	Name	Registration Number	Age (Years)	Capacity	Condition	Status	Book Value (PKR Million)
1	Cultus	ML 1212	Not Available	1000cc	Fair	Functional	0.5

Integrated Development and Asset Management Plan (IDAMP)	
Municipal Committee Kot Addu	
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment
Asset Code: _____ Date: 02-05-2023	
Type of Vehicle / Machinery	Pictures
Car	
	Car
Capacity	1000cc
Purpose	Staff
Year of Manufacturing	Not available
Model	Cultus
Capital Cost	
Fuel Consumption (Liters/Month)	Not available
Condition	Fair
Engine Capacity	1000cc
Maintenance Cost	Not available
Oiling /Fitness	Yes
Fitness Certificate	No
Registered	ML 1212
Overall Rating	Fair
•	
<i>Data Collected By: Mr. Haroon</i>	<i>Designation: Team Member</i>
<i>Haroon</i> <i>Sign & Date: 30 May 2023</i>	



<p>Data Checked By: Mr. Muddasir Alvi</p>	<p>Designation: Team Lead</p>	 Sign & Date: 30 May 2023
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7. Street Lights

Sr#	Type	Wattage	Total
1	LED	30	1664





PUNJAB MUNICIPAL DEVELOPMENT FUND COMPANY PROJECT: PUNJAB CITIES PROGRAM (PCP) Map Code 0206070223 Map Version 1.4 DISCLAIMER: INFORMATION IS PROVIDED BY MC, PHED & OTHER SOURCES. Scale: 1:8,000 Date: February 2023



Integrated Development and Asset Management Plan (IDAMP)							
Municipal Committee Kot Addu							
Form: IDAMP-A9	Street Lights Asset Condition Assessment					Asset Code: _____ Date: 02-05-2023	
Pictures							
							
Ward	Type of Luminaries				Total	Operational Status	Poles Type (WAPDA Pole / MC Pole)
	Sodium	Led (30w)	Tube Light (40 W)	Energy Saver / Light Bulb			
1		25			25	12	
2		86			86	67	
3		132			132	109	
4		103			103	83	
5		56			56	38	
6		50			50	31	
7		0			0	0	
8		0			0	0	
9		0			0	0	
10		20			20	10	
11		62			62	47	
12		25			25	10	
13		30			30	15	
14		28			28	14	
15		100			100	78	
16		26			26	12	

17		28			28	13	
18		0			0	0	
19		30			30	19	
20		30			30	20	
21		26			26	14	
22		45			45	30	
23		37			37	23	
24		120			120	89	
25		57			57	40	
26		275			275	249	
27		70			70	48	
28		62			62	41	
29		55			55	38	
30		20			20	11	
31		48			48	31	
32		18			18	14	
Remarks / Requirements							
<ul style="list-style-type: none"> No remarks 							
Data Collected By: Mr. Haroon		Designation: Team Member			 Sign & Date: 30 May 2023		
Data Checked By: Mr. Muddasir Alvi		Designation: Team Lead			 Sign & Date: 30 May 2023		

8. Roads

Sr. No.	Road Name	TST, Asphalt Or Concrete Pavers	Row (Ft)	Approx. Length (Km)
1	Bypass Noorawala	TST	20	1.5
2	Pattal road	TST	24	1.5
3	Nooraywala road	Asphalt	15-20	1.2
4	Sindhi Basti Road	TST	25-30	2.8
5	Pirhar Road	TST	15-20	1.8
6	Basti Katwali Road	TST	15-20	0.3
7	AC office link Road	TST	50-60	0.6
8	Koray khan road	TST	14	0.8
9	Bukhi road	TST	45-50	1.3
10	Gamman Shah Road	TST	20	0.9
11	Bokhari Road	TST	20-24	0.9
12	Mini Bypass	TST	30	2.7
13	Doctors road	TST	20	0.8
14	MNA Street	TST	16	0.4
15	Shah Shamas Road	TST	18	0.4
16	Chakardari road	TST	36	0.9
17	Manzoor Tawana road	TST	35-40	1.5
18	Street Ch. Atta ul Haq	Concrete Pavers	15-20	0.9

Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Kot Addu									
Form: IDAMP-A8	Road Asset Condition Assessment				Asset Code: _____ Date: 02-05-2023				
Pictures									
									
Sr. No.	Road Name	From	to	Ownership	TST, Asphalt Or Concrete Pavers	Row (Ft)	Paved Width (Ft)	Approx. Length (Km)	Condition
1	Bypass Noorawala			MC	TST	20		1.50	Poor
2	Pattal road			MC	TST	24		1.50	Poor
3	Nooraywala road			MC	Asphalt	15-20		1.20	Poor
4	Sindhi Basti Road			MC	TST	25-30		2.8	Poor
5	Pirhar Road			MC	TST	15-20		1.8	Poor
6	Basti Katwali Road			MC	TST	15-20		0.3	Poor
7	AC office link Road			MC	TST	50-60		0.6	Poor
8	Koraykhan road			MC	TST	14		0.8	Poor
9	Bukhi road			MC	TST	45-50		1.3	Poor
10	Gamman Shah Road			MC	TST	20		0.9	Poor
11	Bokhari Road			MC	TST	20-24		0.9	Poor
12	Mini Bypass			MC	TST	30		2.7	Poor

Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Kot Addu									
Form: IDAMP-A8		Road Asset Condition Assessment					Asset Code: _____ Date: 02-05-2023		
13	Doctors road			MC	TST	20		0.8	Poor
14	MNA Street			MC	TST	16		0.4	Poor
15	Shah Shamas Road			MC	TST	18		0.4	Poor
16	Chakardar i road			MC	TST	36		0.9	Poor
17	Manzoor Tawana road			MC	TST	35-40		1.5	Poor
18	Street Ch. Atta ul Haq			MC	Concrete Pavers	15-20		0.9	Poor
Remarks / Requirements									
<ul style="list-style-type: none"> No remarks 									
Data Collected By: Mr. Haroon				Designation: Team Member			 Sign & Date: 30 May 2023		
Data Checked By: Mr. Muddasir Alvi				Designation: Team Lead			 Sign & Date: 30 May 2023		

Annexure B. Projects Coding Schemes:

Region Name	Region Code	MC	MC Code	Property Types	Property Type Code	Sub Property Types	Sub Property Type Code	Unique Codes
Southern Punjab	03	Kot Addu	16	Water Supply System	01	Tube wells	01	03-16-01-01-XX
						Water Supply Network (ft)	02	03-16-01-02-XX
						OHR	03	03-16-01-03-XX
						Filtration Plants	04	03-16-01-04-XX
						Vehicles	05	01-16-01-05-XX
						GST	06	01-16-01-06-XX
				Sewerage System	02	Sewerage Network (ft)	01	03-16-02-01-XX
						Disposal Stations	02	03-16-02-02-XX
						Vehicles	03	03-16-02-03-XX
				Solid Waste Management System	03	Dumping site	01	03-16-03-01-XX
						Vehicles	02	01-16-03-02-XX
						Parking Shed	03	01-16-03-03-XX
				Roads and Streets	04	Roads	01	03-16-04-01-XX
						Street	02	03-16-04-02-XX
						Street light	03	03-16-04-03-XX
				Public Places	05	Parks	01	03-16-05-01-XX
						Playgrounds	02	03-16-05-02-XX
						Open Spaces / Plots	03	03-16-05-03-XX
						Bus Stand	04	03-16-05-04-XX
						Library	05	03-16-05-05-XX
						Slaughter Houses	06	03-16-05-06-XX
Graveyards	07	03-16-05-07-XX						

Region Name	Region Code	MC	MC Code	Property Types	Property Type Code	Sub Property Types	Sub Property Type Code	Unique Codes
						Masjid/ Imam bargah	08	03-16-05-08-XX
						Shops	09	03-16-05-09-XX
				Others	06	Office buildings	01	03-16-06-01-XX
						Office vehicles	02	03-16-06-02-XX
						Residential building	03	03-16-06-03-XX

Annexure C. Project Screening and Phasing

Project ID: 03-16-01-04-01
Project Description : Rehabilitation of Filtration Plant

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

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	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)?	30	10	10	Yes	Yes	10
				0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	5	Yes	Yes	5
				0	No		
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Easy	5
				2.5	Standard		
				5	Easy		
5.4	Ease of implementation of project in respect of technical design?		5	1	Difficult	Easy	5
				3	Standard		
				5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1
				1	Outside expertise needed for construction phase only		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							83.5

Project ID:

03-16-01-06-01

Project Description :

Construction of Underground Water Storage Tank

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

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
5.1	Has land been acquired for the project (If required)?	30	10	10	Yes	Yes	10
				0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?	30	5	5	Yes	Yes	5
				0	No		
5.3	Will the project get approval from higher levels of Government?	30	5	1	Difficult	Easy	5
				2.5	Standard		
				5	Easy		
5.4	Ease of implementation of project in respect of technical design?	30	5	1	Difficult	Easy	5
				3	Standard		
				5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?	30	5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1
				1	Outside expertise needed for construction phase only		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							83.5

Project ID: 03-16-02-01-01

Project Description : Improvement of Existing Sewerage System, new Sewerage network along with WWTP for Kot Addu City

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

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

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

Project ID: 03-16-05-01-01

Project Description : Rehabilitation / Improvement of Tayyaba Park

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

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Easy	5	
				2.5	Standard			
				5	Easy			
5.4	Ease of implementation of project in respect of technical design?		5	5	1	Difficult	Standard	3
					3	Standard		
					5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1
					1	Outside expertise needed for construction phase only		
					3	Outside expertise needed for preparation phase i.e. feasibility studies		
		5			No outside expertise needed			
Total Achieved Score							66.5	

Project ID: 03-16-05-06-01

Project Description : Rehabilitation of slaughter house

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

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	external sources of funding have been secured?						
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Standard	2.5
				2.5	Standard		
				5	Easy		
5.4	Ease of implementation of project in respect of technical design?		5	1	Difficult	standard	3
				3	Standard		
				5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1
				1	Outside expertise needed for construction phase only		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							79

Project ID: 03-16-05-04-01

Project Description : Improvement and Rehabilitation of Bus Stand

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

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Standard	2.5	
				2.5	Standard			
				5	Easy			
5.4	Ease of implementation of project in respect of technical design?		5	5	1	Difficult	Standard	3
					3	Standard		
					5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1
					1	Outside expertise needed for construction phase only		
					3	Outside expertise needed for preparation phase i.e. feasibility studies		
		5			No outside expertise needed			
Total Achieved Score							61.5	

Project ID: 03-16-04-03-01

Project Description : Provision and installation of Street Lights in MC

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

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

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Will the project get approval from higher levels of Government?			2.5	Standard		
				5	Easy		
5.4	Ease of implementation of project in respect of technical design?		5	1	Difficult	Standard	3
				3	Standard		
				5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1
				1	Outside expertise needed for construction phase only		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							61.5

Project ID:

03-16-06-01-01

Project Description :

Solarization of the municipal buildings

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

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

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

Project ID: 03-16-01-01-01

Project Description : Solarization of Tube wells and Water Supply System

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

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

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)?	30	10	10	Yes	Yes	10
				0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	5	Yes	Yes	5
				0	No		
5.3	Will the project get approval from higher levels of Government?		5	1	Difficult	Easy	5
				2.5	Standard		
				5	Easy		
5.4	Ease of implementation of project in respect of technical design?		5	1	Difficult	Easy	5
				3	Standard		
				5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?	5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1	
			1	Outside expertise needed for construction phase only			
			3	Outside expertise needed for preparation phase i.e. feasibility studies			
			5	No outside expertise needed			
Total Achieved Score							79.5

Project ID:

03-16-04-01-01

Project Description :

Improvement and Construction of Roads & Chowks in MC
Kot Addu

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score	
1. Project Purpose & Service Delivery Improvement								
1.1	Does the project fill a gap in a wider system of service delivery?	30	10	2.5	Minor contribution	Major contribution	7.5	
				7.5	Major contribution			
				10	Significant contribution			
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	10	0	No contribution.	Major contribution to key development goal.	10
					2.5	Indirect contribution.		
					7.5	Minor direct contribution		
			10	Major contribution to key development goal.				
1.3	Whether the deference/ delay of the project is going to affect citizens' health, safety, property, prosperity etc.?		10	10	0	No consequences	Minor consequences	2.5
					2.5	Minor consequences		
		7.5			Major future consequences			
		10			Major immediate consequences			
2. Public Response								
2.1	Population served by the project.	15	7.5	1	Less than 10%	Less than 10%	1	
				5	Between 10% to 20%			
				7.5	Greater than 20%			
2.2	Is there support or opposition for the project from NGO's, community groups, network, media or business organizations?		5	5	0	Majority opposition	Majority support	5
					1	Minority opposition		
					5	Majority support		
			2.5	Minority support				
2.3		2.5	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 residents in the immediate vicinity of the new facility?			0.5	Minority opposition		
				2.5	Majority support		
				1.5	Minority support		
3. Environmental Impact							
3.1	The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.	10	10	0	Negative effects on quality of the local environment	Positive effects on the quality of the local environment	10
				5	Neutral		
				10	Positive effects on the quality of the local environment		
4. Socio-Economic Impact							
4.1	Will the project bring in direct revenue?		7.5	0	No direct revenue	Revenue exceeds O&M costs	7.5
				2.5	Direct revenue is not sufficient to meet O&M costs		
				5	Revenue meets O&M costs		
				7.5	Revenue exceeds O&M costs		
4.2	Are there indirect economic benefits from this project in the long term, e.g. employment creation, investment generation, increase in land/property prices, reduction in citizens' expenditures, etc.?	15	7.5	0	Negative impact on the local economy	Significant competitive advantage to industry and boost to the local economy	7.5
				2.5	Little or no long term economic development benefits		
				5	Additional investment in the area and increased wealth for citizens		
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease of Implementation							
5.1	Has land been acquired for the project (If required)?	30	10	10	Yes	Yes	10
				0	No		
5.2	Has funding been secured/allocated within the Local		5	5	Yes	Yes	5
				0	No		

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	Difficult	Easy	5
				2.5	Standard		
				5	Easy		
5.4	Ease of implementation of project in respect of technical design?		5	1	Difficult	Easy	5
				3	Standard		
				5	Easy		
5.5	Is there a capable system in place to implement and operate this project or is external support needed?		5	0	Outside expertise needed for construction, O&M	Outside expertise needed for construction phase only	1
				1	Outside expertise needed for construction phase only		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise needed		
Total Achieved Score							79.5

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 PEQs for drinking water shall be applicable to all water supply schemes/ projects/ subprojects (rehabilitation and new). PEQs 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. PEQs 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. PEQs 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	<ul style="list-style-type: none"> 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 to sub-project																	
	IEE/EIA Regulations 2022	Impact Assessment, if the project is likely to cause an adverse environmental impact	<p>schedule II the EIA of Subproject will be carried out.</p> <p>The sector wise screening of MCs subprojects as per Punjab Environment protection review of IEE/EIA regulations 2000 are given below in Table.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #FFD700;">Schedule</th> <th style="background-color: #FFD700;">Sector</th> <th style="background-color: #FFD700;">Clause</th> </tr> </thead> <tbody> <tr> <td>Schedule I</td> <td>Stormwater Drainage</td> <td>F. Water management, dams, irrigation and flood protection 1. Small Dams and reservoirs 2. Irrigation and drainage projects</td> </tr> <tr> <td></td> <td>Water supply</td> <td>G. Water Supply and Treatment Water supply schemes and treatment plants with total cost less than Rs. 50 million</td> </tr> <tr> <td></td> <td>Parks</td> <td>I. Urban development and tourism 5. Urban development projects</td> </tr> <tr> <td></td> <td>Waste</td> <td>H. Waste disposal Non-hazardous scrap yard / warehouse</td> </tr> </tbody> </table>			Schedule	Sector	Clause	Schedule I	Stormwater Drainage	F. Water management, dams, irrigation and flood protection 1. Small Dams and reservoirs 2. Irrigation and drainage projects		Water supply	G. Water Supply and Treatment Water supply schemes and treatment plants with total cost less than Rs. 50 million		Parks	I. Urban development and tourism 5. Urban development projects		Waste	H. Waste disposal Non-hazardous scrap yard / warehouse
Schedule	Sector	Clause																		
Schedule I	Stormwater Drainage	F. Water management, dams, irrigation and flood protection 1. Small Dams and reservoirs 2. Irrigation and drainage projects																		
	Water supply	G. Water Supply and Treatment Water supply schemes and treatment plants with total cost less than Rs. 50 million																		
	Parks	I. Urban development and tourism 5. Urban development projects																		
	Waste	H. Waste disposal Non-hazardous scrap yard / warehouse																		

Sr. #	Act	Description	Applicability to sub-project		
			Schedule II	Water supply, Sewerage System and treatment	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 100m ³ /hr
				Waste Storage and Disposal	G. Waste Storage and Disposal 1. Landfill sites 2. Waste Incinerators and autoclaves 3. Hazardous substance or waste storage warehouse

Sr. #	Act	Description	Applicability to sub-project
3.	Delegations of power for Environment Approvals Rule 2017	According to these rules the powers of environmental approval are delegated to commissioner for specific types of projects	<ul style="list-style-type: none"> • 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 measures that can be taken to tackle the ambient air quality problems associated with the vehicular emissions during operation phase.	at machinery used during construction phase of this subproject.
5.	The Land Acquisition Act, 1894	The Land Acquisition Act, 1894, is a “law for the acquisition of land needed for public purposes and for companies and for determining the amount of compensation to be paid on account of such acquisition”.	This act will not be triggered as no land acquisition is required.
6.	The Punjab Land Acquisition Rules, 1983,	It describes the land acquisition procedure for public purposes or for a company.	This act will be triggered as wherever land to be acquired for subproject. Such as in Swerage project, Construction of Wastewater treatment plants, installation of new tube wells etc.
7.	Pakistan Antiquities Act 1975 and Punjab Antiquities Amendment Act 2012	The Punjab Antiquities Amendment Act, 2012 is adopted from the Pakistan Antiquities Act of 1975 with a few minor changes. The Antiquities Act, 1975 (amended in 1990) states the following: <ul style="list-style-type: none"> • “Ancient” is any object that is at least 75 years old; 	The law will be applicable to the project due to its provision that if any accidental archaeological discoveries may occur during the excavation works for the construction of sub-projects.

Sr. #	Act	Description	Applicability to sub-project
		<ul style="list-style-type: none"> • 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 <p>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.</p>	
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
		months, but which shall not be less than seven days, and a mandatory fine between 10,000 and 50,000 rupees.	
9.	The Punjab Occupational Safety and Health Act, 2019	<p>The Punjab Occupational Safety and Health Act, 2019 (IV of 2019) An Act to provide for occupational safety and health at workplace.</p> <p>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.</p>	<p>The Punjab Occupational Safety and Health Act, 2019 relevant sections to the proposed projects are:</p> <p>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.</p>
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.	
13	Punjab Local Government Act, 2019	<p>As per PLGA 2019 Functions of a Metropolitan Corporation, Municipal Corporation and Municipal Committee:</p> <p>Part I</p> <p>(g) Solid waste collection and disposal;</p> <p>(h) Sewerage collection and disposal including water management and treatment;</p> <p>(i) Building control and land use;</p> <p>(j) Births, deaths, marriages and divorce registration;</p> <p>(k) Museums and art galleries;</p> <p>(l) Open markets;</p> <p>(m) Livestock and agriculture markets;</p> <p>(n) Public parking facilities;</p> <p>(o) City roads and traffic management;</p> <p>(p) Public transport;</p>	All the related clauses of this Act shall be applicable for MCs.

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

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

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

Sr. #	Act	Description	Applicability to sub-project
		<p>so as to render it less fit for the purposes for which it is ordinarily used.”</p> <p>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.”</p>	
18	Punjab Wildlife Protection, Conservation and Management Act, 1974	The Act requires the protection of wildlife species declared as endangered/threatened and rare. It gives protection to these species by declaring their natural living environment as protected and reserved, which includes areas such as national parks, wildlife sanctuaries, and game reserves.	This act shall be applicable in case any harm to wildlife is assessed at the stage of early screening or if there is any potential risk identified to the wildlife during or after execution of the subprojects/projects related to infrastructure development and municipal service delivery.
19	Guidelines and Checklists adopted by GOP after 18th Amendment	<p>Punjab EPA has also designed the following Guidelines/Checklists for IEE/EIA Projects:</p> <p>Check List for IEE (updated September 2020)</p> <p>Check List for EIA (updated September 2020)</p> <p>After 18th Amendment, Punjab EPA has adopted the following sectoral Guidelines that were prepared by other provinces and were earlier adopted by Pak EPA:</p> <ul style="list-style-type: none"> ✓ Poultry Farms 	<p>Checklists for IEE and EIA shall be applicable to all the new infrastructure development projects.</p> <p>Following Guidelines shall be applicable for MC’s municipal service delivery projects:</p> <ul style="list-style-type: none"> ✓ Urban Roads ✓ Water Supply ✓ Sanitation Schemes ✓ Major Sewerage Schemes

Sr. #	Act	Description	Applicability to sub-project
		<ul style="list-style-type: none"> ✓ 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
1.	Waste Management					
	Solid Waste	Collection Equipment, Collection Bins	Negligible environmental impacts	E3	S3	Applicability of PMDFC EHS SOPs for SWM Machinery/Equipment
	Liquid Waste	Sludge ponds	May have some negative but localized environmental and social impacts	E2	S2	ESMP
		Community septic tanks	May have some negative but localized environmental and social impacts	E2	S2	ESMP
		Vacuum Trucks, Vacuum Handcarts and others	Negligible environmental impacts	E3	S3	NA
	Construction of Waste Water Treatment Plants	May have significant environmental impacts	E1	S2/S1	IEE/EIA as per nature of impacts and Schedule I and II of PEPA Review of IEE/EIA Regulations 2022.	

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
2.	Water Supply					
		Water supply pumps / tube wells	May have negligible environmental impacts	E3	S3	NA
		Overhead reservoirs (OHRs)	May have negligible environmental impacts	E2	S2	ESMP
		Water Supply distribution network	May have some negative to significant environmental and social impacts depending upon the scope of work	E1 or E2	S1 or S2	ESMP for repair and maintenance of existing network or IEE/EIA for new sub-projects as per scope of work and environmental impacts and categorization given in Schedule I and II of PEPA Review of IEE/EIA Regulations 2000
3.	Storm Water Drainage					
	Urban drainage systems Open Drainage System Covered Drains		May have some negative to significant environmental and social impacts depending upon the scope of work	E1 or E2	S1 or S2	ESMP for repair and maintenance of existing systems or IEE/EIA for new sub-projects as per scope of work and environmental impacts and categorization given in Schedule I and II of PEPA Review of IEE/EIA Regulations 2000

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
	Flood control systems		May have some negative to significant environmental and social impacts depending upon the scope of work	E1 or E2	S2	ESMP for repair and maintenance of existing system or IEE/EIA for new sub-project as per scope of work and environmental impacts and categorization given in Schedule I and II of PEPA Review of IEE/EIA Regulations 2000
4.	Connectivity					
	Rehabilitation and maintenance of urban roads ⁴		May have some negative but localized environmental and social impacts	E2	S2S	ESMP
	Pedestrian walkways, Bicycle paths		May have negligible environmental impacts	E2	S2	ESMP
	Streets and security lights, and road signs		May have negligible environmental impacts	E3	S3	NA
	Construction of Bus Workshops		May have some negative but localized environmental and social impacts	E2	S2	ESMP
	Rehabilitation of Bus Stands/Terminals ⁵		May have negligible environmental impacts	E2	E2	ESMP
5.	Social and Livability Infrastructure					

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

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

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
	Urban greenery and public spaces		May have negligible environmental impacts	E2	S2	ESMP
	Construction of Community Parks ⁶		May have some negative but localized environmental and social impacts	E2/E1	S2/S1	ESMP/IEE/EIA
	Rehabilitation /Maintenance of Community Parks		May have negligible environmental impacts	E2	S2	ESMP

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

Section 3: Budget Allocation

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

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

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

Section 4: Monitoring & Supervision

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

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

Annexure E. Project Appraisal

Project ID: 03-16-05-01-01

Project Description : Rehabilitation / Improvement of Parks

Sr. No.	Description	Unit	Value	Remarks
1	Net Present Value (NPV)	Rs.	63	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%
2	Financial Internal Rate of Return (FIRR)	%	35%	FIRR
3	Benefit Cost Ratio (BCR)	Ratio	7.46	BCR= Total Benefits ÷ Total Costs
4	Payback Period	Years	5	PBP= Capital costs ÷ Annual Net Benefits

Year No.	Year	Costs			Benefits				Net (Cost)/ Benefits	PV @ % 22.32	
		Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction	Total Benefits		Discount Factor	PV
		A	B	C=A+B	D	E	F	G=D+E+F		H=G-C	I=(1.22.32) ⁿ
0	2023-2024	50.00		50				-	(50)	1	(50)
1	2024-2025		1.25	1			11.04	11	10	0.82	8
2	2025-2026		1.45	1			12.82	13	11	0.67	8
3	2026-2027		1.69	2			14.89	15	13	0.55	7
4	2027-2028		1.96	2			17.28	17	15	0.45	7
5	2028-2029		2.27	2			20.07	20	18	0.37	6
6	2029-2030		2.64	3			23.31	23	21	0.30	6
7	2030-2031		3.06	3			27.06	27	24	0.24	6
8	2031-2032		3.56	4			31.43	31	28	0.20	6
9	2032-2033		4.13	4			36.49	36	32	0.16	5
10	2033-2034		4.80	5			42.37	42	38	0.13	5
11	2034-2035		5.57	6			49.20	49	44	0.11	5
12	2035-2036		6.47	6			57.14	57	51	0.09	5
13	2036-2037		7.51	8			66.35	66	59	0.07	4
14	2037-2038		8.72	9			77.04	77	68	0.06	4
15	2038-2039		10.13	10			89.46	89	79	0.05	4
16	2039-2040		11.76	12			103.88	104	92	0.04	4
17	2040-2041		13.66	14			120.63	121	107	0.03	3
18	2041-2042		15.86	16			140.07	140	124	0.03	3
19	2042-2043		18.42	18			162.65	163	144	0.02	3
20	2043-2044		21.39	21			188.87	189	167	0.02	3
21	2044-2045		24.83	25			219.32	219	194	0.01	3
22	2045-2046		28.84	29			254.67	255	226	0.01	3
23	2046-2047		33.49	33			295.73	296	262	0.01	3
24	2047-2048		38.88	39			343.40	343	305	0.01	2
25	2048-2049			-				-	-	0.01	-
Total		50	272	322	-	-	2,405	2,405	2,083		63

Assumptions for Financial Appraisal

Costs:

- 1 Capital cost of the Project incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.
- 2 Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.
- 3 Inflation rate is taken for O&M costs @ 16.12%, which is average inflation of last 5 years.

Benefits:

- 4 Benefits include the potential saving in the opportunity cost of vehicles. Project would provide effective protection to the vehicles against the solar radiation and ultraviolet rays, rain, hail, wind, and dust, thereby slowing down the deterioration of vehicles and reducing the cost of maintenance.
- 5 Inflation rate is applied at cost savings @ 16.12%, which is average inflation of last 5 years.
- 6 Residual Value had been taken as nil.

Estimated Project Life:

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

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

Macro-economic Indicators

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

Project ID: 03-16-01-06-01

Project Description : Construction of Underground Water Storage Tank

Sr. No.	Description	Unit	Value	Remarks
1	Net Present Value (NPV)	Rs.	(166)	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%
2	Financial Internal Rate of Return (FIRR)	%	14%	FIRR
3	Benefit Cost Ratio (BCR)	Ratio	2.17	BCR= Total Benefits ÷ Total Costs
4	Payback Period	Years	7.25	PBP= Capital costs ÷ Annual Net Benefits

Year No.	Year	Costs			Benefits				Net (Cost)/ Benefits	PV @ % 22.32	
		Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction	Total Benefits		Discount Factor	PV
		A	B	C=A+B	D	E	F	G=D+E+F		H=G-C	I=(1.22.32) ⁿ
0	2023-2024	100.00		100				-	(100)	1	(100)
1	2024-2025	200.00		200	22.00			22	(178)	0.82	(146)
2	2025-2026	100.00	10.00	110	25.55			26	(84)	0.67	(56)
3	2026-2027		11.61	12	29.66			30	18	0.55	10
4	2027-2028		13.48	13	34.45			34	21	0.45	9
5	2028-2029		15.66	16	40.00			40	24	0.37	9
6	2029-2030		18.18	18	46.45			46	28	0.30	8
7	2030-2031		21.11	21	53.93			54	33	0.24	8
8	2031-2032		24.52	25	62.63			63	38	0.20	8
9	2032-2033		28.47	28	72.72			73	44	0.16	7
10	2033-2034		33.06	33	84.45			84	51	0.13	7
11	2034-2035		38.39	38	98.06			98	60	0.11	7
12	2035-2036		44.57	45	113.87			114	69	0.09	6
13	2036-2037		51.76	52	132.22			132	80	0.07	6
14	2037-2038		60.10	60	153.54			154	93	0.06	6
15	2038-2039		69.79	70	178.29			178	108	0.05	5
16	2039-2040		81.04	81	207.03			207	126	0.04	5
17	2040-2041		94.10	94	240.40			240	146	0.03	5
18	2041-2042		109.27	109	279.15			279	170	0.03	5
19	2042-2043		126.89	127	324.15			324	197	0.02	4
20	2043-2044		147.34	147	376.41			376	229	0.02	4
21	2044-2045		171.09	171	437.08			437	266	0.01	4
22	2045-2046		198.67	199	507.54			508	309	0.01	4
23	2046-2047		230.70	231	589.36			589	359	0.01	3
24	2047-2048		267.89	268	684.36			684	416	0.01	3
25	2048-2049		311.07	311	794.68			795	484	0.01	3
Total		400	2,179	2,579	5,588	-	-	5,588	3,009		(166)

Assumptions for Financial Appraisal

Costs:

- 1 Capital cost of the Project incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.
- 2 Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.
- 3 Inflation rate is taken for O&M costs @ 16.12%, which is average inflation of last 5 years.

Benefits:

- 4 Benefits include the potential saving in the opportunity cost of vehicles. Project would provide effective protection to the vehicles against the solar radiation and ultraviolet rays, rain, hail, wind, and dust, thereby slowing down the deterioration of vehicles and reducing the cost of maintenance.
- 5 Inflation rate is applied at cost savings @ 16.12%, which is average inflation of last 5 years.
- 6 Residual Value had been taken as nil.

Estimated Project Life:

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

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

Macro-economic Indicators

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

Project ID: 03-16-06-01-01

Project Description : Solarization of the municipal buildings

Sr. No.	Description	Unit	Value	Remarks
1	Net Present Value (NPV)	Rs.	75	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%
2	Financial Internal Rate of Return (FIRR)	%	37%	FIRR
3	Benefit Cost Ratio (BCR)	Ratio	22.53	BCR= Total Benefits ÷ Total Costs
4	Payback Period	Years	7.25	PBP= Capital costs ÷ Annual Net Benefits

Year No.	Year	Costs			Benefits				Net (Cost)/ Benefits	PV @ % 22.32	
		Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction	Total Benefits		Discount Factor	PV
		A	B	C=A+B	D	E	F	G=D+E+F		H=G-C	I=(1.22.32) ⁿ
0	2023-2024	50.00	0.25	50				-	(50)	1	(50)
1	2024-2025		0.29	0	11.00			11	11	0.82	9
2	2025-2026		0.34	0	12.77			13	12	0.67	8
3	2026-2027		0.39	0	14.83			15	14	0.55	8
4	2027-2028		0.45	0	17.22			17	17	0.45	7
5	2028-2029		0.53	1	20.00			20	19	0.37	7
6	2029-2030		0.61	1	23.22			23	23	0.30	7
7	2030-2031		0.71	1	26.97			27	26	0.24	6
8	2031-2032		0.83	1	31.31			31	30	0.20	6
9	2032-2033		0.96	1	36.36			36	35	0.16	6
10	2033-2034		1.11	1	42.22			42	41	0.13	5
11	2034-2035		1.29	1	49.03			49	48	0.11	5
12	2035-2036		1.50	2	56.93			57	55	0.09	5
13	2036-2037		1.74	2	66.11			66	64	0.07	5
14	2037-2038		2.03	2	76.77			77	75	0.06	4
15	2038-2039		2.35	2	89.14			89	87	0.05	4
16	2039-2040		2.73	3	103.51			104	101	0.04	4
17	2040-2041		3.17	3	120.20			120	117	0.03	4
18	2041-2042		3.68	4	139.58			140	136	0.03	4
19	2042-2043		4.28	4	162.08			162	158	0.02	3
20	2043-2044		4.97	5	188.20			188	183	0.02	3
21	2044-2045		5.77	6	218.54			219	213	0.01	3
22	2045-2046		6.70	7	253.77			254	247	0.01	3
23	2046-2047		7.78	8	294.68			295	287	0.01	3
24	2047-2048		9.03	9	342.18			342	333	0.01	3
25	2048-2049		10.49	10	397.34			397	387	0.01	3
Total		50	74	124	2,794	-	-	2,794	2,670		75

Assumptions for Financial Appraisal

Costs:

- 1 Capital cost of the Project incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.
- 2 Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.
- 3 Inflation rate is taken for O&M costs @ 16.12%, which is average inflation of last 5 years.

Benefits:

- 4 Benefits include the potential saving in the opportunity cost of vehicles. Project would provide effective protection to the vehicles against the solar radiation and ultraviolet rays, rain, hail, wind, and dust, thereby slowing down the deterioration of vehicles and reducing the cost of maintenance.
- 5 Inflation rate is applied at cost savings @ 16.12%, which is average inflation of last 5 years.
- 6 Residual Value had been taken as nil.

Estimated Project Life:

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

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

Macro-economic Indicators

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

Project ID: 03-16-01-01-01

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.	241
2	Financial Internal Rate of Return (FIRR)	FIRR	%	37%
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	22.53
4	Payback Period	PBP= Capital costs ÷ Annual Net Benefits	Years	7.25

Year No.	Year	Costs			Benefits				Net (Cost)/ Benefits H=G-C	PV @ % 22.32	
		Capital Cost	O&M Cost	Total Cost	Cost saving to society	Direct Revenue	Cost Savings/ Reduction	Total Benefits		Discount Factor	PV
		A	B	C=A+B	D	E	F	G=D+E+F		I=(1.22.32) ⁿ	J=HxI
0	2023-2024	160.00	0.80	161				-	(161)	1	(161)
1	2024-2025		0.93	1	35.20			35	34	0.82	28
2	2025-2026		1.08	1	40.87			41	40	0.67	27
3	2026-2027		1.25	1	47.46			47	46	0.55	25
4	2027-2028		1.45	1	55.11			55	54	0.45	24
5	2028-2029		1.69	2	64.00			64	62	0.37	23
6	2029-2030		1.96	2	74.32			74	72	0.30	22
7	2030-2031		2.28	2	86.29			86	84	0.24	21
8	2031-2032		2.64	3	100.21			100	98	0.20	19
9	2032-2033		3.07	3	116.36			116	113	0.16	18
10	2033-2034		3.57	4	135.12			135	132	0.13	18
11	2034-2035		4.14	4	156.90			157	153	0.11	17
12	2035-2036		4.81	5	182.19			182	177	0.09	16
13	2036-2037		5.58	6	211.56			212	206	0.07	15
14	2037-2038		6.48	6	245.66			246	239	0.06	14
15	2038-2039		7.53	8	285.26			285	278	0.05	14
16	2039-2040		8.74	9	331.24			331	323	0.04	13
17	2040-2041		10.15	10	384.64			385	374	0.03	12
18	2041-2042		11.79	12	446.64			447	435	0.03	12
19	2042-2043		13.69	14	518.64			519	505	0.02	11
20	2043-2044		15.89	16	602.25			602	586	0.02	10
21	2044-2045		18.46	18	699.33			699	681	0.01	10
22	2045-2046		21.43	21	812.06			812	791	0.01	9
23	2046-2047		24.89	25	942.97			943	918	0.01	9
24	2047-2048		28.90	29	1,094.98			1,095	1,066	0.01	8
Total		160	237	397	8,941	-	-	8,941	8,544		241

Assumptions for Financial Appraisal

Costs:

- 1 Capital cost of the Project incorporates both the initial one-off costs such as engineering cost, project construction cost, development cost, procurement cost of equipment, machinery & other assets, utility set up cost, and any other costs to be incurred during the construction period.
- 2 Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.
- 3 Inflation rate is taken for O&M costs @ 16.12%, which is average inflation of last 5 years.

Benefits:

- 4 Benefits include the potential saving in the opportunity cost of vehicles. Project would provide effective protection to the vehicles against the solar radiation and ultraviolet rays, rain, hail, wind, and dust, thereby slowing down the deterioration of vehicles and reducing the cost of maintenance.
- 5 Inflation rate is applied at cost savings @ 16.12%, which is average inflation of last 5 years.
- 6 Residual Value had been taken as nil.

Estimated Project Life:

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

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

Macro-economic Indicators

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

Annexure F. Stakeholder's Consultative Session



Consultative Session - Kot Addu.pdf

City	Date	Consultant Team	MC Team	
			Designation	Name
KotAddu	From 2-May-23 To 2-May-23	Mr. Mudassir	MOI	Mr. Taha
		Mr. Haroon	Sub Engineer	-
			IT	Kaleem Ullah
			RPC	Hammad
			GIS	Mr. Waqas Shafi

Punjab Municipal Development Fund Company (PMDFC)



Punjab Cities Program



Integrated Development and Asset Management Plan (IDAMP)

Consultative Session

Conducted on May 12, 2023

Municipal Committee Kot Addu

Prepared by: Regional Program Coordinator (South)

Agenda

Consultative Session on IDAMP with Stakeholders at MC Kot Addu	
Under Punjab Cities Program (PCP)	
Organizing Date: May 12, 2023	
Time	Activity Description
2:00 PM	Registration of the Participants
2:05 PM	Recitation from the Holy Quran
2:15 PM	Importance of Community participation
2:45 PM	Introduction and Description of the IDAMP activity being performed at MC, its purpose, objective
3:15 PM	Description of main points of IDAMP Framework/guidelines
3:30 PM	Description of main features of IDAMP of respective MC (The developed IDAMP for MC may be discussed as an example)
3:45 PM	Discussion on Projects Identified in IDAMP
4:00 PM	Open Discussion
4:20 PM	Discussion to ensure women participation in the overall process
4:30 PM	Closing of Session

PROCEEDINGS OF SESSION

After registration of participants a brief session was conducted on IDAMP details are given below:

1. Introduction:

The IDAMP Framework sets out the principles/guidelines and policies for efficient and transparent asset management and reporting system. Thus, this Framework is designed to ensure the effective planning, careful management, accurate recording and reliable reporting of all the assets over the asset life cycle for optimized service delivery to the public.

2. Purpose of IDAMP Framework

The key purpose of IDAMP Framework is the effective management of asset portfolio of the MCs in order to achieve service delivery objectives.

- Encourage a consistent approach and a common methodology for development and management of assets.
- Provide guidelines to ensure informed decision making by MCs for investment in and management of those assets which help achieve the service delivery objectives.
- Establish principles for the development of detailed Standard Operating Procedures for implementation and sustainability of IDAMP.

3. Scope of IDAMP Framework:

IDAMP Framework is, in initial phase, applicable to the 16 Municipal Committees (MCs) of Punjab supported by the World Bank-funded Punjab Cities Program (PCP) to strengthen the performance of MCs in urban management and municipal service delivery. These MCs are listed below:

Sr. No.	Northern Punjab	Central Punjab	Southern Punjab
1.	Daska	Gojra	Bahawalnagar
2.	Hafizabad	Jaranwala	Burewala
3.	Jhelum	Jhang	Khanewal

4.	Kamoke	Kamalia	Kot Addu
5.	Muridke	Okara	Vehari
6.	Wazirabad		

Further, this IDAMP Framework provides principles and guidance about the following arenas of asset management:

- Planning of Assets Development of project proposals for rehabilitation/replacement or new assets creation.
- Appraisal of proposed projects.
- Selection of suitable projects for implementation.
- Operation and maintenance (O&M) planning of assets.
- Monitoring and Evaluation of implementation of IDAMP.

4. Legal Authority of IDAMP Framework

It is the responsibility of local governments to manage and develop assets within their jurisdiction, including infrastructure, buildings, land, and public resources.

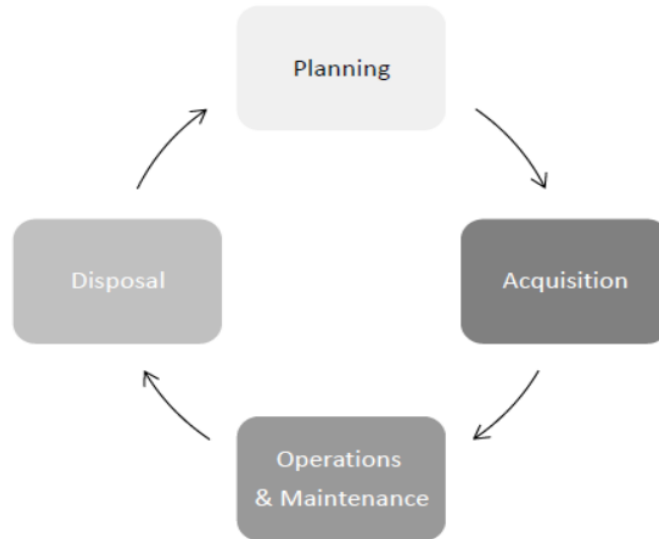
5. Overview of IDAMP/Challenges faced by MCs

- Repetitive Transition in LG System.
- Institutional Fragmentation and Unclear Accountability.
- Weak Systems and Capacities at MCs.
- Weak MC Finances.
- Low Coverage & Quality of the Municipal Services.
- Poor Operation & Maintenance (O&M).
- Lack of multi-year planning for development and asset management.

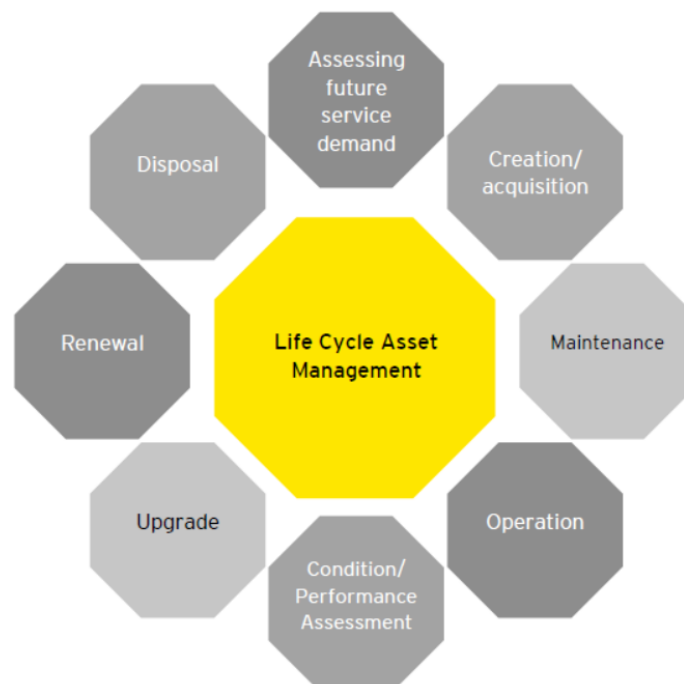
6. Key Concepts

The processes have been derived from the well-established standards like ISO 55000 and International Infrastructure Asset Management Manual (IIMM). The process is contextualized for Punjab Province based on the intensive discussion with the respective officials overseeing the asset management.

Every asset is bound to have certain time period for performing its operations or providing services attributed to it from acquisition to disposal. This is referred to as *Asset Life Cycle*.



Asset Management is related to entire Life Cycle of an asset called Life Cycle Asset Management. After acquisition, the maintenance for operation is done continuously on the basis of assessment of performance or condition as well as for achievement of desired level of service and finally the decision of upgrading, renewal, replacement or disposal is taken.



The coordinated system for carrying out life cycle asset management in an effective and efficient manner is the one known as 'Asset Management System' (AMS). A standard AMS has various components which include asset registration, asset categories, finance, asset maintenance and asset related reports.



7. Key Challenges

- Lack of multi-year planning for development and asset management.
- Weak Systems and Capacities.
- Non-availability of an effective asset management system.
- Lack of well-defined system for the prioritization of projects.
- Poor Operation & Maintenance (O&M).

8. Objectives of IDAMP

- The importance of physical assets to delivering service delivery objectives and outcomes.
- The quality of existing physical assets in terms of condition and asset performance.
- The assets needed to meet or sustain current levels of service, and to address current and future shortfalls.
- The feasible asset solutions to address identified shortfalls.
- The level of commitment and planned improvements.

9. Key Benefits of IDAMP

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

10. Asset Portfolio Analysis

- Asset Condition Assessment:
 - i. Its age.
 - ii. Its operating environment (what weather etc. it is exposed to).
 - iii. Its apparent wear and tear.
 - iv. Asset's performance.
 - v. Asset's contribution to service delivery.

11. Asset Portfolio Analysis

- Asset Risk Management

1. Physical Condition

Physical Condition	New/Excellent Condition	Minor Defects Only	Moderate Deterioration	Significant Deterioration	Unserviceable
Score	1	2	3	4	5

2. Asset Performance (KPIs)

Performance (KPIs)	Meets Performance Targets	Minor Performance Deficiencies	Considerable Performance Deficiencies	Major Performance Deficiencies	Doesn't Meet Performance Targets
Score	1	2	3	4	5

3. Asset reliability

Reliability	As Specified by Manufacturer	Random Breakdown	Occasional Breakdown	Periodic Breakdown	Continuous Breakdown
Score	1	2	3	4	5

Asset Condition Rating

An average score shall then be calculated by the department technical team and final score shall be awarded on the basis of average score of all the factors.

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

12. Methodology for the IDAMP

Step 1: Development of GIS based Assets Inventory

Step 2: Notification of Level of Service (LOS)

Step 3: Development of Project Proposals

Step 4: Operations and Maintenance (O&M) Costs Planning

Step 5: Financial Capacity Analysis

Step 6: Projects Screening and Phasing

Step 7: Finalization of Integrated Development and Asset Management Plan

13. Monitoring and Evaluation of IDAMP

- Establishment of M&E Unit
 - i. A Monitoring and Evaluation (M&E) Unit shall be established for continuous monitoring of implementation and compliance of the IDAMP.
 - ii. Chief Officer of the concerned Local Government (MC) shall nominate a Municipal Officer (MO) who shall not be part of Technical Team of IDAMP or may create an independent unit with name of Monitoring and Evaluation Unit.
- Monitoring and Evaluation of IDAMP
 - a) Ensure that Asset Management System (AMS) is updated in all aspects.
 - b) Carry out monitoring of:
 - i. Levels of services.
 - ii. Performance of an asset, including financial and non-financial performance.
 - iii. The effectiveness of the asset management system.
 - c) M&E Unit shall receive and evaluate the following reports from the entity and Asset Managers:
 - i. Report on Key Performance Indicators (Target vs Achieved).
 - ii. Report on projects implementation status.
 - iii. Report on any hindrance observed while implementing the project.
 - d) Evaluation of projects implemented during the year and its status with respect to IDAM Plan developed
 - e) Conduct Internal Audit at planned intervals to identify and address potential gaps in system and identify opportunities for performance improvement.
 - f) Review the entity's asset management policies, procedures and systems, at planned intervals, to ensure its continuous improvement, adequacy, suitability and effectiveness.
 - g) Provide recommendation and guidelines to IDAMP Team.

Attend Sheet of Session

Municipal Committee Kot Addu
Consultative Session for IDAMP
Attendance Sheet

Dated: 12.05.2023

Venue:

Sr #	Name	Contact Number	Resident Address	Gender	Occupation	Sign
1	Khaled Mahmood	0300445460	MOCF)	male		
(2)	M. TAHIR HUSSAIN	0304070274	MOCIAS)	Male		
3	WAGAS SHAFI	0321200263	GIS officer	male		
	Shiaffat Ali	0338600581	Social worker.	Male		
4	Shamara Nalofi	0333600761	official of MC Kot Addu	F. Male		
5	Sobia	03306007514	Social worker.	F. Male		
6	Nauka	03085971558	Social worker.	F. Male		
7	Sajida	03346923395	Social worker	F. Male		
8	Khadija	03346923394	Social worker	F. Male.		
09	Hasnain Hussain	03002323457	Sub Engineer MLC Kot Addu	Male		
10	Muhammad Yousaf	03476001530	Social Worker			
	Sajdar Abbas	0353-6096500				
11	Isham Mustafa	03351083972	H.O. (I)	Male		
12	Ammal Chishti	0345-718308	Social worker	male		
13	M. Shabir Ahmad	0345-9071926	disable person.	male		
14	Shahid Nadeem	0353-7435620	NGO	Male		
15	M. Iqbal	0301-7389306	NGO	Male		
16	Tahir Muzak	0341-707209	CITIZEN	Male		
17	Amir Yousof	0345	citizen.	Male		
18	Mohamud	4757287				

0333 6005443

Verified by MC, COA
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12/05/23

During Session and Participants Pictures





Minutes of Meetings with Stakeholders for their Concerns					
Sr. No.	Agency / Department / Stakeholder	Date	Time	Representative	Issues / Needs / Preferences
1.	MC-Kot Addu	May 12, 2023	2:15 PM – 3:00 PM	Mr. Waqas Shafi (GIS Officer)	<p>Gave a clear understanding and introduction regarding the main features of project.</p> <p>Urgency and severity of present problems and issues in each sector of Kot Addu City.</p> <p>Sectoral planning and design of sectors, prioritized till 2030.</p> <p>Sectoral planning of sectors, prioritized till 2050.</p> <p>Insurance of Unit focusing on urban management and improvement of municipal services infrastructure for satisfactory service delivery.</p> <p>The allied facilities and a good infrastructure will be provided to the locals by prioritization of sectors.</p>
2.	MC-Kot Addu	May 12, 2023	3:00 PM – 4:00 PM	Mr. Taha Hussain (MO I&S)	<p>World Bank has started a great initiative to address the needs of general public.</p> <p>Unit officials will put all effort for the successful outcome of the project.</p> <p>All projects will be taken as per the suggestions and recommendation of the participants.</p> <p>Issues must be resolved with inclusive approach and collective wisdom.</p> <p>Community knows best about the issues occurring in the community that's why community engagement has been done at this level</p> <p>Committees will be established in each community for cleanliness of area</p>

					<p>State of the art machinery will be procured in next 2-3 months for solid waste management.</p> <p>Geo tagging of containers will be done for monitoring of the solid waste collection operations.</p> <p>All facilities including installation of dust bins, ducts for cabling etc. to be ensured during the design of roads.</p>
3.	Social Worker	May 12, 2023	4:00 PM – 4:30 PM	Ms. Sobia (Social Worker)	Entertainment and recreational facilities must be included. Project is good if implemented properly in MC-Kot Addu. People will get facilitated in better way.
4.	Social Worker	May 12, 2023	4:00 PM – 4:30 PM	Ms. Naila (Social Worker)	Kot Addu is backward area. Citizens face flood problem there should be a system for drainage of flood water, and water treatment plant must be planned. MC is throwing waste water of city in canals which is contaminating clean water.
5.	Social Worker	May 12, 2023	4:00 PM – 4:30 PM	Ms. Khadija (Social Worker)	Contamination of water is too much in Kot Addu. There should be proper solution of it. In Monsoons season bazars and streets get flooded with rain water because of proper drainage. This problem should be catered in such projects to provide a healthy environment.
6.	NGO Representative	May 12, 2023	4:00 PM – 4:30 PM	Shahid Nadeem (NGO Representative)	Appreciated the step of The World Bank and PMDFC for socializing of projects. Before, it's public mentality that all grants issued to MC goes in pockets of MC and government officials. Such session from all other donors must be conducted for awareness of general public.

Closing of Session:

Overall the session was interactive and a great success in which healthy sharing of views took place. Session was closed with note of thanks.