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 Daska

June 2023

Table of Contents

List of Tables

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 immoveable, at the MC level to elucidate the foundation for the development of IDAMP.

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

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

1.2. Scope

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

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	10%
3	GST (Ground Storage Tank) /OHR	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 Daska. 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 Daska. 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 informaiton was then shared with the MC Daska 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 Bauru 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.
- Rrough cost estimates (Capital and Operational & Maintenance) was performed on the basis of Market Rating System (MRS) and Non MRS rates of items.
- Identified projects were evaluated on the basis of project screening and phasing criteria prescribed in the IDAMP Framework.
- The cost and book value of assets have been provided by the PMDFC staff.

02 Overview – Municipal Committee Daska

Section 2. Overview – Municipal Committee Daska

2.1. Introduction

The city of Daska is situated at 70°-20′ East and 30°-16' north at a distance of 110 km from Lahore. Daska tehsil was once the biggest tehsil in Pakistan, containing almost 400 villages. There are a number of agricultural machinery manufacturers based in Daska Being surrounded by big industrial cities such as Gujranwala and Sialkot, Daska has a very healthy employment rate. The urban area of Daska is no more than 3 kilometers (1.9 mi) in length.[1]

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

2.2. Functions of Municipal Committee Daska

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;

[1] https://mcdaska.lgpunjab.org.pk/

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

03 Existing Asset Inventory Analysis

Section 3. Existing Asset Inventory Analysis

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

Table 1: Asset Summary

Sr No.	Asset Category	Asset Sub-Category	Unit	Total
1	Water Supply System	Tube wells	No.	7
		OHR	No.	2
		Water Supply Network	Meter	69,704
		Filtration Plants	No.	10
		Movable Assets (Vehicles/Machinery)	No.	1
2	Sewerage System	Sewerage Network	Meter	28521
		Disposal Stations	No.	3
		Movable Assets (Vehicles/Machinery)	No.	40
3	Solid Waste Management System	Dumping site	No.	1
		Movable Assets (Vehicles/Machinery)	No.	491
4	Public Places	Parks	No.	1
		Open Spaces / Plots	No.	5
		Bus Stand	No.	1
		Library	No.	1
		Slaughter Houses	No.	1
		Graveyards	No.	6

Sr No.	Asset Category	Asset Sub-Category	Unit	Total
5	Buildings	Shops	No.	21
		Office buildings	No.	2
6	Street lights	Street lights	No.	528
7	Roads	Roads	Km	18.75
8	Office vehicles	Office vehicles	No.	1

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	Unit	Asset Condition					Total
				Excellent (A)	Good (B)	Fair (C)	Poor (D)	Failing (E)	
1	Water Supply System	Tube wells	No.	-	2	3	2		7
		OHR	No.	-	-	1	-	1	2
		Water Supply Network	Meter	-	-	-	-	69,704	69,704
		Filtration Plants	No.	-	5	4	-	1	10
		Movable Assets (Vehicles/Machinery)	No.	-	-	1	-		1
2	Sewerage System	Sewerage Network	Meter	3,113	-	20,170	-	5,240	28,521
		Disposal Stations	No.	-	-	2	1	-	3
		Movable Assets (Vehicles/Machinery)	No.	-	14	26	-	-	40
3	Solid Waste Management System	Dumping site	No.	-	-		1	-	1
		Movable Assets (Vehicles/Machinery)	No.	483	-	8	-	-	491

Sr No.	Asset Category	Asset Sub-Category	Unit	Asset Condition					Total
				Excellent (A)	Good (B)	Fair (C)	Poor (D)	Failing (E)	
4	Public Places	Parks	No.	-	-		-	1	1
		Open Spaces / Plots	No.	-	-	5	-	-	5
		Bus Stand	No.	-	-		1	-	1
		Library	No.	-	-	1		-	1
		Slaughter Houses	No.	-	-		1	-	1
		Graveyards	No.	-	-	6	-	-	6
5	Buildings	Shops	No.	-	21	-	-	-	21
		Office buildings	No.	-	1	1	-	-	2
6	Street lights	Street lights	No.	421	-	-	-	107	528
7	Roads	Roads	Km	-	-	3	15.75	-	18.75
8	Office vehicles	Office vehicles	No.	-	-	1		-	1

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

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 levek of service are carried out.

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

The Current and Target level of service for MC Daska are provided here under:

Table 3: Current & Target LOS

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	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.	62%	62%		
	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	7.6	9.9	Replacement of the Tube well Pumps	2024-25
	Non-revenue water %	Difference between total water produced (ex - treatment plant) and total water sold expressed as a percentage of total water produced.	40%	40%		
	Unit operational cost for water produced (PKR)	Total annual operating expenses divided by the total annual water of water produced.	0.06	0.05	Rehabilitation of Over Head Reservoirs	2025-26

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Project Name	Timeframe (FY)
	Water supply staff per 1000 water connections (Number)	Total number of water supply staff expressed as per thousand water connections.	4.4	4.4		
	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.	38%	38%		
	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.	55%	46.5%	Solarization of Tube wells and Water Supply System	2023-2024
	Unfit water samples %	Total number of unfit water samples (not conforming with the requirements of NEQ) expressed as a percentage of total samples taken.	N/A	Compliance with NEQ standards i.e. potable water	Repair of Filtration Plant & Rehabilitation of Filtration Plant	2024-2025
	Continuity of service hours / day	Average hours of service per day for water supply. (Average operational hours of tube well per day)	12	12		
	Water Supply Complaints %	Total number of water supply complaints per year expressed as a percentage of the total number of water supply connections.	1.06%	Improved service quality would result in fewer complaints	Replacement of the Tube well Pumps	2024-25
	Operational cost coverage ratio	Total annual operational revenues/Total annual operating cost.	9%	10.4%	Solarization of Tube wells and Water Supply System	2023-2024

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Project Name	Timeframe (FY)
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)	52%	52%		
	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	8	4	Rehabilitation of 36" i/d Damaged Sewer Line Along Stadium Road in Daska City	2023-2024
	Sewerage staff per 1000 sewerage connections (Number)	Total number of sewerage staff expressed as per thousand sewerage connections	0.14	0.14		
	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.	0%	0%		
	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.	0%	0%		
	Sewerage Complaints (%)	Total number of sewerage complaints per year expressed as a percentage of the total number of sewerage connections.	0.67%	0.39%	Rehabilitation of 36" i/d Damaged Sewer Line	2023-2024

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Project Name	Timeframe (FY)
					Along Stadium Road in Daska City	
Storm water drainage;	Storm water drainage coverage (%)	The percentage of MC area that the drainage system protects from flooding.	52%	70%	Construction of Strom Water Drainage System in Daska City (Zone-I and Zone-II)	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.	45%	45%		
	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	78%	78%		
	Primary SWM Coverage each day in Roads (%)	Primary SWM Coverage each day in Roads	35%	35%		
	Private Sector Primary Collection (Number)	Private Sector Primary Collection	N/A	N/A		
	Open collection points (Number)	Number of open collection points	15	15		
	Secondary collection machinery (Number)	Secondary collection machinery	18	18		
	Adequacy of parking facilities for SWM vehicles	Adequacy of parking facilities for SWM vehicles	Yes	Yes		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Project Name	Timeframe (FY)
	Waste transported in covered vehicles (%)	Waste transported in covered vehicles	NIL	NIL		
	Sufficiency of existing dumping area	Sufficiency of existing dumping area i.e. landfill site	Yes	Yes		
	Mechanism for final disposal	Is there any mechanism for final disposal?	No	No		
Roads and streets;	Roads with condition "A" (Excellent) %	Total number of roads with condition "A" expressed as a percentage of total roads.	0%	0%	1.Improvement of Roads & Chowks. 2.Provision Of Concrete Tuff Pavers on three Roads Of Daska City. 3.Improvement & Rehabilitation of P1-Awami Road in Daska City.	2023-2024
	Roads with condition "B" (Good) %	Total number of roads with condition "B" expressed as a percentage of total roads.	0%	14%		
	Roads with condition "C" (Fair) %	Total number of roads with condition "C" expressed as a percentage of total roads.	16%	16%		
	Roads with condition "D" (Poor) %	Total number of roads with condition "D" expressed as a percentage of total roads.	84%	70%		
	Roads with condition "E" (Failing) %	Total number 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	100%	100%		
Streetlighting;	Streetlight coverage. (%)	Percentage of area/roads with streetlights.	7%	10%	Provision and installation of Street Lights in Daska City	2023-2026
	Working Streetlight (%)	Percentage of working streetlights as of total streetlights.	80%	80%		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	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. %	0.2%	0%		
	Parks with condition "A" (Excellent) %	Parks with condition "A" expressed as a percentage of total parks.	0%	0%	Rehabilitation / Improvement of Shah Wali Park	2025-2026
	Parks with condition "B" (Good) %	Parks with condition "B" expressed as a percentage of total parks.	0%	100%		
	Parks with condition "C" (Fair) %	Parks with condition "C" expressed as a percentage of total parks.	0%	0%		
	Parks with condition "D" (Poor) %	Parks with condition "D" expressed as a percentage of total parks.	0%	0%		
	Parks with condition "E" (Failing) %	Parks with condition "E" expressed as a percentage of total parks.	100%	0%		
	Parks as percentage of total MC area. %	Parks as percentage of total MC area. %	0.1%	0.1%		
Graveyards;	Graveyards as percentage of total MC area. %	Graveyards as percentage of total MC area. %	0.3%	0.3%		
	Graveyards with condition "A" (Excellent) %	Total area of graveyards with condition "A" expressed as a percentage of total area of graveyards.	0.0%	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.	100%	100%		

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	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%	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	`1:179.25	1:179.25		
	Adequacy of facilities at bus stands	Adequacy of facilities at bus stands	No	Yes	Improvement and Rehabilitation of Bus Stand	2024-2025
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	2025-2026
Municipal libraries;	Total number of Libraries per 100,000 persons	Total number of Libraries per 100,000 persons	0.43	0.43		
	Adequacy of facilities in library	Adequacy of facilities in library in terms of books, computers, furniture, air-conditioning, lighting, drinking water etc.	No	Yes	Rehabilitation of Library	2023-2026
Buildings	Buildings with condition "A" (Excellent) %	Total number of buildings with condition "A" expressed as a percentage of total number of buildings.	-			

Functions of MCs (municipal services)	Level of Service Indicators	Description	Current LOS	Target LOS	Project Name	Timeframe (FY)
	Buildings with condition "B" (Good) %	Total number of buildings with condition "B" expressed as a percentage of total number of buildings.	50%			
	Buildings with condition "C" (Fair) %	Total number of buildings with condition "C" expressed as a percentage of total number of buildings.	50%			
	Buildings with condition "D" (Poor) %	Total number of buildings with condition "D" expressed as a percentage of total number of buildings.	-			
	Buildings with condition "E" (Failing) %	Total number of buildings with condition "E" expressed as a percentage of total number of buildings.	-			
	Solar Penetration Index (SPI) %	The Solar Penetration Index (SPI) measures the percentage of MC office buildings that have successfully undergone solarization.	0%	100%	Solarization of the municipal buildings	2023-2024

Notes:

- While achieving the target level of service, MC shall ensure conformance with applicable laws and regulations including but not limited to land use planning, building control, environmental and social considerations.
- Environmental and social considerations are provided in Annex D.
- Comprehensive list of LOS indicators is provided in IDAMP Framework, please refer to section 5, however, certain LOS indicators are not applicable to MC Daska such as metered water connections, firefighting coverage.
- 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 Capital Cost	2023-24		2024-25		2025-26		Project Screening (Score)
					Capital	O&M	Capital	O&M	Capital	O&M	
				(Millions)							
1	01-01-01-01-01	Improvement and rehabilitation of Water Supply Scheme in MC Daska	Water Supply	275.00	275.00	13.75	-	13.75	-	13.75	87
2	01-01-01-04-01	Repair of Filtration Plant	Water Supply	2.00	-	-	2.00	0.20	-	0.20	74
3	01-01-01-04-02	Rehabilitation of Filtration Plant	Water Supply	2.00	-	-	2.00	0.20	-	0.20	74
4	01-01-01-03-01	Rehabilitation of Over Head Reservoirs	Water Supply	2.50	-	-	-	-	2.50	0.06	62
5	01-01-01-01-02	Improvement and rehabilitation of Water Supply Scheme in MC Daska	Water Supply	6.00	-	-	6.00	0.30	-	0.30	74
6	01-01-01-06-01	Construction of Underground Water Storage Tank	Water Supply	400.00	200.00	-	100.00	-	100.00	10.00	87
7	01-01-02-01-01	Construction of Strom Water Drainage System in Daska City (Zone-I and Zone-II)	Sewerage	1,008.81	504.41	-	504.41	10.09	-	10.09	87

Sr. No.	Project ID	Project Name	Asset Category	Total Capital Cost	2023-24		2024-25		2025-26		Project Screening (Score)
					Capital	O&M	Capital	O&M	Capital	O&M	
				(Millions)							
8	01-01-02-01-02	Rehabilitation of 36" i/d Damaged Sewer Line Along Stadium Road in Daska City	Sewerage	80.37	80.37	2.01	-	2.01	-	2.01	86
9	01-01-02-02-01	Replacement of Screening in Pasrur Road Disposal Station	Sewerage	1.60	-	-	-	-	1.60	0.04	64
10	01-01-04-01-01	Improvement of Roads & Chowks	Roads	1,100.00	1,100.00	55.00	-	55.00	-	55.00	81
11	01-01-04-03-01	Provision and installation of Street Lights in Daska City	Streetlights	137.12	68.56	-	68.56	3.43	-	3.43	80
12	01-01-05-01-01	Rehabilitation / Improvement of Shah Wali Park	Parks	90.00	-	-	-	-	90.00	3.20	67
13	01-01-05-04-01	Improvement and Rehabilition of Bus Stand	Bus Stand	127.50	-	-	127.50	3.19	-	3.19	74
14	01-01-05-06-01	Rehabilitation of slaughter house	Slaughterhouse	87.13	-	-	-	-	87.13	2.18	62
15	01-01-05-05-01	Rehabilitation of Library	Buildings	1.10	-	-	-	-	1.10	0.01	62
16	01-01-06-01-01	Solarization of the municipal buildings	Buildings	200.00	200.00	1.00	-	1.00	-	1.00	80
17	01-01-01-01-03	Solarization of Tube wells and Water Supply System	Water Supply	180.00	180.00	0.90	-	0.90	-	0.90	80
18	01-01-04-01-02	Provision Of Concrete Tuff Pavers on three Roads Of Daska City	Roads	65.33	65.33	3.27	-	3.27	-	3.27	80
19	01-01-04-01-03	Improvement & Rehabilitation of P1-Awami Road in Daska City	Roads	82.40	82.40	4.12	-	4.12	-	4.12	80

Sr. No.	Project ID	Project Name	Asset Category	Total Capital Cost	2023-24		2024-25		2025-26		Project Screening (Score)
					Capital	O&M	Capital	O&M	Capital	O&M	
				(Millions)							
20	01-01-02-02-02	Solarization for Disposal Stations in Daska City	Sewerage	58.15	58.15	0.29	-	0.29	-	0.29	80
Total				3,907.01	2,814.22	80.34	810.47	97.74	282.33	113.23	

5.1. Detail of proposed projects:

The following section provides high-level particulars of the identified projects, serving as a point of reference for creating planning documents and PC forms[2]:

Table 5: Projects Detail

Sr. No.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
1	Water Supply	Improvement and rehabilitation of Water Supply Scheme in MC Daska	Increase water supply capacity Improve water quality Reduce maintenance downtime Save energy and reduce operating costs Enhance overall system performance Increase water supply reliability Minimize risk of system disruptions Ensure safe and clean drinking water Extend the lifespan of the water supply system Improve pumping efficiency.	Replacement of outlived water supply distribution system,Construction of OHRs & GSTs, Rehabilitation of Tubewells,Installation of new Tubewells	275	13.75	Daska City
2	Water Supply	Improvement and rehabilitation of Water Supply	Increase water supply capacity Improve water quality Reduce maintenance downtime Save energy and reduce operating costs	Replacement of 1 pumpsets Installation of capacitors	6	0.3	Daska City

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

Sr. No.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
		Scheme in MC Daska	Enhance overall system performance Increase water supply reliability Minimize risk of system disruptions Ensure safe and clean drinking water Extend the lifespan of the water supply system Improve pumping efficiency.				
3	Water Supply	Construction of Underground Water Storage Tank	The main objectives are - To supply safe drinking water ub sufficient quantity at doorsteps of consumers with reasonable cost - To encourging personal hygiene anad household cleanliness of users - Reduction of water borne diseases - Reduction in medical expenditures - Improvement in environment of the city	Design and Engineering Site Preparation Excavation and Earthwork Foundation Works Masonary Works Coation and Insulation Piping and Connection Concrete Works	400	10	Daska City
4	Water Supply	Repair of Filtration Plant	Improve water quality standards. Increase the capacity of the filtration system. Reduce maintenance and operating costs. Improve the reliability of the filtration system. Extend the lifespan of the filtration system. Ensure compliance with regulatory requirements. Enhance public health and safety. Increase the efficiency of the filtration process. Reduce the risk of waterborne illnesses. Improve the overall performance of the filtration system.	Filtration plant components & piping ‣ Pumping unit ‣ Control panel ‣ Service cable ‣ Ultraviolet lamp ‣ Building structure & its components ‣ Take away hall condition	2	0.2	Mohallah Ban wala, Sambrial Road, College Road, Old Katcheri Road
5	Water Supply	Rehabilitation of Filtration Plant	Improve water quality standards. Increase the capacity of the filtration system. Reduce maintenance and operating costs. Improve the reliability of the filtration system. Extend the lifespan of the filtration system.	Filtration plant components & piping ‣ Pumping unit ‣ Control panel ‣ Service cable	2	0.2	Mission Compound

Sr. No.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			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.	▸ Ultraviolet lamp ▸ Building structure & its components ▸ Take away hall condition			
6	Water Supply	Rehabilitation of Over Head Reservoirs	Increase storage capacity and availability of water. Ensure structural integrity and safety of the reservoir. Improve water quality standards. Enhance operational efficiency. Increase reliability of water supply. Minimize water losses and wastage. Optimize reservoir filling and emptying operations. Extend the lifespan of the reservoir. Reduce maintenance and operating costs. Ensure compliance with regulatory requirements.	Rising main material & condition ▸ Delivery main material & condition\ ▸ Overflow and scour pipes material & condition ▸ Sluice valves in rising, delivery, scour and overflow pipes. ▸ Valves and overflow chambers ▸ Staircase ▸ Tank top railing ▸ Lightening arrester and earthing conductor ▸ Top indication light ▸ Overflow water disposal arrangements and condition ▸ OHR apron-type & condition ▸ Approach- type and condition ▸ Boundary wall and gate	2.5	0.0625	College Road
7	Sewerage	Construction of Strom Water Drainage System in Daska City (Zone-I and Zone-II)	1. Disposal of the rainwater and provide safety to pedestrians and traffic. 2. Reduction in road accidents. 3. Security of people traveling on the roads. 4. Improvement of environments of the city. 5. Reduction in urban flooding; 6. Alleviating the pressure from existing sewerage system.	Construction of storm drains Construction of storm drains culverts Construction of outfall structure Desilting of seepage/storm water drain Desilting of existing syphon Construction of pumping station	1008.81	10.08	Daska City(Zone 1 &2)

Sr. No.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			7. Elimination of damages to the public as well as private property due to urban flooding 8. Reduction of damages to the road infrastructure due to water stagnancy. 9. Reduction of R&M cost of road infrastructure. 10. Prevention of water contamination and deterioration of its quality; 11. Contributing to the sustainability of urban spaces, making them more resilient to change				
8	Sewerage	Rehabilitation of 36'' i/d Damaged Sewer Line Along Stadium Road in Daska City	The Project aims at replacement of the damaged sewer line along Stadium Road for relieving the general public from waste water flooding in its catchment area. The outfall sewer of 36" dia has settled down and is creating waste water flooding in its catchment area thus damaging the public as well as private properties. The objective of this sunproject is to relieve the inhabitants from the frustration of obnoxious smell, refusal of approach to commercial and domestic areas and other issue related with it. Hence, the objectives of the project are in line with the sector objectives mentioned at Sr. No-1 and 7 above and the project forms integral part of the concerned sector.	Replacement of damaged 36''i/d Sewer line with new 36''i/d Under Water Sewer line -Construction of Man Hole Chambers 6.5' DIA 14.14' Average depth for 36" i/d under water Sewer. Construction of RCC Sullage Carrier from Disposal works to existing drain along stadium road Construction of RCC Sullage Box Culvert for Stadium road crossing Rehabilitation of Stadium Road Electrical Works of Stadium Road Desilting of Existing Sullage Carrier/Storm Water Drain Tuff Pavers in Disposal Station Sewer House Connections	80.369	2.01	Stadium Chowk Daska
9	Sewerage	Replacement of Screening in Pasrur	Ensure compliance with sanitation and hygiene standards. Improve the welfare and treatment of	Replacing of screen in the screen chamber	1.6	0.04	Pasrur Road

Sr. No.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
		Road Disposal Station	animals. Enhance public health and safety. Increase the efficiency of the slaughter process. Reduce operating costs and increase profitability. Upgrade facilities and equipment to meet modern standards. Minimize the impact on the environment. Ensure compliance with regulatory requirements. Improve working conditions for employees. Improve the overall performance of the slaughterhouse.				
10	Roads	Improvement of Roads & Chowks	1. Improvement of service delivery level of the municipal services in the sector of communication. 2. Better travelling facilities for the commuters. 3. Reduction in road accidents. 4. Saving in travelling and repair cost of the vehicles. 5. Reduction in annual maintenance charges of roads and parks 6. Better lit roads and streets adding to security of people travelling at night. 7. Improvement in environments of the city making them livable. 8. Improvement in local and province economy. 9. Improvement in the economic growth potential of the city.	P1- Awami Road P2- Pasrur Road P2- Wazirabad Road P2- College Road P4- College Road CP-1 Fawara Chowk CP-2 College Chowk CP-3 Clock Tower Chowk CP-4 Rest House Chowk CP-5 Sambrial Chowk CP-6 Chungi No. 8 Chowk CP-7 Pasrur Bypass Chowk	1100	55	Awami Road Pasrur Road Wazirabad Road College Road Fawara Chowk College Chowk Clock Tower Chowk Rest House Chowk Sambrial Chowk Chungi No. 8 Chowk Pasrur

Sr. No.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
							Bypass Chowk)
11	Streetlights	Provision and installation of Street Lights in Daska City	Enhance public safety and security by providing adequate lighting. Improve visibility for motorists and pedestrians. Increase the overall quality of street lighting. Reduce energy consumption and operating costs. Promote energy efficiency and sustainability. Improve the aesthetics of the area. Enhance the functionality of the street lighting system. Improve reliability and reduce maintenance downtime. Ensure compliance with regulatory requirements. Increase the lifespan of the street lighting system.	Installation of LEDs at all non-functional MC operated streetlights	137.12	3.428	Daska City
12	Parks	Rehabilitation / Improvement of Shah Wali Park	1. To reduce urban heat island effect. 2. To provide active and passive recreational opportunities 3. To contribute to the health and wellness of a community 4. To create valuable green space 5. To combat air pollution caused by vehicles and industries 6. Improvement in environments of the city making them livable. 7. Improvement in local and province economy. 8. Improvement in the economic growth potential of the city.	1 Guard Room 2 Toilet Block 3 Tuck Shop 4 Prayer Room 5 Gardener Room 6 Shopping + Sitting Area 7 Store Room 8 Bird Cage 9 BBQ Pit (2 Nos.) 10 Gazebo (4 Nos.) 11 Badminton (2 Nos.) 12 Volley Ball 13 Rainwater Recharge Well 14 Percolation Well & Drainage System	90	2.25	Shah Wali Park Daska City

Sr. No.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
				15 Boundary Wall 16 Other Facilities 17 External Works			
13	Bus Stand	Improvement and Rehabilition of Bus Stand	1. Provision of disciplined travelling facilities to the people. 2. Provision of waiting facilities for the travelers in the form of respectable sitting, ablution & prayer, drinking water, toilets, shopping and ticketing. 3. Provision of car parking facilities to the public, 4. Rickshaw stand facilities 5. Revenue generation from shops and parking lot 6. Improvement in the air pollution in city area due to parking and waiting by the buses 7. Reduction in the traffic congestion created by buses at various locations of the city 8. Effective protection of the buses against the solar radiation and Ultraviolet rays, rain, hail, wind, and dust. 9. Slowing down the deterioration of buses, therefore reducing the amount of maintenance. 10. Improvement in the economic growth potential of the city.	'- General Bus Stand main building along will all allied facilities - Drainage System - Illumination and electrical works - Boundary wall and gates	127.50	3.1875	Bank Road
14	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	▸ Boundary wall and gate ▸ Doctor's room ▸ Slaughtering hall ▸ Evisceration hall ▸ Meet cutting room ▸ Blood collection arrangements ▸ Water supply systems ▸ Skin storage room	87.13	2.18	Pasrur Road

Sr. No.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
			profitability. Upgrade facilities and equipment to meet modern standards. Minimize the impact on the environment. Ensure compliance with regulatory requirements. Improve working conditions for employees. Improve the overall performance of the slaughterhouse.	▸ Waste water disposal system ▸ Solid waste collection and disposal system ▸ Health and Hygiene SOPs ▸ Separate Facility for Sick Animals ▸ Tools Disinfectant System			
15	Librrary	Rehabilitation of Library	1.The project's main objective is to illuminate the main roads and provide safety to pedestrians and traffic. 2. Reduction in road accidents. 3. Security of people traveling at night. 4. It also enhances the aesthetic beauty of the city	Conference/Meeting Room Separate Washroom for Ladies Proper book shelves Proper sitting area More lights Separate Parking area A computer room Digital record keeping system	1.1	0.006	Daska City
16	Buildings	Solarization of the municipal buildings	The primary objectives of solarization are as follows: a) Enhance Sustainability: By generating clean and renewable energy, the project can reduce its environmental impact and contribute to sustainable development. b) Reduce Carbon Footprint: Solar PV systems produce electricity with zero greenhouse gas emissions, helping to mitigate climate change and improve air quality. c) Cut Down Energy Costs: Utilizing solar energy can significantly reduce reliance on conventional grid electricity, resulting in long-term cost savings and improved financial viability.	Solarization of the municipal buildings based on the site load and installation capacity assessment	200	1	Daska City

Sr. No.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
17	Water Supply	Solarization of Tube wells and Water Supply System	The primary objectives of solarization are as follows: a) Enhance Sustainability: By generating clean and renewable energy, the project can reduce its environmental impact and contribute to sustainable development. b) Reduce Carbon Footprint: Solar PV systems produce electricity with zero greenhouse gas emissions, helping to mitigate climate change and improve air quality. c) Cut Down Energy Costs: Utilizing solar energy can significantly reduce reliance on conventional grid electricity, resulting in long-term cost savings and improved financial viability.	Solarization of the tubewells based on the site load and installation capacity assessment. Tubewell solarization project scope involves converting conventional water pumping systems into solar-powered ones to ensure sustainable and energy-efficient water supply for rural needs.	180	0.9	Daska City
18	Roads	Provision Of Concrete Tuff Pavers on three Roads Of Daska City	"1. Improvement of service delivery level of the municipal services in the sector of communication. 2. Better travelling facilities for the commuters. 3. Reduction in road accidents. 4. Saving in travelling and repair cost of the vehicles. 5. Reduction in annual maintenance charges of roads and parks 6. Better lit roads and streets adding to security of people travelling at night. 7. Improvement in environments of the city making them livable. 8. Improvement in local and province economy. 9. Improvement in the economic growth potential of the city."	Laying of Tuff Pavers, Brick Work of Toe Wall, enhancement in Quantity of Excavation, and Borrow Earth filling	65.3	3.2	"1) Sheller Wala Galla Road 2) Barkat Town Road 3) Jamshaid Road"

Sr. No.	Service Sector	Project Name	Project Objectives	Project Scope	Capital Cost (million)	Recurrent O&M Cost (million)	Project Location
19	Roads	"Improvement & Rehabilitation of P1-Awami Road in	"1. Improvement of service delivery level of the municipal services in the sector of communication. 2. Better travelling facilities for the commuters. 3. Reduction in road accidents. 4. Saving in travelling and repair cost of the vehicles. 5. Reduction in annual maintenance charges of roads and parks 6. Better lit roads and streets adding to security of people travelling at night. 7. Improvement in environments of the city making them livable. 8. Improvement in local and province economy. 9. Improvement in the economic growth potential of the city."	Geometric Improvement, Rehabilitation of Existing Pavement Structure, Pavement Marking, Improvement of drainage system	82.4	4.12	Nishbat road to New Katchery Road, Daska City
20	Sewerage	Solarization for Disposal Stations in Daska City	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 Disposal Stations and Sewerage System based on the site load and installation capacity assessment	58.15	0.29075	Daska 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, boast manufacturing & trading, create need for commerce value chain.

(ii) **Environmental Up-gradation:** Development of wastewater treatment plant would provide primary and secondary treatment, thereby have a positive bearing on environment. Further, all projects will especially focus environmental considerations during construction and operational phases. Further green areas, trees and plantations will provide not only refreshing view but will enhance the environmental conditions and help climate stabilization.

(iii) **Employment Opportunities:** The Project is likely to create employment opportunities for over 1,000 people during construction and about 500 people at operational stage in addition to indirect employment generation.

(iv) **Improvement in Service Delivery of Water Supply:** Rehabilitation of filtration plants would improve the water quality for the target population, thus will help to improve public health index.

(v) **Saving in Fuel Consumption:** Upon bus stand coming into operation, people will have access to much better managed public transport, people will be encouraged to use public transport over private transport. This shift will result in drastically decrease the use of fuel oil costing in Billions of rupees.

(vi) **Rehabilitation of Parks - Creation of Social Hub in the Locality:** These projects will provide a recreational facility to the residents of the catchment area of respective parks thus improve the visitors count of the parks and create social harmony and extended connectivity in the people.

(vii) **Improved Connectivity and Savings to Society -** Rehabilitation of roads infrastructure would not only improve the service delivery level of the municipal services but also result in few road accidents, potential savings in travelling and repair cost of the vehicles, reduction in annual maintenance charges of roads and parks. Moreover, better lit roads and streets would add to security of people travelling at night.

(viii) **Generation of Business Opportunities:** Projects will open new corridors for small- and large-scale businesses right from the construction phase and onwards throughout the life of the Project.

(ix) **Revenue Generation:** Local government is estimated to generate direct and indirect revenue from the projects.

1.2. Quantitative Assessment of the Project

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

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

(i) **Net Present Value (NPV)** of the projects is calculated which represents in present value terms the net benefit that accrues from the Project after meeting its capital cost requirements as well as the cost of operations and other expenditures.

(ii) **Financial Internal rate of return (FIRR)** of the projects is calculated While representing an average return and its comparison with the required rate of return, which is taken as KIBOR rate

(iii) **Payback period** of the Project is estimated duly incorporating construction and operational period over the useful life of asset.

(iv) **Cost benefit analysis** of the projects is made to determine the ratio of cumulative benefits versus cumulative cost of each project over its useful life.

Please refer **Annexure E** for details.

1.3. Annual Financial Projections

The annual financial projection of Municipal Committee Daska is given below.

Table 6: Financial Projections

Year	2023-24		2024-25		2025-26	
Category	Total Capital Rs. (Million)	Total O&M Rs. (Millions)	Total Capital Rs. (Million)	Total O&M Rs. (Millions)	Total Capital Rs. (Million)	Total O&M Rs. (Millions)
Water Supply	655.00	14.65	110.00	15.35	102.50	25.41
Sewerage	642.92	2.30	504.41	12.39	1.60	12.43
Parks	-	-	-	-	90.00	3.20
Slaughterhouse	-	-	-	-	87.13	2.18
Streetlights	68.56	-	68.56	3.43	-	3.43
Buildings	200.00	1.00	-	1.00	1.10	1.01
Roads	1,247.73	62.39	-	62.39	-	62.39
Bus Stand	-	-	127.50	3.19	-	3.19
Total	**2,814.22**	**80.34**	**810.47**	**97.74**	**282.33**	**113.23**

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.

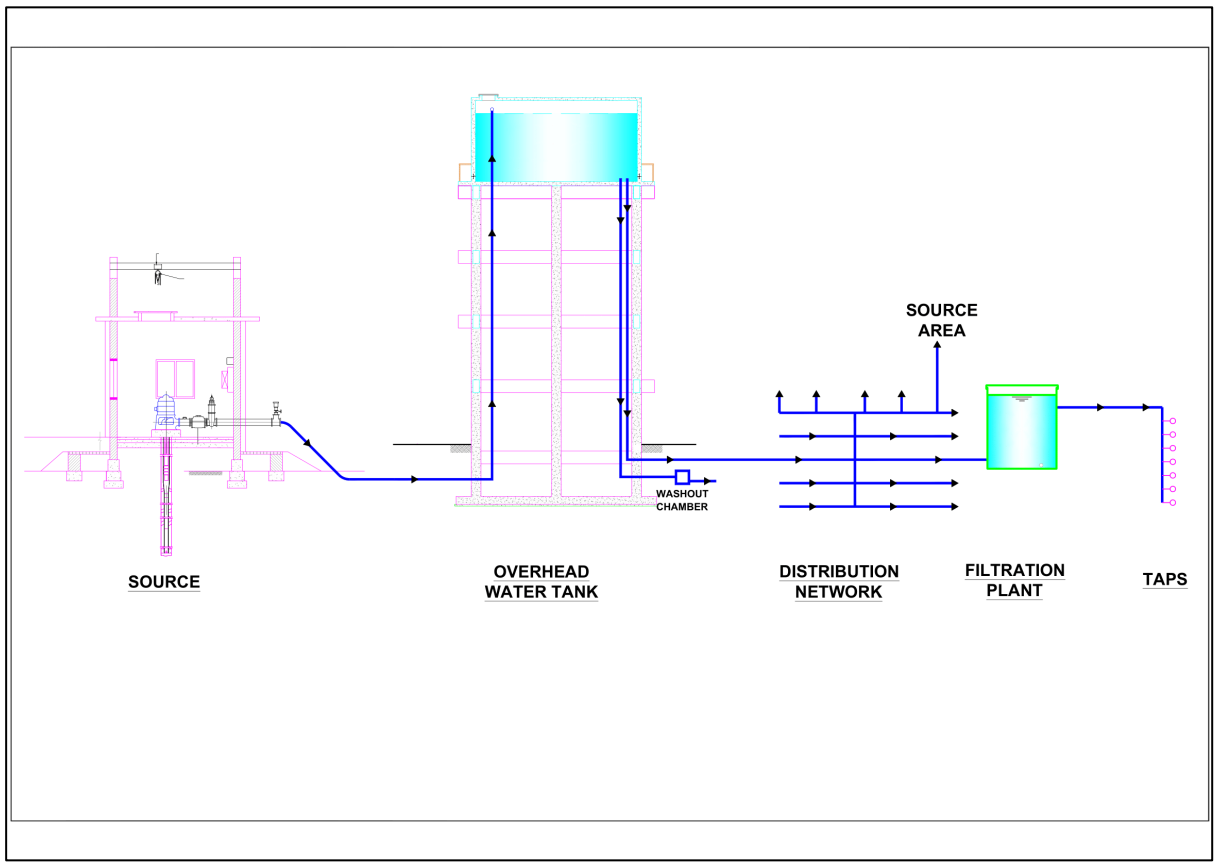
Operating and maintenance (O&M) cost shall be incurred during operational phases of the project. Operation and maintenance cost includes electricity and other utility cost, administrative expenses, maintenance cost, payroll cost and other overheads etc.

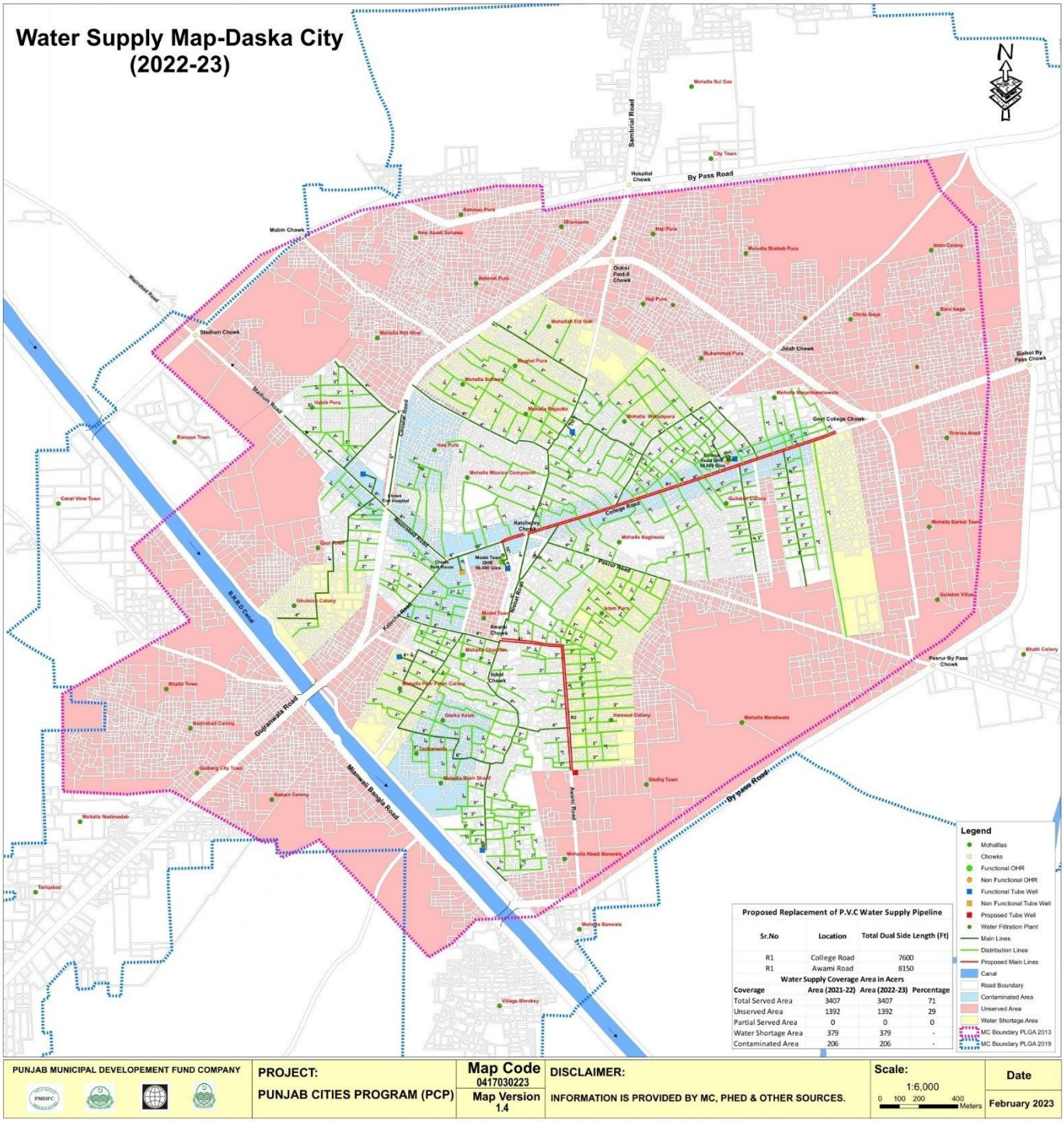
Annexure

Annexure A. Detail of Assets

1. Water Supply:

Key Components of a Water Supply System




Water Supply Map-Daska City
(2022-23)
N
Sambrial Road
By Pass Road
Mubin Chowk
Stadium Chowk
Stadium Road
Wazirabad Road
Jinah Chowk
Govt College Chowk
College Road
Katchehry Chowk
Pasrur Road
Awami Chowk
Nihal Chowk
Gujranwala Road
Mianwali Bangla Road
By pass Road
Sialkot By Pass Chowk
Pasrur By Pass Chowk
Legend
Mohallas
Chowks
Functional OHR
Non Functional OHR
Functional Tube Well
Non Functional Tube Well
Proposed Tube Well
Water Filtration Plant
Main Lines
Distribution Lines
Proposed Main Lines
Canal
Road Boundary
Contaminated Area
Unserved Area
Water Shortage Area
MC Boundary PLGA 2013
MC Boundary PLGA 2019
Proposed Replacement of P.V.C Water Supply Pipeline
Sr.No | Location | Total Dual Side Length (Ft)
R1 | College Road | 7600
R1 | Awami Road | 8150
Water Supply Coverage Area in Acers
Coverage | Area (2021-22) | Area (2022-23) | Percentage
Total Served Area | 3407 | 3407 | 71
Unserved Area | 1392 | 1392 | 29
Partial Served Area | 0 | 0 | 0
Water Shortage Area | 379 | 379 | -
Contaminated Area | 206 | 206 | -
PUNJAB MUNICIPAL DEVELOPEMENT FUND COMPANY
PROJECT:
PUNJAB CITIES PROGRAM (PCP)
Map Code
0417030223
Map Version
1.4
DISCLAIMER:
INFORMATION IS PROVIDED BY MC, PHED & OTHER SOURCES.
Scale:
1:6,000
0 100 200 400
Meters
Date
February 2023

A. Tube well

Sr #	Name	Age (Years)		Condition	Discharge (cusec)	Pump Make	Motor Make	Status	Motor HP	Book Value (PKR million)
		Civil Structure	Pump							
1	Purani Katchehri Road	53	35	Poor	1	PECO	PECO	Functional	30	0.2
2	Sambrial Road Near Masjid Gosia	35	35	Poor	1	PECO	PECO	Functional	30	0.2
3	Bus Stand	17	17	Good	1.5	PECO	PECO	Functional	40	0.3
4	Bank Road Bangla Chowk	21	21	Fair	1	KSB	PECO	Non-functional	30	0.1
5	Near Pul Canal Bharokay	20	20	Fair	1	KSB	Not-Available	Functional	30	0.2
6	Chowk Civil Hospital Stadium Road	20	20	Fair	1	PECO	PECO	Functional	25	0.2
7	College Road	7	7	Good	1	PECO	PECO	Functional	30	0.9

Integrated Development and Asset Management Plan (IDAMP)			
Municipal Committee Daska			
Form: IDAMP-A1	Tube Well Asset Condition Assessment		Asset Code: _____ Date: 29 March 2023

Asset Detail					Pictures
Name		Purani Katchehri Road			
Location	Latitude	32.331113			
	Longitude	74.352666			
Address		Near Purani Katchehri			
Area (Marla/Kanal/Acres)		1			
Working Status		Functional	Non- Functional		
Installation Year of Tube Well		1970 (New bore:2000)			
Installation Year of Pump		1988			
Capital Cost of Machinery		Not available			
Operational Hours		12			
Delivery Pipe	Dia	10 in.			
	Material	MS			
Chlorinator		Yes	No		
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		Yes	No		
Hoisting Girder		Yes	No		
Civil Structure Condition		Good	Fair	Bad	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 29 March 2023	
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		PECO			
Discharge Capacity (Cusec)		1			
Rotational Speed (RPM)		1460			
Housing Dia (inches)		12"			
Bore Depth (ft.)		500			
Head (ft.)		120			
Impeller Installation Depth (ft.)		70			
Paint of Pumping Unit		ok			
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes	No		
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		50			
Sanctioned Load (kWh)		23			
Motor Power (HP)		30			
Motor Make		PECO			
MCU		Yes	No		
Earthing of Motor		Yes	No		
Power Wiring		Yes	No		
Service Cable		Yes	No		
Earthing of MCU		Yes	No		
Energy Meter		Yes	No		
Water Meter		Yes	No		
PFI Equipment		Yes	No		
Generator		Yes	No		
Change Over		Yes	No		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
Replacement of the pump is required.					
Data Collected By: Mr. Jawad		*Designation:* Team Member		 *Sign & Date:* 29 March 2023	
Data Checked By: Mr. M. Fiaz		*Designation:* Team Lead		 *Sign & Date:* 29 March 2023	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A1	Tube Well Asset Condition Assessment				Asset Code: _____ Date: 29 March 2023
Asset Detail					Pictures
Name		Sambrial Road Near Masjid Gosia			
Location	Latitude	32.335612			
	Longitude	74.353369			
Address		Near Masjid Gosia			
Area (Marla/Kanal/Acres)		1			
Working Status		Functional	Non- Functional		
Installation Year of Tube Well		1988			
Installation Year of Pump		1988			
Capital Cost of Machinery		Not available			
Operational Hours		12			
Delivery Pipe	Dia	6 in.			
	Material	MS			
Chlorinator		Yes	No		
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		Yes	No		
Hoisting Girder		Yes	No		
Civil Structure Condition		Good	Fair	Bad	
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		PECO			
Discharge Capacity (Cusec)		1			
Rotational Speed (RPM)		1460			
Housing Dia (inches)		12"			
Bore Depth (ft.)		500			
Head (ft.)		120			
Impeller Installation Depth (ft.)		70			
Paint of Pumping Unit		ok			
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes	No		
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		50			
Sanctioned Load (kWh)		23			
Motor Power (HP)		30			
Motor Make		PECO			
MCU		Yes	No		
Earthing of Motor		Yes	No		
Power Wiring		Yes	No		
Service Cable		Yes	No		
Earthing of MCU		Yes	No		
Energy Meter		Yes	No		

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A1	Tube Well Asset Condition Assessment				Asset Code: _____ Date: 29 March 2023
Water Meter		Yes	No		
PFI Equipment		Yes	No		
Generator		Yes	No		
Change Over		Yes	No		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
Replacement of the pump is required.					
Data Collected By: Mr. Jawad		*Designation:* Team Member		 *Sign & Date:* 29 March 2023	
Data Checked By: Mr. M. Fiaz		*Designation:* Team Lead		 *Sign & Date:* 29 March 2023	

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Daska				
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 29 March 2023
Asset Detail				**Pictures**
Name		General Bus Stand		
Location	Latitude	32.327261		
	Longitude	74.345983		
Address		General Bus Stand		
Area (Marla/Kanal/Acres)		1		
Working Status		Functional	Non- Functional	
Installation Year of Tube Well		2006 (New Bore: 2020)		
Installation Year of Pump		2006		
Capital Cost of Machinery		Not available		
Operational Hours		12		
Delivery Pipe	Dia	6 in.		
	Material	MS		
Chlorinator		Yes	No	
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule
Apron Around Pump House		Yes	No	
Hoisting Girder		Yes	No	
Civil Structure Condition		Good	Fair	Bad
Approach to Pump House		Good	Fair	Bad
Pump Details				
Pump Type		Turbine		
Pump Make		PECO		
Discharge Capacity (Cusec)		1.5		
Rotational Speed (RPM)		1460		
Housing Dia (inches)		12		
Bore Depth (ft.)		500		
Head (ft.)		120		
Impeller Installation Depth (ft.)		70		
Paint of Pumping Unit		OK		
Number of Valves	Gate Valve	1		
	Non-Returning Valve	1		
Base Plate		Yes	No	
Electro-Mechanical Equipment Details				
Transformer Capacity (kVA)		50		
Sanctioned Load (kWh)		30		
Motor Power (HP)		40		
Motor Make		PECO		
MCU		Yes	No	
Earthing of Motor		Yes	No	
Power Wiring		Yes	No	
Service Cable		Yes	No	
Earthing of MCU		Yes	No	
Energy Meter		Yes	No	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A1	Tube Well Asset Condition Assessment				Asset Code: _____ Date: 29 March 2023
Water Meter		Yes	No		
PFI Equipment		Yes	No		
Generator		Yes	No		
Change Over		Yes	No		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
No remarks					
Data Collected By: Mr. Jawad		*Designation:* Team Member		 *Sign & Date:* 29 March 2023	
Data Checked By: Mr. M. Fiaz		*Designation:* Team Lead		 *Sign & Date:* 29 March 2023	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A1	Tube Well Asset Condition Assessment				Asset Code: _____ Date: 29 March 2023
Asset Detail					**Pictures**
Name		Bank Road Bangla Chowk			
Location	Latitude	32.330441			
	Longitude	74.34781			
Address		Bank Road Bangla Chowk			
Area (Marla/Kanal/Acres)		1			
Working Status		Functional	Non- Functional		
Installation Year of Tube Well		2002 (New Bore: 2023)			
Installation Year of Pump		2002			
Capital Cost of Machinery		Not available			
Operational Hours		12			
Delivery Pipe	Dia	8 in.			
	Material	MS			
Chlorinator		Yes	No		
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		Yes	No		
Hoisting Girder		Yes	No		
Civil Structure Condition		Good	Fair	Bad	
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		KSB			
Discharge Capacity (Cusec)		1			
Rotational Speed (RPM)		1460			
Housing Dia (inches)		12"			
Bore Depth (ft.)		500			
Head (ft.)		92			
Impeller Installation Depth (ft.)		70			
Paint of Pumping Unit		OK			
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes	No		
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		50			
Sanctioned Load (kWh)					
Motor Power (HP)		30			
Motor Make		PECO			
MCU		Yes	No		
Earthing of Motor		Yes	No		
Power Wiring		Yes	No		
Service Cable		Yes	No		
Earthing of MCU		Yes	No		
Energy Meter		Yes	No		

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A1	Tube Well Asset Condition Assessment				Asset Code: _____ Date: 29 March 2023
Water Meter		Yes	No		
PFI Equipment		Yes	No		
Generator		Yes	No		
Change Over		Yes	No		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
No remarks					
Data Collected By: Mr. Jawad		*Designation:* Team Member		 *Sign & Date:* 29 March 2023	
Data Checked By: Mr. M. Fiaz		*Designation:* Team Lead		 *Sign & Date:* 29 March 2023	

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Daska				
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 29 March 2023
Asset Detail				**Pictures**
Name		Near Pul Canal Bharokay		
Location	Latitude	32.316963		
	Longitude	74.349832		
Address		Near Pul Canal Bharokay		
Area (Marla/Kanal/Acres)		1		
Working Status		Functional	Non- Functional	
Installation Year of Tube Well		2003		
Installation Year of Pump		2003		
Capital Cost of Machinery		Not available		
Operational Hours		12		
Delivery Pipe	Dia	8 in.		
	Material	MS		
Chlorinator		Yes	No	
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule
Apron Around Pump House		Yes	No	
Hoisting Girder		Yes	No	
Civil Structure Condition		Good	Fair	Bad
Approach to Pump House		Good	Fair	Bad
Pump Details				
Pump Type		Turbine		
Pump Make		KSB		
Discharge Capacity (Cusec)		1		
Rotational Speed (RPM)		1460		
Housing Dia (inches)		12		
Bore Depth (ft.)		500		
Head (ft.)		80		
Impeller Installation Depth (ft.)		70		
Paint of Pumping Unit		OK		
Number of Valves	Gate Valve	1		
	Non-Returning Valve	1		
Base Plate		Yes	No	
Electro-Mechanical Equipment Details				
Transformer Capacity (kVA)		50		
Sanctioned Load (kWh)		23		
Motor Power (HP)		30		
Motor Make				
MCU		Yes	No	
Earthing of Motor		Yes	No	
Power Wiring		Yes	No	
Service Cable		Yes	No	
Earthing of MCU		Yes	No	
Energy Meter		Yes	No	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A1	Tube Well Asset Condition Assessment				Asset Code: _____ Date: 29 March 2023
Water Meter		Yes	No		
PFI Equipment		Yes	No		
Generator		Yes	No		
Change Over		Yes	No		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
No remarks					
Data Collected By: Mr. Jawad		*Designation:* Team Member		 *Sign & Date:* 29 March 2023	
Data Checked By: Mr. M. Fiaz		*Designation:* Team Lead		 *Sign & Date:* 29 March 2023	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A1	Tube Well Asset Condition Assessment				Asset Code: _____ Date: 29 March 2023
Asset Detail					**Pictures**
Name		Chowk Civil Hospital Stadium Road			
Location	Latitude	32.333219			
	Longitude	74.344695			
Address		Chowk Civil Hospital			
Area (Marla/Kanal/Acres)		1			
Working Status		Functional	Non- Functional		
Installation Year of Tube Well		2003			
Installation Year of Pump		2003			
Capital Cost of Machinery		Not available			
Operational Hours		12			
Delivery Pipe	Dia	6 in.			
	Material	MS			
Chlorinator		Yes	No		
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule	
Apron Around Pump House		Yes	No		
Hoisting Girder		Yes	No		
Civil Structure Condition		Good	Fair	Bad	
Approach to Pump House		Good	Fair	Bad	
Pump Details					
Pump Type		Turbine			
Pump Make		PECO			
Discharge Capacity (Cusec)		1			
Rotational Speed (RPM)		1460			
Housing Dia (inches)		12			
Bore Depth (ft.)		500			
Head (ft.)		55			
Impeller Installation Depth (ft.)		70			
Paint of Pumping Unit		OK			
Number of Valves	Gate Valve	1			
	Non-Returning Valve	1			
Base Plate		Yes	No		
Electro-Mechanical Equipment Details					
Transformer Capacity (kVA)		50			
Sanctioned Load (kWh)		20			
Motor Power (HP)		25			
Motor Make		PECO			
MCU		Yes	No		
Earthing of Motor		Yes	No		
Power Wiring		Yes	No		
Service Cable		Yes	No		
Earthing of MCU		Yes	No		

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A1	Tube Well Asset Condition Assessment				Asset Code: _____ Date: 29 March 2023
Energy Meter		Yes	No		
Water Meter		Yes	No		
PFI Equipment		Yes	No		
Generator		Yes	No		
Change Over		Yes	No		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
No remarks					
Data Collected By: Mr. Jawad		*Designation:* Team Member		 *Sign & Date:* 29 March 2023	
Data Checked By: Mr. M. Fiaz		*Designation:* Team Lead		 *Sign & Date:* 29 March 2023	

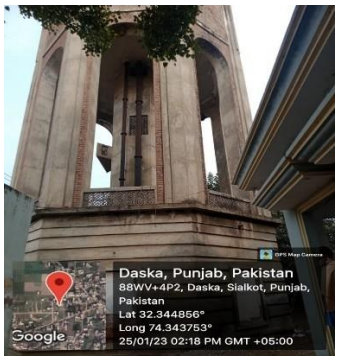
Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Daska				
Form: IDAMP-A1	Tube Well Asset Condition Assessment			Asset Code: _____ Date: 29 March 2023
Asset Detail				**Pictures**
Name		College Road		
Location	Latitude	32.3342		
	Longitude	74.36004		
Address		College Road		
Area (Marla/Kanal/Acres)		1		
Working Status		Functional	Non- Functional	
Installation Year of Tube Well		1980 (New Bore: 2016)		
Installation Year of Pump		1980		
Capital Cost of Machinery		Not available		
Operational Hours		12		
Delivery Pipe	Dia	6 in.		
	Material	MS		
Chlorinator		Yes	No	
Chlorination Schedule		Once in a Year	After 6 Months	No Schedule
Apron Around Pump House		Yes	No	
Hoisting Girder		Yes	No	
Civil Structure Condition		Good	Fair	Bad
Approach to Pump House		Good	Fair	Bad
Pump Details				
Pump Type		Turbine		
Pump Make		PECO		
Discharge Capacity (Cusec)		1		
Rotational Speed (RPM)		1460		
Housing Dia (inches)		12		
Bore Depth (ft.)		500		
Head (ft.)		120		
Impeller Installation Depth (ft.)		70		
Paint of Pumping Unit		OK		
Number of Valves	Gate Valve	1		
	Non-Returning Valve	1		
Base Plate		Yes	No	
Electro-Mechanical Equipment Details				
Transformer Capacity (kVA)		50		
Sanctioned Load (kWh)		30		
Motor Power (HP)		30		
Motor Make		PECO		
MCU		Yes	No	
Earthing of Motor		Yes	No	
Power Wiring		Yes	No	
Service Cable		Yes	No	
Earthing of MCU		Yes	No	
Energy Meter		Yes	No	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A1	Tube Well Asset Condition Assessment				Asset Code: _____ Date: 29 March 2023
Water Meter		Yes	No		
PFI Equipment		Yes	No		
Generator		Yes	No		
Change Over		Yes	No		
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
No remarks					
Data Collected By: Mr. Jawad		*Designation:* Team Member		 *Sign & Date:* 29 March 2023	
Data Checked By: Mr. M. Fiaz		*Designation:* Team Lead		 *Sign & Date:* 29 March 2023	

B. OHR

Sr #	Name	Condition	Capacity	Status	Book Value (PKR Million)
1	Katchehri Road	Fair	50,000	Functional	Not-Available
2	College Road	Failing	50,000	Non-Functional	0

Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Daska						
Form: IDAMP-A2	Over Head Reservoir Asset Condition Assessment				Asset Code: _____ Date: 29 March 2023	
Name		Katchehri Road			Pictures	
Location	Latitude	32.344856				
	Longitude	74.343753				
Address		Katchehri Road				
Year of Construction		1978				
Capacity (UK Gallons)		50,000				
Cleaning Frequency (Per Year)		1				
Type of Structure		Masonry				
Structure Condition		Good	Fair	Poor		
Tank Conditions		Good	Fair	Poor		
Number of Valves	Sluice Valve	4				
	Non-Returning Valve	4				
Working Status		Functional	Non-Functional			
Rising Main	Dia	8″				
	Material	MS				
Delivery Main	Dia	10″				
	Material	MS				
Overflow & Scour Pipe	Dia	8″				
	Material	MS				
Sluice Valve	Rising Main	Yes	No			
	Delivery Main	Yes	No			
	Scour Pipe	Yes	No			
	Overflow Pipe	Yes	No			
Stair Case		Yes	No			
Apron Around OHR		Yes	No			
Tank Top Railing		Yes	No			
Top Indication Light		Yes	No			
Lightening Arrester		Yes	No			
Boundary Wall & Gate		Yes	No			
Overflow Disposal Arrangements		Yes	No			
Approach to OHR		Good	Fair	Bad		



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 Daska		
Form: IDAMP-A2	Over Head Reservoir Asset Condition Assessment	Asset Code: _____ Date: 29 March 2023
No remarks		
Data Collected By: Mr. Jawad	*Designation:* Team Member	*Sign & Date:* 29 March 2023
Data Checked By: Mr. M. Fiaz	*Designation:* Team Lead	*Sign & Date:* 29 March 2023

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A2	Over Head Reservoir Asset Condition Assessment			Asset Code: _____ Date: 29 March 2023	
Name		College Road			Pictures
Location	Latitude	32.334527			
	Longitude	74.361328			
Address		College Road			
Year of Construction		1978			
Capacity (UK Gallons)		50,000			
Cleaning Frequency (Per Year)		1			
Type of Structure		Masonry			
Structure Condition		Good	Fair	Poor	
Tank Conditions		Good	Fair	Poor	
Number of Valves	Sluice Valve	4			
	Non-Returning Valve	4			
Working Status		Functional	Non-Functional		
Rising Main	Dia	8″			
	Material	MS			
Delivery Main	Dia	10″			
	Material	MS			
Overflow & Scour Pipe	Dia	8″			
	Material	MS			
Sluice Valve	Rising Main	Yes	No		
	Delivery Main	Yes	No		
	Scour Pipe	Yes	No		
	Overflow Pipe	Yes	No		
Stair Case		Yes	No		
Apron Around OHR		Yes	No		
Tank Top Railing		Yes	No		

Integrated Development and Asset Management Plan (IDAMP)						
Municipal Committee Daska						
Form: IDAMP-A2	Over Head Reservoir Asset Condition Assessment					Asset Code: _____ Date: 29 March 2023
Top Indication Light	Yes	No				
Lightening Arrester	Yes	No				
Boundary Wall & Gate	Yes	No				
Overflow Disposal Arrangements	Yes	No				
Approach to OHR	Good	Fair	Bad			
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. Jawad	*Designation:* Team Member				*Sign & Date:* 29 March 2023	
Data Checked By: Mr. M. Fiaz	*Designation:* Team Lead				*Sign & Date:* 29 March 2023	

D. Water Supply Network

Sr #	Dia	Length (meter)	Age (Years)	Condition	Material	Book Value (PKR million)
1	3"	51,631	43	Failing	AC	0
2	4"	6,187				0
3	6"	7,193				0
4	8"	4,358				0
5	10"	335				0

Integrated Development And Asset Management Plan (IDAMP)		
Municipal Committee Daska		
Form: IDAMP-A5	Water Supply Network Asset Condition Assessment	Asset Code: _____ Date: 10-01-2023

Description	Area (Acres)	Percentage
Served Area	2530	60
Contaminated Area	155	6
Water Shortage Area	270	10.7
Unserved Area	1555	38

Latest water quality analysis carried out for community network?	Yes	No
If yes, which lab and parameters?	Not Available	
Findings of water quality analysis?	Not Available	
In case of any parameter above the permissible limit of PEQSs, which steps are taken to provide safe drinking water to the consumers?	Not Available	
Any complaints of water contamination received from the consumers?	Yes	No
If yes, which steps were taken to resolve the complaints?		

Pipe Dia (inches)	Pipe Material	Length (ft)	Year of Laying	Age of Pipe
3	AC	169,400	1980	43 years
4	AC	20,300	1980	43 years
6	AC	23,600	1980	43 years
8	AC	14,300	1980	43 years
10	AC	1,100	1980	43 years

Overall Rating					
Average Score	1	2	3	4	5

Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
The water supply pipelines have outlived their lives and need replacement. At present, MC management does not concur with any expansion of network to serve the unserved areas. Further, this is a sweet zone and people tend to have their own source i.e. hand pumps/private bores, therefore, community also does not want new connections and/or willing to pay for water tariff.					
Data Collected By: Mr. Jawad		*Designation:* Team Member		*Sign & Date:* 29 March 2023	
Data Checked By: Mr. M. Fiaz		*Designation:* Team Lead		*Sign & Date:* 29 March 2023	

C. Filtration Plant

Sr #	Name	Age (Years)	Condition	Type	Capacity (Litre/hr)	Status	Book Value (PKR million)
1	Old Kachehri Road	17	Fair	UV	1,200	Functional	0.3
2	College Road	15	Fair	UV	1,200	Functional	0.4
3	Sambrial Road	15	Fair	RO	2,000	Functional	0.5
4	Mohallah Banwala	13	Fair	UV	1,200	Functional	0.4
5	Shahab Pura	11	Good	UV	1,200	Functional	1.8
6	Chungi no. 6 & 8	5	Good	RO	2,000	Functional	1.2
7	Haji Pura	4	Good	RO	2,000	Functional	1.9
8	Mission Compound	5	Failing	RO	2,000	Non-Functional	0.2
9	Lari Adda	4	Good	RO	2,000	Functional	1.9
10	Gaga Daska	5	Good	RO	2,000	Functional	2.1

`

Integrated Development And Asset Management Plan (IDAMP) Municipal Committee Daska			
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment		Asset Code: _____ Date: 10-01-2023
Name		Old Kachehri Road	Pictures
Location	Latitude	32.33124	
	Longitude	74.34995	
Address		Old Kachehri road Daska	
Installation Year		2006	
Installing Agency		NA	
O&M Agency		MC Daska	
Filtration Capacity (Liter/Hour)		1900	
Operational Hours		10-12	
No. of Taps		9	
Effluent Test (If Available)		NA	
Latest water quality analysis carried out?		NA	
If yes, which lab and parameters?		NA	
Findings of water quality analysis?		NA	
In case of any parameter above the permissible limit, which		NA	

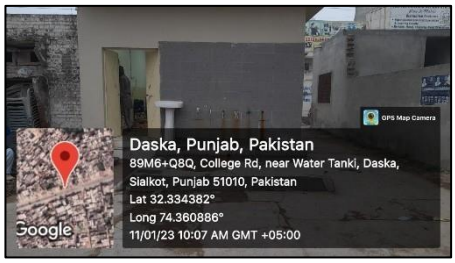
steps are taken to provide safe water?			
Plant Type	RO	UV	
Source of Water	Local Tube Well	Public Water Supply	
Working Status	Functional	Non-Functional	
Pumping Unit	Yes	No	
Control Panel	Yes	No	
Service Cable	Yes	No	
Ultraviolet Lamp	Yes	No	
Takeaway Hall Condition	Good	Fair	Poor
Building Structure 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		
Installation of missing taps and rehabilitation of floor are required. Further, proper cleaning and maintenance on weekly basis is required		
Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	 *Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	 *Sign & Date:* **29 March 2023**

Integrated Development And Asset Management Plan (IDAMP)			
Municipal Committee Daska			
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment		Asset Code: _____ Date: 10-01-2023
Name		College Road	Pictures
Location	Latitude	32.33403	
	Longitude	74.3602	
Address		College Road, near water tanki, Daska	
Installation Year		2008	
Installing Agency		NA	
O&M Agency		MC Daska	
Filtration Capacity (Liter/Hour)		1900	
Operational Hours		10	
No. of Taps		6	
Effluent Test (If Available)		NA	

Latest water quality analysis carried out?	NA		
If yes, which lab and parameters?	NA		
Findings of water quality analysis?	NA		
In case of any parameter above the permissible limit, which steps are taken to provide safe water?	NA		
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

Installation of missing taps and rehabilitation of floor are required. Further, proper cleaning and maintenance on weekly basis is required

Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	*Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	*Sign & Date:* **29 March 2023**

Integrated Development And Asset Management Plan (IDAMP)			
Municipal Committee Daska			
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment		Asset Code: _____ Date: 10-01-2023
Name		Sambrial Road	Pictures
Location	Latitude	32.335959	
	Longitude	74.353379	
Address		Sambrial Road, Mohallah Thathyaran, Daska	
Installation Year		2008	

Installing Agency	Not available		
O&M Agency	MC Daska		
Filtration Capacity (Liter/Hour)	1900		
Operational Hours	24		
No. of Taps	5		
Effluent Test (If Available)	NA		
Latest water quality analysis carried out?	NA		
If yes, which lab and parameters?	NA		
Findings of water quality analysis?	NA		
In case of any parameter above the permissible limit, which steps are taken to provide safe water?	NA		
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		
Proper cleaning and maintenance on weekly basis is required		
Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	*Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	*Sign & Date:* **29 March 2023**

Integrated Development And Asset Management Plan (IDAMP)				
Municipal Committee Daska				
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment			Asset Code: _____ Date: 10-01-2023
Name		Mohallah Banwala		Pictures
Location	Latitude	32.32139		
	Longitude	74.34922		
Address		NA		
Installation Year		2010		
Installing Agency		NA		
O&M Agency		MC Daska		
Filtration Capacity (Liter/Hour)		1900		
Operational Hours		10-12		
No. of Taps		NA		
Effluent Test (If Available)		NA		
Latest water quality analysis carried out?		NA		
If yes, which lab and parameters?		NA		
Findings of water quality analysis?		NA		
In case of any parameter above the permissible limit, which steps are taken to provide safe water?		NA		
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
Installation of missing taps and rehabilitation of floor are required. Further, proper cleaning and maintenance on weekly basis is required

Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	 *Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	 *Sign & Date:* **29 March 2023**

Integrated Development And Asset Management Plan (IDAMP)				
Municipal Committee Daska				
Form: IDAMP-A4		**Water Filtration Plant Asset Condition Assessment**		**Asset Code:** _____ **Date:** 10-01-2023
Name		Shahab Pura		**Pictures**
Location	**Latitude**	32.34103		
	Longitude	74.36241		
Address		Mohallah Shahab Pura		
Installation Year		2012		
Installing Agency		PHED		
O&M Agency		MC Daska		
Filtration Capacity (Liter/Hour)		1900		
Operational Hours		10-12		
No. of Taps		7		
Effluent Test (If Available)		NA		
Latest water quality analysis carried out?		NA		
If yes, which lab and parameters?		NA		
Findings of water quality analysis?		NA		
In case of any parameter above the permissible limit, which steps are taken to provide safe water?		NA		
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		
• Installation of missing taps and rehabilitation of floor are required. Further, proper cleaning and maintenance on weekly basis is required		
Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	*Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	*Sign & Date:* **29 March 2023**

Integrated Development And Asset Management Plan (IDAMP)			
Municipal Committee Daska			
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment		Asset Code: _____ Date: 10-01-2023
Name		Chungi no 8	Pictures
Location	Latitude	32.343614	
	Longitude	74.355991	
Address			
Installation Year		2018	
Installing Agency		NGO	
O&M Agency		MC Daska	
Filtration Capacity (Liter/Hour)		1900	
Operational Hours		15	
No. of Taps		4	
Effluent Test (If Available)		NA	
Latest water quality analysis carried out?		NA	
If yes, which lab and parameters?		NA	
Findings of water quality analysis?		NA	
In case of any parameter above the permissible limit, which steps are taken to provide safe water?		NA	
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

- Installation of missing taps and rehabilitation of floor are required. Further, proper cleaning and maintenance on weekly basis is required

Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	 *Sign & Date:* 29 March 2023
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	 *Sign & Date:* 29 March 2023

Integrated Development And Asset Management Plan (IDAMP)

Municipal Committee Daska

Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment	Asset Code: _____ Date: _____

Name		Haji Pura
Location	Latitude	32.339739
	Longitude	74.360241
Address		Mohallah Haji Pura, Daska
Installation Year		2019
Installing Agency		NGO
O&M Agency		MC Daska
Filtration Capacity (Liter/Hour)		1900
Operational Hours		15
No. of Taps		2
Effluent Test (If Available)		NA
Latest water quality analysis carried out?		NA
If yes, which lab and parameters?		NA
Findings of water quality analysis?		NA

Pictures

In case of any parameter above the permissible limit, which steps are taken to provide safe water?	NA		
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

- Installation of missing taps and rehabilitation of floor are required. Further, proper cleaning and maintenance on weekly basis is required

Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	 *Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	 *Sign & Date:* **29 March 2023**

Integrated Development And Asset Management Plan (IDAMP)			
Municipal Committee Daska			
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment		Asset Code: _____ Date: _____

Name		Mission Compound	Pictures
Location	Latitude	32.33404	
	Longitude	74.34812	
Address		Galah Mission Compound, Civil Line, Daska	
Installation Year		2018	
Installing Agency		NGO	
O&M Agency		MC Daska	
Filtration Capacity (Liter/Hour)		NA	
Operational Hours		NA	

No. of Taps	NA		
Effluent Test (If Available)	NA		
Latest water quality analysis carried out?	NA		
If yes, which lab and parameters?	NA		
Findings of water quality analysis?	NA		
In case of any parameter above the permissible limit, which steps are taken to provide safe water?	NA		
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. Jawad**	*Designation:* **Team Member**	*Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	*Sign & Date:* **29 March 2023**

Integrated Development And Asset Management Plan (IDAMP)			
Municipal Committee Daska			
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment		Asset Code: _____ Date: _____
Name		Lari Adda	**Pictures**
Location	Latitude	32.327169	
	Longitude	74.34621	

Address	Afshan Road , Bank Rd, Daska		
Installation Year	2019		
Installing Agency	NGO		
O&M Agency	MC Daska		
Filtration Capacity (Liter/Hour)	1900		
Operational Hours	11		
No. of Taps	6		
Effluent Test (If Available)	NA		
Latest water quality analysis carried out?	NA		
If yes, which lab and parameters?	NA		
Findings of water quality analysis?	NA		
In case of any parameter above the permissible limit, which steps are taken to provide safe water?	NA		
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

- Installation of missing taps and rehabilitation of floor are required. Further, proper cleaning and maintenance on weekly basis is required

Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	*Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	*Sign & Date:* **29 March 2023**

Municipal Committee Daska				
Form: IDAMP-A4	Water Filtration Plant Asset Condition Assessment			Asset Code: _____ Date: _____
Name		Gaga Daska		Pictures
Location	Latitude	32.341004		
	Longitude	74.36994		
Address		College Road, Gaga, Daska		
Installation Year		2018		
Installing Agency		NGO		
O&M Agency		MC Daska		
Filtration Capacity (Liter/Hour)		1900		
Operational Hours		15		
No. of Taps		4		
Effluent Test (If Available)		NA		
Latest water quality analysis carried out?		NA		
If yes, which lab and parameters?		NA		
Findings of water quality analysis?		NA		
In case of any parameter above the permissible limit, which steps are taken to provide safe water?		NA		
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

- Installation of missing taps and rehabilitation of floor are required. Further, proper cleaning and maintenance on weekly basis is required

Data Collected By: Mr. Jawad	*Designation:* Team Member	Jawad *Sign & Date:* 29 March 2023

Data Checked By: Mr. M. Fiaz	*Designation:* Team Lead	 *Sign & Date:* 29 March 2023

E. Vehicles/ Machinery

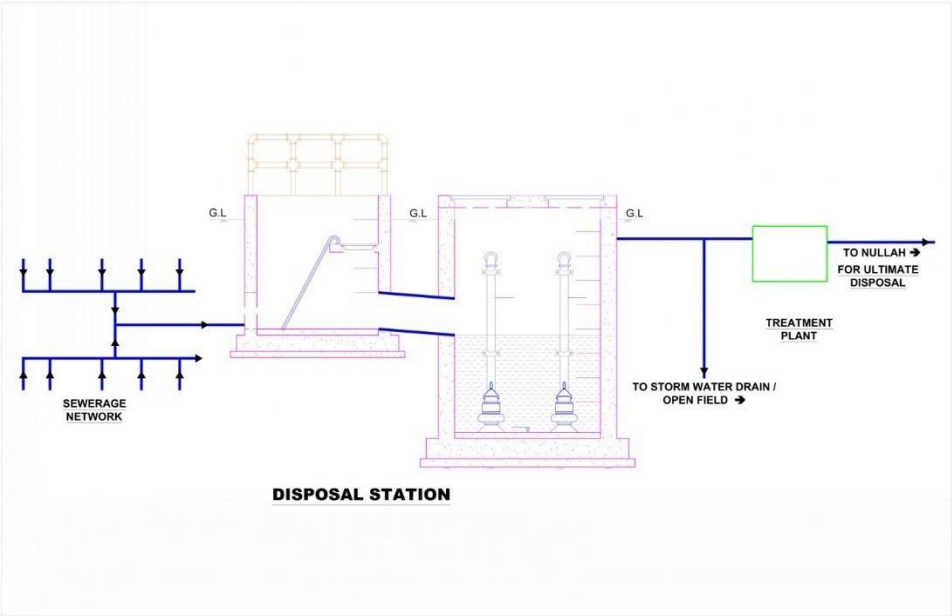
Sr #	Name	Registration Number	Age (Years)	Condition	Status	Capacity	Book Value (PKR million)
1	Water Bowser	MCD-10	13	Fair	Functional	85 HP	0.4

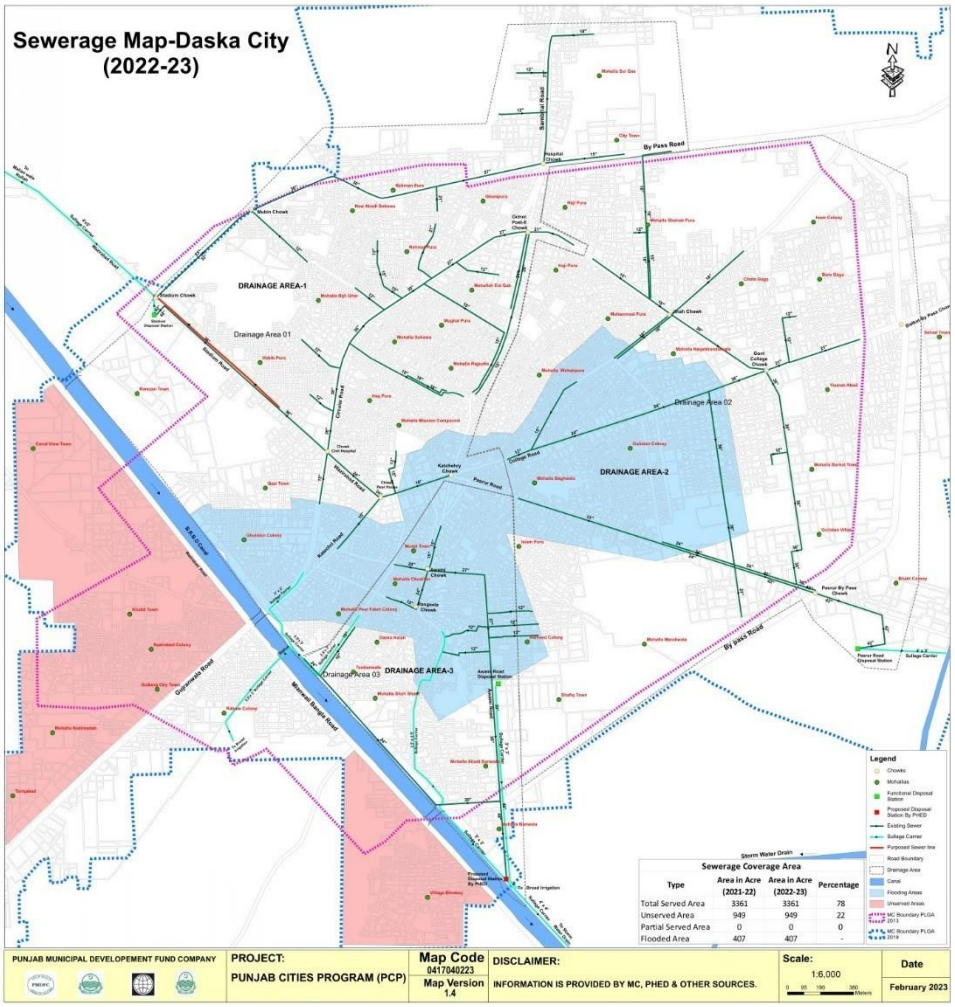
Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment				Asset Code: _____ Date: 10-01-2023
Type of Vehicle / Machinery	Pictures				
Water Bowser					
Capacity	500 Gallons				500 Gallons
Purpose	Water Supply				Water Supply
Year of Manufacturing	2010				1988
Model	MF385				MF385
Capital Cost	Not Available				Not Available
Fuel Consumption (lit/month)	255				255
Condition	Good				Good
Engine Capacity	85 HP				3500cc
Maintenance Cost	Not Available				Not Available
Oiling /Fitness	Yes				Yes
Fitness Certificate	No				No
Registered	Unregistered				STD-3274
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. Jawad**	*Designation:* **Team Member**	 *Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	 *Sign & Date:* **29 March 2023**

2. Sewerage

Key Components of a Sewerage System





A. Sewerage Network

Sr #		Dia	Length (meter)	Age (Years)	Condition	Material	Book Value (PKR million)
1	21"		240	3	Excellent	RCC	1.6
2	24"		841				3.8
3	12"		133	6	Excellent		0.3
4	24"		688				1.3
5	36"		1211				2.6
1	12"		2373	17	Fair		1.7
2	15"		3210				2.3
8	18"		2854				2.8
9	21"		2499				2.6
10	24"		1632				2.2

Sr #		Dia	Length (meter)	Age (Years)	Condition	Material	Book Value (PKR million)
11	27"		1388				3.2
12	30"		1367				3.7
13	33"		630				1.8
14	36"		3117				8.6
15	42"		1100				3.8
16	12"		1172				0.1
17	15"		391				0.1
18	18"		295				0.1
19	24"		1319	44	Failing		0.1
20	27"		807				0.1
21	30"		841				0.1
22	48"		415				0.1

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Daska		
Form: IDAMP-A6	Sewerage Network Asset Condition Assessment	Asset Code: _____ Date: 29-03-2023

Description	Area (Acres)	Percentage
Served Area	2115	52
Flooded Area	-	-
Unserved Area	1970	48
Type and number of complaints received to MC regarding sewerage system?	294 Approx.	
Steps considered by MC to resolve the complaints	N/A	

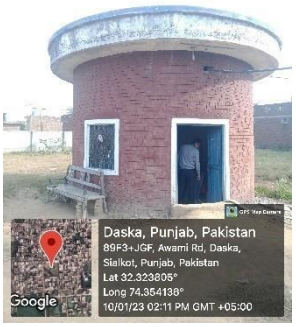
Name of Disposal Station	Nawaz sharif stadium disposal station				
Pipe Dia (inches)	Pipe Material	Length (ft)	No. of Manholes	Year of Laying	Age of Pipe
12	RCC	367	4	1984	39
12	RCC	5049	51	2006-07	16-17
15	RCC	1654	17	1984	39
15	RCC	6916	70	2006-07	16-17
18	RCC	1194	12	1984	39
18	RCC	3520	36	2006-07	16-17
21	RCC	3474	35	2006-07	16-17
21	RCC	787	8	2020-21	2-3
24	RCC	1122	12	2006-07	16-17
24	RCC	2759	28	2020-21	2-3

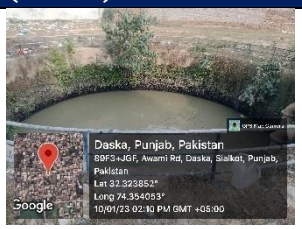
Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A6	Sewerage Network Asset Condition Assessment			Asset Code: _____ Date: 29-03-2023	
27	RCC	4554	46	2006-07	16-17
30	RCC	2674	27	2006-07	16-17
33	RCC	2067	21	2006-07	16-17
36	RCC	6385	64	2006-07	16-17
42	RCC	233	3	2006-07	16-17
Name of Disposal Station		Pasrur Roads Disposal Station			
Pipe Dia (inches)	Pipe Material	Length (ft)	No. of Manholes	Year of Laying	Age of Pipe
12	RCC	2736	28	2006-07	16-17
12	RCC	436	5	2017-18	5-6
15	RCC	3615	37	2006-07	16-17
18	RCC	5843	59	2006-07	16-17
21	RCC	4724	48	2006-07	16-17
24	RCC	4232	43	2006-07	16-17
24	RCC	2257	23	2017-18	5-6
30	RCC	1811	19	2006-07	16-17
36	RCC	3842	39	2006-07	16-17
36	RCC	3973	40	2017-18	5-6
42	RCC	3376	34	2006-07	16-17
Name of Disposal Station		Awami road Disposal Station			
Pipe Dia (inches)	Pipe Material	Length (ft)	No. of Manholes	Year of Laying	Age of Pipe
12	RCC	3845	39	1979	44
15	RCC	1283	13	1979	44
18	RCC	968	10	1979	44
24	RCC	4327	44	1979	44
27	RCC	2648	27	1979	44
30	RCC	2759	28	1979	44
48	RCC	1362	14	1979	44
Remarks / Requirements					
The pipelines with lives of more than 25 years need to be replaced as they have outlived their lives.					
Data Collected By: **Mr. Jawad**		*Designation:* **Team Member**		 *Sign & Date:* **29 March 2023**	
Data Checked By: **Mr. M. Fiaz**		*Designation:* **Team Lead**		 *Sign & Date:* **29 March 2023**	

B. Disposal Station

Sr #	Name	Age (Years)		Condition	Status	Nos. of Pump	Discharge Each (Cusec)	Motor HP	Pump Make	Motor Make	Book Value (PKR million)
		Civil Structure	Pump								
1	Awami Road Disposal Station	44	Not-Available	Poor	Functional	2	5	50	KSB	SIEMENS	0.6
2	Pasrur Road Disposal Station	17	Not-Available	Fair	Functional	4	5	50	KSB	SIEMENS	1.4
3	Nawaz Sharif Stadium Station	17	Not-Available	Fair	Functional	6	5	50	KSB	SIEMENS	1.8

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A7	Sewerage Disposal Station Asset Condition Assessment				Asset Code: _____ Date: 29 March 2023
Asset Detail					Pictures
Name		Awami Road Disposal Station			
Location	Latitude	32.323707			
	Longitude	74.353992			
Address		Awami Road			
Area (Acres)		1			
Installation Year		1979			
Capital Cost of Machinery		Not available			
Outfall Drain Sewer	Dia	30 in.			
	Material	RCC			
Screening Chamber	No. of Screens	2			
	Screen Condition	Good	Fair	Poor	
	Chamber Structure	Rectangular			
Wet Wells	Number	1			
	Shape	Rectangular	Circular		
	Size	35 ft.			
	Structure	Masonry	RCC		
	Railing	Yes	No		
Force Main	No. of force mains	N/A			
	Dia	N/A			
	Material	N/A			
	Starting Point	N/A			
	Ending Point	N/A			
	Length	N/A			



Integrated Development and Asset Management Plan (IDAMP)					
Sullage Carrier	Size	3 ft. X 3 ft.			
	Shape	Open Rectangular Channel			
	Length	1000 m			
	Condition	Fair			
Delivery Pipe	Dia	12 in.			
	Material	C.I			
Suction Pipe	Dia	12 in.			
	Material	C.I			
Number of Valves	Sluice Valves	4			
	Non-Return Valves	2			
	Penstock Valves	2			
Ultimate Disposal		Daska Drain 1			
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)		8181			
Ultimate disposal of wastewater?					
Electro-Mechanical Equipment Details					
Number of WAPDA Feeders		1			
Transformer Capacity (kVA)		400			
Number of MCU		2			
Sanctioned Load (kWh)		75			
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		

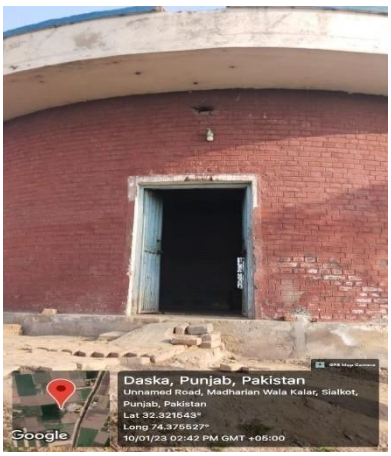
Pump Detail		
	Pump A	Pump B
Pump Type	Centrifugal/ Non-Clogging	Centrifugal/ Non-Clogging
Pump Brand	KSB	KSB
Pump Paint	ok	ok
Motor Brand	Siemens	Siemens
Installation Year of Pump	2006	2006
Discharge Capacity (Cusecs)	5	5
Rotational Speed (RPM)	960	960
Head (ft.)	50	50
Motor Power (HP)	50	50
Pump Daily Running Time (Hours)	8	8

Integrated Development and Asset Management Plan (IDAMP)						
Base Plate		Yes	No	Yes	No	
Number of Valves	Sluice Valve	4				
	Non-Returning Valve	2				

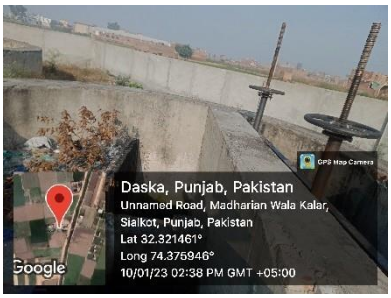
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E

Remarks / Requirements		
No remarks		
Data Collected By: Mr. Jawad	*Designation:* Team Member	*Sign & Date:* 29 March 2023
Data Checked By: Mr. M. Fiaz	*Designation:* Team Lead	*Sign & Date:* 29 March 2023

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A7	Sewerage Disposal Station Asset Condition Assessment			Asset Code: _____ Date: 29 March 2023	
Asset Detail					Pictures
Name		Pasrur Road Disposal Station			
Location	Latitude	32.321543			
	Longitude	74.375527			
Address		Pasrur Road			
Area (Acres)		0.25			
Installation Year		2006			
Capital Cost of Machinery					
Outfall Drain Sewer	Dia	42 in.			
	Material	RCC			
Screening Chamber	No. of Screens	2			
	Screen Condition	Good	Fair	Poor	
	Chamber Structure	Circular			
Wet Wells	Number	2			
	Shape	Rectangular	Circular		
	Size	25 ft.			
	Structure	Masonry	RCC		
	Railing	Yes	No		
Force Main	No. of force mains	N/A			
	Dia	N/A			



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A7	Sewerage Disposal Station Asset Condition Assessment			Asset Code: _____ Date: 29 March 2023	
	Material	N/A			
	Starting Point	N/A			
	Ending Point	N/A			
	Length	N/A			
Sullage Carrier	Size	4 ft. X 5 ft.			
	Shape	Open Rectangular Channel			
	Length	700 ft.			
	Condition	Fair			
Delivery Pipe	Dia	12 in.			
	Material	C.I			
Suction Pipe	Dia	12 in.			
	Material	C.I			
Number of Valves	Sluice Valves	8			
	Non-Return Valves	4			
	Penstock Valves	2			
Ultimate Disposal		Daska Drain 1			
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)		16362			
Ultimate disposal of wastewater?					
Electro-Mechanical Equipment Details					
Number of WAPDA Feeders		1			
Transformer Capacity (kVA)		200			
Number of MCU		4			
Sanctioned Load (kWh)		150			
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		



Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Daska									
Form: IDAMP-A7	Sewerage Disposal Station Asset Condition Assessment						Asset Code: _____ Date: 29 March 2023		
Change Over		Yes		No					
Pump Detail									
		Pump A		Pump B		Pump C		Pump D	
Pump Type		Centrifugal/ Non-Clogging		Centrifugal/ Non-Clogging		Centrifugal/ Non-Clogging		Centrifugal/ Non-Clogging	
Pump Brand		KSB		KSB		KSB		KSB	
Pump Paint		ok		ok		ok		ok	
Motor Brand		Siemens		Siemens		Siemens		Siemens	
Installation Year of Pump		2006		2006		2006		2006	
Discharge Capacity (Cusecs)		5		5		5		5	
Rotational Speed (RPM)		960		960		960		960	
Head (ft.)		50		50		50		50	
Motor Power (HP)		50		50		50		50	
Pump Daily Running Time (Hours)		8		8		8		8	
Base Plate		Yes	No	Yes	No	Yes	No	Yes	No
Number of Valves	Sluice Valve	8							
	Non-Returning Valve	4							

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. Jawad	*Designation:* Team Member	*Sign & Date:* 29 March 2023
Data Checked By: Mr. M. Fiaz	*Designation:* Team Lead	*Sign & Date:* 29 March 2023

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A7	Sewerage Disposal Station Asset Condition Assessment				Asset Code: _____ Date: 29 March 2023
Asset Detail					**Pictures**
Name		Nawaz Sharif Stadium Disposal Station			
Location	Latitude	32.338956			
	Longitude	74.33658			
Address		Nawaz Sharif Stadium			
Area (Acres)		0.25			
Installation Year		2006			
Capital Cost of Machinery					
Outfall Drain Sewer	Dia	42 in.			
	Material	RCC			
Screening Chamber	No. of Screens	2			
	Screen Condition	Good	Fair	Poor	
	Chamber Structure	Circular			
Wet Wells	Number	2			
	Shape	Rectangular	Circular		
	Size	25 ft.			
	Structure	Masonry	RCC		
	Railing	Yes	No		
Force Main	No. of force mains				
	Dia				
	Material				
	Starting Point				
	Ending Point				
	Length				
Sullage Carrier	Size	4 ft. X 5 ft.			
	Shape	Open Rectangular Channel			
	Length				
	Condition	Fair			
Delivery Pipe	Dia	12 in.			
	Material	C.I			
Suction Pipe	Dia	12 in.			
	Material	C.I			
Number of Valves	Sluice Valves	12			
	Non-Return Valves	6			
	Penstock Valves	2			
Ultimate Disposal		Mallian Wala Nullah			
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)		24543			
Ultimate disposal of wastewater?					
Electro-Mechanical Equipment Details					

Integrated Development and Asset Management Plan (IDAMP)												
Number of WAPDA Feeders	1											
Transformer Capacity (kVA)	400											
Number of MCU	6											
Sanctioned Load (kWh)	225											
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 F**	
Pump Type	Centri-fugal / Non-Clogging		Centri-fugal / Non-Clogging		Centri-fugal / Non-Clogging		Centri-fugal / Non-Clogging		Centri-fugal / Non-Clogging		Centri-fugal / Non-Clogging	
Pump Brand	KSB		KSB		KSB		KSB		KSB		KSB	
Pump Paint	ok		ok		ok		ok		ok		ok	
Motor Brand	Siemens		Siemens		Siemens		Siemens		Siemens		Siemens	
Installation Year of Pump	2006		2006		2006		2006		2006		2006	
Discharge Capacity (Cusecs)	5		5		5		5		5		5	
Rotational Speed (RPM)	960		960		960		960		960		960	
Head (ft.)	50		50		50		50		50		50	
Motor Power (HP)	50		50		50		50		50		50	
Pump Daily Running Time (Hours)	8		8		8		8		8		8	
Base Plate	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No
Number of Valves — Sluice Valve	12											
Number of Valves — Non-Returning Valve	6											

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. Jawad**	*Designation:* **Team Member**	*Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	*Sign & Date:* **29 March 2023**

C. Vehicles/ Machinery

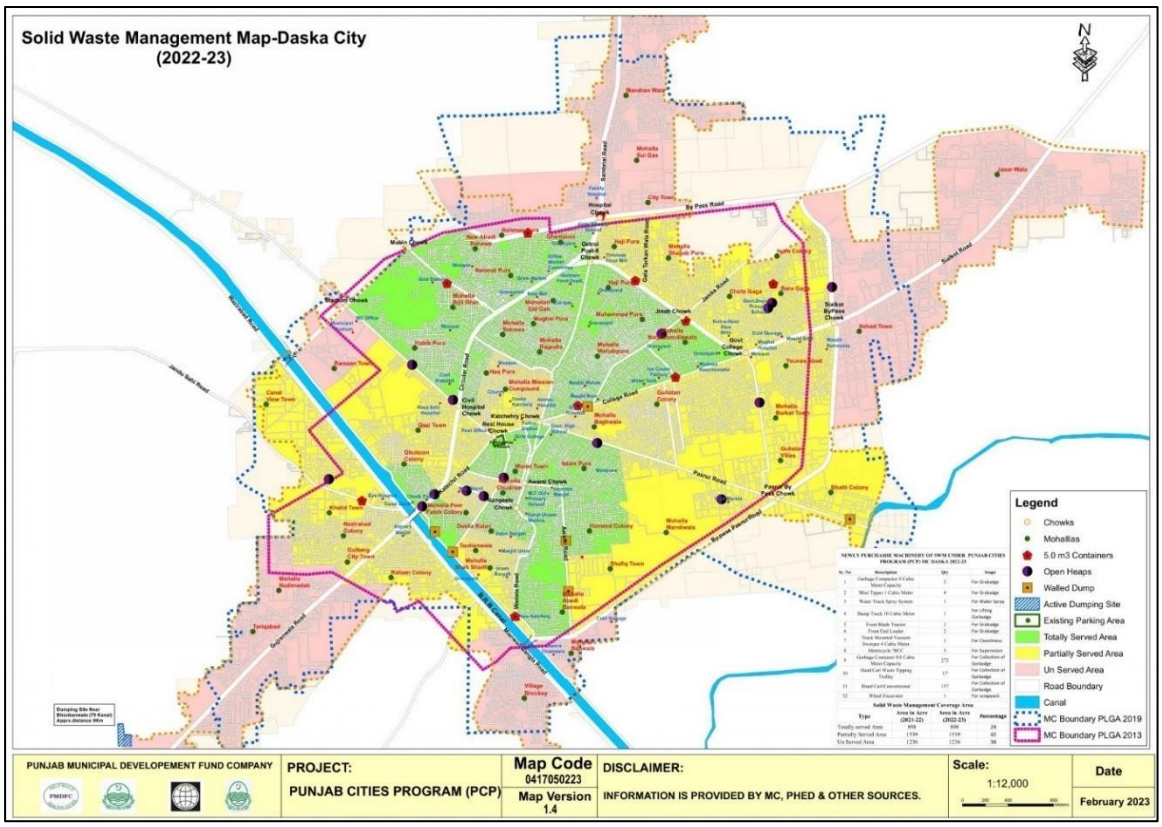
Sr #	Name	Registration Number	Age (Years)	Condition	Status	Capacity	Book Value (PKR million)
1	Sucker Machine	Registration Not Found (Jetting)	11	Good	Functional	4200CC	0.7
2	Dewatering Set (13 nos.)		Not Available	Good	Functional	Not Available	Not Available
3	Shoulder Foggers (5 nos.)	Not Applicable	10	Fair	Functional	Not Available	Not Available
4	Spray Pumps (13 nos.)	Not Applicable	10	Fair	Functional	Not Available	Not Available
5	Safety Gear (07 nos.)	Not Applicable	10	Fair	Functional	Not Available	Not Available
6	Sewer Safety Equipment (1 nos.)	Not Applicable	10	Fair	Functional	Not Available	Not Available

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Daska		
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment	Asset Code: _____ Date: 10-01-2023
Type of Vehicle / Machinery	Pictures	
Sucker and Jetter		
Capacity	4500 liters	4500 liters
Purpose	Sewerage	Sewerage
Year of Manufacturing	2012	2012
Model	Fuso Canter	Fuso Canter
Capital Cost	Not Available	Not Available
Fuel Consumption (lit/month)	119	119
Condition	Good	Good
Engine Capacity	4200 cc	4200 cc
Maintenance Cost	Not Available	Not Available
Oiling /Fitness	Yes	Yes

Fitness Certificate	No			No	
Registered	No			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. Jawad**		*Designation:* **Team Member**		 *Sign & Date:* 29 March 2023	
Data Checked By: **Mr. M. Fiaz**		*Designation:* **Team Lead**		 *Sign & Date:* 29 March 2023	

3. Solid Waste Management

Key Components of Solid Waste Management System



A. Dumping Site

Sr #	Name	Age (Years)	Condition	Status	Area(Acres)	Ownership	Book Value (PKR million)
1	Ghalotian Morr	5	Poor	Functional	7.15	MC	247

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Daska				
Form: IDAMP-A11	Solid Waste Dumping Site Asset Condition Assessment			Asset Code: _____ Date: 10-01-2023
Name		Ghalotian Morr		Pictures
Location	Latitude	32.286943		
	Longitude	74.299538		
Address		Ghalotian Morr		
Area (Acres)		7.15		
Distance from urban area		6-7 km		
Year the site started for dumping service		5 years ago		
Average waste dumped daily (based on information provided by MC)		Not Available		
EHS SOPs for waste handlers		Not Available		
Availability of PPEs for waste collectors/handlers		Yes	**No**	
Expected Life (Years)		10		
Land Ownership		MC		
Site Accessibility		Difficult		
Surface Type		Flat	Depressed	
Approach Road Condition		Good	Fair	Poor
Parking Shed		Yes	No	
Boundary Wall		Yes	No	
Gate		Yes	No	
Ramps		Yes	No	
Any Building at Site		Yes	No	
Weigh Bridge		Yes	No	
Earth Cover Arrangements		Yes	**No**	
Compaction Equipment		Yes	**No**	
Plantation Around Site		Yes	No	

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A11	Solid Waste Dumping Site Asset Condition Assessment				Asset Code: _____ Date: 10-01-2023
Any illegal occupants or encroachments observed-if yes, type	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					
Presently MC collects solid wastes and dispose off at plain area dumping site i.e. 7.15 acres. Worth mentioning is that this is not a proper disposal of solid wastes in respect of environment and utilization of land.					
Data Collected By: Mr. Jawad	*Designation:* Team Member			Jawad *Sign & Date:* 29 March 2023	
Data Checked By: Mr. M. Fiaz	*Designation:* Team Lead			*Sign & Date:* 29 March 2023	

B. Vehicles/ Machinery

Sr #	Name	Registration Number	Quantity	Age (Years)	Condition	Status	Capacity	Book Value (PKR million)
1	Tractor-Millat	MCD-09	1	13	Fair	Functional	85 HP	0.2
2	Tractor-Millat	MCD-4	1	13	Fair	Functional	75 HP	0.2
3	Tractor-Millat	MCD-3	1	17	Fair	Functional	85 HP	0.1
4	Tractor-Millat	MCD-06	1	21	Fair	Functional	50 HP	0.1
5	Tractor-Millat	MCD-02	1	29	Fair	Functional	50 HP	0.1
6	Hino	Hino Da'ala	1	11	Fair	Functional	4000CC	1
7	Tractor-Millat	MCD-08	1	13	Fair	Functional	50 HP	0.2
8	Tractor-Millat	MCD-07	1	16	Fair	Functional	50 HP	0.2
9	SWM containers (20 nos.)	Not-Applicable	20	1	Excellent	Functional	5 m3	Not-Available
10	Garbage compactor 8.0 cubic meter capacity	Not-Available	3	1	Excellent	Functional	8.0 cubic meter	9.54
11	Garbage container 0.8 cubic meters capacity	Not-Applicable	272	1	Excellent	Functional	0.8 cubic meters	0.08
12	Handcart / waste tipping trolley	Not-Applicable	17	1	Excellent	Functional	Not Available	0.07
13	Conventional three wheeled handcarts	Not-Applicable	157	1	Excellent	Functional	Not Available	0.03
14	Front blade tractor	Not-Available	1	1	Excellent	Functional	Not Available	2.45
15	Front end loader	Not-Available	2	1	Excellent	Functional	Not Available	2.97
16	Truck mounted suction sweeper	Not-Available	1	1	Excellent	Functional	Not Available	18.90
17	Mini tipper 1.0 cubic meter	Not-Available	4	1	Excellent	Functional	1.0 cubic meter	1.64
18	Water bowsers with spray system	Not-Available	1	1	Excellent	Functional	1200 Gallons	8.73
19	Dump truck 10 cubic meter	Not-Available	1	1	Excellent	Functional	10 cubic meter	14.76
20	Wheel Excavator	Not-Available	1	1	Excellent	Functional	Not Available	34.98

Sr #	Name	Registration Number	Quantity	Age (Years)	Condition	Status	Capacity	Book Value (PKR million)
21	Motor bike 72 cc	Not-Available	3	1	Excellent	Functional	72 cc	0.09

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A16.1	Moveable Asset Asset Condition Assessment				Asset Code: _____ Date: 10-01-2023
Type of Vehicle / Machinery	Pictures				
Truck					
Capacity	5m3				
Purpose	SWM				
Year of Manufacturing	2012				
Model	Hino 300				
Capital Cost	Not Available				
Fuel Consumption (lit/month)	344				
Condition	Good				
Engine Capacity	4000 cc				
Maintenance Cost	Not Available				
Oiling /Fitness	Yes				
Fitness Certificate	No				
Registered	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					

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Daska		
Form: IDAMP-A16.1	Moveable Asset Asset Condition Assessment	Asset Code: _____ Date: 10-01-2023
Data Collected By: Mr. Jawad	*Designation:* Team Member	 *Sign & Date:* 29 March 2023
Data Checked By: Mr. M. Fiaz	*Designation:* Team Lead	 *Sign & Date:* 29 March 2023

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Daska				
Form: IDAMP-A16.2	Moveable Asset Asset Condition Assessment			Asset Code: _____ Date: 10-01-2023
Type of Vehicle / Machinery	Pictures			
Tractor				
	Tractor No.1	**Tractor No.2**	**Tractor No.3**	**Tractor No.4**
Capacity	Not Available	Not Available	Not Available	Not Available
Purpose	SWM	SWM	SWM	SWM
Year of Manufacturing	2010	2006	2002	2008
Model	MF385	MF375	MF385	MF240
Capital Cost	Not Available	Not Available	Not Available	Not Available
Fuel Consumption (lit/month)	161	252	247	199
Condition	Fair	Fair	Fair	Fair
Engine Capacity	85 HP	75 HP	85 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	MCD-09	MCD-04	MCD-03	MCD-06
Overall Rating	Fair	Fair	Fair	Fair
Remarks / Requirements				
•				
Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**		*Sign & Date:* **29 March 2023**	
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**		*Sign & Date:* **29 March 2023**	

Integrated Development and Asset Management Plan (IDAMP)			
Municipal Committee Daska			
Form: IDAMP-A16.3	Moveable Asset Asset Condition Assessment		Asset Code: _____ Date: 10-01-2023
Type of Vehicle / Machinery	Pictures		
Tractor			
	Tractor No.5	Tractor No.6	Tractor No.7
Capacity	Not Available	Not Available	Not Available
Purpose	SWM	SWM	SWM
Year of Manufacturing	1994	2010	2007
Model	MF240	MF240	MF240
Capital Cost	Not Available	Not Available	Not Available
Fuel Consumption (lit/month)	189	194	199
Condition	Fair	Fair	Fair
Engine Capacity	50 HP	50 HP	50 HP
Maintenance Cost	Not Available	Not Available	Not Available
Oiling /Fitness	Yes	Yes	Yes
Fitness Certificate	No	No	No
Registered	MCD-02	MCD-08	MCD-07
Overall Rating	Poor	Fair	Fair
Remarks / Requirements			
• No remarks			
Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**		*Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**		*Sign & Date:* **29 March 2023**

4. Buildings

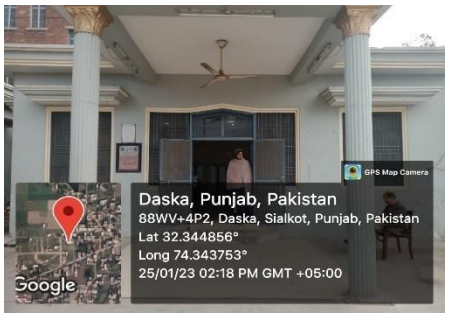
A. Offices

Sr #	Name	Age (Years)	Condition	Status	Area (Acres)	Book Value (PKR million)
1	MC Office	21	Fair	Functional	0.3	57
2	MC Office 2	3	Good	Functional	0.12	32

B. Library

Sr #	Name	Age (Years)	Condition	Status	Area (Acres)	Book Value (PKR million)
1	MC Library	11	Fair	Functional	0.11	34

Integrated Development and Asset Management Plan (IDAMP)			
Municipal Committee Daska			
Form: IDAMP-A14.1	Building Asset Condition Assessment		Asset Code: _____ Date: 25-01-2023
Name		MC Library	Pictures
Location	Latitude	32.33111	
	Longitude	74.3500	
Address			
Year of Construction		Not Available	
Land Area (Acres)		0.11	
No. of Stories		1	
Condition		Satisfactory	
Purpose			
No. of Staff		4	
No. of Rooms		3	
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



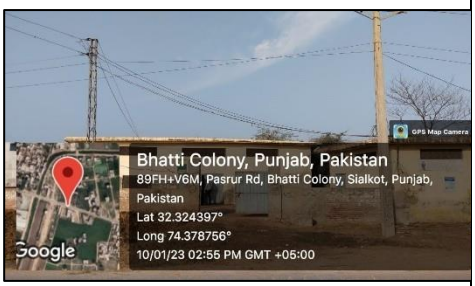
Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A14.1	Building Asset Condition Assessment				Asset Code: _____ Date: 25-01-2023
Machinery & Equipment		**Yes**	No		
Sports Club		Yes	**No**		
Staff Attendance System		**Yes**	No		
Emergency Alarm 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					
• Proper book shelves are required • Proper sitting area is required • More lights should be installed • Separate parking area is required • A computer room should be provided • Digital record keeping system should be installed					
Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**			*Sign & Date:* **29 March 2023**	
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**			*Sign & Date:* **29 March 2023**	

5. Public Places

A. Slaughter House

Sr #	Name	Age (Years)	Condition	Status	Area (Acres)	Book Value (PKR million)
1	Pasrur Road Slaughter House	37	Poor	Functional	0.4	57

Integrated Development and Asset Management Plan (IDAMP)			
Municipal Committee Daska			
Form: IDAMP-A15	Slaughterhouse Asset Condition Assessment		Asset Code: _____ Date: 10-01-2023
Name		Pasrur Road Slaughter House	Pictures
Location	Latitude	32.324397	
	Longitude	74.378756	
Address		Pasrur Road Slaughter House	
Year of Construction		Not Available	
Total Area (Acres)		0.4	
Ownership		MC	
Slaughter Capacity (Per Day)	Larger Animals	10-15	
	Smaller Animals	25-30	
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



Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A15	Slaughterhouse Asset Condition Assessment				Asset Code: _____ Date: 10-01-2023
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					
• Tool Disinfectant system, Storage system, Separate facility for sick animals, veterinary and proper disposal facility are required.					
Data Collected By: Mr. Jawad	*Designation:* Team Member			*Sign & Date:* 29 March 2023	
Data Checked By: Mr. M. Fiaz	*Designation:* Team Lead			*Sign & Date:* 29 March 2023	

B. Bus Stand

Sr #	Name	Age (Years)	Condition	Status	Area (Acres)	Book Value (PKR million)
1	Bus Stand	33	Poor	Functional	Not-Available	Not-Available

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A12		Bus Stand Asset Condition Assessment			Asset Code: _____ Date: 10-01-2023
Name		Bus Stand		Pictures	
Location	Latitude	32.327277			
	Longitude	74.345531			
Address		Bank road			
Year of Construction		1990			
Last Major Renovation		Not Available			
Area (Acres)		1.5			
Ownership		MC Daska			
Class		A	B	C	D
Designed Capacity of Vehicles	Buses	Not Available			
	Coasters	Not Available			
	Wagons	Not Available			
Daily parking of vehicles (based on information provided by MC)	Buses	8			
	Coasters	6			
	Wagons	10			
	Rickshaws	Not Available			
Distance from the urban area		0 m			
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		
	Male	Yes	No		

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A12	Bus Stand Asset Condition Assessment				Asset Code: _____ Date: 10-01-2023
Prayer Room	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		
Pedestrian		Yes	No		
Green Spaces		Yes	No		
Water Drinking Arrangement		Yes	No		
Water Disposal Arrangement		Yes	No		
Boarding Shed		Yes	No		
Workshops		Yes	No		
Lighting		Yes	No		
Boundary Wall		Yes	No		
Flooring & Pavement	Type	PCC			
	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		
Rehabilitation of bus stand is required.		
Data Collected By: Mr. Jawad	*Designation:* Team Member	*Sign & Date:* 29 March 2023
Data Checked By: Mr. M. Fiaz	*Designation:* Team Lead	*Sign & Date:* 29 March 2023

C. Graveyards

Sr #	Name	Age (Years)	Condition	Status	Area (Acres)	Book Value (PKR million)
1	Gaga Cemetery	Not-Available	Fair	Functional	1.15	128
2	College Chowk Cemetery	Not-Available	Fair	Functional	2	224
3	Qabristan e Shaheedan	Not-Available	Fair	Functional	3	384
4	Gulzar e Hanfia	Not-Available	Fair	Functional	0.5	48
5	Shah Sharif Graveyard	Not-Available	Fair	Functional	2.7	302
6	Farooqia Graveyard	Not-Available	Fair	Functional	1.6	153

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Daska				
Form: IDAMP-A13.1	Graveyard Asset Condition Assessment			Asset Code: _____ Date: 25-01-2023
Name		Gaga Cemetery		Pictures
Location	Latitude	32.339808		
	Longitude	74.375872		
Address		Bypass Road, Daska		
Ownership		MC		
Year of Construction		Not Available		
Area (Acres)		1.15 Acres		
Condition		Fair		
Number of Graves		Approximately 500		
Burial		Muslims	Christians	Others
Caretaker		Yes	No	
Janaza Gah		Yes	No	
Ablution Area		Yes	No	
Washrooms		Yes	No	
Drainage System		Yes	No	
Passageways		Yes	No	
Encroachment Status		Yes	No	
Burial Fee Collection		Yes	No	
Litigation		Yes	No	
Committee		Yes	No	

Boundary Wall	Yes	No
Entrance Gate	Yes	No
Light Arrangements	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

- Rehabilitation is required for ablution area and washrooms
- Proper drainage system and passage way is required
- Proper sitting area is required

Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	*Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	*Sign & Date:* **29 March 2023**

Integrated Development and Asset Management Plan (IDAMP)

Municipal Committee Daska

Form: IDAMP-A13.2	Graveyard Asset Condition Assessment	Asset Code: _____ Date: 25-01-2023

Name		College Chowk Cemetery		Pictures
Location	Latitude	32.336358		
	Longitude	74.366300		
Address		College Chowk, Daska		
Ownership		MC		
Year of Construction		Not Available		
Area (Acres)		2		
Condition		Fair		
Number of Graves		Approximately 400		
Burial		Muslims	Christians	Others
Caretaker		Yes	No	
Janaza Gah		Yes	No	
Ablution Area		Yes	No	
Washrooms		Yes	No	
Drainage System		Yes	No	

Passageways	Yes	**No**
Encroachment Status	Yes	**No**
Burial Fee Collection	**Yes**	No
Litigation	Yes	**No**
Committee	Yes	**No**
Boundary Wall	**Yes**	No
Entrance Gate	**Yes**	No
Light Arrangements	**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

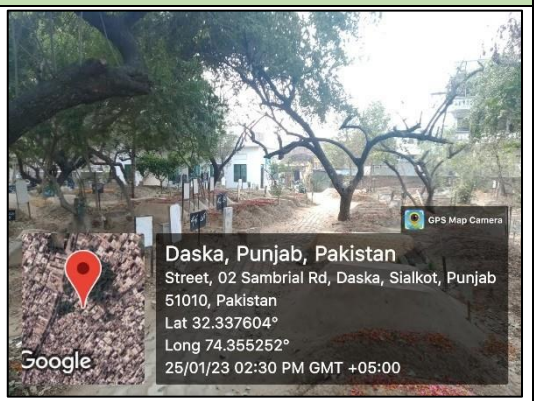
- Proper drainage system, washrooms, ablution area, Janaza gah and passage way is required
- Proper sitting area is required

Data Collected By:	*Designation:*	*Sign & Date:* 29 March 2023
Data Checked By:	*Designation:*	*Sign & Date:* 29 March 2023

Integrated Development and Asset Management Plan (IDAMP)

Municipal Committee Daska

Form: IDAMP-A13.3	Graveyard Asset Condition Assessment	Asset Code: _____ Date: 25-01-2023

Name		Qabristan e Shaheedan	**Pictures**
Location	Latitude	32.338480	
	Longitude	74.355111	
Address		Sambrial Road, Sialkot	
Ownership		MC	
Year of Construction		Not Available	
Area (Acres)		3	
Condition		Fair	
Number of Graves		1800-2000	

Burial	Muslims	Christians	Others
Caretaker	**Yes**	No	
Janaza Gah	Yes	**No**	
Ablution Area	Yes	**No**	
Washrooms	Yes	**No**	
Drainage System	**Yes**	No	
Passageways	Yes	**No**	
Encroachment Status	Yes	**No**	
Burial Fee Collection	**Yes**	No	
Litigation	Yes	**No**	
Committee	Yes	**No**	
Boundary Wall	**Yes**	No	
Entrance Gate	**Yes**	No	
Light Arrangements	**Yes**	No	

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

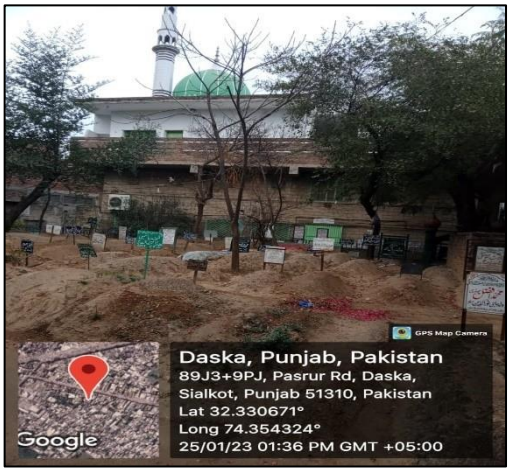
Remarks / Requirements

- Proper sitting area, Ablution area and Janazagah is required.

Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	Jawad *Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	*Sign & Date:* **29 March 2023**

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Daska			
Form: IDAMP-A13.4	Graveyard Asset Condition Assessment		Asset Code: _____ Date: 25-01-2023
Name		Gulzar e Hanfia	Pictures
Location	Latitude	32.330675	
	Longitude	74.353725	
Address		Pasrur Road, Daska	

Ownership	MC		
Year of Construction	Not Available		
Area (Acres)	.5		
Condition	Fair		
Number of Graves	Approximately 700		
Burial	Muslims	Christians	Others
Caretaker	Yes	No	
Janaza Gah	Yes	No	
Ablution Area	Yes	No	
Washrooms	Yes	No	
Drainage System	Yes	No	
Passageways	Yes	No	
Encroachment Status	Yes	No	
Burial Fee Collection	Yes	No	
Litigation	Yes	No	
Committee	Yes	No	
Boundary Wall	Yes	No	
Entrance Gate	Yes	No	
Light Arrangements	Yes	No	



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

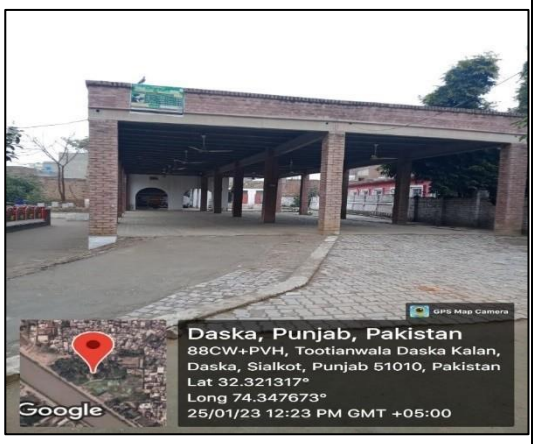
Remarks / Requirements

- Proper sitting area is required
- Land expansion is required

Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	*Sign & Date:* 29 March 2023
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	*Sign & Date:* 29 March 2023

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Daska		
Form: IDAMP-A13.5	Graveyard Asset Condition Assessment	Asset Code: _____ Date: 25-01-2023
Name	Shah Sharif Graveyard	Pictures

Location	Latitude	32.321317		
	Longitude	74.347673		
Address		Tootianwala, Daska		
Ownership		MC		
Year of Construction		Not Available		
Area (Acres)		2.7		
Condition		Fair		
Number of Graves		700-800		
Burial		Muslims	Christians	Others
Caretaker		Yes	No	
Janaza Gah		Yes	No	
Ablution Area		Yes	No	
Washrooms		Yes	No	
Drainage System		Yes	**No**	
Passageways		Yes	**No**	
Encroachment Status		Yes	**No**	
Burial Fee Collection		Yes	No	
Litigation		Yes	**No**	
Committee		Yes	**No**	
Boundary Wall		Yes	No	
Entrance Gate		Yes	No	
Light Arrangements		Yes	No	



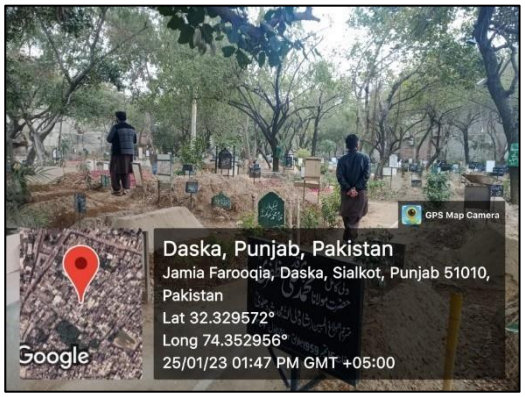
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E

Remarks / Requirements

- Proper drainage system and passage way is required
- Proper sitting area is required

Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	*Sign & Date:* 29 March 2023
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	*Sign & Date:* 29 March 2023

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A13.6	Graveyard Asset Condition Assessment			Asset Code: _____ Date: 25-01-2023	
Name		Farooqia Graveyard		Pictures	
Location	Latitude	32.328894			
	Longitude	74.352555			
Address		Jammia Farooqia, Daska			
Ownership		MC			
Year of Construction		Not Available			
Area (Acres)		1.6			
Condition		Fair			
Number of Graves		Approximately 1000			
Burial		Muslims	Christians	Others	
Caretaker		Yes	No		
Janaza Gah		Yes	No		
Ablution Area		Yes	No		
Washrooms		Yes	No		
Drainage System		Yes	No		
Passageways		Yes	No		
Encroachment Status		Yes	No		
Burial Fee Collection		Yes	No		
Litigation		Yes	No		
Committee		Yes	No		
Boundary Wall		Yes	No		
Entrance Gate		Yes	No		
Light Arrangements		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

- Proper drainage system and passage way is required
- Proper sitting area is required
- Land expansion is required

Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	Jawad

		Sign & Date: 29 March 2023
Data Checked By: Mr. M. Fiaz	*Designation:* Team Lead	 *Sign & Date:* 29 March 2023

D. Shops

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Daska														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 29-03-2023		
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	01019	Fawara Chowk	32.331649	74.352778	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Bilal Rahman	Milk shop
2	01011	Fawara Chowk	32.331711	74.352783	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Faisal Javed Iqbal	Shoes Shop
3	01012	Fawara Chowk	32.331691	74.352781	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Waqas Javed Iqbal	Shoes Shop
4	01013	Fawara Chowk	32.331697	74.35278	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Faisal Javed Iqbal	Shoes Shop
5	01020	Fawara Chowk	32.331642	74.352775	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Safdar Hussain	Soda Shop
6	01002	Fawara Chowk	32.331772	74.352792	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Tahir Shahzad	Karyana Store
7	01001	Fawara Chowk	32.331776	74.352792	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	M.Saleem NAz	Shop Shop
8	01005	Fawara Chowk	32.331761	74.352789	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Usman	Zarri Shop
9	01006	Fawara Chowk	32.33175	74.352787	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Abdul Aziz	Shoes Shop

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Daska														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 29-03-2023		
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
10	01007	Fawara Chowk	32.331745	74.352786	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Abdul Aziz	Shoes Shop
11	01014	Fawara Chowk	32.331688	74.35278	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	M.Rafique	Rang Saz
12	01015	Fawara Chowk	32.331677	74.35278	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Abdul Rasheed	karyana
13	01016	Fawara Chowk	32.331665	74.352779	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Abu Bakkar	Shoes shop
14	01017	Fawara Chowk	32.331661	74.352779	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Ahmad Hussain	karyana
15	01018	Fawara Chowk	32.33165	74.352778	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Umer Ayoub	ware house
16	01004	Fawara Chowk	32.331764	74.352789	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Abdul Satar	Warehouse
17	01010	Fawara Chowk	32.331728	74.352784	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Yaqoob Ahmad	shoes shop
18	01008	Fawara Chowk	32.331742	74.352785	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	M Mehboob	Smosa Shop
19	01003	Fawara Chowk	32.331769	74.35279	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Umer Ayoub	karyana
20	01009	Fawara Chowk	32.331731	74.352784	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Yaqoob Ahmad	Hotel

Integrated Development and Asset Management Plan (IDAMP)														
Municipal Committee Daska														
Form: IDAMP-A17					Shop Asset Condition Assessment							Asset Code: _____ Date: 29-03-2023		
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**
21	01021	Fawara Chowk	32.331639	74.352775	0	2	Commercial	Owned/ Managed	No	No	Rented/ Leased	Good	Tanveer Ahmad Mughal	Young Blood Foundation

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

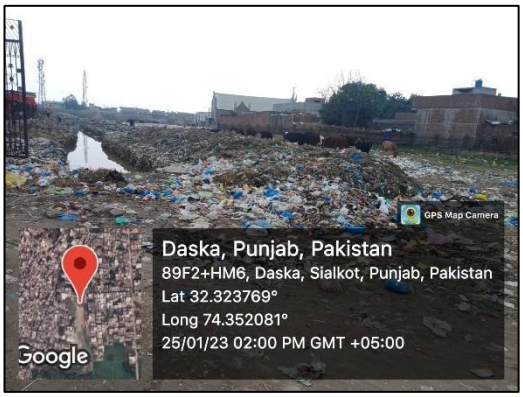
Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	 *Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	 *Sign & Date:* **29 March 2023**

Sr #	Name	No.	Condition	Status	Area (square feet)	Book Value (PKR million)
1	Old Office TMA	21	Fair	Functional	Not-Available	1.3

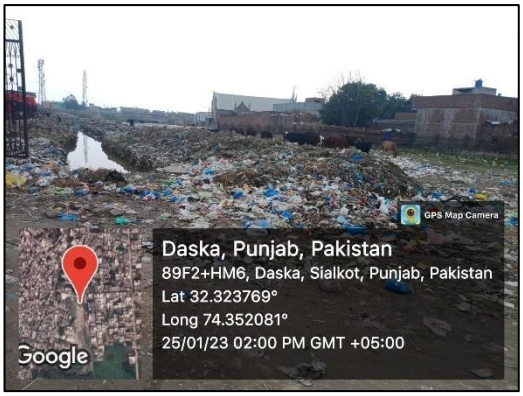
E. Parks

Sr #	Name	Age (Years)	Condition	Status	Area (Acres)	Book Value (PKR million)
1	Shah Wali Park	Not-Available	Failing	Non-Functional	6	576

Integrated Development and Asset Management Plan (IDAMP)				
Municipal Committee Daska				
Form: IDAMP-A10	Park Asset Condition Assessment			Asset Code: _____ Date: 10-01-2023
Name		Shah Wali Park		Pictures
Location	Latitude	32.323827		
	Longitude	74.352034		
Area In Acres		6 Acres		
Ownership-Owned by MC or possession allocated to MC by any other department (documents available)		MC		
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)		Not Available		
Any illegal occupants or encroachments observed-if yes, type		No		
Security system		Yes	No	
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)		Not Available		
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		



Integrated Development and Asset Management Plan (IDAMP)			
Municipal Committee Daska			
Form: IDAMP-A10	Park Asset Condition Assessment		Asset Code: _____ Date: 10-01-2023
	Ladies	0	
Condition of Toilets	Gents	0	
	Ladies	0	
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)	Not Available		
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

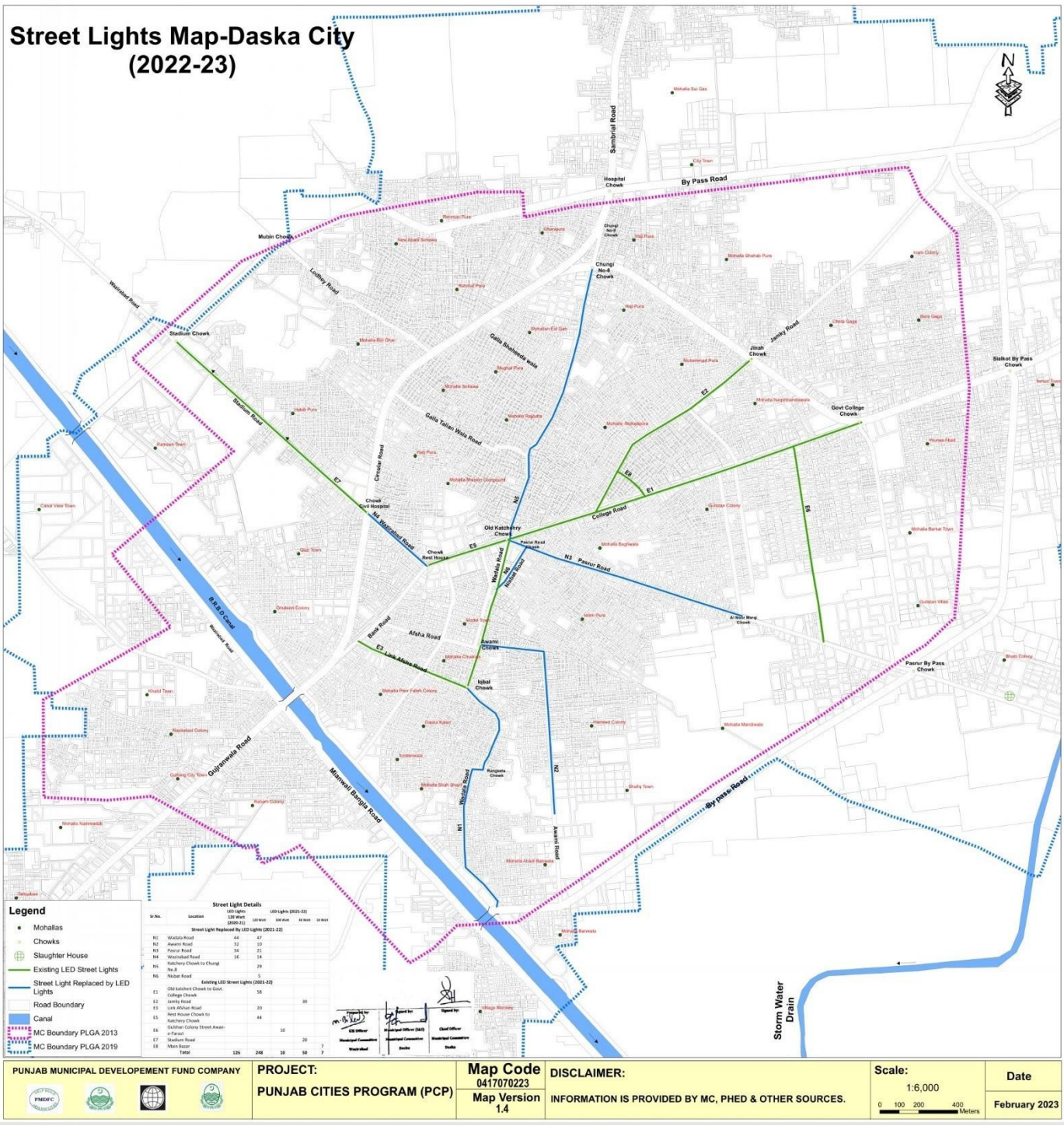
Remarks / Requirements

- This parks require proper cleaning and monitoring.
- All waste should be dumped at the dumping site
- Necessary recreational facilities are required such as walking track, play area etc.

Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	Jawad

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Daska		
Form: IDAMP-A10	Park Asset Condition Assessment	Asset Code: _____ Date: 10-01-2023
		Sign & Date: 29 March 2023
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	 *Sign & Date:* 29 March 2023

6. Street Lights



	Streetlights	MC Operated	Privately Operated
Operational Street Lights	421	421	
Non-Operational Street Lights	107	107	
Total	**528**	**528**	**0**

Detail of Street Lights Poles

Operated by	Precast Concrete	Steel Structure	Tubular Steel	Wire	Walls
MC	83	51	73		156
Private					

Integrated Development and Asset Management Plan (IDAMP)		
Municipal Committee Daska		
Form: IDAMP-A9	Street Lights Asset Condition Assessment	Asset Code: _____ Date: 05-05-2023

Pictures

Road	Type of Luminaries				Total	Operational Status	Poles Type (WAPDA Pole / MC Pole)
	Sodium	Led	Tube Light (40 W)	Energy Saver / Light Bulb			
Stadium Road		19			19	Operational	
Wazirabad Road		14			14	Operational	
Bank Road		22			22	Operational	
Bangla Chowk		51			51	Operational	

Degree College Chowk		27			27	Operational	
Main Bazar		61			61	Operational	
Pasroor Road		64			64	Operational	
Jamkey Road Galliya		85			85	Operational	
Sambrial Road		42			42	Operational	
Main Bazar Daska Galliya		143			143	Operational	

Remarks / Requirements
• Out of the 528 lights in the MC, 421 lights were found to be operational.

Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	 *Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	 *Sign & Date:* **29 March 2023**

7. Roads

Integrated Development and Asset Management Plan (IDAMP) Municipal Committee Daska		
Form: IDAMP-A8	Road Asset Condition Assessment	Asset Code: _____ Date: 10-01-2023
Pictures		

Sr. No.	Road Name	From	to	Ownership	TST, Asphalt Or Concrete Pavers	Row (Ft)	Paved Width (Ft)	Approx. Length (Km)	Condition
1	Awami Rd	Nisbat Rd	Bypass Rd	MC	TST	30	16	1.5	Poor
2	Wadala Rd	Madrassa Darl-aloom	BRB Canal	MC	TST	25-35	14	1.0	Poor
3	Jamkey Rd	Masjid Noor	Jinnah Chowk	MC	TST	30-45	20	1.5	Poor
4	Pasrur Rd	Pasrur Rd Chowk	Bypass Rd	MC	TST	30	12	2.0	Poor
5	Awan-e-Farasat Rd	College Rd	Pasrur Rd	MC	Concrete	20	20	1.0	Poor
6	Jamshed Rd	College Rd	Pasrur Rd	MC	Concrete	16-20	12	1.0	Poor
7	Sohawa Rd	Circular Rd	Mubeen Chowk	MC	Concrete	16	10	2.0	Poor
8	College road	Govt College chowk	Pasrur bypass chowk	MC	TST	20	10	1.0	Poor
9	Bara Gaga road	Circular Rd	Govt primary school Bara Gaga	MC	Concrete	20	12	0.5	Poor
10	College road	Katchery chowk	Govt college chowk	MC	TST	110	48	2.0	Poor
11	Katchery road	Katchery chowk	Rest house chowk	MC	TST	80	48	0.5	Poor
12	Wazirabad road	Rest house chowk	Civil hospit	MC	TST	50	48	0.25	Poor

Integrated Development and Asset Management Plan (IDAMP)									
Municipal Committee Daska									
Form: IDAMP-A8		Road Asset Condition Assessment						Asset Code: _____ Date: 10-01-2023	
			al chowk						
13	Stadium road	Civil hospital chowk	Stadium chowk	MC	TST	52	36	1.5	Poor
14	Sambrial road	Meraj chowk	Chungi no. 8	MC	Concrete Pavers	60	50	2.0	Fair
15	Bank road	Bangla chowk	Lorry Adda	MC	Asphalt	100	60	1.0	Fair

Remarks / Requirements

- Overall, majority of the roads are in very poor condition and in most of them, there is an alligator cracking which indicates end of the pavements. So, roads need immediate rehabilitation or reconstruction.

Data Collected By: **Mr. Jawad**	*Designation:* **Team Member**	 *Sign & Date:* **29 March 2023**
Data Checked By: **Mr. M. Fiaz**	*Designation:* **Team Lead**	 *Sign & Date:* **29 March 2023**

8. Office Vehicles

Sr #	Name	Registration Number	Age (Years)	Condition	Status	Capacity	Book Value (PKR million)
1	Suzuki	STM-7370	13	Fair	Functional	1000CC	0.4

Integrated Development and Asset Management Plan (IDAMP)					
Municipal Committee Daska					
Form: IDAMP-A16	Moveable Asset Asset Condition Assessment			Asset Code: _____ Date: 10-01-2023	
Type of Vehicle / Machinery	Pictures				
Car					
Capacity					
Purpose	Office Use				
Year of Manufacturing	2010				
Model	Cultus				
Capital Cost	Not Available				
Fuel Consumption (lit/month)	44				
Condition	Good				
Engine Capacity	1000 cc				
Maintenance Cost	Not Available				
Oiling /Fitness	Yes				
Fitness Certificate	No				
Registered	Yes				
Overall Rating					
Average Score	1	2	3	4	5
Asset Condition	Excellent	Good	Fair	Poor	Failing
Category	A	B	C	D	E
Remarks / Requirements					
Car is in fair condition					
Data Collected By: Mr. Jawad	*Designation:* Team Member			 *Sign & Date:* 29 March 2023	
Data Checked By: Mr. M. Fiaz	*Designation:* Team Lead			 *Sign & Date:* 29 March 2023	

Annexure B. Projects Coding Scheme:

Region Name	Region Code	MC	MC Code	Property Types	Property Type Code	Sub Property Types	Sub Property Type Code	Unique Codes
Northern Punjab	01	Daska	01	Water Supply System	01	Tube wells	01	01-01-01-01-XX
						Water Supply Network (ft)	02	01-01-01-02-XX
						OHR	03	01-01-01-03-XX
						Filtration Plants	04	01-01-01-04-XX
						Vehicles	05	01-01-01-05-XX
						GST	06	01-01-01-06-XX
				Sewerage System	02	Sewerage Network (ft)	01	01-01-02-01-XX
						Disposal Stations	02	01-01-02-02-XX
						Vehicles	03	01-01-02-03-XX
				Solid Waste Management System	03	Dumping site	01	01-01-03-01-XX
						Vehicles	02	01-01-03-02-XX
						Parking Shed	03	01-01-03-03-XX
				Roads and Streets	04	Roads	01	01-01-04-01-XX
						Street	02	01-01-04-02-XX
						Street light	03	01-01-04-03-XX
				Public Places	05	Parks	01	01-01-05-01-XX
						Playgrounds	02	01-01-05-02-XX
						Open Spaces / Plots	03	01-01-05-03-XX
						Bus Stand	04	01-01-05-04-XX
						Library	05	01-01-05-05-XX
						Slaughter Houses	06	01-01-05-06-XX
						Graveyards	07	01-01-05-07-XX
						Masjid/ Imam bargah	08	01-01-05-08-XX

Region Name	Region Code	MC	MC Code	Property Types	Property Type Code	Sub Property Types	Sub Property Type Code	Unique Codes
						Shops	01	01-01-05-01-XX
				Others	06	Office buildings	01	01-01-06-01-XX
						Office vehicles	02	01-01-06-02-XX
						Residential building	03	01-01-06-03-XX

Annexure C. Project Screening and Phasing

Project Screening and Phasing Criteria:

Project ID: 01-01-01-01-01

Project Description : Improvement and rehabilitation of Water Supply Scheme in MC Daska Pumps

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	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	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%		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
2.2	Is there support or opposition for the project from NGO's, community groups, network, media or business organizations?		5	0	Majority opposition	Majority support	**5**
				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	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.?		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		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				7.5	Significant competitive advantage to industry and boost to the local economy		
5. Ease of Implementation							
5.1	Has land been acquired for the project (If required)?	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	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							**86.5**

Project Screening and Phasing Criteria:

Project ID: 01-01-01-04-01

Project Description : Repair 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	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	0	No contribution.	Indirect contribution.	**2.5**
				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	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%	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?		5	0	Majority opposition	Majority support	**5**
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
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 prices, reduction in citizens' expenditures, etc.?		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		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
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							**73.5**

Project Screening and Phasing Criteria:

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

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	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	0	No contribution.	Indirect contribution.	**2.5**
				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	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%	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?		5	0	Majority opposition	Majority support	**5**
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3	Is there support or opposition from residents in the immediate vicinity of		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
	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.?		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		5	5	Yes	Yes	**5**
				0	No		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	whether the external sources of funding have been secured?						
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							**73.5**

Project Screening and Phasing Criteria:

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

Project Description : Rehabilitation of Over Head Reservoirs

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	0	No contribution.	Indirect contribution.	**2.5**
				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	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	0	Majority opposition	Majority support	**5**
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3			2.5	0	Majority opposition	Majority support	**2.5**

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there support or opposition from 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 o f the local environment	Neutral	**5**
				5	Neutral		
				10	Positive effects on the qualit y 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.?		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		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	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							**61.5**

Project ID: 01-01-01-01-02

Project Description : Improvement and rehabilitation of Water Supply Scheme in MC Daska

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	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	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	0	Majority opposition	Majority support	**5**
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3	Is there support or opposition from		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	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							
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	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							**74**

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

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?		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	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?		5	0	Majority opposition	Majority support	**5**
				1	Minority opposition		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				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	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.?		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							

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?		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	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							**86.5**

Project Screening and Phasing Criteria:

Project ID: 01-01-02-01-01

Project Description : Construction of Strom Water Drainage System in Daska City (Zone-I and Zone-II)

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	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	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?		5	0	Majority opposition	Majority support	**5**
				1	Minority opposition		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				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	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.?		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							

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?		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	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							**86.5**

Project Screening and Phasing Criteria:

Project ID: 01-01-02-01-02

Project Description : Rehabilitation of 36'' i/d Damaged Sewer Line Along Stadium Road in Daska 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?		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	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?		5	0	Majority opposition	Majority support	**5**
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3			2.5	0	Majority opposition	Majority support	**2.5**

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there support or opposition from 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 qualit y of the local environment	Positive effects on the quality of the l ocal environment	**10**
				5	Neutral		
				10	Positive effects on the qu ality of the local environm ent		
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	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		**30**	10	10	Yes	Yes	**10**

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Has land been acquired for the project (If required)?			0	No		
5.2	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?		5	5	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 onl y		
				3	Outside expertise needed for preparation phase i.e. feasibility studies		
				5	No outside expertise need ed		
Total Achieved Score							**86**

Project Screening and Phasing Criteria:

Project ID: 01-01-02-02-01

Project Description : Replacement of Screening in Pasrur Road Disposal Station

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	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	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%	Greater than 20%	**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,		5	0	Majority opposition	Majority support	**5**
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	network, media or business organizations?						
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 lo cal environment	**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	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	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		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
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	Standard	**2.5**
				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							**64**

Project Screening and Phasing Criteria:

Project ID: 01-01-04-01-01

Project Description : Improvement of Roads & Chowks

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	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	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	0	Majority opposition	Majority support	**5**
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3	Is there support or opposition from residents in the immediate vicinity of		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
	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 qualit y of the local environment	**10**
				5	Neutral		
				10	Positive effects on the quality of the lo cal 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	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?		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		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
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							**81**

Project Screening and Phasing Criteria:

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

Project Description : Provision and installation of Street Lights in Daska 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	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	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	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		**15**	7.5	1	Less than 10%	Less than 10%	**1**

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Population served by the project.			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	Majority support	**5**
				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	Revenue exceeds O&M costs	**7.5**
				2.5	Direct revenue is not sufficient to		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
					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	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?		5	5	Yes	Yes	**5**
				0	No		
5.3			5	1	Difficult	Easy	**5**
				2.5	Standard		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Will the project get approval from higher levels of Government?			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 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 Screening and Phasing Criteria:

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

Project Description : Rehabilitation / Improvement of Shah Wali 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?		10	0	No contribution.	Minor direct contribution	**7.5**
				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	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?		5	0	Majority opposition	Majority support	**5**
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3			2.5	0	Majority opposition	Majority support	**2.5**

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there support or opposition from 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	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?		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	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							**66.5**

Project Screening and Phasing Criteria:

Project ID: 01-01-05-04-01

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	Significant contribution	**10**
				7.5	Major contribution		
				10	Significant contribution		
1.2	Whether the project will contribute to Sectoral Plan / City Master Plan?		10	0	No contribution.	Indirect contribution.	**2.5**
				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	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%	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?		5	0	Majority opposition	Majority support	**5**
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3	Is there support or opposition from residents in the immediate vicinity		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
	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 th e local environment	Positive effects on th e quality of the local environment	**10**
				5	Neutral		
				10	Positive effects on the quality o f 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	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?		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	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							**73.5**

Project Screening and Phasing Criteria:

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

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	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	0	No contribution.	Indirect contribution.	**2.5**
				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	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	0	Majority opposition	Majority support	**5**
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3			2.5	0	Majority opposition	Majority support	**2.5**

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Is there support or opposition from 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	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.?		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?		5	5	Yes	Yes	**5**
				0	No		
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							**61.5**

Project Screening and Phasing Criteria:

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

Project Description : Rehabilitation of Library

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	0	No contribution.	Indirect contribution.	**2.5**
				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	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	0	Majority opposition	Majority support	**5**
				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							

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
3.1	The impact of the proposed project on the quality of local environment (e.g. Air quality, Water pollution, Waste reduction, etc.	**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.?		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		5	5	Yes	Yes	**5**
				0	No		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	whether the external sources of funding have been secured?						
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							**61.5**

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

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?		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	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%		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				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	Majority support	**5**
				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	Revenue exceeds O&M costs	**7.5**
				2.5	Direct revenue is not sufficient to meet O&M costs		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
				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	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?		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		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
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: 01-01-01-01-03

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?		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	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	0	Majority opposition	Majority support	**5**
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3	Is there support or opposition from residents in the immediate vicinity of		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
	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.?		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			5	5	Yes	Yes	**5**

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?			0	No		
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: 01-01-04-01-02

Project Description : Provision Of Concrete Tuff Pavers on three Roads Of Daska City

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
1. Project Purpose & Service Delivery Improvement							

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
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	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	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,		5	0	Majority opposition	Majority support	**5**
				1	Minority opposition		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	community groups, network, media or business organizations?			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	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		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
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	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?		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			5	1	Difficult	Easy	**5**
				3	Standard		

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Ease of implementation of project in respect of technical design?			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: 01-01-04-01-03

Project Description : "Improvement & Rehabilitation of P1-Awami Road in Daska 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	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	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	0	No consequences	Minor consequences	**2.5**
				2.5	Minor consequences		
				7.5	Major future consequences		
				10	Major immediate consequences		
2. Public Response							

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
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	0	Majority opposition	Majority support	**5**
				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							

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
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.?		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?		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	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: 01-01-02-02-02

Project Description : Solarization for Disposal Stations in Daska 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	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	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	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	0	Majority opposition	Majority support	**5**
				1	Minority opposition		
				5	Majority support		
				2.5	Minority support		
2.3	Is there support or opposition from residents in the immediate vicinity of		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
	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.?		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			5	5	Yes	Yes	**5**

Index	Question	Index Weight	Question Weight	Sub Weight	Possible Responses	Selected Response	Achieved Score
	Has funding been secured/allocated within the Local Government budget or whether the external sources of funding have been secured?			0	No		
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 IDAMP[3]

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.

<u>Regulatory Clearances, Punjab EPA</u>

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

---

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

1.2. Guidelines for Environmental Assessment, Pakistan EPA

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

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

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

1.3. Punjab Environmental Quality Standards (PEQS)

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

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

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

1.4. Other Environment Related Legislations:

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

<table>
<tr><th>Sr. #</th><th>Act</th><th>Description</th><th>Applicability to sub-project</th></tr>
<tr><td></td><td>IEE/EIA Regulations 2022</td><td>Impact Assessment, if the project is likely to cause an adverse environmental impact</td><td>schedule II the EIA of Subproject will be carried out.
The sector wise screening of MCs subprojects as per Punjab Environment protection review of IEE/EIA regulations 2000 are given below in Table.
<table>
<tr><th>Schedule</th><th>Sector</th><th>Clause</th></tr>
<tr><td rowspan="4">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>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>Parks</td><td>I.Urban development and tourism
5. Urban development projects</td></tr>
<tr><td>Waste</td><td>H. Waste disposal
Non-hazardous scrap yard / warehouse</td></tr>
</table></td></tr>
</table>

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 100m3/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	• 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.

Sr. #	Act	Description	Applicability to sub-project
4.	Motor Vehicle Rules, 1969	It defines powers and responsibilities of Motor Vehicle Examiners (MVEs). The establishment of MVE inspection system is one of the regulatory measures that can be taken to tackle the ambient air quality problems associated with the vehicular emissions during operation phase.	This act is applicable to the gaseous emission that will be released from the vehicles in operation phase at machinery used during construction phase of this subproject.
5.	The Land Acquisition Act, 1894	The Land Acquisition Act, 1894, is a "law for the acquisition of land needed for public purposes and for companies and for determining the amount of compensation to be paid on account of such acquisition".	This act will not be triggered as no land acquisition is required.
6.	The Punjab Land Acquisition Rules, 1983,	It describes the land acquisition procedure for public purposes or for a company.	This act will be triggered as wherever land to be acquired for subproject. Such as in Swerage project, Construction of Wastewater treatment plants, installation of new tube wells etc.
7.	Pakistan Antiquities Act 1975 and Punjab Antiquities Amendment Act 2012	The Punjab Antiquities Amendment Act, 2012 is adopted from the Pakistan Antiquities Act of 1975 with a few minor changes. The Antiquities Act, 1975 (amended in 1990) states the following: • "Ancient" is any object that is at least 75 years old;	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
		• All accidental discoveries of artifacts must be reported to the Federal Department of Archaeology; • The Government is the owner of all buried antiquities discovered on any site, whether protected or otherwise; • All new construction within a distance of 200 feet from protected antiquities is forbidden; • No changes or repairs can be made to a protected monument, even if it is owned privately, without approval of the responsible authorities; and The cultural heritage laws of Pakistan are uniformly applicable to all categories of sites regardless of their state of preservation and classification as monuments of national or world heritage.	
8.	Punjab Restriction of Employment of Children Act, 2016	According to the sub-section 11(a) of this Act, an occupier who employs or permits a child (person under the age of 15 years) to work in an establishment shall be liable to punishment with imprisonment for a term which may extend to six	The relevance of this act to the project will be to prohibit child employment for construction related activities of the proposed sub- project and it will be applicable throughout the construction activities related to subprojects.

Sr. #	Act	Description	Applicability to sub-project
		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	The Punjab Occupational Safety and Health Act, 2019 (IV of 2019) An Act to provide for occupational safety and health at workplace. It is necessary to make and consolidate the law for the occupational safety and health of the persons at workplace and to protect them against risks arising out of the occupational hazards; to promote safe and healthy working environment catering to the physiological and psychological needs of the employees at workplace and to provide for matters connected therewith or ancillary thereto.	The Punjab Occupational Safety and Health Act, 2019 relevant sections to the proposed projects are: 8. Safety and Health, 10. Consultation 13. Notification and investigation of accidents, dangerous occurrences and occupational illness. Adopting this Act, PMDFC has developed SOPs for health and safety of the labor (including women workers) and communities which will be applicable for all the infrastructure related activities of new or rehabilitation subprojects.
10	National Hazardous Waste Management Policy, 2022	A policy to facilitate the implementation of international treaties & Conventions on a national level to improve the definition & implementation of Hazardous Waste Management (HWM) for better environmental management, clarify institutional	Policy measures shall be applicable whereas there is any risk of usage or generation of hazardous waste.

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

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

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

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

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

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

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

Section 2: Environmental & Social Categorization

2.1. Environmental Screening and Categorization of Sub-Projects

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

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
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

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
						of PEPA Review of IEE/EIA Regulations 2000
	Flood control systems		May have some negative to significant environmental and social impacts depending upon the scope of work	E1 or E2	S2	ESMP for repair and maintenance of existing system or IEE/EIA for new sub-project as per scope of work and environmental impacts 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

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

Sr. #	Project Categories	Type of Sub-projects	Nature of Environmental Issues	Env. Category	Social Category	Instruments Required
	Rehabilitation of Bus Stands/Terminals[5]		May have negligible environmental impacts	E2	E2	ESMP
5.	**Social and Livability Infrastructure**					
	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

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

Section 3: Budget Allocation

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

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

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

Integrated Development & Asset Management Plan
MC Daska
Projects Appraisal

Project ID: 01-01-02-01-01

Project Description : Construction of Parking Area in Daska city

Sr. No.	Description		Unit	Value	Remarks
1	Net Present Value (NPV)	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%	Rs.	85	
2	Financial Internal Rate of Return (FIRR)	FIRR	%	57%	
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	15.99	
4	Payback Period	PBP= Capital costs ÷ Annual Net Benefits	Years	4	

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:

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	J=HxI
0	2023-2024	23.25		23				-	(23)	1	(23)
1	2024-2025		0.52	1			9.97	10	9	0.82	8
2	2025-2026		0.60	1			11.58	12	11	0.67	7
3	2026-2027		0.70	1			13.44	13	13	0.55	7
4	2027-2028		0.81	1			15.61	16	15	0.45	7
5	2028-2029		0.94	1			18.13	18	17	0.37	6
6	2029-2030		1.09	1			21.05	21	20	0.30	6
7	2030-2031		1.27	1			24.44	24	23	0.24	6
8	2031-2032		1.47	1			28.38	28	27	0.20	5
9	2032-2033		1.71	2			32.96	33	31	0.16	5
10	2033-2034		1.98	2			38.27	38	36	0.13	5
11	2034-2035		2.30	2			44.44	44	42	0.11	5
12	2035-2036		2.68	3			51.60	52	49	0.09	4
13	2036-2037		3.11	3			59.92	60	57	0.07	4
14	2037-2038		3.61	4			69.58	70	66	0.06	4
15	2038-2039		4.19	4			80.80	81	77	0.05	4
16	2039-2040		4.87	5			93.82	94	89	0.04	4
17	2040-2041		5.65	6			108.95	109	103	0.03	3
18	2041-2042		6.56	7			126.51	127	120	0.03	3
19	2042-2043		7.62	8			146.90	147	139	0.02	3
20	2043-2044		8.85	9			170.59	171	162	0.02	3
21	2044-2045		10.27	10			198.08	198	188	0.01	3
22	2045-2046		11.93	12			230.01	230	218	0.01	3
23	2046-2047		13.85	14			267.09	267	253	0.01	2
24	2047-2048		16.08	16			310.15	310	294	0.01	2
25	2048-2049			-				-	-	0.01	-
26	2049-2050			-				-	-	0.01	-
Total		23	113	136	-	-	2,172	2,172	2,036		85

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 for the society from investment in sanitation in the form of lower health costs, more productivity and fewer premature deaths. A WHO study in 2012 calculated that for every US$ 1.00 invested in sanitation, there was a return of US$ 5.50.

5 Inflation rate is applied at cost savings and revenue @ 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
Vehicles	10
Machinary & 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.

Integrated Development & Asset Management Plan
MC Daska
Projects Appraisal

Project ID: 01-01-02-01-01

Project Description : Construction of Strom Water Drainage System in DaskaCity (Zone-I and Zone-II)

Sr. No.	Description		Unit	Value	Remarks
1	Net Present Value (NPV)	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%	Rs.	1,536	
2	Financial Internal Rate of Return (FIRR)	FIRR	%	37%	
3	Benefit Cost Ratio (BCR)	BCR= Total Benefits ÷ Total Costs	Ratio	24.52	
4	Payback Period	PBP= Capital costs ÷ Annual Net Benefits	Years	7.25	

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:

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	J=HxI
0	2023-2024	1,008.81		1,009				-	(1,009)	1	(1,009)
1	2024-2025		5.08	5	221.94			222	217	0.82	177
2	2025-2026		5.90	6	257.71			258	252	0.67	168
3	2026-2027		6.85	7	299.26			299	292	0.55	160
4	2027-2028		7.95	8	347.50			347	340	0.45	152
5	2028-2029		9.24	9	403.52			404	394	0.37	144
6	2029-2030		10.73	11	468.56			469	458	0.30	137
7	2030-2031		12.45	12	544.09			544	532	0.24	130
8	2031-2032		14.46	14	631.80			632	617	0.20	123
9	2032-2033		16.79	17	733.65			734	717	0.16	117
10	2033-2034		19.50	19	851.91			852	832	0.13	111
11	2034-2035		22.64	23	989.24			989	967	0.11	105
12	2035-2036		26.29	26	1,148.71			1,149	1,122	0.09	100
13	2036-2037		30.53	31	1,333.88			1,334	1,303	0.07	95
14	2037-2038		35.45	35	1,548.90			1,549	1,513	0.06	90
15	2038-2039		41.17	41	1,798.58			1,799	1,757	0.05	86
16	2039-2040		47.80	48	2,088.51			2,089	2,041	0.04	81
17	2040-2041		55.51	56	2,425.18			2,425	2,370	0.03	77
18	2041-2042		64.46	64	2,816.12			2,816	2,752	0.03	73
19	2042-2043		74.85	75	3,270.08			3,270	3,195	0.02	70
20	2043-2044		86.92	87	3,797.22			3,797	3,710	0.02	66
21	2044-2045		100.93	101	4,409.33			4,409	4,308	0.01	63
22	2045-2046		117.20	117	5,120.11			5,120	5,003	0.01	59
23	2046-2047		136.09	136	5,945.48			5,945	5,809	0.01	56
24	2047-2048		158.02	158	6,903.89			6,904	6,746	0.01	54
25	2048-2049		183.50	183	8,016.79			8,017	7,833	0.01	51
26	2049-2050			-					-	0.01	-
Total		1,009	1,290	2,299	56,372	-	-	56,372	54,073		1,536

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 for the society from investment in sanitation in the form of lower health costs, more productivity and fewer premature deaths. A WHO study in 2012 calculated that for every US$ 1.00 invested in sanitation, there was a return of US$ 5.50.

5 Inflation rate is applied at cost savings and revenue @ 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
Vehicles	10
Machinary & 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: 02-09-01-06-01

Project Description : Construction of Underground Water Storage Tank

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

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	J=HxI
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 for the society from investment in sanitation in the form of lower health costs, more productivity and fewer premature deaths. A WHO study in 2012 calculated that for every US$ 1.00 invested in sanitation, there was a return of US$ 5.50.

5 Inflation rate is applied at cost savings and revenue @ 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
Vehicles	10
Machinary & 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: 02-09-06-01-01

Project Description : Solarization of the municipal buildings

Sr. No.	Description		Unit	Value	Remarks
1	Net Present Value (NPV)	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%	Rs.	302	
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	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	J=HxI
0	2023-2024	200.00	1.00	201				-	(201)	1	(201)
1	2024-2025		1.16	1	44.00			44	43	0.82	35
2	2025-2026		1.35	1	51.09			51	50	0.67	33
3	2026-2027		1.57	2	59.33			59	58	0.55	32
4	2027-2028		1.82	2	68.89			69	67	0.45	30
5	2028-2029		2.11	2	80.00			80	78	0.37	28
6	2029-2030		2.45	2	92.89			93	90	0.30	27
7	2030-2031		2.85	3	107.87			108	105	0.24	26
8	2031-2032		3.31	3	125.26			125	122	0.20	24
9	2032-2033		3.84	4	145.45			145	142	0.16	23
10	2033-2034		4.46	4	168.89			169	164	0.13	22
11	2034-2035		5.18	5	196.12			196	191	0.11	21
12	2035-2036		6.01	6	227.74			228	222	0.09	20
13	2036-2037		6.98	7	264.45			264	257	0.07	19
14	2037-2038		8.10	8	307.07			307	299	0.06	18
15	2038-2039		9.41	9	356.58			357	347	0.05	17
16	2039-2040		10.93	11	414.06			414	403	0.04	16
17	2040-2041		12.69	13	480.80			481	468	0.03	15
18	2041-2042		14.73	15	558.31			558	544	0.03	14
19	2042-2043		17.11	17	648.30			648	631	0.02	14
20	2043-2044		19.87	20	752.81			753	733	0.02	13
21	2044-2045		23.07	23	874.16			874	851	0.01	12
22	2045-2046		26.79	27	1,015.08			1,015	988	0.01	12
23	2046-2047		31.11	31	1,178.71			1,179	1,148	0.01	11
24	2047-2048		36.12	36	1,368.72			1,369	1,333	0.01	11
25	2048-2049		41.94	42	1,589.36			1,589	1,547	0.01	10
Total		200	296	496	11,176	-	-	11,176	10,680		302

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 for the society from investment in sanitation in the form of lower health costs, more productivity and fewer premature deaths. A WHO study in 2012 calculated that for every US$ 1.00 invested in sanitation, there was a return of US$ 5.50.

5 Inflation rate is applied at cost savings and revenue @ 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
Vehicles	10
Machinary & 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: 02-09-01-01-03

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.	302	
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	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	J=HxI
0	2023-2024	200.00	1.00	201				-	(201)	1	(201)
1	2024-2025		1.16	1	44.00			44	43	0.82	35
2	2025-2026		1.35	1	51.09			51	50	0.67	33
3	2026-2027		1.57	2	59.33			59	58	0.55	32
4	2027-2028		1.82	2	68.89			69	67	0.45	30
5	2028-2029		2.11	2	80.00			80	78	0.37	28
6	2029-2030		2.45	2	92.89			93	90	0.30	27
7	2030-2031		2.85	3	107.87			108	105	0.24	26
8	2031-2032		3.31	3	125.26			125	122	0.20	24
9	2032-2033		3.84	4	145.45			145	142	0.16	23
10	2033-2034		4.46	4	168.89			169	164	0.13	22
11	2034-2035		5.18	5	196.12			196	191	0.11	21
12	2035-2036		6.01	6	227.74			228	222	0.09	20
13	2036-2037		6.98	7	264.45			264	257	0.07	19
14	2037-2038		8.10	8	307.07			307	299	0.06	18
15	2038-2039		9.41	9	356.58			357	347	0.05	17
16	2039-2040		10.93	11	414.06			414	403	0.04	16
17	2040-2041		12.69	13	480.80			481	468	0.03	15
18	2041-2042		14.73	15	558.31			558	544	0.03	14
19	2042-2043		17.11	17	648.30			648	631	0.02	14
20	2043-2044		19.87	20	752.81			753	733	0.02	13
21	2044-2045		23.07	23	874.16			874	851	0.01	12
22	2045-2046		26.79	27	1,015.08			1,015	988	0.01	12
23	2046-2047		31.11	31	1,178.71			1,179	1,148	0.01	11
24	2047-2048		36.12	36	1,368.72			1,369	1,333	0.01	11
Total		200	296	496	11,176	-	-	11,176	10,680		302

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 for the society from investment in sanitation in the form of lower health costs, more productivity and fewer premature deaths. A WHO study in 2012 calculated that for every US$ 1.00 invested in sanitation, there was a return of US$ 5.50.

5 Inflation rate is applied at cost savings and revenue @ 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
Vehicles	10
Machinary & 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: 01-01-02-02-02

Project Description : Solarization for Disposal Stations in Daska City

Sr. No.	Description		Unit	Value	Remarks
1	Net Present Value (NPV)	NPV=PV of benefits @ 22.32% - PV of costs @ 22.32%	Rs.	88	
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	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	J=HxI
0	2023-2024	58.15	0.29	58				-	(58)	1	(58)
1	2024-2025		0.34	0	12.79			13	12	0.82	10
2	2025-2026		0.39	0	14.86			15	14	0.67	10
3	2026-2027		0.46	0	17.25			17	17	0.55	9
4	2027-2028		0.53	1	20.03			20	20	0.45	9
5	2028-2029		0.61	1	23.26			23	23	0.37	8
6	2029-2030		0.71	1	27.01			27	26	0.30	8
7	2030-2031		0.83	1	31.36			31	31	0.24	7
8	2031-2032		0.96	1	36.42			36	35	0.20	7
9	2032-2033		1.12	1	42.29			42	41	0.16	7
10	2033-2034		1.30	1	49.11			49	48	0.13	6
11	2034-2035		1.50	2	57.02			57	56	0.11	6
12	2035-2036		1.75	2	66.21			66	64	0.09	6
13	2036-2037		2.03	2	76.89			77	75	0.07	5
14	2037-2038		2.36	2	89.28			89	87	0.06	5
15	2038-2039		2.74	3	103.67			104	101	0.05	5
16	2039-2040		3.18	3	120.39			120	117	0.04	5
17	2040-2041		3.69	4	139.79			140	136	0.03	4
18	2041-2042		4.28	4	162.33			162	158	0.03	4
19	2042-2043		4.97	5	188.49			188	184	0.02	4
20	2043-2044		5.78	6	218.88			219	213	0.02	4
21	2044-2045		6.71	7	254.16			254	247	0.01	4
22	2045-2046		7.79	8	295.13			295	287	0.01	3
23	2046-2047		9.04	9	342.71			343	334	0.01	3
24	2047-2048		10.50	11	397.96			398	387	0.01	3
Total		58	86	144	3,249	-	-	3,249	3,105		88

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 for the society from investment in sanitation in the form of lower health costs, more productivity and fewer premature deaths. A WHO study in 2012 calculated that for every US$ 1.00 invested in sanitation, there was a return of US$ 5.50.

5 Inflation rate is applied at cost savings and revenue @ 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
Vehicles	10
Machinary & 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.

Annexure F. Stakeholder's Consultative Session

Consultative Session -Daska.pdf

City	Date	Consultant Team	MC Team	
			Designation	Name
Daska	**From** 10-Jan-23 **To** 10-Jan-23 & **From** 29-Mar-23 **To** 29-Mar-23	Mr. Fiaz	CO	Mr. Abdul Hai
		Mr. Tayyab	MOI	Mr. Uzair
		Mr. Abdullah	MOF	Mr. Usman
		Mr. Haroon	Sub Engineer	Mr. Bajwa
		Mr. Safraz	PMDFC DPO	Mr. Usman Manzoor
		Mr. Jawad	MO-Finance	Present
			GIS	Present
			PMDFC RPO	Mr. Azeem
			PMDFC Social Officer	Present

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

1. Introduction

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

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

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

There are two points to consider for the stakeholders' consultative session in DLI-based evaluation. In order to meet the criteria, a meaningful stakeholders' consultative session was held in the Municipal Committee of Daska City on May 8th, 2023. Local public representatives, social activists, community organizations, journalists, lawyers, and common citizens to record their views and recommendations attended the consultative session. Please note that the grammar in the original text was already correct, but I made a few minor adjustments for clarity and readability. Objectives of consultative session

1. Objectives of consultative session

The objectives of this consultative session are as follows;

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

2. Community Engagement and Stakeholders Consultation

The representatives from different walks of life were invited to this consultative session, and the list is being presented in Table 1. The MC, PMDFC, and NESPAK officials were present at the venue and recorded all the concerns raised by the general public. The attendance sheet of all stakeholders, marked during the consultative session, has already been shared with the client (PMDFC).

Table 1: Stakeholders
Categories

Sr. No.	Stakeholder Category
1	Chief Officer MC Daska
2	Municipal Officer Infrastructure
3	Regional Program Coordinator
4	Deputy Program Officers (PMDFC)
5	Municipal Officer Planning MC Daska
6	Assistant Engineer LG&CDD
7	IT Officer, PMDFC
8	Local Public Representatives
9	Social Activists
10	Community Organizations
11	Concerned Citizens
12	Advocates
13	Media Persons

3. Information Disseminated

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

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

4. Common Concerns Raised by the Participants and Their Response

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

5. Conclusion

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

Pictorial view of Consultative Session held with Stakeholders of MC Daska

Minutes of Meetings with Stakeholders for their Concerns

Sr. No.	Agency / Department / Stakeholder	Date	Time	Representative	Issues / Needs / Preferences
1	**Municipal Committee Daska**	08-05-2023	11:00 am to 1:00 pm	**Mr. Abdul Hai** (Chief Officer,)	• The Chief Officer, Daska explained the overall scope of the IDAMP Framework to the participants. • The Chief Officer told the participants that there are changes/modifications in local Government systems/acts. • He conveyed that there is less tax collection due to the centralized revenue collection system. There is no proportionate grant for income and expenditures. • He further addressed that due to the price escalation, the cost of electricity, utilities, POL had increased many folds but MC grants not increased significantly. • He conveyed to the stakeholders that the cattle market company was established. So, funds had been moved to livestock department, depriving MCs of funds, leading to no revenue to MCs. • The Chief Officer apprised that the license awarding responsibility was shifted to Excise

					department which resulted in poor regulations of encroachers. The shops are opened without licenses. So, by-laws of MC are also hindered. • He briefed the stake holders that are significant pension expenditures. As there is less pension fund, the money had to be transferred from general funds. • Another issue is the frequent transfer/posting of the staff and officers. Minimum of three years posting policy of officers must be implemented so that their institutional memory may not be wasted.

2	**Municipal Committee Daska**	08-05-2023	11:00 am to 1:00 pm	**Mr. Uzair MO-I** (Municipal Officer Infrastructure)	• He emphasized the need for the proportionate grant for income and expenditures for the MC so that it may function efficiently. • He briefed the participants about the key benefits and objectives of IDAMP.
3	**PMDFC**	08-05-2023	11:00 am to 1:00 pm	**Mr. Azeem RPC** (Regional Program Coordinator	• He explained the overall scope of the project. • He apprised the stakeholder about the purpose of IDAMP, its scope and Objectives. • DPO ID explained the legal Authority, key benefits and Methodology of IDAMP Framework.

4	**PMDFC**	8-05-2023	11:00 am to 1:00 pm	**Mr. Usman Manzoor** (Deputy Program Officer, Infrastructure Development)	• He briefed the meeting about PCP scope and its projects. • He gave the overview of the IDAMP Frame work. • He apprised about the Concerns and Apprehensions of all stakeholders regarding IDAMP
5	**Social Worker**	08-05-2023	11:00 am to 1:00 pm	**Mr. Arif Razi** (Social Worker)	• She Appreciated World Bank role for resolving the municipal infrastructure related issues through the contribution of IDAMP. • She suggested severe punishment for people disposing Solid waste in open Drains.
6	**Social Worker**	08-05-2023	11:00 am to 1:00 pm	**Ms Tehmina** (Ex- Lady councellar)	• She addressed that provision of an efficient municipal service delivery is the first priority of Hafizabad city.

Muncipal Committee ..DASKA.....

Consultative Session for IDAMP

Attendance Sheet

Dated: 09-05-2023 Venue: MC Daska

Sr #	Name	Resident Address	Gender	Occupation	Remarks / Signature
1	Tahmina	Moh islam Pura Pasrur Rd	F. Male	Lady councilor	Tahmina
2	Ghulam Zahra	- - - - -	F. Male	Housewife	Ghulam Zahra
3	Javeria Aziz	〃 〃		House wife	Javeria
4	Sajida Bibi	〃 〃		-	Sajida
5	Iffa Bashir	Sohawa, Daska	Female	Teacher	Iffa
6	Huma Tufail	〃	〃	〃	
7	Tayyaba Shehzadi	〃	〃	〃	
8	Naila Hanif	〃	〃	〃	
9	Tahira Ghafar	〃	〃	〃	Tahira
10	M. Anwar Mughal	College Road DASKA	Male	Advocate	
11	M. ABIF RAZI Adv.	College ROAD DASKA	M.	ADVOCATE	
12	NADEEM NASIR	HATIFIYA DASKA	MALE	Contractor	
13	AZEEM. Q. HUSSAIN	PMDFC - CTW	FROM	RPC.	
14	USMAN MANZOOR	PMDFC CTW	M	DPO(ID)	
	Syed Dawood Bukhari	BURJ ALIAN	M	Agriculture	
	M. azeem	Mission compound	M	Business	
	Rana Tahir	Wazir Abad Colony	M	Journalist	
	Rana Shahid Sohail	Daska Kalan	M	Businessman	

Muncipal Committee DASKA

Consultative Session for IDAMP

Attendance Sheet

Dated: 09/5/23 Venue: MC DASKA

Sr #	Name	Resident Address	Gender	Occupation	~~Remarks~~ Signature
	IRFAN SAHI	SOHALA GHULAM MAND	MALE	Advocate	
	Amir Raza	Sono News	Male	Journalist	
	Mr. Ayub Butt	Jamke Road Daska	Male	Social worker	
	طارق	محلہ [illegible]	Male	Social worker	
	[illegible]	محلہ [illegible]	Male	Politician	
	[illegible]	[illegible]	M.Sc	[illegible]	