



## Proposed Landfill Site Sangjani, Islamabad **ENVIRONMENTAL IMPACT ASSESSMENT**

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Director Sanitation, Metropolitan Corporation Islamabad

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## EXECUTIVE SUMMARY

### S.1. INTRODUCTION

The Metropolitan Capital Islamabad generates about 500 to 600 tons of Municipal Solid Waste (MSW) every day. Currently there is no proper Landfill site in Islamabad for this waste to be disposed. Currently the MSW is disposed in Islamabad sector I-12 in an in-sanitary way thereby creating environmental issues for the nearby population. The project aims for the construction of Sanitary Landfill Site for Metropolitan Capital Islamabad at Sangjani. The Sanitary Landfill Site is proposed on area of 100 acre for the disposal of 600 tons of waste for the city that is sufficient for next 10 years.

The estimated cost of the Project is approximately 08 Billion Pakistan Rupees and will be completed in 2 years.

The major objectives of the project are as under:

- The Islamabad waste will be disposed at one place instead depositing multiple places and closing the populated I-12 Landfill site.
- To promote best practice landfill design, construction, operation, closure and post closure.
- To minimize the risk of adverse impacts on the land, water and air environments associated with waste disposal

The Project site is geographically located at 31.461143° N, 74.290795° E.

### S.2. PURPOSE OF REPORT

The purpose of the EIA study is to identify the possible beneficial and adverse environmental impacts of the project as presently envisaged and propose the applicable mitigation measures to be implemented during the construction and operational stages of the project in order to minimize the negative impacts and preparation of Environmental Management Plan (EMP) to obtain No Objection Certificate (NOC) from EPA-Pakistan.

This EIA report has been prepared keeping in view the following regulations and guidelines:

- a. Pakistan Environmental Protection Act (PEPA), 1997
- b. Pakistan Environmental Protection Agency Regulations, 2000 for review of IEE and EIA.
- c. Pakistan Environmental Impact Assessment procedures, 2000.
- d. Guidelines For Preparation And Review Of Environmental Reports

### **S.2.1 NEED OF ENVIRONMENTAL ASSESSMENT**

The preparation and submission of an Environmental Impact Assessment (EIA) Report for any development project is a statutory obligation under Pakistan Environmental Protection Act, 1997 (PEPA, 1997) in terms of Section 12 of the Act which states as under: “No proponent of a project shall commence construction or operation unless he has filed with the Federal Agency, an initial environmental examination or where the project is likely to cause an adverse environmental effect, an environmental impact assessment, and has obtained from the Provincial Agency approval in respect thereof.”

The current Project falls under Schedule- II, Section G, Sub section 1 (Waste disposal and/or storage of hazardous or toxic wastes including landfill sites, incineration of hospital toxic waste) of IEE/EIA Regulation as per section 12 of Environmental Protection Act and thus requires Environmental Impact Assessment (EIA).

### **S.3. IDENTIFICATION OF PROJECT AND PROPONENT**

2.The proposed Project consists of the development of proposed Sanitary Landfill Site at Sangjani, Islamabad. The silent features of the project are given as under-:

1. Name of proponent	Sardar Khan Zimri Directorate of Sanitation Metropolitan Corporation Islamabad Street No.49, G6 /1-4, Islamabad Phone -051-9211555
2. Name of project	Development of Proposed Sanitary Landfill Site Islamabad
3. Location/ Address of the site	Sangjani, Islamabad
4. Nature/ Feature of the project	Landfill Site Development
5. Major process during construction	Excavations, Piping, Concrete, Mixing, Finishing
6. Estimated cost of project	08 Billion PKR
7. Plot area of the project	Total project area is 100 acres.
8. Electricity connection capacity	-
9. Project start	05 month after getting NOC from all relevant departments
10. Project completion duration	02 Years