

Project Name	Environment Clearance for Redevelopment of GPRA Colony	Proposed ToR
Project Proponent	Central Public Works Department	
Project Address	Srinivaspuri, New Delhi	

I. Proposed Terms of Reference: Applicable. The draft proposed TOR are detailed below;

Introduction (Site & Surroundings)

A brief description of the project, nature, size, location and connectivity by road/ rail of the project including land description/ plot/ survey/ Khasra Nos. Village, Tehsil, District, State and extent of the land.

A contour survey plan showing the project site and its surroundings with physical features and topographical details, such as landuse, contours and drainage pattern, along with photographs of the site from all four sides would be included in background information.

Baseline Environmental Data:-

Baseline data of existing situation including description of terrain, slopes and elevation. Baseline data on flora and fauna based on field survey clearly indicating the details of site and surroundings. The meteorological data consisting of climatic conditions, wind pattern, wind speeds, history of cyclones, wind direction, rainfall, temperature and humidity in the study area.

The baseline data on ground water, present quality and the utility, depth of ground water table etc. Details of Ambient Air Quality (AAQ) based on the many other factors such as, background pollution levels, other sources of pollution, weather and proximity of residential areas. Examine the soil quality of the site and surroundings.

Water, Waste Water & Rain Water

Examine in detail the proposed site with reference to impact on infrastructure covering water supply, storm water drainage, sewerage, power, etc.

Explore all possibilities for sources of water during construction phase and operation phase.

Explore possibilities of using treated water from STP for construction purposes.

The disposal scheme of treated from the proposed project plans will be made to maximize recycling of water.

Preparation of water audit and water balance chart.

Rain water harvesting plan shall be prepared taking into account meteorological, soil & ground water characteristics.

Rain water harvesting scheme would be developed as per the CGWB guidelines.

Solid Waste, Hazardous Waste & E-Waste Management

Details on types of waste which are generated like construction waste, demolition waste and municipal solid waste, hazardous waste.

Odour mitigation plan from solid waste processing area will be described. Arrangements for hazardous waste management will be described.

Conservation of Natural Resources

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Identification of locally available construction material and its use. Explore the possibilities of using fly ash in the project.

Green Area Development Plan

Provision of green cover as a measure for mitigation of dust and noise and buffer between habitation and proposed project will be made.

Energy Conservation Measures & Renewable Energy

Application of renewable energy/ alternate energy such as solar will be described including solar water heating & lighting.

Applicability of various provisions and norms of Energy Conservation Building Code (ECBC) code will be explored in building design, maintenance & performance.

Environment Management Plan

Details regarding the precautionary measures to be taken during transportation of the construction material. Green Area development plan with thick greenbelt of adequate width with all around the project site. The identification of species/ plants based on the botanical studies. The details on estimated cost of development of the project, environmental costs.

The details for construction and operation phases both for Environmental Management Plan and Environmental Monitoring Plan with parameters and cost. Information on Administrative and technical set up for management of environment.

Disaster Management Plan

The details of activities associated with construction and operations such as Occupational hazards due to exposure, Fire and/ or explosion, Leakage of flammable material, Release of toxic material etc.

Environmental Corporate Responsibility

Details of Environmental Corporate Responsibilities (ECR). The generic structure of the EIA report shall be as per the guideline as prescribed in Appendix III of the Gazette Notification of the Ministry of Environment and Forests, Govt. of India dated 14th September 2006.

The generic structure of the EIA will be as described in below table:

S. No.	EIA Structure	Contents
1	Introduction	<ul style="list-style-type: none"> Purpose of the report Identification of project & project proponent Brief description of nature, size, location of the project and its importance to the country, region Scope of the study –details of regulatory scoping carried out
2	Project Description	Condensed description of those aspects of the project

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		<p>(based on project feasibility study), likely to cause environmental effects. Details will be provided to give clear picture of the following:</p> <ul style="list-style-type: none"> • Type of project • Need for the project • Location (maps showing general location, specific location, project boundary & project site layout) • Size or magnitude of operation (incl. Associated activities required by or for the project) • Proposed schedule for approval and implementation • Technology and process description • Project description. Including drawings showing project layout, components of project etc. Schematic representations of the feasibility drawings which give • Information important for EIA purpose • Description of mitigation measures incorporated into the project to meet environmental standards, environmental operating conditions, or other EIA requirements (as required by the scope) • Assessment of New & untested technology for the risk of technological failure
3	Description of the Environment	<ul style="list-style-type: none"> • Study area to be within 10 km of the project site, period- non monsoon • Parameters of Monitoring: Ambient Air Quality, Ambient Noise Level, Ground Water Quality, Surface Water Quality, Soil Quality
4	Anticipated Environmental Impacts & Mitigation Measures	<ul style="list-style-type: none"> • Details of Investigated Environmental impacts due to project location, possible accidents, project design, project construction, regular operations, final decommissioning or rehabilitation of a completed project. • Measures for minimizing and / or Mitigation measures offsetting adverse impacts identified • Irreversible and Irretrievable commitments of environmental components. • Assessment of significance of impacts (Criteria for determining significance, Assigning significance)
5	Environmental Monitoring Program	<ul style="list-style-type: none"> • Technical aspects of monitoring the effectiveness of mitigation measures (incl. Measurement methodologies,

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		<ul style="list-style-type: none"> frequency, location, data analysis, reporting schedules, emergency procedures, detailed budget & procurement schedules)
6	Additional Studies	<ul style="list-style-type: none"> Risk assessment
7	Project Benefits	<ul style="list-style-type: none"> Improvements in the physical infrastructure Improvements in the social infrastructure Employment potential –skilled; semi-skilled and unskilled Other tangible benefits
8	EMP	<ul style="list-style-type: none"> Description of the administrative aspects of ensuring that mitigative measures are implemented and their effectiveness. monitored, after approval of the EIA
9	Summary & Conclusion	<ul style="list-style-type: none"> Overall justification for implementation of the project Explanation of how, adverse effects have been mitigated.
10	Disclosure of Consultants engaged	<ul style="list-style-type: none"> The names of the Consultants engaged with their brief resume and nature of Consultancy rendered

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