



**IUCN india Country Office, P03558(IUCN-HZL Zonal Level Engagement)  
RfP Reference: IUCN-22-07-P03558-1**

**Scope of Work:**

Background: IUCN under its Business and Biodiversity Programme focuses on integrating Biodiversity management into business operations. Through this programme IUCN engages with the business sectors that have a significant impact on natural resources and livelihoods. These include large 'footprint' industries such as mining and oil and gas; biodiversity-dependent industries including fishing, agriculture and forestry; and, financial services and "green" enterprises such as organic farming, renewable energy and nature-based tourism.

Hindustan Zinc Limited is one of the world's largest and India's only integrated Zinc-Lead-Silver producer. Hindustan Zinc's mines are located at Rampura Agucha, Sindesar Khurd, Rajpura Dariba, Zawar and Kayad in the state of Rajasthan. The current ore production capacity stands at 12 million tonne per annum. The Company is aggressively expanding its mining capacities, implementing with six ongoing major mining projects. Being the largest zinc-lead producer with major mining operations, brings a critical environment scenario which needs to be addressed. Mining involves resource extraction, loss of habitats, changes in land use pattern and alteration in the existing environmental condition due to its operations. Apart from their individual impact, these all have a cumulative impact on one of the bigger environment components called Biodiversity.

Project Location: Rajasthan

Number of sites: 6 including one mine and smelter complex.

- To have a detailed secondary literature study of the project operations, site habitats and existing data on identified biodiversity components.
- To prepare a baseline data of the project area (lease area with a buffer of 10 km radius)
- To conduct three season biodiversity study at project sites in line with global best practices and guidelines.
- GIS Mapping the land use land cover of the identified project sites.
- To quantify floral (trees, shrubs, herbs and lianas) and faunal (mammals, birds, reptiles and amphibians) resources of the study area at different topographical positions.
- To list down the project operational impacts on identified biodiversity components.

Deliverables:

- Three season Comprehensive list of flora and fauna identified at each of the project sites.
- List of the identified impacts and risks on biodiversity due to the project operations.