



**IUCN India Country Office, P03558(IUCN-HZL Zonal Level Engagement)
RfP Reference: IUCN-23-11-P03558-2**

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, Rajpura Dariba Complex, Zawar, Debari, Chanderiya 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.

Scope of Work:

Project Location: Rajasthan

Total Project Area: Approx. 6500 hectares

Number of sites: 6 Project locations (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 list down the project operational impacts on identified biodiversity components for the following categories: -
 1. Impact on Forest and other Land Resources
 2. Impact on Water Resources
 3. Impacts on Ground Water – Pollution
 4. Impact of new structures due to industrial operation i.e. waste dumps
 5. Impacts of Dust and Noise Pollution
 6. Effects of Vehicular Movements on Faunal Groups
 7. Impact on Threatened and Unique Biodiversity
 8. Impacts of Labour Force
 9. Impacts on Wildlife Corridor
- Develop management response against each impact as per mitigation hierarchy.

- Develop Biodiversity action plan on specific impact, and its mitigation measures with procedural mechanism to implement the mitigation measures.
- Develop a top to bottom monitoring framework to monitor the implementation and develop a biodiversity management level to ensure effectiveness of implementation.

Deliverables:

- A comprehensive 6 site specific Biodiversity Management Plan focusing No-Net loss approach with detail action plan to achieve it.

Duration – 5 months (Including the final revisions from the donor)

***Please kindly note, the biodiversity inventory with three season biodiversity assessments, IBAT reports and the Environment Impact assessment reports of all six sites will be shared to the selected consultant for the report development.**