

Dear Sir/Madam,

Sub: Metal Recovery from mine tailings

6<sup>th</sup> May, 2009

Vedanta Resources Plc. ("Vedanta") is a London Stock Exchange Listed and FTSE 100 diversified metals and mining major with revenues in excess of USD 8 Billion. The group produces aluminum, copper, zinc, lead and iron ore and also commercial energy. Vedanta has operations in India, Zambia and Australia and a strong organic growth pipeline of projects. With an empowered talent pool of 30,000 employees globally, Vedanta places strong emphasis on partnering with all its stakeholders based on the core values of entrepreneurship, excellence, trust, inclusiveness and growth.

Rampura Agucha Mine, a captive mine of Hindustan Zinc Limited (HZL), India is one of the major Lead-Zinc deposits in the world. The mineral beneficiation process at Rampura Agucha Mines leads to generation of process waste (Tailing) containing locked up metals, which we want to recover through a suitable process.

We understand that you are a company specializing in offering solutions to non ferrous metals & minerals processing industry and we would be interested to work with you on the Project. We are enclosing herewith the brief details with our understanding of the Project with broad scope of work & our desire of deliverables. Kindly note that the enclosed details are only preliminary understanding of the Project and we can change the scope/ technical features etc based on your expertise, inputs and mutual discussions on the matter.

We look forward to receiving your offer at the earliest.

Best regards

Alok Ranjan

Head-- Business Development

Hindustan Zinc Limited

## EXPRESSION OF INTEREST (EOI)

### RECOVERY OF METALS FROM MINERAL BENEFICIATION PROCESS WASTE (TAILINGS)

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Rampura Agucha Mine, located in the State of Rajasthan in India, is one of the major Lead-Zinc deposits in the world and a captive mining unit of Hindustan Zinc Limited (HZL). The Rampura Agucha (RA) lead-zinc deposit of Hindustan Zinc Limited (HZL) is located 15km southeast of Gulabpura and 80km from Bhilwara in Rajasthan State of India. The terrain is flat with soil resistivity of 300 ohmmeter. The height above mean sea level is 395m and geographic bearing of site is 25°50'15" north/ 74°44'0" east. The climate of the area is classified as semi-arid subtropical with a maximum temperature of 47°C and minimum of 4°C. The annual maximum rainfall had been 819mm and the area is not prone to flooding.

The present capacity of the Ore Beneficiation Plant of the Unit leads to the generation of 3.7 million MT of Fresh Tailings per year approximately, which reports to a Tailings Dam. The estimated deposit of Tailings stock in the Tailings Dam is about 24.6 million MT in the form of dense slurry. The average composition of this deposit is 1.55% Zn, 0.68% Pb, 10% Fe, 25 ppm Ag. The variation of Zn in the deposit is expected from 1.2 % to 3% and variation of Pb is expected from 0.5% to 0.95%.

Expression of Interest (EOI) is invited from the technically competent and internationally reputed Metallurgical/Mineral Processing & Technology Development organizations and Engineering solution Suppliers to investigate, study, propose and execute a Process Route to recover entrapped Metal values in Tailings, either in form of Finished Metals or a High Grade Bulk Concentrate (amenable to conventional Metallurgical Extraction processes) in an integrated, eco-friendly and cost effective manner. The expertise in solid-liquid separation technologies and equipment are also desired. The Project is primarily divided into four salient packages:

1. Development of Techno-Economically feasible process route and Basic Engineering for the same.
2. Implementation of Tailings reclamation system from Tailings Dam and associated plans on EPC basis.
3. Detailed Engineering and Construction of the Plant as per the Process Route selected in Package-1.
4. Selection and implementation of environment friendly and cost effective methodology for disposal of waste generated in the Plant constructed in Package-3.

HZL has acquired knowledge base on research for tapping values from residues and shall share the same with selected Technology suppliers on Joint Technology Development basis. Interested organizations/individuals shall submit their EOI with experience details such as list of similar nature of jobs (Technology Development, EPC Projects etc.) carried out in last 5 years with client reference, audited financial results of the last three years etc. to the following address:

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