## INVITATION FOR EXPRESSION OF INTEREST (EOI) FROM INTERESTED PARTIES FOR:

"ESTABLISHING ANCILLARY UNIT NEARBY CHANDERIA LEAD-ZINC SMELTER, HINDUSTAN ZINC LIMITED'S PLANT ON "BUILD, OWN AND OPERATE (BOO) MODE"

HZL at CLZS generate by-products and metal residues as per quantities and quality given in Annexure-2. HZL intends to set up Ancillary Unit for processing their by-products and metal residues, to convert it into useable and saleable products as per defined specifications.

#### 1. Purpose of EOI/RFP:

- To shortlist reputed parties having the requisite capability and willing to establish an Ancillary Unit on Build, Own and Operate (BOO) basis.
- Opportunities currently available are of development for Copper Sulphate, Zinc Sulphate, Zinc Alloys, Lead Alloys, PAT, Cobalt and Nickel as metal or salts, Bismuth, treatment of dross, Zinc dust etc.

The Interested Parties shortlisted on the basis of their "Expression of Interest (EOI)" may be considered for further steps of business partner selection.

#### 2. Role of the Interested Parties

- Develop a technology to convert the metal residue and by-product into a valuable product.
- Making the blueprint and its implementation plan in close coordination with HZL.
- Identification of additional opportunities available as per the latest practices in the market and its implementation plan with the best resources available in the most economical way.
- Detail list of resources and available raw material is attached as annexure.
- Long term agreement may be signed with HZL for exclusive Ancillary Unit set up.
- All plant operation and maintenance services including raw material (except those consumables as agreed by HZL), consumable, spares, services and manpower shall be arranged by the interested partner at its own cost.
- All statutory and environment compliances, certificates and its renewals to be obtained by the interested party; however, HZL shall provide necessary assistance in this process.

### 3. Required Information:

- Interested parties to submit their credentials which should include following things
  - a. Details about their business.
  - b. Relevant experience in the past.
  - c. Last 3 years annual report.
  - d. Customer base and expansion plans for next 3 years.
- Plan to establish the ancillary with broad timelines.

#### 4. Submission of EOIs:

Interested parties are required to submit all required documents complete in all respects with one original and one authenticated copies for each in hard form under the registered post or hand delivered to the address:

Capt Abhinaya Sharma Mob-No 9001995980

On or before 17:00 Hrs. of 12th May'2018

Electronic (Soft form) copy of the EOI should be sent to the email address <u>Abhinaya.sharma@vedanta.co.in</u>

If there is any discrepancy in the documents submitted in hard form & Soft form, the documents in hard form will be considered for evaluation.

## Annexure -1

(To be duly filled by interesting party and submitted along with interest)

#### 1. Name and address

- a) Name of the Firm/Company/Organization:
- b) Corporate Address:
- c) Registered Address:
- d) Telephone No:
- e) Fax:
- f) Email:

#### 2. Contact Person:

- a) Name:
- b) Designation:
- c) Telephone No:
- d) Email:

## 3. Company Profile:

- a) Core area of expertise:
- b) Date of Incorporation:
- c) GST No.:
- d) PAN No.:
- e) Shareholding Pattern:
- f) Financial Capability (Including Turnover, Reserve and Surplus etc)

#### **4. Key Operating parameters for last three years:** [Installed Capacity, Utilization factor etc.]

# **5. Supporting Documents:**

[Provide copy of the registration, copy of GST/and PAN of the firm; with their latest renewals where applicable, Audited Financials for last three Financial years]

**6. Experience/Major projects executed**/under construction by the firm/company/organization(Along with value & time of completion/award)

# 7. Proposed Project details:

A. Proposed Capacity
B. Electricity requirement (MW)
C. Water Requirement (CUM/day)
D. Land requirement (Acre)
E. Estimated Investment (Rs. Cr.)
F. Any other Inputs required from HZL

### Annexure -2

Particulars	Quantity	Zn		Pb		Cu		Cd		Ag		Mn		Ni		Co		Sb		Bi	
	MT/annum	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	MT	%	МТ	%	MT	%	MT
PF Cake	6000	24	1440			6.8	408	25	1500							0.3	18				
Anode Mud	2000	0.83	17	3.8	76					0.025	0.49	45	900								
Co-Ni Cake/Zinc	120	30	36			1	1.2	8.7	10.4					1	1.2	1.3	1.6				
process residue																					
HGP Cake	7200	0.5	36	65	4680			1.9	137	0.028	2.0										
HGP Cake leachate	14000 Cu M	5 gpl	70					30 gpl	420												
Zn-Cd alloy	1080	82	885.6					18	194												
Antimony Dross	600			60	360													20	120		
Bismuth Crust	1800			98	1764															0.2	3.6
Oxy Prophase Slag-b	200			25	50	10	20			7	14							20	40	10	20
Ausmelt Copper dross	9600			70	6720	12	1152														
Dross treatment	27600																				
facility required																					
Zinc dust production	25920																				
from Zinc																					
cathode/metallics																					