

**EXPRESSION OF INTEREST FOR COMMERCIALISATION OF R&D PROCESSES DEVELOPED BY NALCO (EITHER IN-HOUSE OR WITH ITS COLLABORATOR)**

Notice No./NBC/R&D/COM-2/2010

Date: 21.05.2010

NALCO invites Expression of Interest from interested parties for possible commercialization of various processes/projects developed by NALCO through Research and Development, either In-house or in association with a Collaborator (as per the list given below).

**List of Projects for Commercialization**

Sl.No	Project	Collaborator/Scale
1	Fibre reinforced polymer composites as wood substitute –from Red mud	RRL, Bhopal Pilot Scale
2	Use of Fly ash to improve soil fertility & crop yield	RRL, Bhopal Pilot Scale
3	Trials in the fields for popularisation of Fly ash in farming – Kisan mela	RRL, Bhopal Pilot Scale
4	Synthetic granite from Fly ash	CTI, B'lore Bench Scale
5	Wear Resistant Ceramic Products from Fly ash	NML, Jam'pur Lab.Scale
6	Red Mud use as a soil conditioner / fertiliser	RRL, BBSR Lab.Scale
7	Process for Superfine alumina light hydrate	RRL, BBSR Lab.Scale
8	Preparation of Zeolite-P from ATH/Aluminate liquor	NCL, Pune Pilot Scale
9	Dev.of process for production of Super pure & fine ATH	In-house Lab.Scale
10	Innovative process for extraction of alumina from bauxite	In-house Lab.Scale
11	Valuable trace & rare earth elements in bauxite & residue	RRL, BBSR Lab.Scale
12	Squeeze cast, premium quality aluminium alloy castings	IISc, B'lore Pilot Scale
13	Precipitation of Boehmite from aluminate liquor	RRL, BBSR Lab.Scale
14	Production of OPC from Red mud	NCB, Ballabgarth Lab.Scale
15	Ferroalloy & wear resistant cast iron from Red mud	IIT, Khp. Lab.Scale
16	Rare earth added aluminium alloys for conductor application	RRL, Trivendrum Pilot Scale
17.	Process for production of constructional bricks/blocks from red mud –	NALCO & JNARDDC, Nagpur, Pilot Scale
18.	Process for preparation of sodium Aluminates through bicarbonate route.	In house Lab Scale

**For further details please contact:**

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**NATIONAL ALUMINIUM COMPANY LIMITED**  
**(A Public Sector Enterprise )**  
**NALCO BHAWAN, BHUBANESWAR-751061.**

**INTER OFFICE MEMO**

**Ref: No. NBC/R&D/**

**Date: 21.5.2010**

**From:**

**To**

**DGM(R&D)**  
**Corporate Office**

**:**

**DGM(Systems)**  
**Corporate Office**

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**Sub: Expression of Interest for commercialization of R&D Projects-  
Hosting in NALCO Website.**

The Competent Authority has approved continuing the hosting of various completed R&D projects for possible commercialization till mid 2011. The list of R&D projects are already appearing in our website which may now be updated with addition of two more projects (18 nos.) as per the list enclosed:

( Dr. B.K. Satpathy )