

Expression of Interest (EOI) to identify prospective customers to sale Fly Ash/Bed Ash from Bio Refinery set up by Assam Bio-Refinery Limited (50% JV company of NRL)w.e.f. December 2022 onwards

Numaligarh Refinery Limited(NRL) intends to invite Expression of Interest (EOI) from interested Domestic organizations to procure industrial grade sulphur from NRL on long term basis.

1. About NRL :-

Numaligarh Refinery Limited (NRL) is a public sector undertaking, with shareholding of Oil India Limited (77.06%), Govt. of Assam (18.57%) and Engineers India Limited (4.37%). The refinery located at Golaghat District in Assam was commissioned in the year 2000 with a crude processing capacity of 3 million tonnes per annum (MMTPA) to process indigenous low sulphur crude oil of Assam. Product range includes LPG, Naphtha, Motor Spirit (MS), Aviation Turbine Fuel (ATF) Superior Kerosene Oil (SKO) High Speed Diesel (HSD), Raw Petroleum Coke (RPC) Calcined Petroleum Coke (CPC), Wax, Nitrogen, Mineral Turpentine Oil (MTO), Special Boiling Point Spirit (SBPS) and solid and Liquid Sulphur.

Numaligarh Refinery Limited (NRL) has joined hands with two Finnish companies viz M/s Fortum and M/s Chempolis to make a strategic entry into the field of producing ethanol, from cellulosic feedstock 'Bamboo' which is available in abundance in North-Eastern (NE) states of India. Assam Bio Refinery Pvt Limited(ABRPL) a joint venture company has been incorporated with three promoters viz: Numaligarh Refinery Limited (50% equity contribution) along with two other foreign companies Fortum (28% equity contribution) and Chempolis (22% equity contribution) from Finland respectively for setting up a Bio Refinery adjacent to the NRL Refinery at Numaligarh.

The Bio refinery shall have one combined Heat and Power plant (CHP) which is being put up by M/s Thermax . In CHP (Combined Heat & Power) bio coal will be used as the main source of fuel which contains approximately 1.57 % of ash. Moreover, Stillage cake which contains approximately 19% ash will also be used as fuel in CHP. 2.15% of total fuel remains as unburnt carbon which also leftovers as such in ash. Digester dust which will also be fed to CHP as fuel contains approximately 2% ash also contributes to the total Ash generation in CHP. Due to deterioration of bed materials, ash will also be generated in CHP which will be considered as bed ash. Out of total Ash generation in CHP,20% Ash generation will be considered as bed ash and 80% will be considered as fly ash. Both the types of ash are recognized with the same Quality and Specification. Fly ash will be in fine Powdery form and Bed ash will contains small lumps and clinkers.

2. Total Fly Ash/Bed Ash production and Specifications :-

Product	Quantity			Quality	Specification	Likely Available
	Tons/Hr.	Tons/Day	Tons/Annum			
Fly Ash	1.154	27.7	9223	Potassium as K ₂ O: 7863.3 ppm	Alumina as Al ₂ O ₃ :244 ppm Calcium as CaO:475 ppm Iron as Fe ₂ O ₃ :316 ppm Magnesium as MgO:973 ppm Phosphorous as P ₂ O ₅ :614ppm Sodium as Na ₂ O:114 ppm P ^H of activated Carbon: 3.23 Potassium as K ₂ O: 7863.3 ppm Silica as SiO ₂ : 0.61% (w/w)	December, 2022
Bed Ash	0.4085	9.8	3265	Silica as SiO ₂ : 0.61% (w/w)		December, 2022

3. Submission of EOI:

- I. Interested parties are required to submit information complete in all respects as per the format (Annexure-A).
- II. Prospective parties may submit their “Expression of Interest” duly signed as per Annexure A latest by 5 PM of 22.11.2021 in a sealed cover or {scan copy submitted through Email } to:

Chief Manager (Marketing)
Numaligarh Refinery Limited
4th floor , NEDFI House
G. S. Road , Ganeshguri
Guwahati , Assam , India
Pin : 781006
E-Mail id: rajiv.changkakati@nrl.co.in ; Mobile : +916001581367

- III. Subsequently, NRL may notify through its website about the discussions meeting with respect to the EOI. For any clarification, you are requested to contact {+916001581367} and {rajiv.changkakati@nrl.co.in}.

4. Disclaimer:

- I. NRL has issued this Expression of Interest with the best intention to explore the market for interested buyers of **Fly Ash/Bed Ash** . Any manufacturer(s), dealer(s), stockist(s) , supplier of **Fly Ash/Bed Ash** may apply in the standard format enclosed in Annexure A. This EOI does not guarantee conversion of this EOI into any definitive contractual agreements.
- II. It is also agreed that NRL in its sole discretion, may reject any and all proposal made by respondent(s), may change the conditions relating to the EOI or cancel this EOI at any time without assigning any reason.
- III. Prospective respondent(s) acknowledge and agree that response to the EOI is purely voluntary action on their part and for any expenditure on this account shall be borne by the respondent(s).
- IV. NRL will have no obligation or liability to the respondent(s) in the event of cancellation of EOI.

Note: Respondents are requested to keep themselves updated with the website on regular basis for any addition / deletion / modification / clarification or notification in respect of this, at EOI stage. No separate notification will be issued in any other media.

ANNEXURE A – DETAILS OF THE RESPONDENT

1. Name of Company :

2. Address details (1):-

(address of prime place of business Head office/registered office/corporate office/ Marketing office etc.)

Village/locality:-

Street & House no. :-

Postal code :-

City :-

State :-

Country

Postal code:-

3. Address details (2):-

(address of the establishment where physical delivery of materials is required) (leave blank if it is same as same as address 1) (insert all locations (if available))

Village/locality:-

Street & House no. :-

Postal code :-

City :-

Sate :-

Country

Postal code:-

4. Contact details :-

Name of the contact person(s):-

Phone/Mobile no. :-

E-mail id :-

5. Documents (please enclose copies of relevant documents):-

TIN No.

PAN No. :-

GST registration no. and address:-

Last three years net worth of the company:-

Last three years turnover:-

Statutory approvals from authorities for storage and handling **Fly Ash/Bed Ash.**

6. Type of company : Manufacturer/Dealer/Stockist/Trader/any other
(enclose company registration document)

For Manufacturer using Fly Ash/Bed Ash as raw material:

- Annual Quantity of Industrial grade Fly as/Bed Ash required at present (MT):-
- Present source(s) of supply:-
- Present utilisation of Fly as/Bed Ash :-
- Present average purchase price (exclusive of GST and freight) of Fly as/Bed Ash per MT :-
- Additional requirement of Fly as/Bed Ash as raw materials in future, if any.

For Dealer/stockist/Trader

- Present storage capacity of Fly as/Bed Ash:-
- Present trading volume in terms of MT/annum:-
- Present source(s) of supply:-
- Present average purchase price (exclusive of GST and freight) of Fly as/Bed Ash per MT :-

7. Requirement of Fly as/Bed Ash

- Proposed quantity of Fly as/Bed Ash to be sourced from NRL (MT/annum)
 - Fly Ash (MT/annum):-
 - Bed Ash (MT/annum):-
- Utilisation of proposed quantity of Fly as/Bed Ash required :-
- Transportation from ex-ABRPL gate to be arranged by customer :- Yes/No