

**Expression of Interest (EOI) for establishing Local Level Entrepreneurship  
for supply of Chip Bamboo to Assam Bio Refinery Pvt. Limited (ABRPL) at Numaligarh, Assam**

Assam Bio Refinery Private Limited (ABRPL) intends to invite Expression of Interest (EOI) from prospective individuals, Partnership firms, Companies, Self Help Group (SHG), Co-operatives or Joint Forest Management Committees (JFMC) in the state of Assam, Nagaland, Arunachal Pradesh and Meghalaya to set up Bamboo Chipping unit cum stock yard to supply chipped bamboo on a long term basis for Bio Ethanol plant being developed by ABRPL in Numaligarh, Assam.

**1. Background:**

Assam Bio Refinery Private Limited (ABRPL or Company), is a Joint Venture (JV) Company between Numaligarh Refinery Limited (NRL), Fortum 3 BV and Chempolis OY, Finland

The Company proposes to produce eco-friendly bio-ethanol, acetic acid and furfural alcohol from bamboo biomass. The project targets at larger production of sustainable bio-fuels in India to reduce India's dependence on imported petroleum. The bio refinery will be based on Chempolis' 2nd generation bio-refining technology, which enables selective fractionation of biomass and co-production of multiple products in a sustainable way.

**2. Objective of the EOI :**

ABRPL in line with national objectives is committed to develop and rapidly scale up the production of ethanol using 2<sup>nd</sup> generation technology. Considering the abundance of cellulosic feedstock (Bamboo) in north east region of India coupled with Government of India's policies to promote ethanol as renewable transportation fuel, ABRPL proposes to set up a bio-refinery plant in Numaligarh to produce ethanol and other platform chemicals using bamboo as feedstock. **ABRPL, through this EOI intends to collect information about the prospective entrepreneurs (Individual/ Self Help Group/ Co-operatives/ JFMCs), firms (proprietorship, partnership, Companies etc.) to act as "Local Level Entrepreneur (LLE)" who are willing to set up infrastructure facilities for chipping bamboos received from the respective area of operation from individual growers/community (ies), joint forest management committees (JFMCs) as per the direction of ABRPL and supply the same to ABRPL's plant site through registered transporters.**

**3. Implementation model :**

ABRPL in association/co-ordination with various other state/private owned agencies shall identify area/clusters where there is abundant supply of Bamboo and from where it can be sourced sustainably. Bamboo may be sourced from individual farmers, community (ies) representative(s), Joint Forest Management Committees (JFMC) and any other owners and growers of Bamboo in the North Eastern states. These bamboo to be processed/semi-processed into chips at the identified Clusters/Regions before being transported to the ABRPL's plant. Local level entrepreneurs at strategic locations will be selected by ABRPL for developing the chipping units cum stock yard. ABRPL will extend all possible supports to establish the entrepreneurship. LLEs shall be paid for the value added activities in the process i.e. for storage and chipping of bamboo at their premise. Transportation of chipped bamboo to the Plant location may be taken up by LLEs separately through Registered transporters. Average investment for setting up such units is estimated to be approximately Rs. 40 – 50 lacs

**4. Responsibility of a Local Level Entrepreneur:**

- i) LLE will have to build a infrastructure with following facilities for chipping bamboos:
  - Industrial shed for the chipping machines.

- Weighing machine & Moisture measuring instruments.
  - Power connection with Transformer
  - Communication system
  - Truck unloading and loading facilities
  - Water tank and fire fighting equipment.
  - Adequate storage area with a small office.
  - Adequate manpower to operate the establishment.
- ii) LLEs shall have to coordinate with the registered Bamboo growers of the area and registered transporters to maintain smooth supply of chipped bamboos to ABRPL.
- iii) Receipt of green bamboo from the growers and supply of chipped bamboos to plant to be done in co-ordination with ABRPL.
- iv) As all financial transactions will be done based on the quantity (MT basis) maintenance of data /transfer data to ABRPL on time will be responsibility of the LLE.
- v) LLE shall have to help in educating and implementing sustainable harvesting techniques to the owners and growers of bamboo.

#### 5. LLE Selection criteria

**Selection shall be based on merit and on sole discretion of ABRPL, based on below criteria (not exhaustive):**

- a) Distance of applicant's permanent residence from the preferred area of operation
- b) Availability of land (own / leased)
- c) Proximity to road
- d) Availability of power
- e) Capability of arranging finance
- f) Business acumen
- g) Education qualification

#### **6.0 Indicative list of locations for setting up LLE (Local Level Entrepreneurs): Phase I.**

Sl.No	State	Districts	Locations
1.	Assam	Golaghat	Khatia Khali
2			Dergaon
3		Jorhat	Titabar/ Mariani
4		Sivsagar	Sonari
5			Galeki.
6		Nagoan	Dabaka
7			Kampur
8			Lanka
9			Lumding
10		Karbi Anglong	Manja
11			Hamren
12			Bokulia
13			Donkamokan
14		Dibrugarh	Moran
15		Tinsukia	Doomdoma
16	Nagaland	Paren	Jalukie
17		Dimapur	Nuiland
18		Wokha	Bhandari
19		Mon	Tizit
20		Mokokchang	Tuli
21	Arunachal Pradesh	West Kameng	Bhalukpung
22		East Sinag	Pasighat
23		Lower Dibang vallley	Rowing
24		Papumpare	Itanagar
25	Meghalaya	Ri-Bhoi	Nongpho

## **7.0 Submission of EOI:**

- I. Interested parties are required to submit information complete in all respects as per the format (Annexure-I).

Prospective parties may submit their “Expression of Interest” in the website as per Annexure I latest by 25.05.2019. interested parties may send hard copy of the format duly filled and signed in the following address:

VP (Logistics and supply chain)  
Assam Bio Refinery Pvt Ltd.  
P.O. NR Project, Post Box No:003  
Dist. Golaghat, Assam  
Pin: 785699

- II. Subsequently, ABRPL may notify through its website about the discussions meeting with respect to the EOI.
- III. For any clarification, you are requested to contact {Email id: scm@abrpl.co.in}.

## **8.0 Disclaimer:**

- I. ABRPL has issued this Expression of Interest with the best intention to explore the entrepreneurs who are interested to establish chipping unit cum stock yard in the state of Assam, Nagaland, Arunachal Pradesh and Meghalaya and has no compulsions to enter into definitive contractual agreements. This EOI does not guarantee conversion of this EOI into any definitive contractual agreements.
- II. It is also agreed that ABRPL 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. ABRPL 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-I:**

Sl. No	Item	Response
1.	Name and address (Individual/SHG/ Co-operatives/ JFMC)	
2	Contact no	
3	e-mail address	
4	Education qualification	
5.	Location opted for LLE	
6	Size and location of the plot for setting up the infrastructure	
7	Class of plot	Agricultural / Non Agricultural
8.	Ownership type	Own/ On long term lease
9	Availability of power	Yes / No
10	Finance	Self -Finance / Bank assistance required
11	Capable of operating in an area of	15 -20 Km radius  20 -25 km radius  25 -30 km radius
12	Present occupation	
13	Gross income  2015-16  2016-17  2017-18	Rs.....  Rs.....  Rs.....