

Notice inviting *Expression of Interest (EOI)* for short-listing firms for transfer of one technology of low cost therapy against gastric hyper acidity and gastro-duodenal ulcer by an herbal extract from abundantly available Indian medicinal edible plant (Neem)

Introduction and Background of CSIR-Indian Institute of Chemical Biology:

CSIR-Indian Institute of Chemical Biology was established in 1935 as a centre for biomedical research which is a constituent laboratory of Council of Scientific & Industrial Research since 1956. CSIR-Indian Institute of Chemical Biology is engaged in multidisciplinary research on various infectious diseases including leishmaniasis. In the past, the institute has developed an oral vaccine for cholera, herbal therapeutic products for controlling asthma & gastric ulcer, empirical treatment of vitiligo, diagnostic kits for malignancy and hormonal disorders, fungal enzymes of industrial importance and many other products.

1. Objective of EOI:

CSIR-Indian Institute of Chemical Biology has developed a technology

- (1) **Low cost therapy against gastro-duodenal ulcer by an herbal extract** from an abundantly available Indian medicinal edible plant and it is a renewable source. Raw material may be collected from all over India in all the seasons. The medicinal use of this plant has been mentioned in renowned classic texts, Ayurveda like Charaka Samhita (1000 B.C.)

An innovative simple extraction process was standardized with high yield with well established markers for finger printing to check the batch to batch variation. This bioactive fraction exhibited potent gastroprotective activities against various etio-pathological factors including non steroidal anti-inflammatory drugs (NSAIDs), stress and ethanol. It also accelerates the healing of pre-formed gastric lesions.

The mechanism of action and target identification has been established. Stability of the raw material and product has been completed. This herbal extract demands a low cost therapy against peptic ulcer which is a severe problem worldwide due to chronic use of pain killers or NSAIDs, high extent of alcohol consumption and daily life stress.

CSIR-Indian Institute of Chemical Biology invites Expression of Interest (EOI) from eligible firms having requisite experience in the field of manufacturing and marketing this herbal product developed specifically **against multifactorial peptic ulcers**. EOI may be submitted in a sealed envelope through speed post/Registered post or delivered by hand super scribing "EOI for manufacturing and marketing neem-based herbal products developed specifically **against gastro-duodenal ulcer**".

2. Evaluation of the Proposal:

The submitted project proposal will undergo rigorous evaluation by Expert Committee constituted by the competent authority at CSIR-IICB.

3. Who can apply:

An industry / Academic Institution / R&D Institute having requisite infrastructure and expertise. The bidder may be a private / public limited companies or partnership firm. Individuals are not eligible to participate in this EOI.

4. Terms and conditions:

Language of EOI

The EOI, and all correspondence and documents related to EOI exchanged by the Firm/Bidder should be in English.

Disqualification of EOI's

The EOI submitted by firm is liable to be disqualified if,
Not submitted in accordance with the EOI document,
EOI received in incomplete form,
EOI received after due date and time, and
EOI is not accompanied by all requisite documents.

CSIR-IICB reserves the right to the following

Reject any or all proposals received in response to the EOI without giving any reason whatsoever

Extend the time for submission of EOI

Modify the EOI document, by an amendment.

5. Last Date : The last date of submission of interest is 3rd Feb 2018.

6. How to apply: Completed proposal both in soft and hard copies duly signed may be submitted to:

Dr. Samit Chattopadhyay, Director
Dr. Arun Bandyopadhyay,
Head, Business Development Group,
CSIR-Indian Institute of Chemical Biology,
4, Raja S. C. Mullick Road, Jadavpur, Kolkata
– 700032 Phone: 033-24724049/24995723
Email: arunb@iicb.res.in

(Supporting documents needs to be submitted as soft copies along with the application.)

