



## Expression of Interest: Licensing of CSIR-CFTRI Technologies / Patents

CSIR-CFTRI is one of the constituent laboratory of Council of Scientific & Industrial Research (CSIR), Ministry of Science & Technology and Earth Sciences, Govt. of India, New Delhi. The Institute has a large portfolio of Innovative Technologies / IP relevant to Industry in the area of Food Science & Technology.

The Institute is Keen to commercialize one of its process, “**Production of transglycosylating  $\alpha$ -glucosidase (tAG) from a novel *Aspergillus* strain**” to interested parties.

### Potential of the Technology in the Market

An indigenous microbial technology utilizing starch as substrate to produce tAG, which serves as processing aid for niche food applications

### Value proposition

- Novel indigenous fungal strain
- Toxin-free and proven safe in animal model
- Niche enzyme production for food applications
- Utilizes very low cost carbon source
- Optimized submerged fermentation process
- Easy harvest and downstream of enzyme
- Both liquid and powder formulations
- Import substitute technology

### Technology status

- Demonstrated at 100 L scale
- Samples of both tAG and IMO are available
- Organism is protected under safe deposit

### Applications

- tAG finds major use in isomalto-oligosaccharides (IMO) synthesis, which are considered as low-calorie sweeteners and bulk-fillers in food industry and are also proven for pre-biotic functionalities. IMO finds uses in carbonated beverages, sports and energy drinks, soy milks, milk-based drinks, milk-based and non-milk-based meal replacement drinks, fruit juices, fruit-flavoured drinks, meal replacement bars, breakfast bars and confectionery.

Expression of interest from Indian companies are invited for securing the license to manufacture and market the products.

The interested companies may furnish the Technical (Annexure I) bids in sealed covers. Only the parties who have proven expertise as evidenced in the technical bid will be considered for the first level of interaction. Costing for the Process will be decided after mutual discussion with competent parties as per CSIR guidelines.

Quotes superscribed as “**Technical Bids**” should be sent in an envelope to Head, PMC Dept., CSIR-CFTRI, Mysore 570 020 with a covering letter addressed to Director, CSIR-CFTRI, Cheluvamba Mansion, Mysore 570 020. Last date for the submission of bid is by **13.6.2022**.

The sealed covers containing technical bid will be opened at PMC Department, CSIR-CFTRI in the presence of representatives of bidders. The date will be intimated in advance. Director, CSIR-CFTRI, reserves the right to revise, reject, re-seek the EoI, if necessary. The decision of the Director, CSIR-CFTRI will be final.

**Technical Bid Details  
(Company Letter Head)**

1	Name of the Firm Address Contact details (Mobile and Email) Website :	
2	Details of Incorporation, Operational details including branches / subsidiaries	
3	Expertise of the Company	
4	Details of Manufacturing / Marketing details (GST, PAN, TAN and others) Legal document copy may be furnished	
5	Details of the Patent for which licence is sought	
6	The Mode of licencing sought	Non Exclusive Limited Exclusivity Exclusive
7	Any other details, deemed important about the Company	
8	Details of Authorised person making the offer ( including designation, Mobile no., email etc.)	
9	Signature with seal	