

16 May 2017

Invitation for Expression of Interest for Technology Transfer
VERSATILE TANGENTIAL FLOW MEMBRANE BASED SEPARATION
EQUIPMENT

Background: The available equipment can only accommodate manufacturer specific membrane modules. Additionally they cater to narrow ranges of operational parameters tangential flow velocities (TFV), trans-membrane pressure (TMP) and volume capacities. IIT Delhi has developed an apparatus for facilitating pressure driven membrane separation in the tangential flow format which is compatible with a wide range of laboratory scale membrane modules namely, plate and frame, tubular channel, hollow fiber and spiral wound modules. It provides the full range of operational parameters like tangential flow velocities and trans-membrane pressures for meeting any process requirements. This feature allows the usage of the full range of membrane-based separations: microfiltration, ultrafiltration, nanofiltration and reverse osmosis.

Validation: The device has been developed and tested with various membranes by IIT Delhi. The device does not require further testing and can be deployed in the market.

Intellectual protection: An India patent application as per the details below has been filed.

Application Number 201711010134 dated 22nd March 2017

Partnership for development and dissemination: Note this is not a hands-off technology transfer proposal. The group at IIT Delhi is committed to working on development and dissemination of technology. The group would work with the industrial partner for scaling up in India.

Eligibility criteria: The eligibility criteria are as follows:-

1. The company must be registered in operation and have to provide audited last 3 year filed balance sheet. Audited balance sheet less than 3 years will be considered in case of start ups with shorter operating history. (Annexure I: enclose proof, copies of PAN, TAN, MOA, balance sheet)
2. The company must have a proven track record of manufacturing high end technical components and should have established in house manufacturing unit with qualified engineers. In absence of in house manufacturing facilities it should have requisite toll manufacturing arrangement with third parties. (Annexure II: please provide qualifications of employees, experts and details of the facilities)

Prequalification criteria: The company should meet the following criteria to be considered for the next level:

1. Propose an effective r&d and commercialization plan (Annexure III: R&D and Commercialization Plan)
2. The bid should offer to take the license on the terms and conditions specified below.
3. The technical evaluation will be done for the bids meeting or offering above the financial terms Rs. 1.25 Lakhs upfront (+service tax) and 5% royalty (+service tax).

How to apply: Interested parties have to submit the below mentioned documents along with a demand draft of Rs. 2000, in favour of FITT, IIT Delhi payable at New Delhi.

1. A brief statement of how the company plans to take this product forward and a commercialization plan.
2. Proof of registration and in operation of the company.
3. Copies of PAN, TAN and MOA
4. Company Brochure, facilities available and qualification details of the employees
5. Last three audited balance sheets

Note: Expression of interest should be stamped and signed by authorized signatory.

Where to submit: The application along with the demand draft can be submitted as a hard copy to Managing Director, Foundation of Innovation and Technology Transfer, Deans Complex, Indian Institute of Technology, Delhi, Hauz Khas, New Delhi -110016 and a soft copy to mdfitt@gmail.com within **ten days** of this advertisement with envelope/subject marked as **EOI for versatile equipment technology licensing**.

Technology transfer terms:

1. Non-exclusive license (negotiable)
2. The Licensee will have to work the invention to their fullest capacity
3. The Licensee's work performance for a year will be monitored.
4. The Licensee should submit annual statement of their sales/accounts.

Detailed terms and conditions will be shared with the selected company.

Next steps: All eligible parties would be called for presentation to assess their strengths before deciding on the technology transfer partner.

For any queries please write to mdfitt@gmail.com.