



कीटनाशक सूत्रीकरण प्रौद्योगिकी संस्थान

Institute of Pesticide Formulation Technology

(An Autonomous Institution of Govt. of India)

Department of Chemicals & Petrochemicals

Ministry of Chemicals & Fertilizers

Sector-20, Udyog Vihar, **Gurugram – 122 016 (Haryana)**

Contact No. : 0124 – 2455405; 0124-245512; 0124-2455409

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EOI No. : IPFT/FL-50/EOI/DBT/2025-26

INVITING EXPRESSION OF INTEREST (EOI)

Invitation for Expression of Interest for the selection of Project/Technical Consultant to prepare Detailed Project Report including tender specifications for the refurbishment of existing pilot plant with BSL2 compliant biomanufacturing pilot scale facility including necessary equipments and accessories

Institute of Pesticide Formulation Technology (IPFT) is an autonomous institute under Department of Chemicals and Petrochemicals, Ministry of Chemicals and Fertilisers, Government of India is in the process of **establishment of biofoundry facility for the development of biopesticides and their formulations from plant and microbial sources under the project entitled “Augmentation of existing bio-botanical pesticides and their formulation facility as biofoundry at IPFT”** sponsored by Department of Biotechnology, Government of India. In this regard, we are seeking Project/Technical consultant(s) either as expert individual and/or reputed entities for the preparation of Detailed Project Report (DPR) including tender specifications followed by the execution of the work in conformity to rules and regulations for the establishment of biofoundry facility with a lab-to pilot scale-up process for biopesticides and their formulations development at the existing pilot plant of IPFT with BSL2 complaint wherever needed. The interested party is required to quote its professional consultancy charges/fees for preparation of DPR along with its terms and conditions as well as supporting documents for their experience and handling of similar projects required to be submitted positively within 15 days from the date of publication of this advertisement.

Broadly, the facility is expected to have the following infrastructure and/or equipments but are not limited to,

1. Dismantling and shifting old non-functional, non-repairable equipments/machine its utilities & electrical panels etc from existing pilot plant.
2. Civil work including laboratory infrastructure and utilities to refurbish the existing pilot plant facility and other required laboratories to develop biopesticides from plant and microbial sources.
3. Microbial fermentation facility from lab-scale to pilot-scale.
4. Plant extraction facility from lab-scale to pilot-scale.
5. Equipments, accessories and infrastructure required for the biopesticides and their formulations development from plant and microbial sources.
6. BSL2 compliant facility for microbial based biopesticides and their formulations.
7. Design & development of biosafety level-2 (BLS-2) compliant Pilot-scale facility for preparation of microbial based bio-pesticide and their formulations.. Pilot plant equipments/machines and its utilities equipped with automation to be capable to prepare microbial based bio-pesticide like

- Bacillus thuringiensis*, *Pseudomonas fluorescence*, *Hirsutella thompsonii*, *Trichoderma*, *Verticillium lecanii* etc. and their formulations at 100 kg/liters/shift.
8. Packing and Labelling machines for the developed biopesticides and their formulations and setting up of packaging unit for solid and liquid biopesticides and their formulations.
 9. Laboratory Information Management Systems (LIMS) for GLP compliant and NABL accredited facility at IPFT.
 10. NABL accredited and/or GLP compliant microbiology assay laboratory for developing, analyzing microbial pesticides and/or their formulations including other agrochemicals and contaminants testing as per regulatory guidelines.
 11. Automation of the whole pilot scale-up process as much as possible for both plant and microbial based biopesticides and/or their formulations.
 12. Setting up Raw Materials and Final Product storage facility equipped with suitable storage conditions for microbial & botanical based Bio-Pesticides and their formulations.
 13. Reports should incorporate plant layout, drawing, sketches, machine layout, list of equipment's, power requirements and project economics etc.

Terms and Conditions:

- a. Preparation of designs and drawings (2D and 3D), tender specifications for every item mentioned in the DPR and their estimated cost with the prospective/prominent manufacturer name(s), make and model etc.
- b. Presentation before the respective committees and clarifications thereof as and when required after the preparation of DPR
- c. The timelines for the preparation of DPR is one month after the award of the contract
- d. Execution of the work during the tendering process and/or establishment process
- e. Maintaining utmost confidentiality of the DPR related issues
- f. The individual/entity or their relatives selected as Project/Technical Consultant shall not entitle to participate/submit the tender bids for the proposed work/project.
- g. Submission of no-conflict of interest with IPFT related to this work at any point of time.
- h. The submission of EoI covering all above requirements should be submitted within a period of 15 days from the date of publication of this advertisement.
- i. The evaluation committee of IPFT will have the right to select/appoint firm/individual expert based on their experience and capability of handling similar nature of the projects in the past.
- j. The selected firm/individual expert shall liable to submit an amount equivalent of 5% of the project/consultancy fees in the form of DD in favor of IPFT, which is refundable after successful completion of the work.
- k. No advance payment of the project/consultancy fees will be made to the selected firm/individual expert, however, the same shall be paid in the phased manner mutually agreed

Eligibility Criteria :

The firms/agencies should have its office or sub-office/representative office in Delhi NCR with minimum 05 years of experience in the preparation of DPR and execution of the work and carrying out similar nature of jobs. The firms is expected to have completed at least five DPR preparations and executing similar nature of work during last five years. The authorised representative of the interested eligible individual/firm/agency can be allowed to visit the IPFT campus on any working days within ten days of this notification on prior intimation.

Please submit the quote in a sealed envelope along with all requisite documents addressed to :

The Director
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