



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar, Karakambadi Road, Mangalam (B.O), Tirupati - 517 507

Website: <http://www.iisertirupati.ac.in/>

EOI No: IISERT/PUR/0030/22

Expression of Interest (EOI) for establishing a Biosafety Level 3 (BSL-3) laboratory at IISER Tirupati Main Campus.

An Online pre-indent conference is proposed to be held on 29th April 2022 with the prospective manufacturers to discuss with the Technical Committee on the aspects of technology, design, specification, clientele, and other related issues for establishing a Biosafety Level 3 (BSL3) laboratory.

The brief description and requirements for the Biosafety level-3 (BSL-3) lab are provided below:

IISER Tirupati is interested in building a BSL-3 laboratory with two modules: Module 1 for studying Mycobacterium tuberculosis and module 2 for virology including SARS-Cov-2.

Work with M.tuberculosis will involve small and medium volumes of in vitro culture and ex vivo infection on model cell lines. Virology studies will involve ex vivo culture and infection on model host cell lines.

The laboratory is also expected to house rodents as animal models for studying these infectious diseases in the future.

The laboratory will be constructed with an internal area of around 2000 sft, including decontamination of solid and liquid wastes.

The design and technical specifications of this BSL-3 laboratory should comply with the guidelines provided by the Review Committee of Genetic manipulation (RCGM), Department of Biotechnology, Govt. of India.

This laboratory will be constructed as a turnkey project wherein the manufacturer will be responsible for all internal civil construction including air handling unit, validation, approval, and certification from RCGM, commissioning periodic yearly follow-up validation from RCGM, and comprehensive maintenance including parts and all other aspects for at a period of 5 years.

Prospective manufacturers are invited to attend a pre-indent meeting with the Technical Committee to discuss all aspects of the laboratory including technology, design, features, specification, equipment, and clientele. They are also invited to make a presentation on their company portfolio and expertise, proposed specifications, and



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान तिरुपति

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH TIRUPATI

Transit campus: Sree Rama Engineering College Campus, Rami Reddy Nagar, Karakambadi Road, Mangalam (B.O), Tirupati - 517 507

Website: <http://www.iisertirupati.ac.in/>

a list of equipment required for the laboratory, as per the above-mentioned application.

All prospective bidders are requested to kindly send their request and profile through email at purchase@iisertirupati.ac.in so as to reach the latest by 28th April 2022.

Date and Time of the Online pre-indent conference: 29th April 2022 at 03:00 PM.

The Pre-indent conference will be conducted via Google Meet/Any other virtual mode.

Contact for information:

Technical & Commercial contact:

Deputy Registrar (Admin & Purchase)

Indian Institute of Science Education and Research (IISER), Tirupati

Transit campus: C/o Sree Rama Engineering College Campus, Rami Reddy Nagar
Karakambadi Road, Mangalam (B.O), Tirupati - 517 507

Email: purchase@iisertirupati.ac.in Ph:0877 2500 208/234/235

Website: <http://www.iisertirupati.ac.in/>

Note:

1. This notice is applicable to those firms who have experience in the establishment of BSL -3 Labs for "Expression of their Interest" to participate in the preparation of specifications and thereafter in the bidding process.
2. The Pre-indent conference will be conducted via Google Meet/Any other virtual mode. Kindly ensure you have an active broadband internet connection for the conference.

**Sd/-
Deputy Registrar (A&P)**