

Development of website for KRIBS-BioNest

Introduction

KRIBS-BioNest is a bio-incubator jointly run by Kerala Startup Mission (KSUM) and Rajiv Gandhi Centre for Biotechnology (RGCB) through the formation of KRIBS Society (KSUM-RGCB Innovation and BioIncubation Society). The facility provides incubation services & instrumentation facilities to startups in the medical and biotechnology sector.

Purpose

To identify a startup to create a new website for KRIBS-BioNest.

Product scope

The scope of the work is listed below

1. Develop a user-friendly, responsive, and visually appealing website. The current website <https://rgcb.res.in/BioNest/>. (reference:<https://aic.ccmb.res.in/>)
2. Home Page Layout
 - About (KRIBS-BioNest, Vision/Mission, KSUM, RGCB, Governing Council, Executive Committee, Team)
 - Facilities & Services (Lab, Instruments, Link to RGCB facilities open to BioNest, Application for using instrumentation facilities etc)
 - Incubation (Structure of incubation, Application links etc)
 - Ecosystem (Mentors, Partners, startups)
 - Contact Details
 - News/ Events
- 1.Maintenance and up keeping of the developed website.
- 2.Develop an online portal as part of the website for online booking of technical resources at KRIBS-BioNest .
- 3.Develop an online portal for streamlining the application process for admission to BioNest(Incubation)

4. Coordination with the hosting provider for all hosting-related activities of the website. Currently, the web pages are part of the RGCB website.

5. Fixing reported issues

The application for the incubation facility, along with the equipment list, has been included in the annexure for your reference.

The EOI process

Kerala Startup Mission is approached by various Government Departments for the development of mobile and web applications. These requests are met through a facilitation devised by KSUM. Kerala Startup Mission facilitates the entire process by helping departments to finalise technical specifications, circulating the same among startups, initial technical assessment and short listing for the committee to take final decision.

Following are the steps involved:

1. Call for Expression of Interest among startups incubated/registered with KSUM
2. Submission of EOI (in the link provided by KSUM)
3. KSUM to organize interaction with the Department for clarifying doubts and queries of interested startups.
4. Technical Proposals are then obtained from startups who have submitted the interest.
5. Technical proposals are then evaluated.
6. Startups who qualify the technical evaluation are then asked to submit the financial proposal.
7. L1 among the startups is identified by the method of Quality and Cost Based Selection (QCBS) wherein 70% marks for the technical proposal and 30% for the financial proposal.
8. The L1 startup is then recommended to the Department.
9. KSUM ensures that the startup delivers the product to the Department and the Department is satisfied with the work.
10. The payment is made directly by the department to the startup after signing an Agreement.

11. The Department is also expected to do the Security auditing of the application developed by the startup through CERT-K and also to host the application in the State Data Center

Eligibility for Startup to participate in the EOI

The startup has to be registered with Kerala Startup Mission and Startup India.

Annexure

KRIBS - BIONEST

KSUM-RGCB INNOVATION AND BIOINCUBATION SOCIETY (KRIBS)
Kerala Technology Innovation Zone, KINFRA Hi-Tech Park, Medical College - NAD Road,
Kalamassery, Kochi, Kerala 683503

APPLICATION FOR BIOINCUBATION FACILITY

A. DETAILS OF THE APPLICANT

01. Name of the Principal Investigator/Chief Promoter:
Address
Contact Phone No.
Mail ID
Nationality :
Educational Qualifications
Area of expertise :
02. Names & Details of other Investigators/Promoters (use the same format as above)

B. DETAILS OF EXISTING ORGANISATION (if any)

01. Name of Organisation
02. Whether Proprietary/Partnership/Pvt.Ltd./Public Ltd.Co.
03. Contact person(s)
04. Address of Regd. Office
Telephone No.
Telex
Fax
E-Mail
05. Date of Incorporation :
06. Company's Bank(s) & Address :
07. Name(s) & Addresses of Partners/Directors :
08. Last 3 years Turnover (in lakhs) :

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- 09. Gross Profit (in lakhs) :
- 10. Net Profit(in lakhs) :
- 11. Details of Business:

C. BRIEF DETAILS OF THE PROPOSED PROJECT (*Be brief, but be clear*)

- 01. Name/Type of the Product to be developed
- 02. Description of the technology
- 03. Initial investment: In terms of Plant & Machinery(In lakhs):
- 04. Novelty of the process/product
- 05. Marketability/ Need of the product/ Role in Societal advancement
- 06. What do you propose to do in the Incubation Facility
- 07. Summary of the Business Plan and Strength & Weakness Analysis
- 08. Licenses & Tie-ups/ Technical know-how/ Collaborator /Buy back or sales agreement etc if any

D. DETAILS OF INCUBATION SPACE REQUIRED

- 01. Laboratory space (in sq feet) with justification
- 02. Specialised/ other Equipment that you will bring
- 03. Utilities required
- 04. Equipments of the facility that you would use
- 04. Manpower proposed to be employed
- 05. Proposed period of incubation

KRIBS - BIONEST

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E. COMMENTS OR SPECIAL REQUESTS FROM THE APPLICANT

Name, Designation and Signature with Date

1. ANALYTICAL CHEMISTRY

Equipments

- LC MS – MS (AB Sciex 4000 Q Trap)

Date	Company Name	Booked date	Sample	Number of samples	Standards provided Yes/No	Storage condition	Hazardous/Non hazardous/reactive/toxic etc	Remarks

- HPLC (Hitachi Elite La Chrom)

Date	Company Name	Booked date	Sample	Number of samples	Standards provided Yes/No	Storage condition	Hazardous/Non hazardous/reactive/toxic etc	Remarks

- GC (Shimadzu GC – 2010 Plus)

Date	Company Name	Booked date	Sample	Number of samples	Standards provided Yes/No	Storage condition	Hazardous/Non hazardous/reactive/toxic etc	Remarks

- UV Spectrophotometer (ThermoScientific Genesys 180)

Date	Company Name	Booked date	Sample	Number of samples	Start Time	End Time	Remarks

2. TISSUE CULTURE FACILITY

- Laminar Flow (Micro FILT MFI - VirBio 3X)

Date	Company Name	Booked date	Start Time	End Time	Remarks

- CO2 Incubator (Thermo Scientific i 160)

Date	Company Name	Usage date	Sample	Number of flask	Start Time	End Time	Remarks

3. BIOPROCESS DEVELOPMENT AND DSP

- 20 L Stainless Steel Fermenter (Scigenics India Pvt Ltd)

Date	Company Name	Booked date	Sample	Start Time	End Time	Remarks

- 10 L Stainless Steel Fermenter (Scigenics India Pvt Ltd)

Date	Company Name	Booked date	Sample	Start Time	End Time	Remarks

- **Open Double Deck Shaker (Orbitek)**

Date	Company Name	Booked date	Sample	Number of flaks	RPM	Start Time	End Time	Remarks

- **Refrigerated Incubator Shaker (Orbitek LE4676 AH)**

Date	Company Name	Booked date	Sample	Number of flasks	Temperature	RPM	Start Time	End Time	Remarks

- **Laminar Flow (Micro FILT)**

Date	Company Name	Booked date	Purpose	Start Time	End Time	Remarks

- **Tubular Centrifuge (SAP Filters India Pvt Ltd)**

Date	Company Name	Booked date	Sample	Start Time	End Time	Remarks

- **Molecular Imager (Bio Rad Gel doc XR+)**

Date	Company Name	Booked date	Sample	Start Time	End Time	Remarks

6. PHYTOCHEMISTRY FACILITY

- **Rotary Evaporator 5L (Heidolph Hei Vap)**

Date	Company Name	Booked date	Sample	Sample Volume	Start Time	End Time	Remarks

- **Vacuum Pump (IKA)**

Date	Company Name	Booked date	Sample	Start Time	End Time	Remarks

- Hot Air Oven (Yorco YSI – 449 and Rotek)

Date	Company Name	Booked date	Oven booked (Yorco YSI – 449 or Rotek)	Sample/Purpose	Temperature	Start Time	End Time	Remarks

- Ice Flaking Machine (Elanpro EFM 101)

Date	Company Name	Booked date	Start Time	End Time	Remarks

- Vertical Autoclave (Yorco-YSI-401)

Date	Company Name	Booked date	Purpose (Sterilization / Decontaminatio)	Start Time	End Time	Remarks

