Manufacture, Repair, and Maintenance of Communicating Fault Pass Detectors (CFPD)

CFPD (Communicating Fault Pass Detector) is the modern tool used by power distribution utilities worldwide to locate faults in high voltage lines instantly, thereby minimizing power outages to consumers. The CFPD units developed by the KSEBL team are installed in the field throughout the state and are working satisfactorily. Some units require maintenance and new units are to be manufactured to install in new HT feeders. Now KSEBL is exploring the feasibility of carrying out the Manufacture, Repair, and Maintenance of Communicating Fault Pass Detectors (CFPD) through a startup company.

KSEBL is now exploring the potential for engaging a startup company with expertise in this technology to take on the manufacture, repair, and maintenance of CFPD units.

We invite expressions of interest (EOI) from startups with relevant experience and a keen interest in collaborating on this initiative for the Kerala State Electricity Board Ltd (KSEBL) network.

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 finalize technical specifications, circulating the same among startups, initial technical assessment, and shortlisting for the committee to make the final decision.

The 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 that qualify for the technical evaluation are then asked to submit a 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.