Job Title: Cloud Architect (Consultant) under FarmerZone project # IITM/DBT-Indo-UK/SS/192

FarmerZone^{TM} is the Dept of Biotechnology's vision of a cloud service that will offer AI-based advisories to help smallholder farmers increase their total farm productivity. FarmerZone will be a multi-purpose window, from dealing with climate change and weather prediction to matters of land, soil, water, seed to market linkages. FarmerZone will be a single platform for collecting, curating and analyzing data and distributing it in need-based advisories. We are seeking either an individual or company to work as an internal consultant to evaluate the cloud architecture platform, ensure compliance and provide timely design and implementation suggestions to ensure that the goals of FarmerZone are met.

Expectations:

- Should have good understanding of the Indian agriculture ecosystem.

- Should have designed and developed software application related to agriculture or farming.

- The team members or individual should have specific consulting capabilities across software and solution architecture, software engineering and cloud solutions specific to the agricultural domain.

- Should have handled and played pivotal roles in software product design and solution architecture projects in complex and large environments.

- Should have proven capabilities in providing viable technical solutions in the area of cloud strategy, including specific expertise of design, security and deployment.

- The candidate should have prior experience of having worked in software design and architecture of software solutions specific to the agriculture or farming domain/ vertical.

- Should be able to work with technology and domain expert partners of FarmerZone in defining the detailed architecture of FarmerZone and get them implemented through partners

- Preference for experience in Agriculture based App development in Android/IOS platforms.

- May include interactions with diverse stakeholders, from large government organizations to farmer organizations to startups to international partner organizations

- May require to engage with farmer organizations, including cooperatives, NGOs and agri-startups to ensure that FarmerZone delivers the intended benefits to farmers

Minimum Requirements: Ph. D. degree with 5 years' experience in the relevant area or/ Master degree with 10 years of experience in relevant field or Bachelor's degree from the reputed/ recognized institution in Computer science or CS related areas and 15 or more years of relevant experience. A higher degree in CS can compensate the required years of experience upon selection committee's approval.

Salary: Rs. 30K - 40K /month for 50% time. Actual amount will depend on number of hours engaged per month.

Tenure: Consultancy at IIT Mandi, Kamand campus; Initially for 1 year, extendable based on performance and need.

Deadline: Email a copy of your CV and Statement of Interest to sharad@farmerzone.in no later than 15th March 2019. Late applications may be considered until the post is filled.