Vidyadhar Mudkavi
Head

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Date: 21 December 2020

To:
Prof. K. Vijay Raghavan
Principal Scientific Adviser
to the Government of India
Vigyan Bhavan Annexe
Maulana Azad Road
New Delhi 110 011

Sub: KisanMitr - Friends of the Farmers - National Digital Platform on the CSIR-
4PI India's own supercomputing facility

Dear Prof Vijay Raghavan

As you are aware, CSIR Fourth Paradigm Institute (CSIR-4PI), formerly C-MMACS, hosts one of the largest High Performance Computing (HPC) facility of the country. Presently it houses a 489 TF (Peak) HPC cluster connected with a high-speed backbone connectivity National Knowledge Network (NKN) with 2.5Gbps / 10Gbps capacity that can be upgraded to 100 Gbps or more shortly to enable knowledge and information sharing.

We are happy to accommodate the requirements of your office and Indian CST technical team's requirements for hosting, disaster recovery, and developing parallel programing applications and to provide access of national resource data for use by people of the country. CSIR-4PI has an ultra-high-speed e-governance backbone for information sharing with high performance computing infrastructure cloud-based services, cloud based multi-tenant storage services, SMS gateway services, mail gateway services, developing big data analytics solutions, modeling approaches for illuminating the structure and evolution of complex systems in India.

CSIR-4PI and Indian CST have already signed an MoU on 30th December 2016 for cloud computing and Big Data Analytics and for jointly bidding or for implementing consultancy projects for Central Government/Ministries/Departments and State Governments in the areas of Cloud based consultancy solutions and Big Data Analytics as per requirements of Government clients.
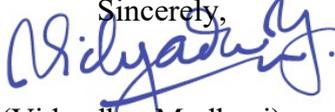
Together with Indian CST we have made the secure hosting of the KisanMitr - Friends of the Farmers - National Digital Platform on behalf of your office on infrastructure of CSIR-4PI and we are taking care of all compliances required for cloud hosting services for Govt. of India. Together with Indian CST we are proposing to optimize KisanMitr - Friends of the Farmers - PSA project to make Indian farmers Atmanibhar by scaling up not only for pan India operations but also as a part of global impacts as a joint R&D activity, which will be driven by Government, Trust, Industry and other researchers to nurture interdisciplinary leadership.

We hereby confirm KisanMitr - Friends of the Farmers - National Digital Platform Services portal (https://kisanmitr.gov.in) is now live on our supercomputing environment in Bengaluru facility and is fully secure. The data too is secured, safe and reliable as per ICT and e-governance norms.

We welcome your comments and suggestions.

Thanking you

With warm regards,

Sincerely,

(Vidyadhar Mudkavi)

CC:
Shri Srikumar and Shri Raja Seevan, Indian CST, Bangalore