

Detailed Information for EOI

Invited through Newspaper Advertisement(s) dated 22nd May 2019

On

Validation, Packaging and Marketing of indigenous software usable for quantifying lung fibrosis on high-resolution computed tomography (HRCT)

VALUE PROPOSITION

Development of an affordable indigenous software usable for quantifying lung fibrosis on high resolution computed tomography (HRCT),

BACKGROUND

CSIR-IGIB has been working with AIIMS on automated fibrosis quantification for lung CT, in collaboration with CSIR-CEERI under a project on Intelligent Systems WP4.

CSIR-IGIB intends to create an affordable indigenous software usable for quantifying lung fibrosis on high resolution computed tomography (HRCT), comparable to existing foreign software like CALIPER that is used to assist radiologists in reporting HRCT images.

Towards this CSIR-IGIB has developed datasets and trained machine learning algorithms. The algorithm need to be packaged and validated by some one experience in development of similar products, to make it usable by Health care Institutions and Hospitals.

To meet this goal, CSIR-IGIB is looking for industrial ^{partner} with experience in packaging, validating and marketing software product for automated lung radiology analysis in the Indian market.

ABOUT CSIR INSTITUTE OF GENOMICS AND INTEGRATIVE BIOLOGY (CSIR-IGIB)

CSIR-Institute of Genomics & Integrative Biology (IGIB) is a premier Institute of Council of Scientific and Industrial Research (CSIR), engaged in research of national importance in the areas of genomics, molecular medicine, bioinformatics, proteomics and environmental biotechnology directed towards affordable health care.

Interested companies/ organisations are requested to send an EOI indicating their willingness to participate in further discussions by email ID: director@igib.res.in with copy to pbansal@igib.res.in, and s.sivasubbu@igib.res.in.