Department of Genetics
University of Delhi South Campus
New Delhi- 110021

e-tender for Demographic Analytics and Cost Benefit Analysis of data from – Newborn Screening for Inborn errors of metabolism

UDSC/GEN/BKT/NBS/2017 **July 13, 2017**

A SERB funded project for Newborn Screening (NBS) for Inborn Errors of Metabolism (IEM) has generated big clinical and epidemiological data set for over two lakh newborns screened over a two year period.

E-tender is invited from companies/service providers registered in India with experience and expertise for the following data analysis: Technical and financial bids should be submitted separately through CPP Portal (tender available on CPP Portal)

1. Analytics of the huge demographic/epidemiological data to understand, infer and obtain ready reference details for the study cohort ; and

2. Cost Benefit Analysis of NBS to assess its utility to be possibly considered for inclusion as a public health programme in our country and to share the same with the necessary governmental agencies for enabling policy decisions on NBS in our country.

Technical and financial bids should be submitted separately through CPP Portal.

Following are mandatory requirements to apply for this tender:

1. The applicant firm should have prior experience of big data analysis (supported by relevant document(s)/previous work order(s)). Testimonial from prior client(s) would be essential.
2. The applicant firm should be registered in India.
3. The analytics needs to be provided as a software solution in form of web-application, which can be deployed on servers of University of Delhi South Campus with URL having domain of the university only. The analytics should be accessible by anyone through internet, without any need to login/signup.
4. There should not be any annual cost for the software solution.

5. The software solution should be built using open source components only and complete source code should be handed over to University of Delhi South Campus after project completion.
6. The software solution should be capable of doing spatial, temporal and statistical analysis of the huge epidemiological data simultaneously. Moreover, it should be able to answer all queries in real-time through the analysis.
7. The software solution should be responsive for all screen sizes.

Other mandatory conditions

- Data analysis should be completed within six weeks after award of the job.
- Hands-on training/Help to access/visualise the data should be provided to the client over a one-year period after completion of the job.
- A detailed project report with results represented in text format and in best possible graphic modes should be submitted on completion of the job.
- Weekly reports on work progress should be submitted to the client to ensure effective monitoring and necessary client-company interactions.
- Payment will be made only on satisfactory completion of the project.

PLEASE NOTE:

The selection of the firm for the above mentioned service will be based on a two bid system. Commercial bids of only those vendors who clear the technical specifications will be opened and vendor quoting the lowest price, will be awarded the job.

Compliance sheet mentioning each of the points specified in the tender should be provided with the two component bid.

ONLY ONLINE SUBMISSIONS (AND NOT HARD COPIES) OF THE BIDS WILL BE CONSIDERED

B.K. THELMA, Ph.D
Professor
Department of Genetics
University of Delhi, South Campus
New Delhi-110021