

Ref.no. PDB/PC-533/2016/FTS#379198

December 5, 2018

REQUIREMENT OF QUOTATION

The sealed quotations are invited from reputed companies/authorized dealers/distributors for the following outsourcing facility (LC/MS) at Multidisciplinary Centre for Advanced Research and studies (MCARS), Jamia Millia Islamia, New Delhi-110025.

S. No.	Name of Item (outsourcing facility)	Qty
1	LC/MS services	20*

* Total 20 samples need to be analyzed. Technical specification for the required facility is attached.

Last date to submit the quotation is December 12, 2018, 5:00 PM at MCARS's office.



05/12/18

(Director, MCARS)

Technical specification of LC/MS proteomics services

Online bids for LC-MS proteomics service are invited to undertake following services

Total proteome analysis of *E. coli* from total 20 Samples.

Following services should be provided;

A. Sample Preparation:

1. Protein (10-20 µg) will be provided in liquid form, which shall be followed by Trypsin treatment.
2. Peptide separation and removal of impurity

B. Label free quantification of Peptide using LC/MS

1. This shall be done using best Mass Spectroscopy machine

C. Data Analysis

1. Peptide identification
2. Peptide details shall be provided in a table format, including position on genome
3. Differential Proteome analysis
4. Statistical analysis as well as help in plotting the data

Vendor shall provide efficient service as well as comprehensive support in sample preparation as well as data analysis.


05/12/18