

Call for tenders' details

Title: Supply, Installation, Training and Maintenance of an Ultra High Performance Liquid Chromatography (UPLC) System Coupled to a Quadrupole Tandem Mass Spectrometer

Start date: 01/07/2019

Time limit for receipt of tenders: 04/09/2019

Contracting authority: European Commission, Joint Research Centre - Geel (JRC-GEE)

Status: Closed

Call for tenders question list

#	Submission date	Publication date	Question subject	Question	Answer
1	17/07/2019 11:08	22/07/2019 11:20	Mandatory technical requirements	The technical specifications require a number of mandatory technical requirements under header 4. There is a table presented requesting to provide proof in the tender of technical compliance for the elements/features listed. Is it allowed to deviate from some elements/features mentioned in the technical specifications?	22/07/2019 No, that is not allowed. The instruments must meet all mandatory technical requirements listed in the technical specifications.

Call for tenders questions summary

#	Submission date	Publication date	Question subject	Question	Answer
2	21/08/2019 11:43	27/08/2019 17:06	Mandatory Technical requirements- UPLC-DAD	You request a Lightpipe flow cell for the DAD and a pressure limit of 65 bar for the flow cell. However, Current Lightpipe flow cells are rated up to 60 bar as you expect pressure at the DAD to be well below 60 bar. Is this an issue or will the current Lightpipe flow cell be accepted?	27/08/2019 Our need is for a DAD with performances currently common on the market. Since indeed the pressure at the DAD is expected to be well below 60 bars the technical specifications have been adapted to a pressure limit of at least 50 bars in order to match what is available on the market.

Call for tenders questions summary

#	Submission date	Publication date	Question subject	Question	Answer
3	21/08/2019 11:49	27/08/2019 17:08	Mandatory Technical Requirements- Triple Quadrupole Mass Spectrometer	A triple quadrupole mass spectrometer is asked for, but in the technical requirements it is also stated "maintaining a mass accuracy of 1 ppm using internal standard", "mass accuracy must be better than 5 ppm in routine operation using an external calibration and better than 1 ppm using an internal standard" and Mass resolution of MS2 must be greater than 20,000". These requirements are not feasible with a triple quadrupole system but require a High Resolution Mass Analyser as MS 2 (TOF, Orbitrap,...). So what instrument are you looking for: a High resolution Mass Spectrometer or a Triple Quadrupole Mass Spectrometer?	27/08/2019 Our need is for a triple quadrupole mass spectrometer; the technical specifications mentioned in the question above may indeed introduce a doubt and have therefore been modified to exclusively focus on triple quadrupole specifications as follows: "Linear dynamic range of peak areas must be better than 3 orders of magnitude when monitoring the most abundant ion. Mass assignment will be within ± 0.1 Da over a 24 hour period. Mass resolution of MS1 and MS2 should be ± 0.4 Da FWHM."

Call for tenders questions summary

#	Submission date	Publication date	Question subject	Question	Answer
4	21/08/2019 11:53	27/08/2019 17:10	Mandatory technical Requirements-triple quadrupole MS-advanced scan functions	The requests for "An appropriate feature that allows to automatically select lock masses for accurate mass experiments"; and for "isotopic scan capability to automatically perform MS/MS when a user-defined isotopic pattern is detected"; need a High Resolution Accurate Mass System, not a Triple Quadrupole System. What system do you want to purchase, a triple quadrupole MS or a HRAM MS (than it isn't a triple quadrupole system)?	27/08/2019 We want to purchase a triple quadrupole system. The requirements mentioned in the Q3 have therefore been deleted from the technical specifications. Furthermore in the advanced scan functions, the technical specification "The instrument must be able to acquire a data-dependent scan based upon all kinds of scanning preceding survey scans. It must also be able to switch ion polarity of the data-dependent scan." has been modified in "The system must be able to switch ion polarity in 25 ms or less."

Generated on the 24/01/2021 18:05:05 - Generation time 5 ms