

Minutes of the Pre-bid Meeting

Minutes of the International Competitive Bidding (ICB) Pre-Bid Meeting for Procurement of scientific equipment for NCSCM, Chennai, held on 27.12.2013, 11.30 AM, at the Conference Hall of NCSCM, Chennai.

Members Present:

1. Dr.B.R.Subramanian, Senior Scientific Consultant, NCSCM – Chairman
2. Dr. D.Chandramohan, Senior Scientific Consultant, NCSCM
3. Dr. Purvaja Ramachandran, Scientist G, NCSCM
4. Dr. R. Murugesan, Scientific Officer, SAIF, IIT Madras
5. Dr. V. Kannan, Former Head, Environmental Survey Laboratory, BARC, Kalpakkam, Tamil Nadu
6. Dr. Robin R.S, Scientist C, NCSCM
7. Dr. Dipnarayanan Ganguly, Scientist C, NCSCM
8. Dr. Gurmeet Singh, Scientist C, NCSCM
9. Mr. Pradeep Tripathy, Procurement Specialist, NCSCM

Representatives of Participating Firms:

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|--------------------------|----------------------------------|
| 1. Dr. Z.Abid | M/s. Agilent Pvt Ltd |
| 2. Mr. Padmanabhan | M/s. Agilent Pvt Ltd |
| 3. Mr. M. Sekar | M/s. Thermofisher Pvt Ltd |
| 4. Mr. R.K. Bashyam | M/s. Thermofisher Pvt Ltd |
| 5. Mr. Arun Prakash. K | M/s. Toshvin Analytical Pvt. Ltd |
| 6. Mr. A.U. Ravichandran | M/s. Toshvin Analytical Pvt. Ltd |

The pre-bid meeting was held under the chairmanship of Dr.B.R.Subramanian, Senior Scientific Consultant, NCSCM, Chennai. The Chairman welcomed all participants to the meeting.

The participants were invited to present their queries for the various instruments for which tender were called for. In response to the queries and suggestions made by the prospective bidders, the response is appended as Annexure-A.

The prospective bidders were invited to participate in the bidding process after careful consideration to provisions of the bid document published and possible amendment subsequent to the present pre-bid meeting.

Queries and Clarifications made during Pre-BID meeting held for Procurement of Scientific Equipment for NCSCM, Chennai, on 27/12/2013

Sl. No.	Particulars	Queries	Clarification/ Response
Lot 1. Gas Chromatography (GC with FID and ECD) - Coupled with Mass Spectrometry			
1.	Name of the instrument	In this technical specification of instrument it is mentioned as 'Gas Chromatography (GC with FID and ECD) - Coupled with High Resolution Mass Spectrometry HRMS.Can it be changed to Gas Chromatography (GC with FID and ECD) - Coupled with Mass Spectrometry. Can it be changed to Gas Chromatography (GC with FID and ECD) - Coupled with Mass Spectrometry	Please refer to Amendment
2.	Auto sampler:	In this technical specification of instrument it is mentioned as 'Provision to install two or more columns (packed and capillary columns) with necessary adapters. Can it be changed to Provision to install two or more capillary columns.	-do-
3.	In Technical specifications	In this technical specification of instrument it is mentioned as 'Provision to use both i) packed and ii) capillary columns [50, 100, 250, 320 microns and above]' Can it be removed.	-do-
4.	In Technical specifications	In this technical specification of instrument it is mentioned as 'Possible to program 15 temp ramps (16 plateaus) or better '. We request you to amend the Possible ramp: 9 ramp or better: Plateau: 10 or better.	No change in specification as the requirement is based on the nature of our specific study.
5.	In Technical specifications	In this technical specification of instrument it is mentioned as '15 EPC/PPC channels for inlets, detectors or auxiliary gases or more'. We request you to amend the 12EPC/PPC channels for inlets, detectors or auxiliary gases or more.	No change in specification as the requirement is based on the nature of our specific study.
6.			
7.	In Technical specifications	In this technical specification of instrument it is mentioned as 'Headspace Auto sampler with vial capacity of 15 vials or more. The system should be upgradable to 100 vial or more capacity.Autosampler should be capable of handling large volume injection with syringe size from 0.5 µl to 250 µl. Auto sampler should be upgradable with bar code reader, dilution, vortex, heating capability'. Can it be changed to Auto sampler with 2 ml vial capacity of 100 vials or more. The system should be upgradable to 100 vial or more capacity.	-do-

Sl. No.	Particulars	Queries	Clarification/ Response
8.	In Technical specifications	In this technical specification of instrument it is mentioned as 'Headspace sampler (Head Space injector) ' Can it be removed.	-do-
9.	In Technical specifications	In this technical specification of instrument it is mentioned as 'Sampling method: Pneumatic and pressure-balanced sampling Sample thermostat needed Compatible with the supplied GC model as well as higher versions'. Can it be removed.	-do-
10.	In Technical specifications	(New addition) "To incorporate direct insert mode to inject samples directly in to the mass spectrometer".	(New addition)
11.	In MS Specification	In this technical specification of MS it is mentioned as 'Quadrupole temperature: 150 to 190o C. Quadrupole should be heated to keep quadrupole clean for a longer period'. Can it be removed.	Please refer to Amendment
12.	In MS Specification	In this technical specification of MS it is mentioned as 'Ionization energy range: 5 to 220eV'. Can it be changed to Ionization energy range: 5 to 70eV or above.	-do-
13.	In MS Specification	In this technical specification of instrument it is mentioned as 'Ionization current range: 1 to 315µ A'. We request you to Kindly remove this point.	-do-
14.	In MS Specification	In this technical specification of instrument it is mentioned as 'EI scan sensitivity and is a must parameter to demonstrate atleast: ~1500:1 S/N for 1 pg OFN scanning from 50-300 amu at nominal m/z 272 ion. '. We request you to amend the EI Scan sensitivity S/N Ratio ≥800 for 1µL injection of pg/µL OFN for full mass range. CI Scan Sensitivity S/N Ratio PCI ≥ 800 with benzophenone.	No change in specification as the requirement is based on the nature of our specific study.
15.	In MS Specification	In this technical specification of instrument it is mentioned as ' The mass spectrometer shall have the capability to create a 90 SIM ion groups with up to 45 ions per group or more.' We request you to amend the mass spectrometer shall have the capacity to create a 32 SIM ion group.	No change in specification as the requirement is based on the nature of our specific study.
16.	The GC-MS system should be quoted with the following capabilities:	In this technical specification of GC-MS it is mentioned as "Replacement of GC column without venting MS vacuum which results in elimination of GC/MS downtime'. Can it be removed	Please refer to Amendment
17.	The GC-MS system should be quoted with the following capabilities:	In this technical specification of GC-MS it is mentioned as "Splitting of one column effluent with software controlled flow so that both detectors have the same relative standard deviation (RSD). The device should have pressure controlled carrier flow and should be controlled by software'. Can it be removed?	-do-

Sl. No.	Particulars	Queries	Clarification/ Response
Lot 2. UV-VIS Spectrophotometer			
18.	In Technical specifications	In this technical specification of UV-VIS Spectrophotometer it is mentioned as 'Dual Beam optics'. Can this be changed to ' Double Beam optics ' ?	Please refer to Amendment
19.	In Technical specifications	In this technical specification of UV-VIS Spectrophotometer it is mentioned as '0.2 to 5.0 nm '. Can this be changed to ' 0.2 to 4.0 nm or better variable bandwidth ' ?	-do-
20.	Detectors	In this technical specification of UV-VIS Spectrophotometer it is mentioned as 'Matched dual silicon photodiode detectors '. Can this be changed to ' Photomultiplier Detector (PMT) ' ?	-do-
21.	Detectors	In this technical specification of UV-VIS Spectrophotometer it is mentioned as 'Matched dual silicon photodiode detectors '. Can this be changed to ' Photomultiplier Detector (PMT) ' ?	-do-
22.	Wavelength Scanning speed	In this technical specification of UV-VIS Spectrophotometer it is mentioned as 'Wavelength scan rate: about 0.5 nm/min to 3500 nm/min'. Can this be changed to ' Wavelength scan rate: about 0.5 nm/min to 3000 nm/min and above. ' ?	-do-
23.	In Technical specifications	In this technical specification of UV-VIS Spectrophotometer it is mentioned as ' Accessories'. Can this be changed to ' Essential Spares ' ?	-do-