

Pre-bid meeting minutes regarding Purchase of ICPOES equipment

Date- 31, October 2022 Time 3:00 pm to 4 pm

Venue: - Administrative/Purchase department of Vasantdada Sugar Institute, Manjari (Bk), Pune

List of Participants

	Name	Organization
1	Sanjay Rakh and Anand Patil	for Lab India
2	Niraj Upadhyay	SPECTRO Analytical Instruments- supplier C. Abhaykumar and Company
3	Nilesh Sandbhor	for Analytical Gena
4	Rabi Shankar Sahoo	for Perkin Elmer
5	Santosh V. Hagawane	for Thermo fisher Scientific
6	Dr. Vivak Patil and Dr. Hemlata Hingane	Department of Environmental Sciences, Vasantdada Sugar Institute
7	Mr. Gurav	Internal Audit Offer, Vasantdada Sugar Institute
8.	Mr. Chaitanya Zanzurne	Purchase Section, Vasantdada Sugar Institute

Following points were discussed in the Pre-bid meeting

<p>Queries of Lab India</p> <ol style="list-style-type: none"> 1. Query related to spectral range (165/170-1100nm) was raised by Sanjay Rakh and Anand Patil They are having equipment with higher spectral range up to 1100nm hence suggested to modify spectral range up to 1100nm 2. Date of extension of Tender Submission 	<p>The given range covers the broad spectrum so all venders could participate in the tender. During discussion, it was communicated by Lab India that the equipment they are planning to quote covers the specification range and beyond. Therefore, primarily there is no problem observed.</p> <p>As per the discussion in the pre-bid and request from all venders for extending tender last date, the institute is likely to consider the same. Final decision for the date extension will be communicated to all participants after approval for the same by Director General of VSI.</p>
<p>Queries of SPECTRO Analytical Instruments Amendment in the following point (suggestions are given here in the Italics)</p> <ol style="list-style-type: none"> 1. The instrument must be simultaneous/hybrid simultaneous DUAL or <i>MULTI VIEW</i> (Radial and Axial) for fast sample analysis. Viewing system must be computer controlled. 	<p>In this case, the supplier must justify how it is equivalent to simultaneous. Also, need to define multi-view. Information related to the same must be included in the offer so as to consider it on technical basis. There is no need of change of specification observed at this juncture.</p>

<p>2. The instrument must be equipped with poly-chromaters or equivalent technology based spectrometer for the best accuracy and precision.</p> <p>3. The instrument optical warm up time should be as minimal as possible (preferably not more than 15-20 minutes from <i>complete switch off after a holiday or Monday morning to analysis start</i>). <i>This includes the analysis of elements <200m</i></p> <p>4. System should be equipped with MFC/Electronic flow controllers for precise control of variable gas flow rate for the flexible operation Safety feature such as auto-shutdown of plasma in case of failure of interlock/gas supply or any other similar technical reasons All gas flow including auxiliary, plasma gas, nebulizer and any other should be variable and user should have flexibility to optimize it as per his requirement– with mass flow control <i>or electronic flow controllers</i>.</p> <ul style="list-style-type: none"> • Argon gas flow – appropriate to minimize its consumption and reduce operational cost - Preferably not more than 12-14L/minutes • <i>Total gas consumption (includes argon and auxiliary or purge gas or any other) should be as low as possible preferably <15 l/Min</i> System must by fully interlocked against gas failure <ul style="list-style-type: none"> • The spectrometer must cover spectral range of at least 130 to 770 nm or better with capability of measuring UV wavelengths without any compromise on sensitivity. System should be able to analyze all 	<p>Please specify the technology for quoted model (wrt chromators) and briefly justify the same. It will enable us to consider accordingly</p> <p>The instrument warm up time should be 15 to 20 min. from dead condition for example complete switch off the instrument on weekend and its restart on the next week. There is no need of change of specification observed at this juncture.</p> <p>Whichever is applicable to your equipment should be reflected in the offer. There is no need of change of specification observed at this juncture.</p> <p>The Institute has given its requirement for total gas consumption in the specifications. Suppliers are expected to mention the gas consumption for the quoted equipment as applicable. And it should reflect in the offer. There is no need of change of specification observed at this juncture.</p> <p>The query observed similar to the above one raised by Lab India representative, It is already answered. We request the supplier that, the equipment you are planning to quote covers the given range or beyond, you can mention in the offer.</p>
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<p>5. Query Related to 21 CFR Software, Computer System and UPS. The supplier insisted to include this in the specifications.</p> <p>6. For purging gas it should be using N2/Ar cylinder and not through N2 generator.</p>	<p>The specific 21 CFR software and other accessories (Computer and UPS) nowhere mention in the tender specifications. Samples analysed in the Institute are not related to FDA or US Pharmacopeia. Therefore, such requirement is not observed in the near future. There is no need of change of specification observed at this juncture. Software and accessories compatible for quoted equipment should be reflected in the offer.</p> <p>We understand that, each of the equipment having its own specific purge gas requirement. Therefore, whichever is applicable to your equipment should reflect clearly in the offer.</p>
<p>Suggestions from supplier of Analytical Gena</p> <p>1. The instrument must be simultaneous/<i>hybrid simultaneous</i> DUAL VIEW (Radial and Axial) for fast sample analysis. Viewing system must be computer controlled. Query – Vendor not understand the hybrid simultaneous means exactly what customer is expecting</p>	<p>In this case, the supplier must justify how it is equivalent to simultaneous. Information related to the same must be included in the offer so as to consider it on technical basis</p>
<p>Suggestions from supplier of Thermo fisher Scientific</p> <p>1. The instrument must be simultaneous/<i>hybrid simultaneous</i> DUAL VIEW (Radial and Axial) for fast sample analysis. Viewing system must be computer controlled. Query – Vendor not understand the hybrid simultaneous means exactly what customer is expecting</p> <p>2. The instrument must be equipped with poly-chromators or equivalent technology based spectrometer for the best accuracy and precision.</p> <p>3. Regarding spectral wavelength vendor suggested to modify range up to 850nm</p>	<p>This point is similar to the query raised by suppliers of Analytica Gena In this case, the supplier must justify how it is equivalent to simultaneous. Information related to the same must be included in the offer so as to consider it on technical basis</p> <p>Please specify the technology for quoted model (wrt chromators) and briefly justify the same. It will enable us to consider accordingly</p> <p>While finalizing the specifications the institute tried to cover broad spectral range. This range is available with most of the renowned equipment. Therefore, all vendors could participate in the tender. There is no need of change of specification observed at this juncture.</p>

<p>Suggestions from supplier of Perkin Elmer</p> <ol style="list-style-type: none"> 1. The instrument optical warm up time should be as minimal as possible (preferably not more than 15-20 minutes <i>from complete switch off after a holiday or Monday morning to analysis start</i>). 2. 21 CFR software 3. Vendor suggested to add Instrument equipped with Spectrometer dual monochromator 	<p>The instrument warm up time should be less than 15 to 20 min. from dead condition for example complete switch off the instrument on weekend and its restart on the next week.</p> <p>Samples analysed in the Institute are not related to FDA or US Pharmacopeia. Therefore, such requirement is not observed in the near future. There is no need of change of specification observed at this juncture. Software and accessories compatible for quoted equipment should be reflected in the offer.</p> <p>Please specify the technology for quoted model (wrt chromators) and briefly justify the same. It will enable us to consider accordingly</p>
<p>Note :- Each vendor is ready to supplying equipment is having features with minor variations or same uniqueness about particular equipment however VSI is willing to required ICPOES equipment that will fulfill its own requirement whereas user-friendly from operation, maintain ace cost point of view.</p>	