

SEMI-CONDUCTOR LABORATORY
S.A.S NAGAR, PUNJAB.

Clarifications provided to M/s Easy Solutions, Chennai (representing M/s Lighthouse Worldwide Solutions, USA) in response to the queries raised by them vide their email dated August 25, 2008 against SCL's Global Tender Notice ref. no. P&S/VMFD/FAC/2008/01 (Tender Ref. No.P&S/2008/FAC/02) for the equipment namely On-line Optical / Laser Particle Counter.

The following is the record of the queries raised by M/s Easy Solutions, Chennai and the clarifications provided:

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| a) | <p><u>Query:</u> The tender calls for sample flow rate/sample volume to be > 3 ml/min. This is sample flow rate not sample volume. What sample volume are you looking at</p> <p><u>SCL's Response:</u> The Sample Flow/Volume specified as > 3 ml/min is the rate at which the water sample is to be analyzed.</p> |
| b) | <p><u>Query:</u> The sample fluid pressure spec says 80 psi (max.). This has been copied from some spec and that instrument can only handle 80 psi. All current units be it Lighthouse/Met One/PMS all can handle at least 100 psi. The word "Max" is therefore erroneous as you should not have any issues if the unit can handle up to 200 psi.</p> <p><u>SCL's Response:</u> The working Pressure specified as 80 psi (max.) has been dictated by the line pressure from where the sample is to be drawn, and has not been copied from some specs. The observation is thus uncalled for and regrettable. If the proposed analyzer is capable of handling upto 100 psi or more pressure and can also analyze samples at < 80 psi pressure, there is no issue.</p> |
| c) | <p><u>Query:</u> The communication spec calls for RS-232/RS 485 modbus interface so as to connect to a facility monitoring system. Most new facility monitoring systems use an OPC server or a MODBUS interface. Do you have a facility monitoring system. If yes, then please confirm what is the interface available there. Do also mention the make and model.</p> <p><u>SCL's Response</u> Specifications for Communication as per the RFP are maintained.</p> |
| d) | <p><u>Query:</u> The spec calls for alarm to be user settable. The spec given is for a dry contact. Does this mean that you the user will buy the alarm locally or do you want us to quote for it.</p> <p><u>SCL's Response:</u> RFP is very clear. Potential free contacts for alarm (2NO+2NC) are to be provided.</p> |

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| e) | <p><u>Query:</u> The spec calls for an alpha numeric display. Except for Met One which has a small LED display, all others have only external display. We cannot give you a built-in display. Is this an issue.</p> <p><u>SCL's Response</u> External display is acceptable.</p> |
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GENERAL COMMENT:

The prospective bidders must take the responses/clarifications as recorded herein into account while submitting the proposal to SCL.

Sr. Head, Purchase & Stores