

**SEMI CONDUCTOR LABORATORY  
SAS NAGAR**

SUB: Minutes of the Pre-bid meeting held on 22<sup>nd</sup> September 2107 at SCL for the "Electrical works in Auditorium Building at Semi-Conductor Laboratory (SCL), S.A. S. Nagar"  
Tender number: SCL/PSS/2017000756.

The queries of the parties/firms and the clarifications/ responses provided by SCL are tabulated below.

1. M/s EMCO Switchgears:

Sr.	Clause Reference of Tender	Page#	Party/firm's Query/clarification	Party/firm's Comments	SCL's Response/clarification
<b>A</b> Technical Specifications					
1	Annexure 1 Electrical Panel Specification	16	Fault level not specified for bus-bar.	Please Specify the fault level for bus bars	Fault level shall be 50kA for 1 second.
2	Annexure 1 Electrical Panel Specification	18	What is the scope of vendor in installing SCADA compatible meters?	Please clarify about communication protocol and termination of communication cable.	All meters to use RS-485 protocol. Communication port to be wired up to TB with screened cable
3	Annexure 1 Electrical Panel Specification	16	Material of shrouds in PCCs	please specify the material	Acrylic/Polycarbonate sheet is acceptable.
4	MCBDB	9	Thickness of the sheet steel of the DBs shall be 16 SWG	Specified Legrand Flexi DBs are available in 20 SWG sheet steel	Sheet steel of DBs shall be minimum 18 SWG.

2. M/s Grewal Electricals:

Sr.	Clause Reference of Tender	Page#	Party/firm's Query/Clarifications Sought	Party/firm's Comments	SCL's Response
<b>A</b> Technical Specifications					
1	G. Cables, wire, conduit, earthing, Switchboards, Switches/Sockets etc.	9 60	Colour of cable tray not specified Thickness of cable tray not specified	Choice of colour may be decided by the vendor Please specify whether to use industry standard 2mm thickness or custom thickness.	Colour shall be Siemen Grey RAL 7032 Thickness shall be minimum 2mm.

3. M/s Chandigarh Electricals:

Sr.	Clause Reference of Tender	Page#	Party/firm's Query/Clarifications	Party/firm'sComments	SCL's Response
<b>A</b>					
<b>Annexure 3 Technical Drawings</b>					
1	Lighting Scheme plan for Auditorium	3	Conduit layout is not given in Drawings	Please give the full layout of all the conduits.	Party's / firm's scope, part of detailed engineering as specified in the tender document.
	Power Point Scheme for Auditorium	4			
	Smoke Detection Scheme for Auditorium	5			
2	Power Point Scheme for Auditorium	4	AC/MCP points are mentioned on RCC Pillars.	Mounting boxes cannot be concealed on the concrete pillars as it is very hard to cut.	Location is indicative, shall be finalized during detailed engineering by the selected party/firm.
	Smoke Detection Scheme for Auditorium	5			
3	Lighting Scheme plan for Auditorium	3	Conduiting cannot be done on pillars.	Conduiting for MCP and some AC points involves cutting of RCC pillars.	As above.
	Power Point Scheme for Auditorium	4			
4	Smoke Detection Scheme for Auditorium	5	Chasing problem on pillar	Same as above	As above.
	Same as 1,2,3 above	as above			
5	Same as 1,2,3 above	as above	Earth pit location not shown	Please specify the location of earth pit for electrical panels and equipments.	Shall be finalized during detailed engineering by the selected party/firm..
	Network And Raceway Layout	13			
7	Network And Raceway Layout	13	Raceway on Beams	Some raceways are routed through beams.	Raceways are not routed through beams.
	Lighting Scheme plan for Auditorium	3			
	Power Point Scheme for Auditorium	4			
7	Smoke Detection Scheme for Auditorium	5	Route of Main cable is not mentioned either in cable tray or Cable Trench.	Please specify the route for main cables.	Shall be finalized during detailed engineering by the selected party/firm.
	Smoke Detection Scheme for Auditorium	5			
<b>B</b>					
<b>General Query</b>					

		Lighting and Point wiring to be done after false ceiling work	Please confirm lighting and power point in areas of false ceiling to be done after completion of false ceiling works.	In false ceiling areas, Conduit / wiring shall be done before false ceiling work and Luminaries are to be provided after false ceiling work. Selected party/firm shall execute the work in close co-ordination with the building contractor as per the progress of civil works.
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4. M/s HST Enterprises:

The party stated that all their queries have got answered from SCL's responses to the queries of other parties/firms during the meeting, and have no further query/ clarification to seek from SCL.

- The above parties/ firms also visited the site of work and got fully acquainted with the site conditions and the present status of ongoing civil works.
- SCL impressed upon submission of the bids by the due date i.e. 6<sup>th</sup> October 2017 11.00 AM, which was agreed to by all of firms/parties.
- All the firms/parties expressed satisfaction over the responses/clarifications provided to their queries by SCL.

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