**MINUTES OF PRE BID MEETING**

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| **Venue** | **:** | **HLL Lifecare Limited, Akkulam** |
| **Project** | **:** | SUPPLY, ERECTION, VALIDATION & COMMISSIONING OF CLASS 10000 CLEAN ROOM |
| **Date of the meeting** | **:** | **06th March 2017** |
| **Time** | **:** | **11. 00 AM** |
| **Attendees** | **:** | **See the list of attendees** |
| **Venu** |  | **HLL Lifecare Limited, Akkulam Plant, Thiruvananthapuram** |
| **Issued by** | **:** | **HLL Lifecare Limited** |
| **Issued on** | **:** | **07th March 2017** |

The tender Document, Drawings & Bill of quantities were presented by M/s HLL & the consultant M/s Alex Cyriac Associates.

The following points were discussed and firmed during the meeting.

| **Sl. No.** | **Points of Discussion** |
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|  | The chilled water line will be of GI Pipe as mentioned in the BOQ |
|  | The PVC piping to be insulated with nitrile rubber as mentioned in the tender. |
|  | All ducting should be aluminium only. |
|  | Wall panel & ceiling panel are pre coated |
|  | Plenum box should be factory fabricated and same has to be ensured with the manufactures |
|  | Thickness of the walk able false ceiling has been reduced to 60mm instead of 100 mm in the BOQ |
|  | Wall panel skin thickness changed to 0.60 mm instead of 0.5mm |
|  | Make for clean room ceiling – Parties can submit the alternate make and same shall required approval from client & consultant side |
|  | Profile for connecting the ceiling panels should be aluminium |
|  | Double door size may be 25% : 75% portioned and same should suit the site condition. |
|  | Coving for ceiling – should be considered aluminium coving instead of gypsum coving in the BOQ |
|  | Single glass emergency exit – should be two partition instead of 4 mentioned in the BOQ |
|  | Epoxy Wall painting: (100 microns) epoxy for which two layers of putty need to be included |
|  | All electrical panels are indoor type only |
|  | Minimum 250 Lux level need to be maintained in the clean room |
|  | **Payment terms**:  For installation, the payment terms has changed as below   1. 70 % of the payment shall be released based on pro rata basis 2. Balance 30% will be released against satisfactory commissioning of the project certified by HLL authorities. |
|  | Earnest Money Deposit (EMD) may be submitted as BG also |
|  | Last date for the submission of bids has extended up to 20/03/2017 at 3.00 PM |
|  | Parties has requested to provide the revised BOQ in aspect of taxes like Excise Duty, CST/VAT , Service Tax etc  **Revised BOQ is attached along with this minutes** |
|  | Henceforth, this minute of this pre-bid meeting will be part of the original tender Document. |

**LIST OF ATTENDEES**

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| **SL NO** | **COMPANY/ DESIGNATION** |
| 1 | M/s Comfair , Kochin |
| 2 | M/s Cleanroom Containments, Hyderabad |
| 3 | M/s Mak Clean Air Systems Pvt Ltd, Hyderabad |
| 4 | M/s SRP, Bangalore |
| 5 | M/s Birdcell, Kochin |
| 6 | **HLL Lifecare Ltd**   1. GM (O) & Unit Chief 2. JGM (Materials) 3. DGM (QA&P) 4. SM (F) 5. SM (Mtls) 6. SM (Projects) 7. DM (Projects) |
| 7 | **Alex Syriac Associates**   1. Kurian Joseph Alex (ED) 2. Sarath Kumar (Project Engineer) |