

All Bidders

Amendment -III

Subject: Supply , Installation, Testing & Commissioning of CSSD at Indian Institute of Technology (IIT), Kharagpur.

IFB No. : HSCC/SES/CSSD/IIT-Kharagpur/2018 dated 20.02.2018

This has reference to above IFB.

The following Amendment may be noted which shall be treated as part of the tender document and to be submitted duly signed & stamp along with tender.

| Sr. NO. | Bidders' Queries | Reply |
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| 1 | <p>HORIZONTAL DOUBLE DOOR AUTOCLAVE 550-600 Litres (8 STU) WITH ACCESSORIES & STERILIZER 150 – 200 L WITH ACCESSORIES FOR TSSU HWHEREVER APPLICABLE</p> <p>Point (c)</p> <p>4. Electrical Components:</p> <p>(g) Alarms:</p> <p>The system should perform a self-diagnosis and check the autoclave for the following alarms and it should be audio/visual as per EN 285</p> <ol style="list-style-type: none"> 1. minimum/maximum sterilization temperature alarm, 2. no supply voltage/Power failure alarm, 3. no generator water alarm, 4. overload relay alarm, 5. no mains water alarm, 6. maximum generator water load time alarm, 7. temperature probe & Pressure Transducer fault alarm, 8. minimum/maximum chamber pressure alarm, 9. door opening residual chamber pressure alarm, 10. chamber vacuum tightness alarm, 11. maximum phase time alarm, 12. air in chamber alarm (calculated), 13. maximum time steaming, 14. maximum time vacuum, 15. maximum time for heating, 16. maximum drying phase alarm. 17. doors not properly closed alarm, 18. door open during cycle alarm, <p>Point 6 (s), 6 (t) & 8 (g) of CSSD Equipment Sr. No. 1 & 2 respectively (applicable for sought Both Sterilizer)</p> <p>(s)It should have integrated degassing system.</p> <p>(t)It should have an integrated discharge cooling device which would not discharge water of more than 70 degree C The system should ensure that no liquid discharge should be of more than 70 deg C.</p> | <p>The range of alarms include :</p> <p>Chamber high pressure</p> <p>Low water level in generator</p> <p>Generator high pressure</p> <p>Chamber Pt100 temp. sensor error</p> <p>Generator high temperature</p> <p>Water pump operation time out</p> <p>SELF DIAGNOSTIC PROGRAM</p> |

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| | <p>Request for ‘AMENDMENT’ with reason Details points need to ‘Deleted’ for simplicity of users. In substitute of that we can add Automatic process checking and failure corrections are provided with the Siemens control system. In the event of an anomaly during the sterilization cycle, the process enters an alarm phase which safely and automatically will end the process automatically.</p> <p>The range of alarms include : Chamber high pressure Low water level in generator Generator high pressure Chamber Pt100 temp. sensor error Generator high temperature Water pump operation time out SELF DIAGNOSTIC PROGRAM Siemens features a comprehensive alarm/alert system, with automatic triggering of pre-programmable information alerts(service intervals, maintenance etc).</p> | |
| 2. | <p>Point 6 (s), 6 (t) & 8 (g) of CSSD Equipment Sr. No. 1 & 2 respectively (applicable for sought Both Sterilizer) (s)It should have integrated degassing system. (t)It should have an integrated discharge cooling device which would not discharge water of more than 70 degree C The system should ensure that no liquid discharge should be of more than 70 deg C.</p> <p>Request for ‘AMENDMENT’ with reason These two points need to be ‘Deleted’ Reason: Not applicable for Sterilizer</p> | <p>s) Deleted t) Deleted</p> |
| 3. | <p>DOUBLE DOOR WASHER DISINFECTOR 300-360 Litre (10/15 DIN Trays) WITH ACCESSORIES Point No. 2 The unit shall be suitable for electrical operation and would be complete with two water circulation pump of minimum 800-1200 litre/minute with sufficient capacity, two dryer blower pump, necessary valves & fittings.</p> <p>Request for ‘AMENDMENT’ with reason</p> <p>It should read as below: The unit shall be suitable for electrical operation and would be complete with One water circulation pump of minimum with capacity, dryer blower pump, necessary valves & fittings.</p> | <p>The unit shall be suitable for electrical operation and would be complete with One water circulation pump of minimum with capacity, dryer blower pump, necessary valves & fittings.</p> |
| 4 | <p>Point 5 m) It should have provision for barcode tracking/Rfid system, remote</p> | <p>It should have provision for remote maintenance system,</p> |

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| | <p>maintenance system, networking management system, remote connection via RS232 serial plug and data interface RS232 should be available.</p> <p>Request for ‘AMENDMENT’ with reason</p> <p>Barcode point needs to be ‘Deleted’ since Traceability is not there or asked for. This should read as below It should have provision for remote maintenance system, networking management system, remote connection via RS232 serial plug and data interface RS232 should be available.</p> | <p>networking management system, remote connection via RS232 serial plug and data interface RS232 should be available.</p> |
| 5 | <p>5. Washer should have following features: a) Should have built-In Boiler for pre-heating the water thus reducing the cycle time by 45%. It should also have the provision to work with Hospital central Steam Network and option of combining both</p> <p>Request for ‘AMENDMENT’ with reason Any one option is possible for Washer Disinfectant. Both combination is not possible So we request you to please ‘Deleted’</p> | <p>Provision to work with Hospital central Steam Network and option of combining both deleted</p> |
| 6 | <p>Point 14 ALARMS: It should be with audio-visual alarms in case of Error(s). All Alarms should be with full explanatory text messages on the Display and the system should perform a self-diagnosis and check the autoclave for all the alarms and these alarms are displayed</p> <p>Request for ‘AMENDMENT’ with reason</p> <p>Self- diagnostic / checking and alarm display is not required. This point need to be ‘Deleted’ since its stands for autoclave (which you also mentioned in sought specification). It should read as ALARMS: It should be with audio-visual alarms in case of Error(s). All Alarms should be with full explanatory text messages on the Display</p> | <p>ALARMS: It should be with audio-visual alarms in case of Error(s). All Alarms should be with full explanatory text messages on the Display</p> |

All other terms & conditions remain unchanged.

Chief General Manager, HSCC (I) Ltd.
For and behalf of Director, IIT, Kharagpur