



MINUTES OF THE MEETING

TENDER FOR SUPPLY, INSTALLATION & COMMISSIONING OF ELECTRICAL BOILER PACKAGE SYSTEM AT HLL BIOTECH LIMITED, INTEGRATED VACCINES COMPLEX, CHENGALPATTU.

Document No. : HBL/IVC/TD/MECH/ELE-BLR/2025

Dated: 06-06-2025

Venue : HLL Biotech Limited, Integrated Vaccine Complex, Chengalpattu

Date : 12-06-2025 @ 11.00 Hrs

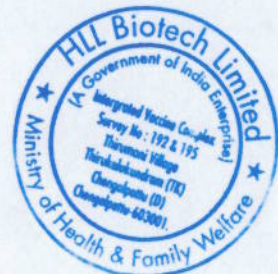
Project : Integrated Vaccine Complex, Chengalpattu

Attendees : See attached list of attendees

Issued on : 16-06-2025

Issued from : Deputy General Manager – Procurement

Agenda	
1.	Pre-bid Meeting for Supply, Installation & Commissioning of Electrical Boiler Package System at HLL Biotech Limited, Integrated Vaccines Complex, Chengalpattu.





S. No	Tender Enquiry Document: HBL/IVC/TD/MECH/ELE-BLR/2025 Dated: 06-06-2025	
1.	Clause 21.1 Payment Terms Page 33 of 80	
	As per Tender Document	Shall be read as
	<p>Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract in the following manner.</p> <p>A) Payment for Domestic Goods Or Foreign Origin Located Within India.</p> <p>Payment shall be made in Indian Rupees as specified in the contract in the following manner:</p> <p>a) On delivery at site:</p> <p>70 % of the contract price shall be paid on receipt of goods in good condition and upon the submission of the following documents:</p> <p>(i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;</p> <p>(ii) Consignee Receipt Certificate as per Section XVII in original issued by the authorized representative of the consignee;</p> <p>(iii) Two copies of packing list identifying contents of each package;</p> <p>(iv) Dispatch Clearance from Purchaser or authorized agent</p> <p>(v) Inspection certificate issued by the nominated Inspection agency, if any.</p> <p>(vi) Certificate of Country of origin.</p> <p>b) On Installation & Commissioning and Final Acceptance Certificate by Purchaser:</p> <p>Balance 30 % payment would be made against 'Final Acceptance Certificate' as per the proforma mentioned in Section XVIII of this tender document to be issued by the consignee/purchaser subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise</p>	<p>Payment shall be made subject to recoveries, if any, by way of liquidated damages or any other charges as per terms & conditions of contract in the following manner</p> <p>A) Payment for Domestic Goods Or Foreign Origin Located Within India</p> <p>Payment shall be made in Indian Rupees as specified in the contract in the following manner:</p> <p>a) On delivery at site:</p> <p>70 % of the contract price shall be paid on receipt of goods in good condition and upon the submission of the following documents:</p> <p>(i) Four copies of supplier's invoice showing contract number, goods description, quantity, unit price and total amount;</p> <p>(ii) Consignee Receipt Certificate as per Section XVII in original issued by the authorized representative of the consignee;</p> <p>(iii) Two copies of packing list identifying contents of each package;</p> <p>(iv) Dispatch Clearance from Purchaser or authorized agent</p> <p>(v) Inspection certificate issued by the nominated Inspection agency, if any.</p> <p>b) On Installation 10% payment would be made against successful installation of equipment at site</p> <p>c) Commissioning and Final Acceptance Certificate by Purchaser</p> <p>Balance 20 % payment would be made against 'Final Acceptance Certificate' as per the proforma mentioned in Section XVIII of this tender document to be issued by the consignee/purchaser subject to recoveries, if any, either on account of non-rectification of defects/deficiencies not attended by the Supplier or otherwise</p>





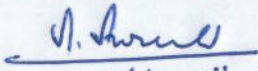
2.	Section IX Qualification Criteria Page 48 of 80	
	<u>As per Tender Document</u>	<u>Shall be read as</u>
	<ol style="list-style-type: none"> 1. The Tenderer must be a manufacturer of the tendered equipment or has to be an authorized Indian representative of the equipment manufacturer/s of the tendered equipment. (Authorized dealers or agent should submit manufacturers authorization form as per Section XIV) 2. The bidder should have minimum 5 years of proven and demonstrable experience in manufacturing and supply of Electrical boilers and must have registered in India as a boiler manufacturer with a valid certificate. (Company Registration Certificate should be submitted.) 3. The firm must have supplied, installed and commissioned at least 15 numbers of Electrical boilers of capacity in the range 600 Kg/hr. F & A 100°C during the last 5 years. (Completion certificate/purchase orders to be attached). 4. Turnover of the Tenderer must not be less than INR 15 Crore in any one of the last three financial years. Notarized copies of the Chartered Accountant certified Profit & Loss statement should be enclosed. 5. Net worth of the company should be positive during the last audited financial year. Notarized copies of the Chartered Accountant certified Balance sheet statement should be enclosed. 6. The bidder should have service Centre and service team in Tamilnadu to provide support services. (Registration of said office to be enclosed.) 7. The bidder should have experience in obtaining approval from IBR and other associated approvals in Tamil Nadu. 8. The manufacturers should have ISO 9001:2008 certificate. (Notarized copies of the certificates to be submitted.) 	<ol style="list-style-type: none"> 1. The Tenderer must be a manufacturer of the tendered equipment or has to be an authorized Indian representative of the equipment manufacturer/s of the tendered equipment. (Authorized dealers or agent should submit manufacturers authorization form as per Section XIV) 2. The firm /OEM should have minimum 5 years of proven and demonstrable experience in manufacturing and supply of Electrical boilers and must have registered in India as a boiler manufacturer with a valid certificate. (Boiler Manufacturer Certificate should be submitted.) 3. The firm/OEM must have supplied, installed and commissioned at least 15 numbers of Electrical boilers of capacity in the range 600 Kg/hr. F & A 100°C during the last 5 years. (Relevant Completion certificate/purchase orders to be attached). 4. Total Turnover of the Tenderer must not be less than INR 7.5 Crore in last three financial years. Notarized copies of the Chartered Accountant certified Profit & Loss statement should be enclosed. 5. Net worth of the company should be positive during the last three audited financial year. Notarized copies of the Chartered Accountant certified Balance sheet statement should be enclosed. 6. The bidder should have service Centre and service team in South India to provide support services. (Registration of said office to be enclosed.) 7. The bidder should have experience in obtaining approval from IBR and other associated approvals in South India 8. The manufacturers should have ISO 9001:2008 certificate. (Notarized copies of the certificates to be submitted.)





3.	NSIC & MSME Vendors are exempted from submission of both tender fees & EMD. However they need to submit the Udyog Aadhaar Memorandum Number/ Certificate along with the Technical Bid.
4.	Annexure I - Equipment Specification Data Sheet Page No: 79 of 80 <u>Revised Equipment Specification Data Sheet for Supply, Installation & Commissioning of Electrical Boiler Package System is attached to this Pre-bid MOM.</u>
5.	Closing date & time for receipt of Tender shall remain same i.e. 27.06.2025 at 15:00 Hrs
6.	Time and date of opening of Technical Bids shall remain same i.e. 27.06.2025 at 15:30 Hrs

For HLL Biotech Limited



16/06/2025

Deputy General Manager – Procurement





ANNEXURE - I

Equipment Specification Data Sheet		
HLL Biotech Limited, Chennai		
	INTEGRATED VACCINES COMPLEX, CHENGALPATTU	
	Equipment Name	Electric Boiler Package System
	Document No.	HBL/IVC/TD/MECH/ELE-BLR/2025 Dtd 06th June, 2025
1	Utility requirements	
1.1	It is used mainly for generating WFI, PSG at water system area and for Autoclave jacket heating purpose.	
2	Equipment ID	
2.1	NA	
3	Technical Specification	
3.1	Standard	IBR act (1950)
3.2	Type	Electric Steam Boiler with flanged immersion heaters
3.3	Capacity	600 Kg/hr F & A 100°C
3.4	Quantity	7
3.5	Temperature Range	170°C
3.6	Design Pressure	10.54 kg/cm ² g
3.7	Working Pressure	9.0 kg/cm ² g
4	Material of Construction	
4.1	Outer Body	SA 515/SA 516 Gr 70.
4.2	Inner Body	SA 515/SA 516 Gr 70.
5	Specific Equipment requirement	
5.1	Main steam stop valve	
5.2	Air vent / Aux. steam stop valve	
5.3	Safety valve	
5.4	Feed check valve	
5.5	Blow down valve	
5.6	Stop valve for pump switch	
5.7	Stop valve for pressure gauge	
5.8	Stop valve for pressure switch	
5.9	Drain valve for pump switch	
5.10	Electrical Heater Assembly	
5.11	Insulation and Cladding	
5.12	Electrical Control Panel.	
5.13	Water level indicator Reflex Type	





6	Other requirement
6.1	The vendor shall provide training for operators at site. Vendor shall also provide operation and maintenance manual at site.
7	Regulatory aspects
7.1	The equipment shall be as per IBR standards. Validation services (IQ, OQ PQ and DQ) compliance with complete qualification packages. Vendor to submit the QAP and conduct FAT & SAT.
8	Safety requirements
8.1	Mowbray water level controller for automatic pump operation to maintain water level in boiler and sound alarm for extra low level.
8.2	High steam pressure cut-off switch.
8.3	Pressure Switch for Step modulation
8.4	Audio-visual alarms for abnormal working conditions
8.5	Dust and vermin proof pre-wired free standing control panel with switches, relays, contactors, fuses etc.
8.6	Pressure switch for automatic control of Electrical Heater
9	Documents
9.1	Following documents, but not limited to these, must be provided by the vendor as part of the supply package in hard copy as well as editable electronic file.
9.2	Documents IQ,OQ,PQ &DQ and also submit QAP,GA,P&ID ,Electric circuit , Foundation drawings \Operation and maintenance manual with trouble shooting tips(Both soft and hard copies).
9.3	One year Warranty from the date of Final Acceptance of the equipment
9.4	List of spare parts and instruments with ordering information.
9.5	Instrumentation Calibration and inspection certificates.
9.6	Training should be provided by vendor, compliance certificates /calibration certificates, instrumentation and control wiring drawings, (soft and hard copies), accessories and spare parts list, Procedures for calibration & training certificate. Certificate of warranty, Technical data sheet etc shall also be provided
9.7	Safety procedures, Statutory approval like IBR certificate.
9.8	Heating coil will be SS 304.
9.9	Electrical heater with 4 temperature indication and control in 4 different quadrant to analysis the heat production in each section and to analyse the performance and operations.
9.10	Design pressure for electrical heater can be 12 bar & 200 deg c temperature
9.11	Anti-condensation heater will be used.
9.12	Copper made thermostat.
9.13	CRCA powder coated terminal box for heater.
9.14	Design and manufacturing code for heater is ASME section viii division 1 edition 2022.
9.15	Special type of RTD PT-100 duplex pocket brazed on heating element and terminated inside terminal box set @ 350°.





9.16	Extra heating element shall be provided with bundle of heater as spare to avoid heat loss due to any bundle damage during operation so that there will not be any breakdown or loss of production as well as steam output will be maintained.
9.17	Heat resistant aluminium paint suitable for 400°C for all non SS parts shall be provided
9.18	Thyristor based control system to save the operation and tune the heater voltage, it will help to control the heater in automatic mode of operation.
9.19	Electrical control panel with all safety aspects to be provided (all LV equipment will be ABB/Siemens/Schneider make only).
9.20	Steam flow meter and Energy meter to monitor the performance shall be provided
9.21	Common feed water tank and inter connecting piping with necessary isolation valves & strainer for feed water pump shall be provided.
10	NOTE: Accurate size and technical specification need to be mentioned by the vendor. The vendor should include manpower costs for performing IOQ in this quotation.

