

**MINUTES OF THE MEETING
 PRE BID MEETING
 LIMITED TENDER ENQUIRY FOR SUPPLY, INSTALLATION, TESTING &
 COMMISSIONING OF LOW VOLTAGE SYSTEM OF PHASE II BLOCKS AT
 INTEGRATED VACCINE COMPLEX, CHENGALPATTU**

Document No. : HBL/IVC/LTE/LVS PHASE II/001/17-18 dated 02.02.2018

Venue : HLL Biotech Limited, Chengalpattu

Date : 12.02.2018

Project : Integrated Vaccines Complex, Chengalpattu

Attendees : See attached list of attendees

Issued by : Mr. Suresh S (DGM – Procurement)

Issued on : 21.02.2018

Issued from : HLL Biotech Limited, Chengalpattu

Agenda	
1.	PRE BID MEETING LIMITED TENDER ENQUIRY FOR SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF LOW VOLTAGE SYSTEM OF PHASE II BLOCKS AT INTEGRATED VACCINE COMPLEX, CHENGALPATTU


Distributions to : All Concerned Persons of HBL
 To all the list of attendees in Pre Bid Meeting

S.No		Clarification on Queries	
		Commercial Queries	HBL's Reply
1.	<p>Vendor requested to consider the following payment schedule under tender clause no:</p> <p>2. PAYMENT SCHEDULE: Page 09/40</p> <p>2.1 Payment Schedule for Purchase Order</p> <ul style="list-style-type: none"> • Advance against ABG (as mentioned beneath)- 20% of the order value • On Supply of material at site duly certified by HBL representative- 60% of the order value • On completion of Installation, commissioning & On Final acceptance, receipt of Handing over Certificate duly certified by HBL representative- 20% of the order value <p>2.2 Payment Schedule for Service Order</p> <ul style="list-style-type: none"> • On completion of Installation & duly certified by HBL Representative- 60% of the order value • On completion of commissioning & duly certified by HBL Representative- 30% of the order value • On Final acceptance and receipt of Handing over Certificate from HBL- 10% of the order value 	<p>Tender Payment Terms Under tender clause no:</p> <p>2.PAYMENT SCHEDULE: Page 09/40</p> <p>2.1 Payment Schedule for Purchase Order</p> <p>Will remain the same as mentioned in the tender document.</p> <p>Payment terms of Service order will be changed to</p> <p>2.2 Payment Schedule for Service Order</p> <ul style="list-style-type: none"> • On completion of Installation & duly certified by HBL Representative- 60% of the order value • On completion of commissioning & duly certified by HBL Representative- 20% of the order value • On Final acceptance and receipt of Handing over Certificate from HBL- 20% of the order value 	
2.	<p>Vendor requested to consider the following change in</p> <p>6. TIME SCHEDULE: Page 11/40</p> <p>6.2 The material shall be delivered at site within 30 days from the date of issue of Purchase order. The material shall be installed and commissioned within 2 Months from the date of issue of Service Order.</p>	<p>Will be changed to</p> <p>6. TIME SCHEDULE: Page 11/40</p> <p>6.2 The material shall be delivered at site within 30 days from the date of issue of Purchase order. The material shall be installed and commissioned within 2 Months from the date of issue of Service Order.</p>	
3.	<p>Vendor requested to extend the bid submission date till 28/02/2018</p>	<p>HBL agreed to extend the Bid Submission date till 28/02/2018 .</p>	

S.No	Technical Queries	HBL's Reply
1.	Vendors enquired about how the installation of conduits will be done which is supplied by electrical contractor for LVS Purpose and also requested to include installation of MS Conduits as a line item in PHASE 2 LVS BOQ	HBL replied that supply of MS Conduits will be done by PHASE 2 ELE Contractor & also agreed to vendors that the installation will be done by LVS Vendor. Hence HBL will include installation of MS Conduits as a line item in PHASE 2 LVS BOQ. The Revised BOQ is attached as Annexure-VII.
2.	Vendors enquired how the connectivity will be done between Phase 2 Blocks and The main Server Room as there is no cable tray laid for this purpose. Hence they also requested to add supply & installation of cable trays (Of various Size) as a line Item in PHASE 2 LVS BOQ	HBL replied that the connectivity will be done between Phase 2 Blocks and The main Server Room by the LVS Vendor and has also agreed to add supply & installation of cable trays (Of various Size) as a line Item in BOQ. The Revised BOQ is attached as Annexure- VII.
3.	Vendors enquired how minor civil works such as Cutting & Chipping of Walls, Concrete walls & core cutting for cable routing between network racks etc will be carried out. They also requested to add civil works like the above as a line item in PHASE 2 LVS BOQ	HBL replied that the Civil works such as Cutting & Chipping of Walls, Concrete walls & core cutting for cable routing will be added as a line item with per cubic meter rate including labour charges as a line Item in PHASE 2 LVS BOQ. The Revised BOQ is attached as Annexure- VII.
4	Vendors enquired about what are the approved makes For items in PHASE 2 LVS BOQ	HBL replied that the list of Approved makes is attached as Annexure VIII.

Henceforth, the Pre Bid MOM has to be considered as a part of the Original Tender.

For HLL Biotech Limited


21/02/18..

Authorized Signatory

	<p>"Supply, transport, unloading, shifting & installation in horizontal & vertical formation of prefabricated perforated type galvanised sheet steel cable trays & cable tray cover of different widths and delivered in standard lengths along with Coupler plates and requisite number of handwires, at different levels along pipe rack, open area, ready made cable trenches, cable cellar, etc., in tier formation as per specifications, drawings, standard engineering practice and as per the direction of Engineer-in-Charge. The Contractor's scope is inclusive of lifting & placing of trays on supports, at different levels, aligning, joining of trays with couplers, clamping/ fastening to the support of the vertical portions and wherever required as per specs/ drawings. All the necessary bends (horizontal/ vertical), tees, cross, elbows, reducers, etc., as shown in the drawing and as per the site condition/ requirement are to be fabricated out of standard length of trays and as per standard & good engineering practice. Gas cutting of cable trays at site is not permitted. If any welding is to be done on cable</p>																	
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trays applying of two coats of zinc rich primer and one coat of Silver paint at the modified/ repaired area/ portions and erection of the same. The running rate shall include bends, T section and couplers. Cable tray supports shall be paid extra under the head of Structural steel. Cable tray installed on threaded rod with slotted C channel between two parallel rods arrangement, This support arrangement shall be paid extra. All the necessary modifications, addition, removal of supports, brackets, cleats, etc., minor civil works for gouting and entries are to be carried out as and where required as a part of this item work but the measurement and payment will be made against similar item appearing elsewhere in this BOQ. Without limiting to the above, the work is to be completed in all respects end to end of each route as per the specs, drawings and the direction of the Engineer-in-Charge.

The scope of work includes transportation of materials from owner's issue point to actual place of work by contractor's own lifting and transportation arrangement. Tray

<p>route identification details as per the drawings are to be marked with stencil at appropriate places as per site requirement/ instructions of the Engineer-In-Charge. Cable tray shall be not dipped galvanized and minimum thickness of GI coating is 90 to 100 Microns. Thickness of perforated cable tray sheet steel for 50 mm to 300 mm cable tray = 2.0 mm thick and minimum height of the perforated cable Tray is 35 mm. Thickness of perforated cable tray sheet steel for 450 mm to 900 mm cable tray = 2.5 mm thick and minimum Height of the perforated cable tray is 75 mm. Thickness of Ladder cable tray sheet steel for 450 mm to 900 mm cable tray = 2.5 mm thick and minimum Height of the ladder type cable tray is 75 mm for 450 mm and above 450 mm height shall be 100 mm. Cable tray shall be in different widths and shall be in standard length 2500 mm long and suitable to couple two cable trays with coupler. Thickness of cable tray cover for all width of cable tray is 1.6 mm"</p>												
6.9.1.1	50mm wide cable tray perforated type	Mtr.	30									
6.9.1.2	100mm wide cable tray perforated type.	Mtr.	30									
6.9.1.3	150mm (W) x 50 mm (H) wide cable tray perforated type	Mtr.	30									
6.9.1.5	300mm (W) x 50 mm (H) wide cable tray perforated type	Mtr.	30									
7.0	Miscellaneous labour items:-											
	All the work to be done in approved manner by providing necessary highly skilled and other labour along with experienced supervisor staff, best quality of tools & ladders.											
7.1	CHIPPING (CHASING) OF WALL, SLAB, BEAM ETC.:-											
	Chipping of wall, slab, beam (50 mm x 50 mm) etc. installation of pipes/cables and making goog the surface as required. This item shall be applicable for concealed cabling.											
7.1.1	Chasing of brick wall	Mtr.	8									
7.1.2	Chasing of RCC wall	Mtr.	8									
	TOTAL FOR SUPPLY AND INSTALLATION OF IT SYSTEM											

Annexure - VIII

Approved makes for LVS Phase 2 tender

S.no	Description of materials	Make			
1	Patch panel	AMP & TE	R & M	SYSTIMAX	
2	LIU	AMP & TE	R & M	SYSTIMAX	
3	Patch cord	AMP & TE	R & M	SYSTIMAX	
4	OFC Cable-Fiber components	AMP & TE	R & M	SYSTIMAX	
5	IOs & Face plate (Data & Telephone outlets)	AMP & TE	R & M	SYSTIMAX	
6	Data and Telephone cable	AMP & TE	R & M	SYSTIMAX	
7	Network rack	Conteg	Emerson	APW	Rittal

AM(IT)

K. Srinivas

16/2/18

DGM(IT)

P. T. Srinivas