

**PRE-BID MEETING TENDER FOR SUPPLY, INSTALLATION, COMMISSIONING AND  
 VALIDATION OF PACKAGING EQUIPMENT AT PII, COONOOR**

**Document No.:** : NPI/110831/EQP/RTD/09

**Venue:** : HLL Biotech Limited

**Date:** : 10<sup>th</sup> Aug'2016

**Project:** : Revival of DPT group of vaccine manufacturing Facility PII, Coonoor

**Attendees:** : See attached list of attendees

**Issued By:** : Senior Manager, Procurement.

**Issued On:** : 19.08.2016

<b>Agenda</b>	
1.	Pre bid Meeting Tender for Supply, Installation, Commissioning and Validation of Packaging Equipment at PII, Coonoor

<b>S. No.</b>	<b>Clarifications on queries</b>
	<b>Tender for Supply , Installation, commissioning and Validation of packaging equipment at PII, Coonoor Doc No: NPI-110831-EQP-RTD-09</b>

**A Discussion on Tender Enquiry Document: NPI/110831/EQP/RTD/09**

**General Discussion Points**

**SECTION I**  
**(INITIAL) Notice Inviting Tender (NIT)**

Schedule. No	EQUIPMENTS	Equipment ID	Capacity	QTY	EMD
I	Carton Coder Printer	P-CCR 01	100 Cartons/min	1 No.	Rs.20,000/-
II	Label Counter Rewinder with VVM dot applicator	F-LCR 01	200 labels/min	1 No.	Rs.30,000/-
III	Vial Labeling Machine	F-VLM 01	200 vials/ min	1 No.	Rs.1,35,000/-
	Semi-Automatic Vial Optical Inspection Machine	F-VIM 01 & F-VIM 02	120 vials/ min	2 No.s	
IV	Carton Strapping Machine	F-CSM 01	VTS	1 No.	Rs.5,000/-
V	BOPP Taping Machine (Carton Sealing Machine)	DS-BTM 01	30-40 Cartons/min	1 No.	Rs.5,000/-
VI	Continuous Ink Jet Printing with Conveyor	DS-CIP 01	N/a	1 No.	Rs.5,000/-

1. **Shall be read as:**

**SECTION I**  
**(Changed) Notice Inviting Tender (NIT)**

Schedule. No	EQUIPMENTS	Equipment ID	Capacity	QTY	EMD
I	Carton Coder Printer	P-CCR 01	100 Cartons/min	2 No.s	Rs.60,000/-
II	Label Counter Rewinder with VVM dot applicator	F-LCR 01	200 labels/min	1 No.	Rs.10,000/-
III	Vial Labeling Machine	F-VLM 01	200 vials/ min	1 No.	Rs.3,20,000/-
	Semi-Automatic Vial Optical Inspection Machine	F-VIM 01 & F-VIM 02	120 vials/ min	3 No.s	
IV	Carton Strapping Machine	F-CSM 01	VTS	1 No.	Rs.5,000/-
V	BOPP Taping Machine (Carton Sealing Machine)	DS-BTM 01	20-30 Cartons/min	2 No.	Rs.10,000/-

Note: Schedule VI is deleted.

S. No.	Clarifications on queries
2.	Last date for the tender submission is extended up to 02 <sup>nd</sup> Sept, 2016 @ 15:30hrs as per the vendor request. Technical Bid opening is scheduled on the same day 02 <sup>nd</sup> Sept, 2016 @ 16:00 Hrs.

**For**  
**SECTION – XI C PRICE SCHEDULE (Sch IV & V)**  
**PRICE SCHEDULE FOR ANNUAL COMPREHENSIVE MAINTENANCE CONTRACT AFTER WARRANTY PERIOD**

1	2	3	4					5
Schedule No.	BRIEF DESCRIPTION OF GOODS	QUANTITY. (Nos.)	Annual Comprehensive Maintenance Contract Cost for Each Unit year wise*.					Total Annual Comprehensive Maintenance Contract Cost for 5 Years [Quantity x (4A+4B+4C+4D+4E)]
			1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	
			A	B	C	D	E	

\* After completion of Warranty period

**NOTE:-**

3.

1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.
2. The cost of Comprehensive Maintenance Contract (CMC) which includes preventive maintenance including testing & calibration as per technical/ service /operational manual, labour and spares, after satisfactory completion of Warranty period may be quoted for next 5 years on yearly basis for complete equipment and Turnkey (if any).
3. The cost of CMC may be quoted along with taxes applicable on the date of Tender Opening. The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.
4. Cost of CMC will be added for Ranking/Evaluation purpose.
5. The payment of CMC will be made as per clause GCC clause 21.1 (D).
6. The uptime warranty will be 98 % on 24 (hrs) X 7 (days) X 365 (days) basis or as stated in Technical Specification of the TE document.
7. All software updates should be provided free of cost during CMC period.
8. The stipulations in Technical Specification will supersede above provisions
9. The supplier shall keep sufficient stock of spares required during Annual Comprehensive Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.
10. Agency commission may be shown in separate column in price schedule.

**Shall be Read as**

**SECTION – XIC PRICE SCHEDULE (For only Schedule IV & V)**  
**PRICE SCHEDULE FOR ANNUAL MAINTENANCE CONTRACT AFTER WARRANTY PERIOD**

1	2	3	4		5
Schedule No.	BRIEF DESCRIPTION OF GOODS	QUANTITY. (Nos.)	Annual Maintenance Contract Cost for Each Unit year wise*.		Total Annual Comprehensive Maintenance Contract Cost for 2 Years [3 x (4A+4B)]
			1 <sup>st</sup>	2 <sup>nd</sup>	
			A	B	

\* Commencement of AMC shall be after completion of Warranty period



S. No.	Clarifications on queries
	<p><b>NOTE:-</b></p> <ol style="list-style-type: none"> <li>1. In case of discrepancy between unit price and total prices, THE UNIT PRICE shall prevail.</li> <li>2. The cost of Annual Maintenance Contract (AMC) which includes preventive maintenance including testing &amp; calibration as per technical/ service /operational manual, labour, after satisfactory completion of Warranty period may be quoted for next 2 years on yearly basis for complete equipment and Turnkey (if any).</li> <li>3. The cost of AMC may be quoted along with taxes applicable on the date of Tender Opening. <b>The taxes to be paid extra, to be specifically stated. In the absence of any such stipulation the price will be taken inclusive of such taxes and no claim for the same will be entertained later.</b></li> <li>4. Cost of AMC will be added for Ranking/Evaluation purpose.</li> <li>5. The payment of AMC will be made as per clause GCC clause 21.1 (D).</li> <li>6. The uptime warranty will be 98 % on 24 (hrs) X 7 (days) X 365 (days) basis or as stated in Technical Specification of the TE document.</li> <li>7. All software updates should be provided free of cost during AMC period.</li> <li>8. The stipulations in Technical Specification will supersede above provisions</li> <li>9. The supplier shall keep sufficient stock of spares required during Annual Maintenance Contract period. In case the spares are required to be imported, it would be the responsibility of the supplier to import and get them custom cleared and pay all necessary duties.</li> <li>10. Agency commission may be shown in separate column in price schedule.</li> <li>11. The cost of spares required during the preventive maintenance/ breakdown maintenance during the AMC shall be paid extra at actual by the supplier.</li> </ol> <p>Commercial aspects of AMC shall be read as</p> <ol style="list-style-type: none"> <li>I. AMC will commence from the date of expiry of the warranty period.</li> <li>II. The above mentioned value for Annual Maintenance Contract (AMC) includes preventive maintenance, breakdown maintenance, labour, after satisfactory completion of Warranty period.</li> <li>III. The contractor should submit a performance bank guarantee equivalent to 10% of the amount of AMC charges for 2 years, valid for the period of AMC on entering into the agreement by the client.</li> <li>IV. The payment of AMC will be made on half yearly basis, after satisfactory completion of said period, duly certified by Client. The payment will be made in Indian Rupees.</li> <li>V. During AMC period, the contractor is required to visit the site at least once in 6 months commencing from the date of the successful completion of warranty period for preventive maintenance. Failure to perform this condition by the contractor, may lead to the forfeiture of the performance Bank Guarantee for AMC.</li> <li>VI. The contractor shall send his claim for payment in writing, when contractually due, along with relevant documents etc., duly signed with date, to the Client.</li> <li>VII. The Performance Bank Guarantee/ Security Deposit submitted by the vendor shall be returned only on entering into the AMC agreement and on receipt of BG for AMC security. However, entering into an agreement on AMC with the Contractor is the sole discretion of the Client.</li> </ol> <p>Note:</p> <ul style="list-style-type: none"> <li>• <b>AMC shall be quoted seperately as per the AMC price schedule as mentioned above for Schedules - IV &amp; V.</b></li> <li>• <b>AMC is not applicable / need not be quoted for Schedules – I, II &amp; III. However complete warranty for 2 years (detailed in the tender document) shall remain the same for all the schedules.</b></li> <li>• <b>CMC shall be quoted seperately as per the CMC price schedule as mentioned in the TED for Schedules – I, II &amp; III.</b></li> </ul>
4.	Const. Voltage Transformer must be provided by the Vendor wherever applicable.

Clarifications on URSS			
S.No	URS Point number and excerpt* / description of the specification *	S.No	Point changed as / Comment
<b>BOPP Taping Machine (Carton Sealing Machine) ;Doc No.DS-BTM 01</b>			
3.3	Belt Orientation Vendor to Specify	3.3	Belt Orientation Side Drive Conveyor
3.4	Carton Sealing Range Vendor to Specify	3.4	Carton Sealing Range Mono carton size : 120 mm (w),50 mm (H),260 mm(L) Secondary Carton Size :500mm(W),400mm(H),800 mm(L)
3.5	Tape Head Standard 2 Inch & 3 Inch	3.5	Tape Head Standard 2 Inch & 3 Inch 2 inch head for mono carton tapping & 3 inch head for secondary carton tapping
3.11	Motor 1-1/4 HP Motor	3.11	Motor vendor to specify
3.12	Sealing Speed 30-40 Cartons /Min	3.12	Sealing Speed 20-30 cartons /Min
3.15	Power Requirement 110 V 5.4 A/60 Hz	3.15	Power Requirement vendor to specify
3.17	Quantity 1 Nos.	3.17	Quantity 2 nos (1 for mono carton tapping & 1 No. for secondary carton tapping)
4.1	Body of construction cGMP Compliant	4.1	Body of construction MS Power coated
5.4	The machine conveyor height shall be adjustable for flexible operation	5.4	Deleted
5.5	The equipment should be plug in operation	5.5	The equipment should be plug in operation and the machine should have infeed and out feed with free roller table.
9.1	IOQ document	9.1	Deleted
9.2	Operation and maintenance Manuals shall be provided along with IOQ documents	9.2	Operation and Maintenance Manual Shall Be provided and IQ &OQ is Not Applicable for this Equipment
<b>Continuous Inkjet Printing with Conveyor Doc No. DS-CIP 01</b>			
	Equipment Specification Data Sheet is Deleted from this Tender		
<b>Carton Strapping Machine; Doc No. DS-CSM-01</b>			
3.2	Roller Drive SS 304	3.2	Roller Drive Stainless Steel




8.1	Operation and Maintenance Manual Shall Be provided along with IQ &OQ documents during installation at site	8.1	Operation and Maintenance Manual Shall Be provided and IQ &OQ is Not Applicable for this Equipment
<b>Carton Coder Printer; Doc No. DS-CCP-01</b>			
2.4	Details to be printed on mono carton	2.4	Details to be printed on mono carton : Batch Number, Date of Manufacturing, Date of Expiry and M.R.P
	Product, Net weight, Gross Weight,Quantity,Batch Number, Date of Manufacturing, Date of Expiry and M.R.P		Pre-printed Details on mono carton (By client) :Product, Net weight, Gross Weight, Quantity
Details to be printed on Secondary carton :Batch Number, Date of Manufacturing, Date of Expiry and No.of Vials			
Pre-printed Details on Secondary carton (By client) :Product, Net weight, Gross Weight			
<u>Note:</u> The Mono carton will be with product vials containing 50 vials /mono cartons. The printing should be performed with the vials after the BOPP tapping on both sides.			
2.7	Selection of Fonts	2.7	Selection of Fonts
	Automatic		For Mono carton printing :4 mm 4 lines printing (Dot On Demand Printing) Automatic  For Secondary Carton : 4 mm 4 lines printing (Dot On Demand Printing) Automatic
2.9	Quantity	2.9	Quantity
	1 No.		2 Nos. (1 no. of Primary carton and 1 no. for secondary carton)
4.10	New Addition	4.10	Dimension of the primary/mono carton belt conveyor must be min 200 mm and length of min 1000 mm.
4.11	New Addition	4.11	Dimension of the Secondary carton belt conveyor must be min 650 mm and length of min 2000 mm.
4.12	New Addition	4.12	The infeed and outfeed to /from conveyor must be a self-roller type table with 1 m long.
8.10	Operation and maintenance manuals shall be provided along with IQ and OQ documents during installation at site	8.10	Operation and Maintenance Manual Shall Be provided and IQ &OQ is Not Applicable for this Equipment
<b>Semi-Automatic Vial Optical Inspection Machine;Doc No.URS/VIM 01</b>			
section No.2, S.No 8 in table	No. of Rejection bin per Table.	section No.2, S.No 8 in table	No. of Rejection bin per Person
	Four		Four

3.2.3	The operators should have the choice to reject the vials having faults /defects i.e. the operator has to manually pick and drop the faulty vial, therefore 1 rejection bin required between each operator.	3.2.3	The operators should have the choice to reject the vials having faults /defects i.e. the operator has to manually pick and drop the faulty vial, therefore 4 rejection hole required for each operator.
<b>Vial Labelling Machine: Doc# URS/VLM 01</b>			
section No.2, S.No.1 in table	Vial infeed unit	section No.2, S.No.1 in table	Vial infeed unit
	Infeed tray and turn table along with infeed conveyor		Infeed tray and turn table along with infeed conveyor with tray size 300mm *400 mm
section No.2, S.No.4 in table	Label coding unit	section No.2, S.No.4 in table	Label coding unit
	For coding the labels with the batch details and inspecting the labelling and coding quality with the camera.		For coding the labels with the batch details and inspecting the labelling and coding quality with the camera. The labels printing area will be window varnish.
section No.2, S.No.5 in table	Labelled Vial out feed unit	section No.2, S.No.5 in table	Labelled Vial out feed unit
	For discharging the labelled Vials at the out feed tray (300mm x 400mm)		For discharging the labelled Vials at the out feed tray (300mm x 400mm) with turn table of holding capacity min 2000 nos. 6R vials.
section No.2, S.No.11 in table	Rejection Station	section No.2, S.No.11 in table	Rejection Station
	For missing of labels, overprinting details and missing VVM label rejection option with camera		For missing of labels, overprinting details
3.2.1	Following interlocks shall be considered	3.2.1	Following interlocks shall be considered
	No Vial-No Label,		No Vial-No Label,
	No label - No Print,		No label - No Print,
	No vial in feeder – Machine stop		No vial in feeder – Machine stop
3.2.6	Faulty/printed labelled / Missing VVM vials shall be rejected in rejection tray for appropriate further action. It will reject by camera system and collected in to lockable rejection bin. For missing label / missing VVM – Label presence / absence sensor and for over printing or OCR (Optical Character Recognition) rejection- camera system should take care. (If any batch overprinting or printing quality is not good, camera will inspect it and send signal to pneumatic rejection system	3.2.6	Faulty/un printed labels on vials shall be rejected in rejection tray for appropriate further action. It will reject by camera system and collected in to lockable rejection bin. For missing label – Label presence / absence sensor and for over printing or OCR (Optical Character Recognition) rejection- camera system should take care. (If any batch overprinting or printing quality is not good, camera will inspect it and send signal to pneumatic rejection system
	Batch overprinting, printing quality		Batch overprinting, printing quality
6.4	To online checking of batch overprinting and printing quality and missing VVM	6.4	To online checking of batch overprinting and printing quality



6.7.4	Gap Between two labels = ~1 to 2 mm.	6.7.4	Gap Between two labels = ~1 to 2 mm.
	Roll core Diameter = TBD mm ( Vendor to specify)		Roll core Diameter = 76 mm
	Label Roll diameter = TBD mm ( Vendor to specify)		Label Roll diameter = 300 mm
6.7.7	An automatic rejection system shall be included into the system (Arm deviator / pneumatic rejection system is recommended)	6.7.7	An automatic rejection system shall be included into the system .vendor to ensure proper design to the lockable reject bin & to avoid any vial breakage during rejection mechanism.
6.7.8	Camera System: On-line inspection by first camera for batch overprinting, printing quality. If deviation, send signals to pneumatic rejection system to reject the vials. Second camera will detect the absence of VVM dot label on brand labels.	6.7.8	Camera System: On-line inspection by camera for batch overprinting, printing quality. If deviation, send signals to pneumatic rejection system to reject the vials.
6.7.12	HMI (10 inches at least) to be provided.	6.7.12	PC mounted to the control panel to be provided and the same needs to be integrated with the printing camera
<b>label Counter Rewinder with VVM dot applicator;Doc.No: DS-LCR-01</b>			
2.4	VVM dot label shape and size, mm	2.4	VVM dot label shape and size, mm
	10 x 10		10 mm diameter
2.12	New Addition	2.12	Camera system to be provided for missing VVM labels on the product labels.

For HLL Biotech Limited



19/07/16.

Senior Manager, Procurement.



