

**HLL LIFECARE LTD
(A Government of India Enterprise)
CENTRAL ENGINEERING DIVISION
PEROORKADA P.O.,
THIRUVANANTHAPURAM - 695 005
KERALA, INDIA**

**INVITATION FOR BID (IFB)
(TECHNICAL BID)**

FOR

**SUPPLY, INSTALLATION, INTEGRATION,
TESTING AND COMMISSIONING OF END OF
LINE AUTOMATION SYSTEM
(TAPESEALING & STRAPPING LINE)
AT HLL
PEROORKADA FACTORY,
THIRUVANANTHAPURAM - 695005**

IFB NO. : HLL/CED/SIITC/END OF LINE/PFT/2015

DATE: 23-04-2015

**HLL LIFECARE LIMITED
(A Government of India Enterprise)
CENTRAL ENGINEERING DIVISION
THIRUVANANTHAPURAM-695 005**

INVITATION FOR BIDS (IFB)

IFB NO. : HLL/CED/SIITC/END OF LINE/PFT/2015

DATE: 23-04-2015

HLL Lifecare Limited (HLL) invites sealed and super scribed bids from competent and experienced eligible Suppliers/Contractors for the Supply, Installation, Integration, Testing and Commissioning of End of Line Automation System (Tape sealing and strapping) at our Peroorkada Factory in Thiruvananthapuram, Kerala.

Sl. No	Brief Description of Item	Quantity	EMD Amount in Rs
1	Supply, Installation, Integration, Testing and Commissioning of End of Line Automation System (Tape sealing and strapping) at our Peroorkada Factory in Thiruvananthapuram, Kerala.	As per schedule of items	Rs. 25,000/-

CONTENTS OF BIDDING DOCUMENTS

I. INSTRUCTION TO BIDDERS:

1. A complete set of bid documents can be had from the Office of the Associate Vice President (CED), Central Engineering Division, HLL Lifecare Limited, Peroorkada Factory, Thiruvananthapuram – 695 005, Kerala, India during office hours on any working day on submission of written application.

The Tender Documents can also be downloaded from our Website www.lifecarehll.com and the Central Public Procurement Portal of Government of India www.eprocure.gov.in from the date of issue of tender document. Tender forms shall be filled in ink or typed. No tender filled in pencil shall be considered. The tenderer shall sign and seal the form at each page and at the end, in token of acceptance of all the terms and conditions of the tender.

2. The bid documents will be available up to 15.00 Hrs. on the previous working day of the opening of the bids.

3. The scheduled date for issue, receipt and opening of bids is as follows.

- a) Date of issue of tender document - 23-04-2015 onwards.
- b) Last date and time for receipt of bids - 14-05-2015 up to 15.00 Hrs.
- c) Date and time of opening of bids - 14-05-2015 , 15.30 Hrs.
- d) Address for communication, receipt and place of opening of bids:

Associate Vice President (CED)
Central Engineering Division,
HLL Lifecare Limited (A Government of India Enterprise),
Peroorkada,P.O. Thiruvananthapuram – 695005,
Kerala State, India
Ph: (++91 471) 2433374,2437270 –501,502
Tele Fax: (++ 91 471) 2432647
E-mail: snair@lifecarehll.com, rajeevrv@lifecarehll.com.

4. The completed and sealed bid documents and all schedules should be submitted to Associate Vice President (CED) in the above address along with the EMD. Bids received after due date and time will be rejected. Any bid not accompanied by EMD will not be considered.

5. Bidders shall submit their bids in two parts (TECHNICAL BID and PRICE BID) as under.

6. Technical bid, clearly marking consisting of the deviations in specifications if any, and also clause-by-clause compliance of Technical Bid evaluation criteria, specifications and commercial terms and conditions and EMD, in separate sealed covers super scribing "Technical Bid" inside a main cover.

7. Price bids, clearly marking, showing only item wise rates and total prices in sealed covers super scribing "Price Bid" inside a main cover.

5. **Earnest Money**

5.1 Each bid must be accompanied by E.M.D.

5.2 The EMD is required to protect the Owner against risk of Bidder's conduct, which would warrant the security's forfeiture

a. The EMD shall be in the form of Demand Draft from a nationalized bank drawn in favour of HLL Lifecare Limited, Thiruvananthapuram payable at Thiruvananthapuram.

b. E.M.D. of the unsuccessful bidders will be released after tabulating tenders, keeping only the earnest money of the first three lowest

bidders. The earnest money deposit of the remaining two unsuccessful bidders will be released after the acceptance of the notification of award by the successful bidder.

- c. In the case of successful bidder, the Earnest Money will be returned after signing the agreement and submission of Demand Draft towards Security Deposit, which they will have to offer for the faithful execution of the contract.

5.3 The EMD may be forfeited:

- (a) If a Bidder withdraws its bid during the period of bid validity specified by the Bidder on the Bid Document; or
- (b) In case of the successful Bidder, if the Bidder fails:
 - (i) to sign the agreement.
 - (ii) to furnish security deposit.
 - (iii) does not accept the correction of his bid price pointed out by HLL

5.4 The EMD should be enclosed in a separate envelope and superscribed as "EMD" and to be attached in the main cover.

- 6 Bids will be opened in the presence of Bidders representative(s) who choose to attend on the specified date and time, at the office of HLL at the address given in Clause '3 (d)' above.
- 7 In the event of the date specified for bid receipt and opening being declared as a closed holiday for Owner's office, the due date for submission of bids and opening of bids will be the following working day at the appointed times.
- 8 The Owner may, at its discretion, extend this deadline for submission of bids by amending the Bid Documents or any other reasons, in which case all rights and obligations of the Owner and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.
- 9 Owner will not be held responsible for the postal delay, if any, in the delivery of the bidding document or the non-receipt of the same. Bids sent by Telex/Fax/Telegraph will not be accepted.
- 10 The company reserves the right to club or split the supply of items , change the qualifying criteria at their discretion and to reject or cancel the Invitation for bids without assigning any reason thereof.

ASSOCIATE VICE PRESIDENT (CED)

II. TECHNICAL BID FORMS

1. Schedule A - Specifications
2. Schedule B - Prequalification Requirements
3. Schedule C - Application for Prequalification
4. Schedule D - Details of major supply of similar item
Supplied successfully by the tenderer as
during the last 5 years Details of recent
orders
5. Schedule E - Details of ongoing purchase orders
6. Schedule F - Acceptance form
7. Schedule G - Terms and conditions
- 8.. Schedule H - Certificate
9. Schedule I - Price Schedule

III. PRICE BID FORMS

SCHEDULE – I PRICE SCHEDULE

SCHEDULE –A

SPECIFICATIONS

Requirement

HLL Requires an end of line packaging system consists of 2 idle conveyors, 4 powerised conveyor, and 2 strapping machine that has to be integrated with 1 existing tape sealing machine.

Specifications

COMPLETE END OF LINE AUTOMATION

1, IDLE CONVEYOR Specification of the IDLE Conveyer

Description	Specifications	
	Effective width	1000mm
	Length of conveyor	1000mm
	Roller Diameter	50+-2mm
	No: of rollers / metre	08 (Pitch of 125mm)
	Working height	750(+/-50)mm (with studs)
	Structure Fabrication	Mild Steel Powder coated
	Roller fabrication	MS Seamless Pipe Duly Hard Chrome Plated.
	Load Bearing Capacity	50Kgs /metre

2, POWERISED CONVEYOR Specification of the Powerised Conveyer with Pneumatic centering device

Description	Specifications	
Powersied Roller Conveyor	Effective width	1000mm
	Length of the conveyor	1000mm
	Roller Diameter	50+-2mm
	No: of rollers / metre	08 (Pitch of 125mm)
	Working height	750(+/-50)mm (with studs)
	Structure Fabrication	Mild Steel Powder coated
	Roller fabrication	MS Seamless Pipe Duly Hard Chrome Plated.
	Load Bearing Capacity	50Kgs /meter
	Conveyor speed	20Metres / Min (Fixed Speed)
	Geared Motor	0.50HP * Detailed spec. given in Item no.10
	Power Supply	1Ph,220v,50Hz/3Ph,415V ,50hZ
	Transmission of drive rollers	Through Chain & Sprockets
Pneumatic Centering device	For centering the master carton	

3, FULLY AUTOMATIC TAPE SEALING MACHINE (Existing)

- Supply not under scope of party.

4, POWERISED CONVEYOR Specification of the Powerised Conveyer

Description	Specifications	
Powersied Roller Conveyor	Effective width	1000mm
	Length of the conveyor	1000mm
	Roller Diameter	50+-2mm
	No: of rollers / metre	08 (Pitch of 125mm)
	Working height	750(+/-50)mm (with studs)
	Structure Fabrication	Mild Steel Powder coated
	Roller fabrication	MS Seamless Pipe Duly Hard Chrome Plated.
	Load Bearing Capacity	50Kgs /metre
	Conveyor speed	20Metres / Min (Fixed Speed)
	Geared Motor	0.50HP * Detailed spec. given in Item no.10
	Power Supply	1Ph,220v,50Hz/3Ph,415V ,50hZ
	Transmission of drive rollers	Through Chain & Sprockets

5, Specification of the Fully automatic Strapping Machine:

Strap width	9 – 15.5mm
Working Table Height	570 – 770mm
Transmit Speed	50/60hz 16/20M/min
Arch Size	800W minimum X 600H minimum
Strap cycle speed	2.2 sec / cycle

6, POWERISED CONVEYOR Specification of the Powerised Conveyer WITH PUSHING MECHANISM (90 degree turn table) Pneumatic festo make

Description	Specifications	
Powersied Roller Conveyor	Effective width	1000mm
	Length of the conveyor	1000mm
	Roller Diameter	50+-2mm
	No: of rollers / metre	08 (Pitch of 125mm)
	Working height	750(+/-50)mm (with studs)
	Structure Fabrication	Mild Steel Powder coated
	Roller fabrication	MS Seamless Pipe Duly Hard Chrome Plated.
	Load Bearing Capacity	50Kgs /metre
	Conveyor speed	20Metres / Min (Fixed Speed)
	Geared Motor	0.50HP * Detailed spec. given in Item no.10
	Power Supply	1Ph,220v,50Hz/3Ph,415V ,50hZ
	Transmission of drive rollers	Through Chain & Sprockets

7. Specification of the Fully automatic Strapping Machine:

Strap width	9 – 15.5mm
Working Table Height	570 – 770mm
Transmit Speed	50/60hz 16/20M/min
Arch Size	900W minimum X 600H minimum
Strap cycle speed	2.2 sec / cycle

8. POWERISED CONVEYOR

Description	Specifications	
Powersied Roller Conveyor	Effective width	1000mm
	Length of the conveyor	1000mm
	Roller Diameter	50+-2mm
	No: of rollers / metre	08 (Pitch of 125mm)
	Working height	750(+50)mm (with studs)
	Structure Fabrication	Mild Steel Powder coated
	Roller fabrication	MS Seamless Pipe Duly Hard Chrome Plated.
	Load Bearing Capacity	50Kgs /metre
	Conveyor speed	20Metres / Min (Fixed Speed)
	Geared Motor	0.50HP * Detailed spec. given in Item no.10
	Power Supply	1Ph,220v,50Hz/3Ph,415V ,50hZ
	Transmission of drive rollers	Through Chain & Sprockets

9. IDLE CONVEYOR

Description	Specifications	
	Effective width	1000mm
	Length of the conveyor	1000mm
	Roller Diameter	50+-2mm
	No: of rollers / metre	08 (Pitch of 125mm)
	Working height	750(+50)mm (with studs)
	Structure Fabrication	Mild Steel Powder coated
	Roller fabrication	MS Seamless Pipe Duly Hard Chrome Plated.
	Load Bearing Capacity	50Kgs /metre

10. Direct drive Geared motor specification

DESCRIPTION	REMARKS
0.5 KW MOTOR direct drive geared motor	Three phase motor specification confirm to IS 325-1996.
Specifications:-	Energy efficient i motors – Three phase confirm to IS 12615-2004.
Make : LENZE/NORD/SEW/BONFIGLIOLI/ROSSI/ SIEMENS/ABB	Classification of degrees of Protection IP 66 with IS 4691-1985. Methods of cooling IS 6362-1971.
Rating : 0.5 HP	Symbols of construction and mounting arrangement IS 2253-1974.
Power input : 3 PHASE AC, 50Hz 440 V	Terminal marking and direction of rotation IS 4728-1975.
Lubrication : Life lubrication	Permissible limits of noise levels for rotating electrical machines as per IS 12065-1987.
Connection type : Standard	Dimensions and output for electric machines IS 1231-1974 (Foot -Mounted motors).
Enclosure : IP 66	Mechanical vibration of rotating electrical machines IS 12075-1987
Duty class : S1	Mechanical vibration of rotating electrical machines IS 12075-1987
Temperature class : F	Other Specifications: Energy Efficiency: IEEMA: 19-2000.
Cooling : Fan	Motors with all electrical contacts to be enclosed in a flame proof enclosure and confirm to IS 6381 & IS 9638.
Factor of Safety : >1	Duty cycle will be continuous with variable speed and periodic load operation.
Direct drive geared motor	Motor should be flame proof with confirm to IS 2148.
Make : LENZE/SEW/NORD/ROSSI/BONFIGLIOLI	Energy Efficiency should confirm to IS: 12615, IS: 325, IS: 1231 & IS: 2223.
Rating : 0.5 HP	Ambient/Temperature rise: 50 deg/70 deg (Class B Temperature Rise).
Type : Helical bevel	
No. of stage : 4	
Gear box design : Right angled Foot mounting with centering	
Flange at out put end : With flange	
No. of poles : 4	
Input rpm : 1500	
Out put RPM : 127	
Torque : 3.1 kgm	
Lubrication : Life lubricated	
Motor mounting :Integral motor/Direct coupling	
Terminal box : In position 4	
Connection Type : Standard	
Enclosure : IP 66	

Temperature class	: F	
Cooling	: Fan cooled	
Factor of Safety	: >1	
Rule Safety	: Construction	
Motor code	: C 86 Selection code for Operation on servo inverter	
Surface and corrosion protection:	OXS-S (Corrosivity category C3)	
Efficiency class	: IE 1	
Motor protection	:TKO (THERMAL CONTACT NC)	

Specification of PLC and HMI

1	Supply and Installation of PAC/PLC with HMI				
a	PAC/PLC (64 Bit) with 30 I/O digital and Analogue module (As per IEC 61131-3/IEC 61499/IEC 61508 with test and calibration certificates)	Siemens/ABB/Allen bradley/Mistubishi/ L&T/GE	No s	1	As per IS/IEC 61131-3/IEC 61499/IEC 61508
b	HMI (10" to 14 " Colour Display) Touch Screen Type (As per IEC 60297/IEC 60571/IEC 60812/IEC 61508/IEC 61131-1/IEC UL 61010-1/IEC 608NF & IS 2500 with Test & calibration certificates)	Siemens/ABB/Allen bradley/Mistubishi/ L&T/GE	No s	1	As per IS/IEC 60297/IEC 60571/IEC 60812/IEC 61508/IEC 61131-1/IEC UL 61010-1/IEC 608NF & IS 2500

DETAILS

The systems consists of the following units:

- i) Idle conveyer.
- ii) Powerised conveyor system is required for input (in feed unit) of the Automatic Tape sealing machine with pneumatic centering system
- iii) Tape sealing machine is already installed
- iv) Powerised conveyor system is required for out put (out feed) of the Automatic Tape sealing machine(i.e. input of the strapping unit)
- v) Fully Automatic Strapping machine No: 1
- vi) Powerised conveyor system is required for out put of the strapping machine No:1

(Includes a transfer mechanism to convey the cartons for cross strapping to the next strapping machine No:2)

- vii) Fully automatic Strapping machine No:2

- viii) Powerised conveyor system is required for out put of the strapping machine No:2
- ix) Idle conveyor.
- x) PLC programming shall be designed with effective and energy efficient operation as per industrial standard.
- xi) Appropriate sensors and logical controls shall be provided wherever necessary.
- xii) Full lay out of the system has been given as Annexure
- xiii) PLC and HMI panel control system: all the components like sensors, timers,motor controllers, solenoid operated valves, wiring and hardwares and softwares will be incorporated to carry out the complete process. Process lay out is attached.
- xiv) Pneumatic control valves and other actuators are to be of suitable design with the space limit mentioned and as per the layout.
- xv) Suitable sensing and control system should be provided for completing the process. Static electricity dischargers should be provided as per requirement.
- xvi) Commissioning of the system or any part thereof shall be commenced by the bidder immediately after receipt of intimation from HLL.HLL shall supply the operating personnel and all raw materials and other matters required for commissioning.
- xvii) **Performance test:** The performance test shall be conducted by the bidder during the commissioning of the system to ascertain whether the system can attain the functional guarantees specified in the technical specification.
- xviii) **Operational acceptance:** Operational acceptance shall occur in respect of the system when the performance test has been successfully completed and the functional performances are met.
- xix) Period warranty shall be 12 months from the date of installation and commissioning as certified jointly by the supplier and the purchaser.
- xx) The bidder may contact the concerned person for clarifying any doubts before submitting the offer.
- xxi) Three copies of instruction/operational manual (especially for brought out items) and maintenance manual should be supplied along with the machine.

- xxii) A list of spare parts should be provided. a minimum set of spare parts should be provided for each machine.
- xxiii) Brought out items such as electrical/electronic items, electric heat banks etc should be as per relevant Indian standards approved certifications.
- xxiv) Rate should be quoted separately for supply and service like integration, testing and commissioning of one such system as per price schedule .Bill of materials should be provided separately in support to the supply.

SCHEDULE -B

PREQUALIFICATION REQUIREMENTS

1. The tenderer should have minimum 5 years experience in the relevant field.
2. The tenderer should have completed at least two purchase orders similar in nature in single contracts – in the same name and style as prime supplier/manufacturer) costing not less than Rs.10 lakhs during the last 2 years. For the purpose of this clause.
 - a) 'Similar work' shall mean preferably the supply, installation, testing and commissioning of end of line automation. Cost of work shall mean the cost of work order executed. Certificate of satisfactory completion of work obtained from an officer not below the rank of an executive engineer in the case of Government departments or from an officer of equivalent position in the case of other organization shall be produced. The certificate will clearly indicate the name of item supplied, period during which completed (giving date of commencement and date of completion of cost of supply). The certificate should bear the name, signature and seal of the officer. In the absence of such a certificate the tender may not be considered.
3. Average annual financial turn over of the bidder during the last 3 years, ending 31st March of the previous financial year, should be furnished.
4. The tenderer should submit Earnest Money Deposit in the manner specified along with the tender document.
5. Power of Attorney in case an authorized representative has signed the tender.
6. The duly signed acceptance form conforming that All terms & conditions, technical specifications, drawings & volume of supply are understood by the bidder .Certificate that bid is in total conformity with the specifications and terms and conditions mentioned in the bid document and certificate on period of validity (sheet enclosed)
7. Deviation if any, giving reasons for the deviation.
8. Even though the bidder meet the above qualifying criteria, they are subject to be disqualified if they have:
 - Record of poor performance such as rejection of supply, delay in delivery date stipulated, litigation history, or financial failures etc...

SCHEDULE – C

APPLICATION FOR PREQUALIFICATION

**NAME OF WORK : SUPPLY, INSTALLATION, INTEGRATION,
TESTING AND COMMISSIONING OF END OF LINE AUTOMATION
SYSTEM**

- A. Name of Firm/Company :
1. Postal address :
2. Telephone No :
FAX :
E-Mail :
3. Year of commencement of Contract/
Year of establishment of firm/Company :

B. In the case of Firm

1. Whether proprietary or partnership firm:
2. Name of Managing partner :
3. Name of other partners :

Note: Attested copy of partnership deed to be enclosed

C. In the case of Company

1. Whether Private Limited or Public Limited
Company :
2. Name of Managing Director :
3. Name of other Directors :

Note: Attested copy of Company Registration deed to be enclosed.

- D. No. of major supplies of similar item supplied successfully in India, specify.
Enclose two completion certificates from the client certified that the
similar item supplied successfully. The client list shall be enclosed.

Note: Details to be furnished in **SCHEDULE -D**

- E. Has the Supplier/Firm/Company ever been black listed by the Govt/or the
registering authority.

i) if so, give the period and details.
F. Average annual financial turn over of the bidder during the last 3 years, ending 31st March of the previous financial year.

a. Annualised turn over of the Contractor/Firm/Company in the last 3 years ending 31.03.2015

1. 2012-2013: Rs
2. 2013-2014: Rs
3. 2014-2015: Rs

(Bio data with willingness letters to be enclosed in **SCHEDULE -C**)

G. Acceptance Form in **SCHEDULE – F**

H. CERTIFICATE as per **SCHEDULE - H**

I/We hereby certify that the details given in the application form is correct to the best of my/our knowledge. I /We have no objection in contacting any of our clients for reference.

Signature:

Place:

Date:

Name and address of the bidder with seal:

SCHEDULE - D

DETAILS OF MAJOR WORK ORDER SUCCESSFULLY EXECUTED BY THE TENDERER AS PRIME CONTRACTOR DURING THE LAST 3 YEARS				
Sl. No.	Name of Client with full address, telephone numbers and nature of item supplied	Details of item supplied	Value of items supplied (in lakhs)	Period of Completion with dates (in months)

SIGNATURE OF BIDDER WITH SEAL

SCHEDULE - E

DETAILS OF ONGOING WORK ORDERS OF SIMILAR NATURE			
Sl. No.	Name of Client with full address, telephone numbers and nature of item	Description of work	Value of purchase order (in lakhs)

SIGNATURE OF BIDDER WITH SEAL

SCHEDULE – F
ACCEPTANCE FORM

(To be submitted in the letter pad of the firm indicating full name and address, telephone & fax numbers etc.)

From

To

Associate Vice President (CED)
Central Engineering Division,
HLL Lifecare Limited (A Government of India Enterprise),
PB no 2, Peroorkada, Thiruvananthapuram – 695005,
Kerala State, India
Ph: (++91 471) 2433374,2437270 –501,502
Tele Fax: (++ 91 471) 2432647
E-mail: smair@lifecarehll.com, rajeevrv@lifecarehll.com.

Dear Sir,

I / We, hereby offer to supply as detailed in schedule hereto or such portion thereof as you may specify in the acceptance of Bid at the price given in the price bid and agree to hold this offer open for 90 days from the date of bid opening prescribed by the Purchaser. I/We have understood the terms and conditions mentioned in the invitation for bid and Conditions of Contract furnished by you and have thoroughly examined the specifications quoted in the bid document hereto and are fully aware of the nature of the scope of supply of item required and my/our offer is to comply strictly in accordance with the requirement and the terms and conditions mentioned above.

The following pages have been added to and form part of this bid.

Yours faithfully,

SIGNATURE OF THE BIDDER WITH SEAL

SCHEDULE – G

TERMS & CONDITIONS

1. The Tender should be completed in all respects. Incomplete tenders are liable to be rejected.
2. Unsealed Tenders received are liable to be rejected and this will be at the sole risk of the Tenderer.
3. The tender is liable to be suspended or cancelled at anytime at the discretion of the company without assigning any reason.

In the event of placing orders: -

- a. In tenderer shall return one copy of order signed and sealed as a token of acceptance.
- b. (i) In case of rejection, the equipment should be taken back and replaced at yours risk and cost within 7 days of intimation from HLL.

(ii) Equipment shall be returned back to you through the Transporter indicated by you.
- c. The SUPPLIER/AUTHORISED DEALER agrees to supply strictly as per the order terms in respect of quality and specification. HLL reserves the right not to receive the goods beyond the delivery date given in the order.

4. PRICE

The price quoted should be inclusive of Basic Price, all applicable taxes and duties including VAT, Entry tax, Octroi & other levies, P&F charges, loading and unloading charges, insurance, etc. The Supplier should pay entry taxes, as applicable and should be included in the offer.

The Price Schedule (Schedule I) shall be suitably filled as applicable. The quoted rate shall be valid for a period of 31st March 2016. No price escalation and no change in terms and conditions will be allowed on any ground till the order is completely executed.

5. TAXES/DUTIES/LEVIES

The supplier shall be entirely responsible for all taxes including entry tax, duties, license fees, etc. incurred until successful completion of contract. All central, state, municipal taxes, duties and levies payable shall be shown by the bidder separately in the Bid. The Purchaser will issue necessary 'C' Form, if required.

6. COMPLETION TIME

- a. The item should be delivered within **6 WEEKS** from the date of issuing the Letter of Intent or Supply Order.
- b. The quantity mentioned herein are approximate requirement with staggered delivery.
- c. In case less or more quantity is required the suppliers should be prepared to effect supply at short notice on the same terms and conditions.
- d. The following documents should accompany the consignment
 - i) Invoice in triplicate bearing Supply Order No. & date
 - ii) Delivery Note/Challan
 - iii) Packing List
 - iv) LR No.

7. GUARANTEE PERIOD

The Guarantee against any possible manufacturing defects shall be given for a period of 18 months from the date of supply and inspection of the item at HLL site or 12 months from the date of supply, whichever is earlier.

8. LIQUIDATED DAMAGES FOR DELAY

The parties have to abide by delivery schedule given in the supply order strictly. Penalty for delay @ 0.5% value of the materials per week of delay subject to a maximum of 7.5% of the value of the supply order will be imposed, if equipment is accepted by the Company after the stipulated delivery period.

9. PAYMENT TERMS :-

1. 60% of the payment on pro-rata basis shall be released after satisfactory installation, integration, testing and trial run of End of line automation system and satisfactory continuous operation for a period of 7 days.
2. Balance 30% of the payment on pro-rate basis shall be released within 45 days of satisfactory continuous operation for 2 shift operation/days (16 hrs) / 45 days validation, performance evaluation in terms of quality, quantity and commissioning, and final acceptance certificate issued by the competent authority.
3. The balance 10% payment shall be released against a Performance guarantee valid for a period of one year from the date of the issue of final acceptance certificate of the entire system.

The jurisdiction of any disputed, suits and proceedings arising out of this tender shall be only in the court of Thiruvananthapuram.

SCHEDULE - H

CERTIFICATE

I / we hereby certify that the information given with this bidding document is correct. If, at any stage, it is found to be incorrect, I / we understand that the contract will be liable to be terminated and action could be taken against me/us by the Company for damages.

SIGNATURE (S) OF BIDDER WITH SEAL

(To be submitted in the letter pad of the firm indicating full name and address, telephone & fax numbers etc.)

**HLL LIFECARE LTD
(A Government of India Enterprise)
CENTRAL ENGINEERING DIVISION
P.B.NO.2, PEROORKADA P.O.,
THIRUVANANTHAPURAM - 695 005
KERALA, INDIA**

**INVITATION FOR BID (IFB)
(PRICE BID)**

FOR

**SUPPLY, INSTALLATION,
INTEGRATION, TESTING AND
COMMISSIONING OF END OF LINE
AUTOMATION SYSTEM AT HLL
PEROORKADA FACTORY,
THIRUVANANTHAPURAM**

IFB NO. : HLL/CED/SIITC/END OF LINE/PFT/2015

DATE: 23-04-2015

**HLL LIFECARE LIMITED
CENTRAL ENGINEERING DIVISION
(A GOVT. OF INDIA ENTERPRISE)
PEROORKADA. P.O, TRIVANDRUM 695 005**

IFB NO. : HLL/CED/SIITC/END OF LINE/PFT/2015 DATE: 21-04-2015

PRICE BID – RATE SCHEDULE FOR SUPPLY, INSTALLATION, INTEGRATION, TESTING AND COMMISSIONING OF END OF LINE AUTOMATION SYSTEM AT HLL PEROORKADA FACTORY, THIRUVANANTHAPURAM .

NAME OF TENDERER:

Quantity : 2 SETS

PRICE PARTICULARS	PER UNIT (IN RS.)	REMARKS
BASIC PRICE FOR SUPPLY OF END OF LINE AUTOMATION SYSTEM		
BASIC PRICE FOR SUPPLY,INSTALLATION & INTEGRATION OF PLC & HMI		
EXCISE DUTY (% TO BE FURNISHED)		
CESS ON EXCISE DUTY		
CST/VAT (% TO BE FURNISHED)		
FREIGHT		
INSURANCE		
INSTALLATION,TESTING ,INTEGRATION & COMMISSIONING CHARGES		
OTHERS, IF ANY (PLEASE SPECIFY)		
TOTAL DELIVERED RATE AT HLL STORES (Rupees.....)		

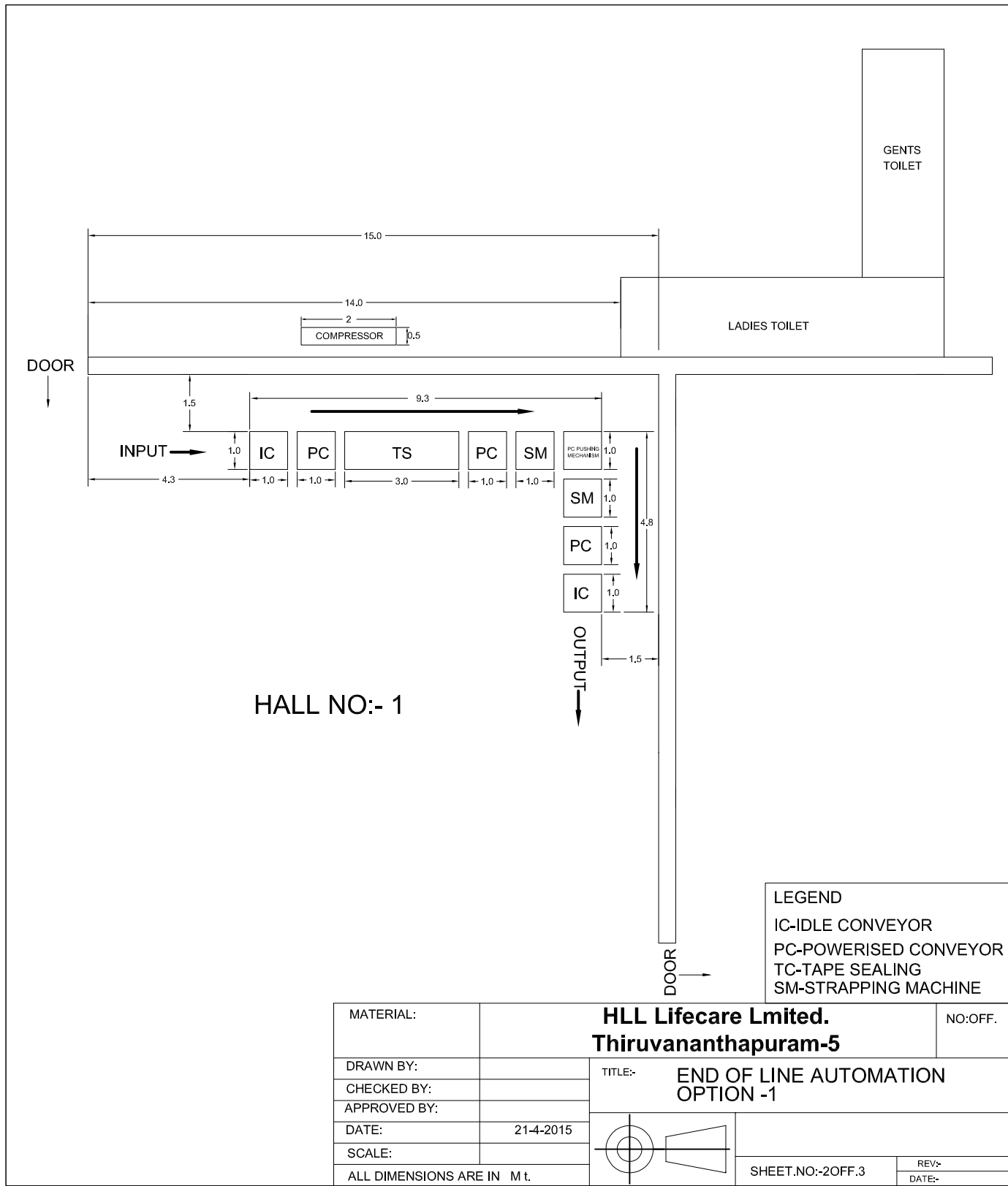
MINIMUM TIME REQUIRED TO SUPPLY, INSTALL & COMMISS



VALIDITY: ONE YEAR

PLACE:
DATE :

NAME AND SIGNATURE OF THE TENDERER
(WITH OFFICE SEAL)



MATERIAL:	HLL Lifecare Limited.		NO:OFF.
	Thiruvananthapuram-5		
DRAWN BY:		TITLE:-	END OF LINE AUTOMATION OPTION -1
CHECKED BY:			
APPROVED BY:			
DATE:	21-4-2015		
SCALE:			
ALL DIMENSIONS ARE IN M t.			
		SHEET.NO:-2OFF.3	REV:- DATE:-