**HLL LIFECARE LIMITED**

**PLOT NO.16-A/1 CSEZ, KAKKANAD P O ERNAKULAM -682037,**

**KERALA, INDIA**

 **PH: +91 484 2413999**

**INVITATION FOR BIDS**

**(TECHNICAL BID)**

DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF

SINGLE LINE STATIC PRESS SEAL Packing MacHINE FOR FC

**AT**

**HLL LIFECARE LIMITED,**

 **Kakkanad**

**Cochin**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| SL. No. | Name of the Item | TenderNo: | LastDate&Time ofSubmission of Bids | Date& Timeof Opening of Technicalbids |
| 1. | **Single line static press seal Packing Machine for Female Condom**Specification:Refer Annexure V for detailed Specification  | HLL/KFC/FC PACKING MACHINE/2016/001 | 27-05-2017 at 15.00 Hrs | 27-05-2017 at 15.30 Hrs |

#### General Conditions:

1. The unit should be complete with all accessories and interconnections pertains to the specifications.
2. The supplier should submit 3 copies of the following documents relevant to his scope of work, two weeks prior to the commissioning of the unit, free of cost
	1. Instruction/Testing/Operation manual (3 copies)
	2. Maintenance manual/Lubrication Chart (3 copies)
	3. Relevant Test Certificates, calibration certificates, Guarantee Certificate for each item of equipment.
	4. Catalogue and literature on bought outs (3 copies)
	5. Any other related documents pertains to the design spec.
3. All the bought out items should be of standard and reputed make.
4. Power requirements (Quality, Quantity, rating etc.) for the equipment shall be indicated in the bid.
5. The bidder should attach to their bid detailed specifications, catalogues and other details of all the equipment quoted by them.
6. Supplier/Contractor should install and commission the equipment at HLL site.
7. The equipment/s supplied should be suitable for Indian electrical ratings as follows.

Power supply: 400-440 V, 50 Hz (Three Phase)

1. Earthing for all electrical equipments, motors, panel boards, Junction boxes etc. should be done as per International Standards.
2. Wires should be taken though GI/PVC pipes and connection to panel boards, junction boxes, motors, solenoids etc should be given by using flexible hose/GI pipes.
3. HLL will provide electrical cables up to the main panel of the Machine. All other connection and inter connections shall be done by the supplier.
4. Any deviations from the bid documents shall be clearly indicated.

**APPLICATION FOR PREQUALIFICATION**

**Name of Work:**

**DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF**

**PACKING MACHINE FOR FEMALE CONDOM**

A. Name of Contractor/Firm/Company :

1. Postal address :

2. Telephone No.: 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. Names of other Directors :

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

D. Enclose 3 completion certificates from the client certified that the similar machines are installed and commissioned at their site successfully and is working satisfactorily. The Client list shall be enclosed.

Note: Details to be furnished in **Annexure I**

E. Total number of ongoing installations or orders in hand for similar power plants

Note: Details to be furnished in **Annexure II**

F. Has the Contractor/ Firm/Company ever been black listed by the Govt /or the registering authority.

i) If so, give the period and details.

G .Annualized turnover of the Contractor/Firm/Company in the last 3 years ending 31.03.2013

|  |  |  |  |
| --- | --- | --- | --- |
| 1. 2014 - 2015: | INR. |  |  |
| 2. 2015 – 2016: | INR. |  |  |
| 3. 2016- 2017 : | INR. |  |  |

Note: Details to be furnished in **Annexure III**

H. Details of organization :

1.Technical personnels : i) No. of graduate Engineers :

 ii) No. of Diploma holders :

2. Non Technical Management

(Details to be enclosed in **Annexure IV**)

I. Technical Specification: in **Annexure V** (filled and enclosed)

I. Completion Period: in **Annexure VI** (filled and enclosed)

**J.** Acceptance Form in **Annexure VII**

**K.** CERTIFICATE as per **Annexure VIII**

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

 Signature

Name and address of the Party

Place:

Date:

**ANNEXURE - I**

|  |
| --- |
| **DETAILS OF ORDER FOR SIMILAR work executed dURING last 5 year** |
| Sl. No. | Name of Client with full address, telephone numbers and nature of work | Order details such as quantity etc. | Value of works completed | Period of Completion with dates(in months) |
|  |  |  |  |  |

**NOTE:**

A MINIMUM OF 3 NOS SIMILAR PROJECTS DURING THE LAST 5 YEARS

**SIGNATURE OF BIDDER**

**ANNEXURE - II**

|  |
| --- |
| **TOTAL NUMBER OF ONGOING INSTALLATIONS OR ORDERS IN HAND FOR SUCH WORKS** |
| Sl. No. | Name of Client with full address, telephone numbers and nature of work | Order details such as quantity, completion time etc. | Value of works |
|  |  |  |  |

**ANNEXURE III**

**(ENCLOSE DETAILS OF ANNUALISED TURN OVER OF THE CONTRACTOR/FIRM/COMPANY IN THE LAST 3 YEARS)**

|  |  |
| --- | --- |
| 1. 2014 - 2015: | INR. |
| 2. 2015 – 2016: | INR. |
| 3. 2016- 2017 : | INR. |

**(Enclose audited Balance sheets in proof for the above period)**

**Note:** Average annual financial turn over of the bidder during the last 3 years, ending 31st March of the previous financial year, should be at least INR 3 Crores.

**ANNEXURE-IV**

**DETAILS OF ORGANIZATION**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sl. No | Name & PostalAddress | Date of Birth | Qualification | Total experience in years | Name of organization served showing position held and period of service in each position |
| 1.2 | **A.ENGINEERING****PERSONNELS** |  |  |  |  |
| 3.4 |  |  |  |  |  |
| 5.6 |  |  |  |  |  |
| 1.2 | **B. MANAGEMENT****(NON TECHNICAL)** |  |  |  |  |

Attach an organization chart

**SIGNATURE OF BIDDER**

**ANNEXURE-V**

**(ENCLOSE DETAILED TECHNICAL SPECIFICATION OF PACKING MACHINE FOR FEMALE CONDOM)**

 **DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF SINGLE LINE STATIC PRESS SEAL PACKING MACHINE FOR FEMALE CONDOM AT HLL LIFECARE LTD, Kakkanad Factory, Cochin**.

1. Package size shall be 110 mm X 110 mm.
2. Product size: Folded female NR latex condom with internal ring product weight: 9.25 g
3. Sigle cavity jaw to be designed (presealing icluded). (Cavity size approx:95x95x depth 6mm each for up and down jaw)
4. Sealing width at 4 sides shall be 7 mm for final pack.
5. Sealing jaw top and bottom MOC should be suitable for ,sealing aluminum foil laminates , preferably HC HCr/ AISI SS 429/430
6. Separate temperature control and display should be given for top and bottom sealing jaws.
7. Knurling details:



1. Speed of the machine shall be 60 cycles per minute so that the output of 60 pcs per minute.(Capacity :60 pcs per min)
2. Counter display for counting finished products.
3. A tear V-notch/perforation shall be there in every pack.
4. A guage for the reference of sealing jaw pressure shall be provided.
5. For product feeding, rotary disc with SS 304 as top portion, shall be provided.
6. Minimum Manpower required for operating the machine/s should be mentioned.
7. Necessary sensors with no voltage contact signals shall be provided for automatic lubricant dosing and batch printing devices.
8. Power outlet of 2 nos 6A / 220 VAC shall be provided for lubricant dosing and batch printing devices.
9. Automatic stopping system for foil finishing.
10. Eye mark sensing and synchronization required.
11. Trim waste management system should be provided.
12. Safety systems to protect workers, auto shutdowns with power, air failures etc should be made available in the machine.

|  |  |
| --- | --- |
| 1 | **DESIGN APPROVAL** |
|  | Detailed machine drawings, electrical wiring, ladder diagram, to be submitted within 30 days from the date of issue of supply order through NDA |
|  | System should be capable for packing FC at the rate of 60 pcs/min |
|  | Once the preliminary design drawing is ready, HLL will thoroughly verify the design and any incorporations / modifications will be communicated through proper channel to the vendor and changes should be accommodated in the final design. |
|  | Final drawing incorporating the Additions/Deletions made in the preliminary drawing is to be submitted along with the quotation. |
|  | Once the final drawing is approved by HLL, within 1 months machine should be ready for initial testing and trials. Condoms for testing will be supplied by HLL.  |
| 2.  | **MACHINE QUALIFICATION TRIAL-PARTY SITE** |
| a | Machine qualification (MQ-1) trial will be done by HLL at party’s site on confirmation of date by the party. |
| b | During the qualification trail 10,000 pieces of female condoms will be packed continuously. Loading efficiency, seal integrity of the packs will be verified and any deviation will be communicated and rectification shall be initiated and to be completed  |
| c. | Machine Qualification trial-2 will be carried out on proper communication received from the party stating that problems encountered during the MQ-1 has been rectified. 10000 pieces of femal condoms will be packed again. |
| d. | Machine Qualification trails will be continued till the system found stable and performance of the machine is proved based on the original requirements specified by HLL. |
| f. | HLL reserves the right to conduct more machine trials if need arises during Factory Acceptance Test. |
| g. | On successful completion of trials and on approval by HLL, machine can be dispatched to HLL site within 10 days. Transit insurance will be under party’s scope. |
| 3. | **SITE REQUIREMENTS** |
|  | Utilities, Civil works for erection of machine will be under HLL scope. Unloading of machine and placing of machine will be under HLL scope. Party’s authorized representative should visit HLL prior to dispatch and ensure that site requirements is sufficient enough and any modification required is to be intimated through proper channel. |
| 4. | **INSTALLATION** |
|  | Installation of machine with all sub systems will be under purview of the party. Utilities including compressed air, electrical connection to the nearest point of machine will be given by HLL.  |
|  | Installation Qualification report to be made jointly by HLL and the party. Performance of all the motors, geared drives, sensors, HMI , functionality of PLC’s will be thoroughly monitored and will be recorded.  |
| 5 | **TRIAL RUN** |
|  | Trial run of the machine to be carried. Authorized Engineers representing the party should be present at the site during the trial run. Placing of FC on infeed conveyor, orientation, sealing, cutting, will be monitored in factory conditions. All the required parameters like loading efficiency, speed of machine, seal integrity will be checked thoroughly. Party should hold the responsibility of correcting any deviations reported. |
| 6 | **VALIDATION** |
|  | Installation Qualification, Operational Qualification (3 runs of approximately 250 pcs) and Performance Qualification (3 lots of approximately 1000 pcs/lot) of the machine will be carried out by HLL. Party’s authorized engineer should be present at the site during validation. Party should hold the responsibility of correcting any deviations reported |
| 7 | **OPERATION AND MAINTANCE TRAINING** |
|  | Party should give training to 3 Executives/Officers and 5 technicians of HLL for a period of 1 week.  |
| 8 | **DOCUMENTATION** |
|  | Machine operating and maintenance manual, Complete drawings of the machine inclusive of electrical Wiring, P&I Standard operating procedures should be provided. |
|  | Complete spare part list should be given. Critical spares in this list should be earmarked. |
| 9 | **Warranty**  |
|  | Comprehensive Warranty for one year should be provided. This includes replacement of spares free of cost. Any operational, maintenance issues also to be addressed within minimum lead time free of cost.  |

**SIGNATURE OF THE BIDDER WITH SEAL**

 **ANNEXURE-VI**

**DELIVERY TIME / COMPLETION PERIOD**

**(Design, Supply installation and commissioning of PACKING MACHINE FOR FEMALE CONDOM)**

**SIGNATURE OF THE BIDDER WITH SEAL**

**ANNEXURE VII**

**ACCEPTANCE FORM**

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

From

To

Unit Chief (KFC) ,

**HLL LIFECARE LIMITED**

**Kakkanad Factory, CSEZ**

**Kakkanad P.O,ERNAKULAM-682037,**

**KERALA, INDIA**

Dear Sir,

I / We, hereby offer to design/fabricate/supply/install/testing/commission 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 **ONE YEAR** 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 work required and my/our offer is to comply strictly in accordance with the requirement and the terms and conditions mentioned above. Wear and Tear parts of the Packing Machine.

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

Yours faithfully,

**SIGNATURE OF THE BIDDER WITH SEAL**

**ANNEXURE VIII**

**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.)

**CHECK LIST FOR TECHNICAL BID**

|  |  |  |  |
| --- | --- | --- | --- |
| **Sl No.** | **Item** | **Yes/No** | **Remarks** |
| 1 | Are you an original manufacturer/agent of Packing Machines |  |  |
| 2 | Enclosed EMD as prescribed in the tender |  |  |
| 3 | Application of Pre-qualification duly filled, signed and sealed by the tenderer |  |  |
| 4 | Enclosed Details of minimum three similar Orders Executed in last 5 years including certificate of performance from your customers (Reputed condom manufacturers) – **Annexure I** |  |  |
| 5 | Enclosed Details of ongoing Orders under execution – **Annexure II** |  |  |
| 6 | Enclosed Turnover Details – **Annexure III** |  |  |
| 7 | Enclosed Details of Organization – **Annexure IV** |  |  |
| 8 | Enclosed Technical Specification including Catalogue of machines – **Annexure V** |  |  |
| 9 | Attached Delivery/Completion Period (Minimum time required to deliver the entire mould assembly from the date of receipt of confirmed order) – **Annexure VI** |  |  |
| 10 | Enclosed signed and sealed Acceptance Form – **Annexure VII** |  |  |
| 11 | Enclosed Certificate signed and sealed –**Annexure VIII** |  |  |
| 12 | Attached Detailed list of spares for 2 Years operation |  |  |

**SIGNATURE OF THE BIDDER WITH SEAL**