

HLL LIFECARE LIMITED
(A Government of India Enterprise)
AKKULAM FACTORY, SREEKARIYAM P.O.,
THIRUVANANTHAPURAM-695017
Email: materialsft@lifecarehll.com
Website: www.lifecarehll.com
PH: +91 471 2442641, 2445930
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INVITATION FOR BID

FOR

**Design, Fabrication, Supply & Qualification of Mould for
TRANSFUSION PORT (TP)**

Quantity: 1 Number

AT

**AKKULAM FACTORY
THIRUVANANTHAPURAM - 695 017**

TENDER NOTICE

Sealed and superscribed tenders are invited for **Design, Fabrication, Supply & Qualification of Mould for TRANSFUSION PORT (TP) - One Number** at HLL Lifecare Ltd, Akkulam Factory, Thiruvananthapuram

Name of the Item	Tender No:	Last Date & Time of receipt of bids	Delivery
Design, Fabrication, Supply & Qualification of Mould for TRANSFUSION PORT (TP)	HLL/AFT/PUR/MO ULD/TP/2021- 2022 dt. 09/07/2021	23/07/2021 at 2.00 PM	90 days (From the date of LOI/PO)

Date of the tender opening is 23.07.2021 at 3.00 PM

EMD : Rs 20,000/-

Tender Fee Rs 500 + GST (Rs 590/-)

The tender can be downloaded from our Website at :
<http://www.lifecarehll.com/tender>.

Joint General Manager (Materials)

Ph No: +91 471 2445930

Fax No: +91 471 2445935

Email: materialsft@lifecarehll.com,

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INSTRUCTIONS TO BIDDERS

1. The Bid is intended to procure material as per specification in Schedule A.
2. Tender number shall be super scribed on the respective covers. The marked Bids enclosed in a sealed cover with the respective Tender No. mentioned thereon, addressed to the **The Joint General Manager (Materials) HLL Lifecare Limited, Akkulam Factory, Thiruvananthapuram - 695017, Kerala, India** should reach us on or before the due date and time mentioned in the Tender Notification. HLL shall not be responsible for any delay. Tender brought to the office after prescribed time will not be accepted. HLL will not be responsible for any delay in transit of tenders sent by post.
3. In the event of the date mentioned above being declared subsequently as holiday for the purchaser's office, the due date for submission and opening of bids will be the next working day at the same venue and time.
4. The Purchaser may, at its discretion, extend the date & time for the submission of bids by amending the bid documents in which case, all rights & obligations of the Purchaser & bidders shall the subject to the extended date & time.
5. Bids received after the deadline for submission shall not be considered.
6. The Bidder is expected to examine all specifications, **Mould design concept drawing**, Instructions, Forms, terms and conditions given in the Bidding documents. Failure to furnish all information required in the Bidding documents or submission of a Bid not substantially responsive to the bidding documents in every respect will be at the Bidders risk and may result in rejection of the Bid. Any clarification required will have to be obtained from our office.
7. A Declaration as given in **Schedule - F** stating that **ALL TERMS AND CONDITIONS** of this Tender is acceptable should accompany the tender failing which the tender is likely to be summarily rejected.
8. The Price Bid of those Tenderers who qualify in the Technical Bid only will be opened.
9. Those bidders who download the tender documents from our website should furnish the Name and address of the vendor, name of contact person, telephone & Fax numbers and Email details immediately by fax/Email.
10. Any changes pertains to this tender shall be communicated only through our website www.lifecarehll.com.

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Schedule - A

SPECIFICATION FOR 16 CAVITY TP MOULD

1. Item Name: 16 cavity Mould for Transfusion Port
2. Mould to be fabricated and loaded on ENGEL e-Victory 170/110 Pro , tie bar less Injection Moulding Machine Ref. Drawing No. 5563-907-291-10-021
3. Component drawing No: HLL/AFT/TP/05/2015, Rev. No.: 01
4. Material of the component: Medical grade soft PVC, Moulding grade, shore A-Hardness- 72 to 78. Raw material for mould trials will be supplied by HLL.
5. Type of mould: 3 plate side core mould (the component must be fully accommodated in the split cavity (side cores). High quality tool steel shall be used for the fabrication of side cores and hardness shall be greater 55 HRC
6. Gate design: Submarine gate
7. Core pins & Cavity pins: High quality Tool steel shall be used for the manufacturing of Core pins and Cavity pins , Preferable Hardens 50-53 HRC
8. Air vents in cavity pins and core pins: Suitable air vents must be provided in core pins and cavity pins so as to ensure the proper filling of 0.65mm thick diaphragm in the middle of the component. Provisions to be provided on the core pins and cavity pins for the periodic cleaning of air vents.
9. Ejector system: Stripper plate ejector system
10. Method of degating: Automatic and the gate projection shall be less than 100 micron.
11. Allowable parting line limit: 50 micron
12. Split Cavity activation if any preferably by finger cam mechanism.
13. Mould design should be so as to facilitate ease of removing cavity pins and core pins for frequent cleaning.
14. The cooling inlet / outlet to the mould should align on to the non-operator side of the machine.
15. Mould should be of Class 101- SPI and shall be capable produce 3 million shot components (48 million components).
16. Standard mould base, parts, core pins DME or equivalent and suitably heat treated / hardened.

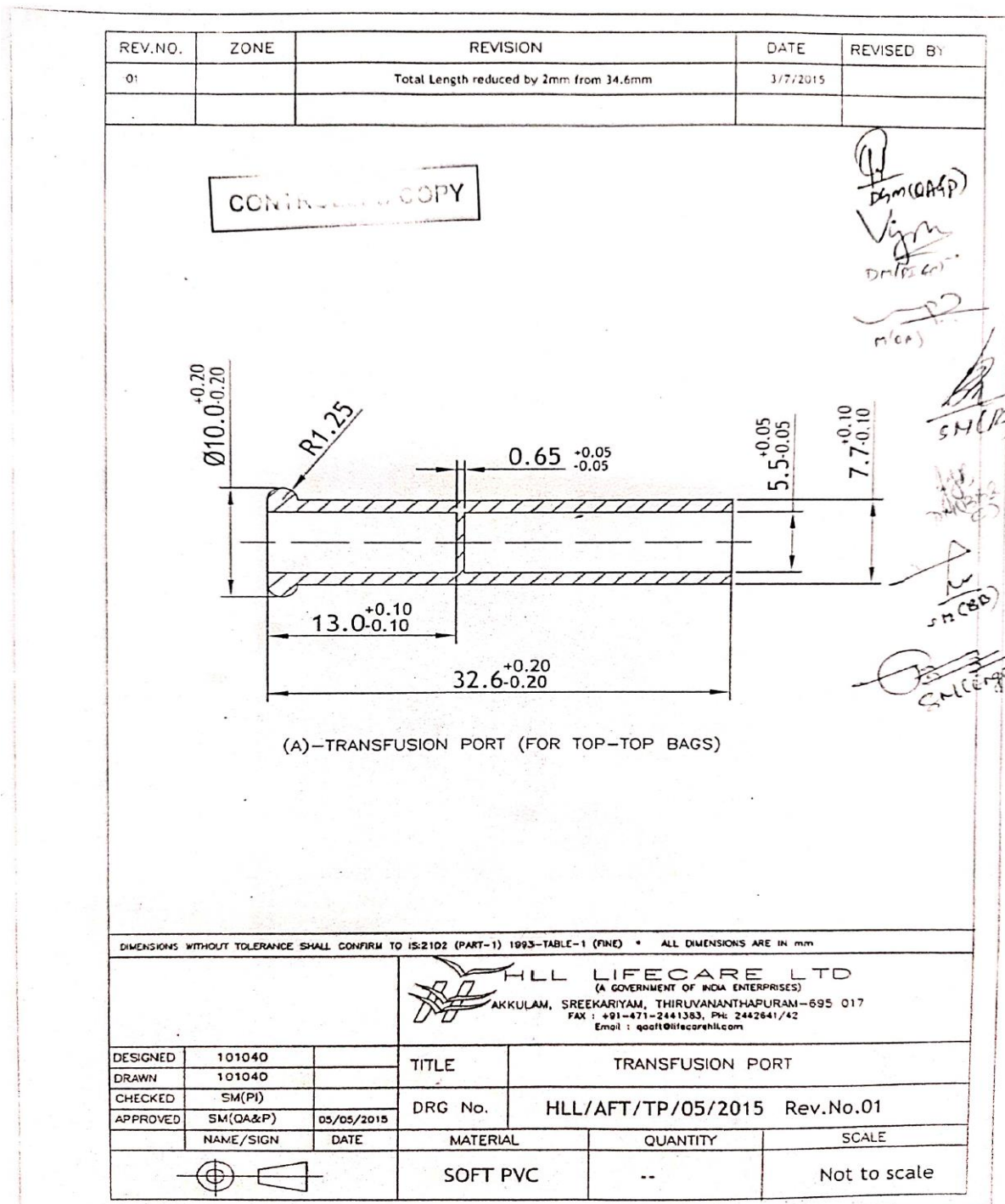
17. One additional set of spare core-pins, cavity pins and ejector pin to be supplied along with the mould.
18. Detailed mould drawings (including the details of side cores, core pins, cavity pins, ejector pins, stripper plate, etc.) to be supplied along with the mould (1 set of Hard copy and soft copy in CAD format / pdf format).
19. Mould design approval: The supplier must get the mould design approval from HLL before commencing the mould fabrication.
20. Factory acceptance test of Mould: The mould should run at least 3 continuous shift at suppliers site without any problem and the moulded components must comply the quality parameters mentioned below
- a) Moulded Components must meet the dimensional requirement mentioned in the part drawing no. HLL/AFT/TP/05/2015, Rev. No.: 01. The components must be free from Flash, Burrs, black spot, Colour change, Voids, Short moulding, Ovality, Deformation at gate point, Silver streaks, Burn marks, Bend, warpage, Sink marks & Cracks. The components moulded should not bend, crack or deform after autoclaving (steam sterilization at 119°C for 35 minutes).
- Frequency of inspection: Visual Inspection at every hour on 3 consecutive shots. Dimensional Inspection at Production start-up / once in every shift / after any correction in mould or process setting). Autoclaving test at every four hour on 3 consecutive shots. Leak test should be done for autoclaved components to ensure the components are free from leakages (through diaphragm and gate points). The allowable shrinkage for components after autoclaving is less than 5%.

Item name	Critical Dimensions	Major defects
Transfusion Port	-Diaphragm thickness: 0.65 ± 0.03 mm -OD (opposite to rib side): 7.7 ± 0.10 mm -ID (opposite to rib side) : 5.5 ± 0.05 mm -Length of TP : 32.6 ± 0.20 mm	1. Weld line/ crack or hole/ haziness/ flash in diaphragm (before and after autoclaving). 2. Puncture on gate point (before and after autoclaving). 3. Flash on parting line (>50 micron). 4. Gate projection (>100 micron) 4. Deformation of component before and after autoclaving.

21. Site Acceptance test at HLL, Akkulam Factory: The mould should run at least 9 continuous shifts at HLL Akkulam Factory without any problem and the moulded components must comply the quality parameters mentioned in above point no.20.a

22. Warranty period: For a period of 1 Year, from the date of acceptance of mould at HLL Akkulam Factory. During the period the supplier must repair / replace defective parts of the mould at free of cost including the cost of necessary parts / components.

TRANSFUSION PORT (TP) - PART DRAWING



DIMENSIONS WITHOUT TOLERANCE SHALL CONFIRM TO IS:2102 (PART-1) 1993–TABLE–1 (FINE) * ALL DIMENSIONS ARE IN mm

Minimum Eligibility Criteria

**Questionnaire to be filled for Minimum Eligibility Criteria for qualifying in the
Technical Bid**

1.	Have executed similar type of hot runner mould for medical application.	YES/NO
2.	Do you have minimum three year experience in manufacturing and supply of product? (essential criteria for qualifying the Technical bid)	YES/NO
3.	EMD furnished or not	YES/NO
4.	Tender Fee furnished or not	YES/NO
5.	Have you furnished Declaration as per Schedule F	YES/NO
6.	What is your Annual Turnover for the last three years?	
7.	Have you attached Udyog Aadhar registration certificate and bid Security declaration form (Schedule G) if you are MSME/SSI Bidder	YES/NO
8.	Do you agree to provide Security Deposit for an amount (3% of Order value) by DD or Bank guarantee from a National / Scheduled Bank before under taking the work, if awarded.	YES/NO

All the information provided herein is true & correct

PLACE:

NAME AND SIGNATURE OF THE APPLICANT

DATE:

(WITH OFFICE SEAL)

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III. QUESTIONNAIRE

(General information of the supplier)

1. Name & Address of the supplier with :
(a) Telephone No.
(b) Fax No.
(c) E - mail Address
(d) Name of the contact person
(e) Whether proprietary / partnership /
Limited company.
(f) Specify whether SSI / MSME unit
If Yes, pl specify if your unit is owned by :
SC/ST entrepreneur
(g) MSME Udyog Aadhar No.

2. How many years have you been in the :
business of manufacturing

3. What would be the minimum period :
required to deliver the mould from the date of
confirmed Purchase order?

4. Are you an existing supplier to HLL? (and if yes,
Since when.....)

5. Have you been a supplier / manufacturer, :
if so details of the name, address,
quantity and values of orders
received and executed during
last three years? (Attach separate sheet)

6. Have you executed similar type of fully hot :
runner mould for medical application. If yes
give details with proof.
7. Are you willing to accept HLL technical team :
site visit to evaluate the tool manufacturing
facility as part of technical bid qualification.
8. Have you attached the mould concept design :
drawing with the technical file (If it is not
attached, the tender is likely to be rejected)
9. Brief details of the machinery, instruments :
and technical staff
(attach separate sheet if required)
10. Name of major customers
(attach separate sheet if required)
11. What is your Annual Turn Over during the :
last 3 years?
12. What is your :- :
a) GST No
d) PAN No :
13. Name & Address of your Banker(s) :
14. Any other details :

All the information provided herein is true & correct.

PLACE:

NAME & SIGNATURE OF THE APPLICANT

DATE:

(WITH OFFICE SEAL)

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IV. TERMS & CONDITIONS

1. The tender should be completed in all respects; incomplete tenders are liable to be rejected.

The bidder shall furnish, as part of his Bid, a **Bid Security (EMD)** for an amount of **Rs 20,000/- and a tender fee of Rs 500 + GST (Rs 590/-)**. Each bid must be accompanied by EMD. Any Bid not accompanied by an acceptable Bid Security (EMD) shall be rejected as non-responsive. Tender fee (Non-refundable) and EMD as per the tender conditions shall be paid separately, thru RTGS/NEFT transfer or as DD in the following HLL A/c details:

Name of Bank: State Bank of India
A/c number: 30307559515
IFSC Code: SBIN0004350
Branch name: Commercial Branch, Thycaud, Thiruvananthapuram

Note: SSI/MSE units interested in availing exemption from payment of Tender Fee & EMD should submit a valid copy of their MSME /Udyog Aadhaar registration certificate.

NOTE: MSME bidders have to sign a Bid Security Declaration form accepting that if they with draw or modify the bids during period of validity etc , they will be suspended for the time specified in tender documents

2. SUPPLY:

The successful tenderer will have to supply the mould within the stipulated delivery time mentioned in the Purchase order .

3. TERMINATION OF CONTRACTS:

In case, after issue of a firm order, the successful tenderer fails to supply the item as per the specified quality and the required quantity according to the Delivery Schedule as given in the Supply Order, and even fails to complete the supply within the extended period if any given in writing by HLL Lifecare Limited, Thiruvananthapuram, it will be within HLL's full rights to terminate the contract.

HLL Lifecare Limited, will have the full right to reject any or all the tenders without assigning any reason whatsoever. The HLL Lifecare Limited, also reserves the right to award the contract with more than one contractor.

4. PRICE:

Price: The tenderer has to quote the rate for supply of the item as per unit as given in the tender. Statutory levies if any such as GST etc. should be shown separately. Rates quoted should be strictly as per HLL's format.

Price variation: Rate quoted shall be firm and valid for a period of one year from the date of opening of the tender. The benefit of reduction of statutory levies should be passed on to the purchaser.

5. RELEASE OF PURCHASE ORDER:

The purchaser may consider placement of a purchase order for commercial supplies on those bidder(s), whose offers have been found technically, commercially and financially acceptable.

During the period of contract, if so desired by the purchaser, the supplier (s) premises shall be visited by the purchaser for inspection/evaluation.

Security deposit: On awarding the contract, the tenderer shall furnish Security Deposit by either Cash Deposit or Bank Guaranty for a value of **3% of Order value subject to a maximum of Rs 2,00,000/-** which will be returned without interest on completion of contract period. This Security Deposit shall be forfeited in case the tenderer withdraws from the contract once it is awarded or fails in completing the work in time as required by the Company or in case any loss or damage is caused to the Company by the contractor or by his/her/its workers or on breach of any of the conditions of the contract. Loss or damage caused to the Company at the instance of the contract shall be recovered from the Security Deposit in proportionate to the loss or damage sustained by the Company and the decision on the amount of compensation for the loss or damage shall be at the discretion of the company. The Company shall also have the right to recover such loss or damage from the movable or immovable properties of the contractor and his heirs and legal representatives if the loss or damage caused is in excess of Security Deposit.

6. PAYMENT:

1. 60% of the order value against successful mould trial and qualification of components at supplier's site.
2. 30% of order value against supply, qualification and acceptance of mould at HLL AFT.
3. 10% will be retained as Retention Money which shall be paid after one year from the date of successful SAT OR shall be paid against a performance bank guarantee for an amount equivalent to 10% of order value from a scheduled bank with validity of one year from date of acceptance of the mould.

Normally the Purchaser will not entertain any advance payment. However, the bidder can indicate advance payment in the payment terms, if required. Moreover such advance payment, will be released against submission of a Bank guarantee, on a specific format

given by the supplier, from a nationalized/scheduled bank for like amount valid up to the supply of equipment at purchaser's site.

7. Warranty: One year from the date of acceptance of the mould.

8. PURCHASER'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS

The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders on the grounds of purchaser's action.

9. TRAINING

The bidder shall provide necessary training for operation & maintenance staffs of the purchaser at free of cost.

10. Despatch documents like delivery note/challan, packing list and invoice should be intimated immediately with the LR No/Shipping Bill No/Air way Bill No.

11. The jurisdiction of any disputes, suits and proceedings arising out of this tender shall be only in the courts of Thiruvananthapuram, Kerala State, India

12. "Any disputes or difference whatsoever arising between the parties out of or relating to the construction, meaning and operation or effect of this contract or the breach thereof shall be settled by arbitration in accordance with the rules of arbitration of the Indian Council of Arbitration and the award made in pursuance thereof shall be binding on the parties" in case the matter is referred for arbitration.

13. The decision of HLL will be final and no correspondence on this shall be entertained.

14. There will not be any post tender negotiation except with the first lowest responsive bidder

15. The jurisdiction of any disputes, suits and proceedings arising out of this tender shall be only in the courts of Thiruvananthapuram, Kerala State, India.

16. Penalty clause: If the supplier fails to supply within the specified period, the penalty shall be charged at 0.5% of the contract amount for every week that the whole or the part of the supply remains incomplete, subject to a maximum of 10% of the order value.

17. This tender is liable to be cancelled at any time at the discretion of the Unit Chief of Akkulam Factory, Thiruvananthapuram without assigning any reason or giving any notice and his decision will be final and binding on all concerned parties.

Joint General Manager (Materials)

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V. INDEMINITY CLAUSE:

If the supplier fails to execute the order within the time prescribed for the delivery of goods ordered or violates or infringes the existing rates as agreed to as mentioned in the supply order, the supplier shall and will indemnify the company against all loses or damages whatsoever to be incurred or sustained including the legal cost or expenses incurred by the company by reason of non-delivery of equipment at agreed quantity and rate with in the time specified in the supply order. The company will initiate legal action if the supplier fails to execute the supply order as per the schedule in the supply order for the actual loss suffered. Responsiveness of the Bid shall be at the discretion of HLL.

The supplier shall have no right to change the conditions stipulated in the supply order.

Bid pronounced Non Responsive by HLL shall be summarily rejected.

The decision of HLL will be final and no correspondence of this shall be entertained.

We have read and understood the above conditions and agree to abide by the same.

PLACE: NAME AND SIGNATURE OF THE APPLICANT

DATE: (WITH OFFICE SEAL)

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VI. DECLARATION

We confirm having read and understood all the specifications, instructions, forms, terms and conditions and other requirements of the above tender (both expressed and implied) in full and that we agree to abide by all without any deviation.

SEAL OF THE APPLICANT

SIGNATURE

NAME AND ADDRESS OF APPLICANT

BID SECURITY DECLARATION FORM

Date: _____ Tender No. _____

To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

- a) have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
- b) having been notified of the acceptance of our Bid by the purchaser during the period of bid validity
 - (i) fail or reuse to execute the contract, if required, or
 - (ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown)

in the capacity of (insert legal capacity of person signing the Bid Securing Declaration)

Name: (insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)

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INVITATION FOR BID

(PRICE BID)

FOR
Design, Fabrication, Supply & Qualification of Mould for
TRANSFUSION PORT (TP)

Quantity: 1 Number

AT

AKKULAM FACTORY
THIRUVANANTHAPURAM - 695 017

HLL LIFECARE LIMITED
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VII. PRICE BID

NAME OF THE ITEM: Design, Fabrication, Supply & Qualification of Mould for TRANSFUSION PORT (TP)

Sl. No:	Particulars	Unit	Qty	Rate (Rs.)	Amount (Rs.)
1.	Design, Fabrication, Supply & Qualification of Mould for TRANSFUSION PORT (TP)	No	1		
2	Any other expenses				
Total Amount (Rs.)					
GST (Specify HSN Code:.....)					
Grand Total (Rs.)					

Any other Remark (s) :

Certified that the rate quoted will hold good for 90 days, during which period no upward revision will be asked for.

NAME OF TENDERER: _____

Place:
Date:

ADDRESS AND SIGNATURE OF THE TENDERER
(WITH OFFICE SEAL)