

TAMIL NADU LIVESTOCK DEVELOPMENT AGENCY

Tender No. TNLDA/2022/05

Tender Reference No. 84/E/AIIRLIVAS/TNLDA/2022

TENDER DOCUMENT FOR THE ESTABLISHING AND COMMISSIONING OF SMALL RUMINANT SLAUGHTER LINE OF 25 GOATS/SHEEP PER HOUR AT THE ADVANCED INSTITUTE FOR INTEGRATED RESEARCH ON LIVESTOCK AND ANIMAL SCIENCES AT THALAIVASAL KOOT ROAD IN SALEM DISTRICT. (With Automatic Conveyor capacity line 25 Goats/Sheep hour per hour including, processing, Steel Structure, PUF Panels, Refrigeration, Internal Electrical and Plumbing work inside the building Related to Slaughter Machinery)

Period of availability of tender forms (to be downloaded from website)	:	10.05.22 to 9.06.22 upto 5 pm
Pre-bid meeting	:	18.05.22 at 11.30 am
Last date of availability of tender form	:	09.06.22, upto 5.00 pm
Last date for submission of tender	:	10.06.22 upto 11.00 am
Date and time of opening of tender	:	10.06.22 at 11.30 am

Address:

**Tamil Nadu Livestock Development Agency,
4th Floor, Integrated Office Complex for Animal Husbandry
and Fisheries Department,
571. Anna Salai, Saidapet Veterinary Polyclinic Campus,
Nandanam P.O., Chennai-35.**

Phone: 044 -24310412, 044-24345362

Fax: 044 -24345361

e-mail: tnlda2016@gmail.com,

CHECKLIST

COVER – A

1	Check List	Page No.		Yes		No	
2	Signed copy of important instructions for submission of the tender	Page No.		Yes		No	
3	Letter offering tender	Page No.		Yes		No	
4	Earnest Money Deposit	Page No.		Yes		No	
5	Duly attested photocopy of Registration Certificate of the company	Page No.		Yes		No	
6	Documentary evidence for constitution of the firm	Page No.		Yes		No	
7	Copy of manufacturing license of manufacturer (if manufacturer)	Page No.		Yes		No	
8	Duly attested photo copy of valid Import License, for the imported items quoted	Page No.		Yes		No	
9	Authorization like Power of Attorney, resolution of board, for the Senior Officer of the company who has signed the tender documents.	Page No.		Yes		No	
10	Balance Sheet & Profit and Loss Account for last three years (2018-19 to 2020-21)	Page No.		Yes		No	
11	Copy of tender conditions and schedules, duly signed by the Tenderer. Page No. (1 to 18)	Page No.		Yes		No	
12	GST remittance statement for last three years from 2018-19 to 2020-21 (Annexure -I) along with copy of GST Registration Certificate	Page No.		Yes		No	
13	Declaration (Annexure - II)	Page No.		Yes		No	

14	Performance statement (sales/ execution of projects) for last three years (2018-19 to 2020-21) (Annexure - III)	Page No.		Yes		No	
15	Annual Turnover Statement for last three years (2018-19 to 2020-21) (Annexure - IV)	Page No.		Yes		No	
16	Specification (Annexure - V)	Page No.		Yes		No	
17	Authorization letter nominating a Senior Responsible Officer of the company with authority to participate in the tender and transact business. (Annexure - VI)	Page No.		Yes		No	
18	Details of Manufacturing Unit (Annexure - VII)	Page No.		Yes		No	
19	Duly attested photocopy of valid ISO certificate	Page No.		Yes		No	
COVER – B (Price Bid)							
20	ANNEXURE – VIII	Page No.		Yes		No	

Note: At the time of opening of tender, the authorized representatives who choose to be present should submit a copy of authorization letter to the competent authority, before entry. (Annexure VI).

IMPORTANT INSTRUCTIONS FOR THE SUBMISSION OF TENDERS

1. The tender document is downloadable free of cost from www.tenders.tn.gov.in
2. The document would be downloadable upto 5.00 p.m. on **09.06.2022**
3. A Pre-bid meeting is scheduled at the office of the Chief Executive Officer, Tamil Nadu Livestock Development Agency, 4th Floor, Integrated Office Complex for Animal Husbandry and Fisheries Department, 571, Anna Salai, Saidapet Veterinary Polyclinic Campus, Nandanam P.O., Chennai-35, on **18.05.22, 11.30 am** to clarify the doubts about the terms and conditions in the tender document.
4. Read the tender documents completely before submission of the tenders.
5. Follow the instructions given in the tender document scrupulously.
6. All the pages should be serially numbered.
7. The check list should be completely filled along with page numbers.
8. A copy of the tender conditions and the schedules should be signed by the tenderer at the right-hand bottom of each page with the office seal duly affixed and returned alongwith the tender.
9. Arrange the documents neatly and as in the order stipulated in the tender document, give continuous page numbers and secure it tightly without any loose paper.
10. Enclose only relevant and specific documents as called for in the tender document.
11. Give the Specifications of the item offered completely with trade name if any, Model No. /Name if any and the detailed specification **in a separate sheet** in addition to the attachment of catalogues, if any.
12. All the documents/copies of documents must have been attested not earlier than six months before the submission of tender.
13. All the documents/copies of documents must be neat, clear and legible without any ambiguity and labeled appropriately.
14. **A covering letter signed by the competent authority has to be enclosed with the tender document.**
15. Documents/copies of documents submitted in languages other than English or Tamil must be accompanied by an English or Tamil translation of the same duly attested.
16. Tamil Nadu Livestock Development Agency will not be responsible for any postal delay.
17. All the representatives who choose to be present at the time of opening of bids have to submit a Letter of Authorization from the competent authority in advance, before entry.
18. The tenderer shall ensure that no person acting for them or on their behalf will try to influence or engage in bribery.

Tenders not fully complying with the instruction for submission of tenders are liable to be rejected summarily

Letter offering tender

(The tenderer must prepare the Letter of on stationery with its letterhead clearly showing the tenderer's complete name and address and this should be placed as the first paper of the tender)

Our Reference: No..... Dated.....

To:

The Chief Executive Officer,
Tamil Nadu Livestock Development Agency.
IV Floor. Integrated office complex of Animal Husbandry and Fisheries Department,
571 Anna Salai, Saidapet Veterinary Polyclinic campus,
Nandanam PO, Chennai-600035.

Sir,

Subject : Tender for the Establishing and commissioning of small ruminant slaughter line of 25 goats /sheep per hour at The Advanced Institute for Integrated Research on Livestock and Animal Sciences, Thalaivasal Koot road, Salem District. -submission of-reg.

Ref : **Tender Reference No.84/E/AIIRLIVAS/TNLDA/ 2022.**
Tender No. TNLDA/2022/05

We, the undersigned, hereby submit our tender for the Establishing and Commissioning of Small Ruminant Slaughter Line of 25 Goats/Sheep per hour (with Automatic Conveyor capacity line 25 Goats/Sheep hour per hour including, processing, Steel Structure, PUF Panels, Refrigeration, Internal Electrical and Plumbing work inside the building related to Slaughter Machinery) at AIIRLIVAS project campus of Animal husbandry Department

In submitting our tender, we make the following declarations:

- a. We have examined and offer to supply in conformity with the tender Document and in accordance with the Delivery Schedules specified in the tender document.
- b. We meet the eligibility requirements and have no conflict of interest, and we have not been temporarily suspended or debarred by the State Government/Central Government
- c. We have enclosed the Checklist and the tenderers profile, fully filled and signed
- d. We have enclosed a copy of the tender documents duly sealed and signed.
- e. We have enclosed the following documents/copies of the document

- 1.....
- 2.....
- 3.....
- 4.....
- 5.....
- 6.....
- 7.....
- 8.....
- 9.....
- 10.....
- 11.....
- 12.....
- 13.....
- 14.....
- 15.....

(as per enclosure enclosed)

We hereby certify that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of corrupt, fraudulent, collusive, coercive, or obstructive practices.

Yours faithfully,

Signature of Authorized Signatory

Name & Title of Signatory _____

In the capacity of

[insert legal capacity of person signing the Letter of Quotation]

Name of Bidder _____

Address _____

Dated on _____ day of _____, _____ *[insert date of signing]*

Seal of the Company

PROFILE OF THE TENDERER/COMPANY

IMPORTANT: Please fill all the columns without any omissions

All the items should be filled with details and numbers and not filled as enclosed etc.

1	Name of the company(tenderer).	:	
2	Contact details.		
	Full postal address.	:	
	Pincode.	:	
	Telephone No. with STD code	:	
	Mobile No.	:	
	Email id.	:	
	Name of the Contact person.	:	
	Designation of the contact person.	:	
3	Address of the manufacturing unit /facility	:	
4	Manufacturing license for the product for which tender is offered.	:	
5	Registration No. of the company with year of registration.	:	
6	No. of units manufactured in the past three years in case of manufacturer.		
	2020-21	:	
	2019-20	:	
	2018-19	:	
7	Annual turnover of the company during the past three years.		
	2020-21	:	
	2019-20	:	
	2018-19	:	
8	Whether the company has ISO certification, if yes valid upto.	:	
9	Does the product offered have Indian Standard (BIS) certification?		
10	GST remitted and returns filed during the past three years (Rs.)		

	2020-21	:	
	2019-20	:	
	2018-19	:	
11	Goods and services taxes (GST) registration No.	:	
12	Details of Earnest Money Deposit		
	Amount (Rs)	:	
	DD/Bank Guarantee No. and date	:	
	Issuing Bank	:	
	If exempted details	:	
13	No. of units of item offered sold during the last three years.		
	2020-21	:	
	2019-20	:	
	2018-19	:	
14	Name of the Authorized Signatory		
15	Designation of the authorized signatory.		

CONDITIONS OF TENDER FOR THE ESTABLISHING AND COMMISSIONING OF SMALL RUMINANT SLAUGHTER LINE OF 25 GOATS/ SHEEP PER HOUR AT THE ADVANCED INSTITUTE FOR INTEGRATED RESEARCH ON LIVESTOCK AND ANIMAL SCIENCES AT THALAIVASAL KOOT ROAD IN SALEM DISTRICT. (with Automatic Conveyor capacity line 25 Goats / Sheep per hour including, processing, Steel Structure, PUF Panels, Refrigeration, Internal Electrical and Plumbing work inside the building Related to Slaughter Machinery except civil work)

1. Sealed Tenders under two cover system will be received till **11.00 am on 10.06.2022** by the Chief Executive Officer, **Tamil Nadu Livestock Development Agency, 4th Floor, Integrated Office Complex for Animal Husbandry and Fisheries Department, 571, Anna Salai, Saidapet Veterinary Polyclinic Campus, Nandanam P.O., Chennai-35** for establishing and commissioning of small ruminant slaughter line of 25 goats /sheep per hour with Automatic Conveyor capacity line 25 Goats/Sheep hour per hour including, processing, Steel Structure, PUF Panels, Refrigeration, Internal Electrical and Plumbing work inside the building Related to Slaughter Machinery except civil work (electrical and plumbing)
2. **Manufacturers and/ or service providers having valid license whose average annual turnover for 3 years i.e.2018-19 to 2020-21 is more than Rs.1.00 Crore and the annual turnover for the year 2020-2021 is also more than Rs.1.00 Crore and those who are in the market during the past 3 years in India and have supplied, installed and commissioned at least 2 projects similar to the project in this document during the last 3 years i.e. 2018-19 to 2020-21 in India are eligible to participate in the tender.**
3. The tender should consist of cover ‘A’ containing the technical bid and Cover ‘B’ the price bid both sealed separately and placed in another cover and sealed.
- 3.1. **The tenderer should send the following documents for the items tendered, arranged serially as per the checklist, in a cover hereafter-called “Cover A” addressed to the Chief Executive Officer, Tamil Nadu Livestock Development Agency, 4th Floor, Integrated Office Complex for Animal Husbandry and Fisheries Department, 571, Anna Salai, Saidapet Veterinary Polyclinic Campus, Nandanam P.O., Chennai-35 and superscribed as “COVER ‘A’ - “TENDER FOR THE ESTABLISHING AND COMMISSIONING OF SMALL RUMINANT SLAUGHTER LINE OF 25 GOATS/**

SHEEP PER HOUR AT THE ADVANCED INSTITUTE FOR INTEGRATED RESEARCH ON LIVESTOCK AND ANIMAL SCIENCES AT THALAIVASAL KOOT ROAD IN SALEM DISTRICT DUE ON 10.06.22, AT 11.00 am”.

List of documents to be enclosed in Cover ‘A’

- a. Check list
 - b. Signed copy of important instructions for submission of the tender
 - c. Earnest Money Deposit
 - d. Duly attested photocopy of Registration Certificate of the company
 - e. Documentary evidence for constitution of the firm
 - f. Copy of manufacturing license. (The tendered item to be marked with the marker pen)
 - g. Duly attested photo copy of valid import license, for the imported items quoted
 - h. Authorization like Power of Attorney, resolution of board, for the Senior Officer of the company who has signed the tender documents.
 - i. Balance Sheet & Profit and Loss Account for last three years **2018-19 to 2020-21**
 - j. Copy of Tender conditions and schedules, duly signed by the Tenderer (Page No.1 to 14).
 - k. Sales Tax /GST Clearance Certificate for last three years 2018-19 to 2020-21 along with a copy of the GST Registration Certificate (Annexure - I)
 - l. Declaration (Annexure - II)
 - m. Sales/project implementation Performance for the last three years **2018-19 to 2020-21** (Annexure - III) with proof. (Copy of orders received and invoices raised).
 - n. Annual Turnover Statement for last three years **2018-19 to 2020-21** (Annexure - IV) signed by Chartered Accountant
 - o. Specification (Annexure - V)
 - p. Authorization letter nominating a Senior Responsible Officer of the company with authority to participate in the tender and transact the business. (Annexure - VI)
 - q. Details of Manufacturing Unit. (Annexure - VII)
 - r. Duly attested photocopy of valid ISO certificate
 - s. The flow diagram, the design and the pictures of machinery offered as per specifications.
 - t. Photographs of previously completed projects
- 3.2** The following document should be submitted in “**Cover B**”, addressed to the Chief Executive Officer, Tamil Nadu Livestock Development Agency, 4th Floor, Integrated Office Complex for Animal Husbandry and Fisheries Department, 571. Anna Salai,

Saidapet Veterinary Polyclinic Campus, Nandanam P.O., Chennai-35 and superscribed as **“COVER ‘B’ “TENDER FOR THE ESTABLISHING AND COMMISSIONING OF SMALL RUMINANT SLAUGHTER LINE OF 25 GOATS/ SHEEP PER HOUR AT THE ADVANCED INSTITUTE FOR INTEGRATED RESEARCH ON LIVESTOCK AND ANIMAL SCIENCES AT THALAIVASAL KOOT ROAD IN SALEM DISTRICT DUE ON 10.06.22, 11.00 am.**

The filled in Annexure – VIII containing the rates quoted and duly signed by the tenderer should be sent in a separate sealed cover hereafter called Cover “B”.

- i. The **rate quoted per unit should be in Indian Rupees**. The rate quoted per unit landed price shall be inclusive of basic price, freight, insurance, packing, customs duty, incidental charges, installation etc., and GST [GST to be shown separately].
- ii. The rate per unit FOR destination Total Landed Price (inclusive of GST) will be the criteria for determining the L1 rate as per Tender Transparency Act and Rules.
- iii. The rate quoted in Annexure-VIII should be for the unit and specification given. The tenderer is strictly prohibited to change or alter specification or unit size given in Annexure -VIII
- iv. The Unit Rate quoted should not vary with the quantum of the order or the destination.
- v. The rate offered should be valid for a period of one year from the date of opening of Price Bid.

3.3 The Cover “A” and Cover “B” should be separately sealed and both the sealed covers shall be kept in an outer envelope Superscribed as **“TENDER FOR THE ESTABLISHING AND COMMISSIONING OF SMALL RUMINANT SLAUGHTER LINE OF 25 GOATS/ SHEEP PER HOUR AT THE ADVANCED INSTITUTE FOR INTEGRATED RESEARCH ON LIVESTOCK AND ANIMAL SCIENCES AT THALAIVASAL KOOT ROAD IN SALEM DISTRICT DUE ON 10.06.22, 11.00 am”** and this should reach the **Chief Executive Officer, Tamil Nadu Livestock Development Agency, 4th Floor, Integrated Office Complex for Animal Husbandry and Fisheries Department, 571, Anna Salai, Saidapet Veterinary Polyclinic Campus, Nandanam P.O., Chennai-35 on or before 11.00 am on 10.06.2022.**

4. Tenders will be opened at the office premises of TNLDA at the above address at **11.30 am on 10.06.2022** in the presence of the tenderers/ Senior Responsible Officers of the company who choose to be present. Cover “B” of only those companies which satisfy the standard criteria laid down by the TNLDA and those found eligible on the basis of the details furnished by the tenderer in Cover “A” will be opened.

EARNEST MONEY DEPOSIT

5. Earnest Money Deposit for a sum of Rs.2,60,000/- (**Rupees two lakh and sixty thousand only**) shall be remitted in the form of Demand Draft favoring Chief Executive Officer, Tamil Nadu Livestock Development Agency, payable at Chennai/Irrevocable Bank Guarantee from a Nationalized Bank / Scheduled Bank in favor of “The Chief Executive Officer, Tamil Nadu Livestock Development Agency”, payable at “Chennai”. **This should be sent with the tender in Cover-A. Earnest Money Deposit in the form of cheque / cash / postal order will not be accepted.**
6. Firms located within the State, registered with Tamil Nadu Small Industries Development Corporation or the National Small Industries Corporation or holding permanent Registration Certificate from the District Industries Centers of Directorate of Industries and Commerce will be granted exemption from payment of Earnest Money Deposit, in respect of those **items manufactured by them** for which the Registration Certificate has been obtained and tenders called for. In respect of SSI Units located outside the State, such units registered with NSIC in respect of **items manufactured by them** for which tenders have been invited.
7. The Earnest Money Deposit shall be returned after payment of security deposit and execution of agreement by the successful tenderer.
8. In the case of successful tenderers, the Earnest Money Deposit shall be returned after payment of security deposit and execution of agreement or at the discretion of Chief Executive Officer, Tamil Nadu Livestock Development Agency, Chennai adjusted towards the Security Deposit payable by him.

SECURITY DEPOSIT

9. **The Successful tenderer shall be required to remit a security deposit @ 5% the total value of the works for which he is L1, calculated for the tender quantity (*Security Deposit = L1 Rate X Tender Quantity X 5%*). The Security Deposit should be paid in respect of each contract on or before the due date fixed, in the form of Demand Draft / Irrevocable Bank Guarantee from a Nationalised Bank / Scheduled Bank in favour of “The Chief Executive Officer, Tamil Nadu Livestock Development Agency”, payable at “Chennai”.**
10. The Security Deposit furnished by such tenderer in respect of his tender will be returned to him upon complete fulfillment of the tender period or the extended period, if any, to the satisfaction of the Chief Executive Officer, Tamil Nadu Livestock Development Agency.

EVALUATION

11. The cover 'A' of the tenderers will be opened and the documents will be scrutinized and the Cover 'B' of only those tenderers who have submitted the required documents, and are found to fulfill the eligibility conditions and comply with the tender conditions will be opened.
12. Price negotiations will be held as per the Transparency in Tenders Act and rules. with the eligible tenderer who has offered the least price

AGREEMENT

13. The tenderer whose tender is accepted shall execute an agreement on a non-judicial stamp paper for a value of Rs.100/- (stamp duty to be paid by the tenderer) with the Chief Executive Officer, Tamil Nadu Livestock Development Agency, Chennai, within 10 days from the date of receipt of the intimation by him that his tender has been accepted.

PRICES AND OTHER CONDITIONS

14. The details of items and works required are shown in Annexure-V.
15. A copy of the tender conditions and the Schedules should be signed by the tenderer at the bottom of each page with the office seal duly affixed and returned along with the tender. An index with page number for the certificates, Earnest Money Deposit etc. should be enclosed with the Tender Document.
16. Tenders should be typewritten and every correction in the tender should be attested with full signature by the tenderer with date before submission of the tenders to the authorities concerned, failing which the tender will be ineligible for further consideration. Corrections done with correction fluid should also be duly attested.
17. The tenderers should quote the rates in Annexure VIII for the item and works described as per the specification in Annexure V. Any omission will result in the rejection of the tender.
18. Rates quoted should be inclusive of basic price, packing forwarding, freight and insurance, import duty and GST. The GST suffered shall be shown separately.
19. Each tender must contain not only the rate but also the total value of the item quoted for supply in the respective columns. The aggregate value of the item quoted in the tender shall also be furnished [Annexure VIII].
20. The price quoted by the tenderers shall not in any case, exceed the controlled price, if any, fixed by the Central / State Government and the Maximum Retail Price (MRP). The purchaser at his discretion will in such case exercise, the right to revising the price at any

stage so as to conform to the controlled price or MRP as the case may be. This discretion will be exercised without prejudice to any other action that may be taken against the tenderer.

21. The rates quoted and accepted will be binding on the tenderers for the stipulated period and on no account will any increase in the price be entertained till the completion of this tender period.

NOTE: No tenderer shall be allowed at any time on any ground whatsoever to claim revision of or modification in the rates quoted by him. Clerical error, typographical error etc., committed by the tenderers in the tender forms shall not be considered after opening the tenders. Conditions such as “SUBJECT TO AVAILABILITY” “SUPPLIES WILL BE MADE AS AND WHEN SUPPLIES ARE RECEIVED” etc., will not be considered under any circumstances and the tenders of those who have given such conditions shall be treated as incomplete and for that reason, shall be summarily rejected.

22. If at any time during the period of contract, the price of tendered items is reduced or brought down by any law or Act of the Central or State Government or by the tenderer himself, the tenderer shall be bound to inform the Chief Executive Officer, Tamil Nadu Livestock Development Agency, Chennai immediately about such reduction in the contracted prices. The Chief Executive Officer, Tamil Nadu Livestock Development Agency, Chennai is empowered to unilaterally effect such reduction, as is necessary, in rates, in case, the tenderer fails to notify or fails to agree for such reduction of rates. Tenderers are requested to indicate the percentage of the GST to be charged for the item quoted **with proof**. In case of any enhancement in GST / reduction in GST due to Statutory Act of the Government after the date of submission of tenders and during the tender period, the clearance of additional GST so levied will be allowed to be charged extra as separate item without any change in price structure for the establishing and commissioning of small ruminant slaughter line of 25 goats /sheep per hour capacity at The Advanced Institute For Integrated Research on Livestock and Animal Sciences, Thalaivasal Koot road, Salem District approved under the tender. For claiming the additional cost on account of the increase in GST, the tenderer should produce a letter from the concerned authorities indicating the increase in GST for the supply made to TNLDA. Similarly, the reduction of GST to be brought to the notice of TNLDA with the letter from GST authorities.
23. The tenderer has to establish and commission a small ruminant slaughter line of 25 goats /sheep per hour capacity at The Advanced Institute for Integrated Research on Livestock

and Animal Sciences, Thalaivasal Koot road, Salem District as specified in the tender. In case of any deviation, the tender is liable for rejection.

24. The supplies/works will be deemed to be completed only upon receipt of the quality certificates from the institution(s) who receives the items tendered. Supplies, which do not meet quality requirements and statutory standards, shall render the relevant items to be rejected. The tenderer shall also not be eligible to participate in TNLDA tenders for the establishing and commissioning of small ruminant slaughter line of 25 goats /sheep per hour capacity at The Advanced Institute for Integrated Research on Livestock and Animal Sciences, Thalaivasal Koot road, Salem District during the subsequent year.
25. The decision of the Chief Executive Officer, Tamil Nadu Livestock Development Agency, Chennai, or any Officer authorized by him as to the quality of the tendered item shall be final and binding.

ACCEPTANCE OF TENDER AND SUPPLY CONDITIONS

26. The Chief Executive Officer, Tamil Nadu Livestock Development Agency reserves to himself the right to reject the tenders or to accept the tenders for the supply of the item tendered and execution of the works as in the tender without assigning any reason.
27. The Chief Executive Officer, Tamil Nadu Livestock Development Agency will be at liberty to terminate without assigning any reasons thereof, the contract either wholly or in part, on one month notice. The tenderers will not be entitled for any compensation whatsoever in respect of such termination.
28. The acceptance of the tenders shall be communicated to the tenderers in writing.
29. The Purchase Order shall be placed by Tamil Nadu Livestock Development Agency on execution of the agreement and remittance of the security deposit.
30. The establishing and commissioning of small ruminant slaughter line of 25 goats /sheep per hour capacity at The Advanced Institute for Integrated Research on Livestock and Animal Sciences, Thalaivasal Koot Road, Salem District should be completed within **120 days** from the date of receipt of firm order. If it is not completed within **120 days** from the date of receipt of firm order, penalty shall also be levied on the tenderer as specified at Para, 36, 37,38. He shall also suffer forfeiture of Security Deposit. However, the Chief Executive Officer, TNLDA at his discretion can accept delayed supply with appropriate liquidated damages, which will be a sum equivalent to 0.5% of the delivered price of the delayed goods for each day of delay until actual delivery, upto a maximum deduction of 10% of the total contract price.

31. If the tenderer fails to execute the project within the stipulated time, TNLDA is empowered to make alternative arrangements and claim the difference in total cost from the tenderer in addition to other penal clauses.
32. The Chief Executive Officer, TNLDA or his authorized representative(s) has the right to inspect the factories of those companies who have quoted for the tender, before, accepting the rate quoted by them or before releasing any order(s) or at any point of time during the continuance of tender and has also the right to reject the tender or terminate / cancel the orders issued or not to re-order based on facts brought out during such inspections.

PAYMENT PROVISIONS

33. No advance payments towards the cost of the establishing and commissioning of small ruminant slaughter line of 25 goats /sheep per hour capacity at The Advanced Institute for Integrated Research on Livestock and Animal Sciences, Thalaivasal Koot Road, Salem District will be made to the tenderer.
34. Payments for the establishing and commissioning of small ruminant slaughter line of 25 goats /sheep per hour capacity at The Advanced Institute For Integrated Research on Livestock and Animal Sciences, Thalaivasal Koot road, Salem District will be considered only on the basis of reports (Certified Stock Entry Invoice) received from the Consignee Officers of the Department of Animal Husbandry / to whom the consignment is addressed, regarding the quantity received and quality of the received goods and works executed against the purchase orders.
35. If the successful tenderer fails to execute the agreement and or deposit the required security within the time specified or withdraw his tender after the intimation of the acceptance of his tender has been sent to him owing to any other reasons, he is unable to undertake the contract, his contract will be cancelled and the Earnest Money deposited by him along with the tender will be forfeited. He will also be liable for all damages sustained by the TNLDA or its participating agencies due to his failure; including the liability to pay any difference between the prices accepted by him and those ultimately paid by the indenting authority for the procurement of the articles concerned. Such damages shall be assessed by the Chief Executive Officer of Tamil Nadu Livestock Development Agency whose decision will be final and the amount so assessed will be recoverable by proceeding under the Tamil Nadu Revenue Recovery Act 1864 (Madras Act. II of 1864 as an arrear of Land Revenue).

36. If any of the articles which the tenderer has failed to supply is not available in the local market or if it is not possible for the Chief Executive Officer, Tamil Nadu Livestock Development Agency to purchase it in time, for the requirements of the institution, it will be open to the CEO, or to any persons authorized by him on his behalf to purchase a substitute for the said article/item and to recover the difference in cost from the tenderer, if any, between the price or prices of the substituted articles which may be purchased or the money which may have been paid for the same.
37. The opinion of the Chief Executive Officer, Tamil Nadu Livestock Development Agency as to the availability of the articles in the local market and as to whether it is not possible to purchase it in time for institution requirement and as to the nature and quality of the substitute to be purchased is final and binding on the tenderer.
38. No claims shall lie against the Tamil Nadu Livestock Development Agency, Chennai in respect of interest on Earnest Money Deposit or on Security Deposit.

PENALTIES

39. If any of the items supplied by the tenderer which have been put to use are subsequently found to be defective, unsound, and inferior in quality or description or are otherwise faulty or unfit for use, then the contract price or prices of such articles/items or things will be recovered from the tenderer. The tenderer will not be entitled to any payment whatsoever for such article/item.
40. For infringement of the stipulations of the contract or for other justifiable reasons, the contract may be terminated by the Chief Executive Officer, Tamil Nadu Livestock Development Agency and the tenderer shall be liable for all losses sustained by the Tamil Nadu Livestock Development Agency, in consequence to the termination which shall be recovered from the tenderer by way of adjusting the amount from the bills payable to him. In the event of such amounts being insufficient the balance shall be recovered personally from the tenderer as per law.
41. Non-performance of contract provisions such as delayed supplying, non-supplying, supply of substandard goods etc., will result in cancellation of the tender and will lead to disqualification of the firm from participating in the tender during the subsequent year.
42. The decision of the Chief Executive Officer, Tamil Nadu Livestock Development Agency, shall be final and binding.
43. In the event of any dispute arising out of the tender such dispute would be subject to the jurisdiction of the Civil Court within the city of Chennai.

WARRANTY

44. The supplier warrants that the Goods supplied under this contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The supplier, further warrants that the Goods supplied under this contract shall have no defect arising from design, materials or workmanship (except when the design and/or material is required by the purchaser's specifications) or from any act or omission of the supplier, that may develop under normal use of the supplied goods in conditions prevailing at final destination.
45. **Warranty shall be as stated in the Annexure V from the date of commissioning of the small ruminant slaughter line of 25 goats /sheep per hour and on acceptance by the concerned officers at the final destination indicated in the contract.**
46. The purchaser shall promptly notify the supplier in writing of any claims arising under this warranty.
47. Upon receipt of such notice, the supplier shall, with all reasonable speed, repair or replace the defective Goods or parts thereof, without cost to the Purchaser.
48. If the supplier, having been notified, fails to remedy the defect(s) within the period specified /within a reasonable period, the purchaser may proceed to take such remedial action as may be necessary, at the supplier's risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.

SPECIAL CONTRACT CONDITIONS

49. **Validity of Tender**

This rate offered shall be valid for a period of **one year** from the date of opening of price bid.

50. **Period**

The establishment and commissioning of the small ruminant slaughter line of 25 goats /sheep per hour **should be completed in 120 days** and will be deemed to be completed only on receipt and acceptance by the concerned officers at the final destination indicated in the contract.

51. **Warranty**

Warranty shall be as specified in the specification (Annexure-V) from the date of commissioning of the small ruminant slaughter line of 25 goats /sheep per hour and acceptance by the concerned officers at the final destination indicated in the Contract.

52. **Terms of payments**

Payment shall be made only after the completion of the establishment and commissioning of the small ruminant slaughter line of 25 goats /sheep per hour and on receipt of such satisfactory reports and certified invoices from the officer in-charge of the institution to which the supply has been made.

53. Security Deposit

The Security Deposit will be returned to the successful tenderer after the completion of warranty period.

54. Goods and Services Tax

Tenderers are requested to quote and indicate taxes (GST) suffered.

55. Language of the Tender

The tender and all correspondences and documents related to the tender exchanged by the tenderer and the purchaser shall be written either in English or in Tamil language. Supporting documents and printed literature furnished by the tenderer may be in other language provided they are accompanied by an accurate translation of the relevant passages in either English or Tamil language, in which case, for purpose of interpretation of the tender, the translation shall prevail.

56. General

The tenderer shall meet and would be bound by all the statutory requirements (eg. the labour welfare, and the safety requirements etc.,) for the execution of the works stated as well as not stated in this document, and would be fully responsible for ensuring the adherence and the consequences of any deficiencies.

GST REMITTANCE STATEMENT

(To be filled up by the tenderer)

01. Name or style in which the applicant is assessed or assessable to GST.
02. a. Name and address of all companies, firms or associations or persons in which the applicant is interested in his individual or fiduciary capacity.
b. All Centres of business of the applicant (All Centres of business should be mentioned).
03. The districts, taluks and divisions in which the applicant is assessed to GST (All the Centres of business should be furnished).
04. Total contract amount or value of patronage received in the preceding three years.
2018 - 2019
2019 - 2020
2020 - 2021
05. Particulars of GST for the following three years.

Year	Total Turn Over assessed Rs.	Total Tax assessed Rs.	Total Tax paid Rs.	Balance due Rs.	Reasons for balance
2018 - 2019					
2019 - 2020					
2020 - 2021					

06. If there has been no assessment in any year, whether returns were submitted any, if there were, the division in which the returns were sent.

07. Whether any penal action or proceeding for the recovery of GST is pending.

08. The name and address of Branches if any:

I have enclosed the copies of the GST returns filed for the above period and I declare that the above information is correct and complete to the best of my knowledge and belief.

Signature of Tenderer:

Address:

Date:

DECLARATION FORM

I / We_____ having our _____
_____ Office at _____ do declare that I /
We have carefully read all the conditions laid down in the tender document (including Annexure, corrigenda, errata) issued by the Chief Executive Officer, Tamil Nadu Livestock Development Agency Chennai, for the tender floated by him for the establishment and commissioning of the small ruminant slaughter line of 25 goats /sheep per hour at The Advanced Institute for Integrated Research on Livestock and Animal Sciences, Thalaivasal Koot road, Salem District. and abide by all conditions set forth therein.

I / We also declare that we have taken steps to ensure that no person acting for us or on our behalf will engage in any type of corrupt, fraudulent, collusive, coercive, or obstructive practices.

Signature:

Date:

Name of the firm:

Address:

ATTESTED BY NOTARY PUBLIC

ANNEXURE-III

**SALES/PROJECTS EXECUTED -PERFORMANCE STATEMENT
(DURING THE LAST THREE YEARS)**

Name of Tenderer:

Name of the product	Year	Quantity Produced (in nos.)	Quantity Supplied (in nos.)	Name and full address of the purchaser (Proof to be enclosed) *
	2018 – 2019			
	2019 – 2020			
	2020 - 2021			

Projects Executed

Year	Name of the project	No. of projects	Value in Rs.	Name and full address of the purchaser (Proof to be enclosed) *
2018 – 2019				
2019 – 2020				
2020 - 2021				

*** Proof:**

1. Copies of Purchase Orders/work orders in the name of the tenderers
2. Copies of invoices raised by the tenderers

ANNEXURE-IV**ANNUAL TURN OVER STATEMENT**

The Annual Turnover of M/.s_____ for the past three years are given below and certified that the statement is true and correct.

S.No	Year	Turnover in lakh (Rs)
1	2018 – 2019	
2	2019 – 2020	
3	2020 - 2021	
	Total -	Rs. _____ lakh

Average turnover per annum - Rs._____ lakh.

Signature of Auditor/
Chartered Accountant

Date:

(Name in capital)

Seal.

SPECIFICATION

ESTABLISHMENT AND COMMISSIONING OF GOATS/ SHEEP SLAUGHTER LINE, CAPACITY 25 GOATS OR SHEEP PER HOUR

Tender for Small ruminant Slaughter line (with Automatic Conveyor capacity line 25 Goats / Sheep hour per hour including, processing, Steel Structure, PUF Panels, Refrigeration, Internal Electrical and Plumbing work inside the building Related to Slaughter Machinery except civil work)

Scope

Supply, delivery, installation of the equipment and machinery as per specification, quality and quantity, internal Electrical and Plumbing work inside the building Related to Slaughter Machinery, establishment of facility and commissioning of the plant and demonstration of the unit.

Site

The Advanced Institute for Integrated Research on Livestock and Animal Sciences, Thalaivasal Koot road, Salem District

Goat/Sheep slaughter line, capacity 25 Goats/sheep/hour

Process Flow

Sheep are rested in pens. The animals are moved to the runway in front of slaughter area, if stunning is adopted / practiced the animal are stunned by electrical stunned. Mostly in our country halal method of slaughter is performed in case of small ruminants. Then, the animals are bled in the table which has grill to collect blood under the table and further drain to the blood collection tank. The bled carcasses, are hung upside down in the bleeding conveyor. After bleeding, front feet are removed and then head is removed. Both the head and feet are dropped in the chute. The carcasses are transferred from bleeding conveyor to dressing conveyor. During this period freely hanging hind foot, belly and other leg are partially de-hided. Feet of free hanging hind foot is removed and the leg is hung to hook attached to dressing conveyor. Then the remaining belly, flanks, upper back side and front legs are pre-de-hided. Final de-hiding is performed by taking the free hide flap and attaching it to the de-hiding drum of sheep de-hider. As the drum rotates hide from the carcasses pulled away by sheep de-hider. Then the carcass is opened to remove stomach and intestine (white offal). The stomach and intestine are placed in the table for inspection. Then liver, heart, lungs, esophagus, trachea and throat along with spleen (red

offal) are removed and presented for veterinary inspection. Stomach and intestine after inspection are dropped into chute leading in to white offal room.

Sheep/goat slaughter line control

- The v race speed must be controlled by variable frequency drive to make sure the correct speed to attain the speed of the bleeding line.
- The halal table is a manual operation and run independent from the slaughter line.
- The bleeding conveyor speed must be controlled by variable frequency drive to make sure the correct speed to attain the speed of the dressing line.
- The de-hider speed must be controlled by variable frequency drive to attain the speed of 25 animals per hour in the operation
- The dressing conveyor speed must be controlled by variable frequency drive to make sure the correct speed output to attain the 25 animals per hour speed
- All conveyors must be equipped with emergency stop button, which are always in run on mode and stops only when the emergency stop button is pressed.

Technical equipment descriptions

S.No.	Description
1.	Small ruminant slaughter line (sheep and goat slaughter line) 25 per hour
2.	Chillier Line for 200 Sheep / Goats including suspension structure - inside PUF panel
3.	Processing Area - 2 Deboning Tables
4.	Staff Lockers, gum boot stand, foot wash - All items in Stainless Steel
5.	All offal and slaughter gates - non PUF - in Stainless Steel - approx. 500 kg, 7 gates
6.	3 PUF insulated sliding doors for chillers and cold store
7.	Lairage inside partitions of pens - approx. 2 tons - 4 foot height in Side and 6 foot on outer side. 60mm outer dia. of 3mm thickness and 30mm outer dia. of 2mm thickness - facilities to hold one day through put – 8 number of pens
8.	Insulated PUF for cutting room, cold storage, processing unit All 4 side walls of 50 mm, roof insulation of 50 mm for cutting and processing room All 4 side walls of 100 mm, roofing of 100 mm and floor of 80 mm for chiller All 4 side walls of 150 mm, roofing of 150 mm and floor of 100 mm for cold storage All wall height 4.5-meter total PUF panel approx. including flushing and installation- 40 kg
9.	Refrigeration plant unit piping indoors and outdoors with Ammonia unit - Condensers, Compressors, all indoor, insulation, installing, panel piping

10.	Blood coagulator with dryer
11.	Electrical panel with transformer and cabling inside the compound 100 kVA including all
12.	Electrical wiring and lighting for inside the building for slaughter machinery
13.	Plumbing and water fitting for slaughter machinery
14.	Generator 120 kVA
15.	Miscellaneous Items
16.	Installation and Erection Charges

Sheep and Goat Slaughter Line 25 animals per hour

S. No.	MACHINERY AND EQUIPMENT	Qty.
1.	Live sheep and goat weighing scale <ul style="list-style-type: none"> with display to ensure easy readability compatibility with computer integration Platform made of hot dip galvanize steel, non-slippery platform and display made of stainless steel 304 The platform top - stainless steel 304 with dimples every inch providing grip to small ruminants, ensuring it is non-slippery, compliant with the humane practice of slaughtering guidelines. 1 SS load cell with moisture protection and water resistance. The display of the load cell should be of 2-inch size The platform should be big enough to make sure one small ruminant can stand comfortably. 	1
2.	Race Way made with 304 Stainless steel pipe, structure has space for sheep to move forward in one line <ul style="list-style-type: none"> Non slippery floor for both sheep and man. Easy to clean and align design for smooth operations The race way - galvanize steel with base of pipe size 50mm x 50mm x 3mm and covered with 6 mm MS galvanize chequered plate Angles - welded on the top Compliance with the humane practice of slaughtering guidelines. Side supports - MS galvanize pipe of 32 mm round pipe x 3mm thickness frame with 25 mm round pipe of 2 mm parallel pipes of 4-inch gap between each pipe Raceway –There shall not be any sharp corners or edges 	1
3.	V Race - Restrainer <ul style="list-style-type: none"> 5 feet long to ensure that 1 sheep can be fitted in line to enter the slaughter hall. Easy to clean and maintain. All body and frame made up in stainless steel 304 Restrainer -2 rollers with belt joined together in v -shaped, synchronous conveyor belts, positioned after the raceway. 	1

S. No.	MACHINERY AND EQUIPMENT	Qty.
	<ul style="list-style-type: none"> The floor under the v race must slope gradually. Provide view protection screen for animals. <p>Technical description</p> <ul style="list-style-type: none"> Conveyor belts of the v race - high quality durable belt 4 mm thickness with food grade approved material. Covers of the gearbox and motor and v race are made of stainless steel 304 <p>Technical data</p> <ul style="list-style-type: none"> Motor: Two Motors - 0.75 kW each Dimensions: Length - 1400 mm, Width - 800 mm, Height - 900 mm 	
4.	Electric stunner: Low voltage electrical stunner (less than 150 volts optimally 90 volts, 0.6 to 1.0A)	1
5.	<p>Halal table</p> <p>Halal table - stainless steel 316 design in compliance with the humane practice of slaughtering guidelines.</p> <ul style="list-style-type: none"> Halal table - blood spill protection guard Made up of stainless steel to hold the 2 sheep at one time and have provision for drainage of the blood. A removable grill to hold the sheep above the blood pool. 6-inch diameter pipe to drain blood from collection tray to blood tank trough <p>Technical description</p> <ul style="list-style-type: none"> Table frame pipe size - 60mm x 60mm x 2 mm- SS 304 Removable top grill pipe size- 25mm x 12mm x 1.2mm - SS 304 Blood collection sheet of 2mm thickness- SS 316 <p>Dimension of the table - 1100 mm x 1600 mm x 1000 mm</p>	1
6.	<p>Bleeding conveyor - made with stainless steel pipe structure in bi rail design for smooth movement. Hanging on the galvanize support structure.</p> <p>The sprocket and the base of the gearbox motor shall be of galvanized steel.</p> <p>The chain shall be of stainless steel 304.</p> <p>Non-bearing chain for better life and rugged structure and supported with nylon supports for soundless motion and very less friction.</p> <p>The gearbox with synchronise control by VFD to match with all conveyor V race, hide puller etc.</p> <ul style="list-style-type: none"> 5 to 7 minutes retention time. Bleeding conveyor - move the bleeding carcass to next station automatically Frame in hot dipped galvanized steel - ISI standards for transport of carcasses along the de-bleeding stations to the transfer area. <p>Technical description</p> <ul style="list-style-type: none"> Sprocket of 12 mm MS galvanized steel with centre shaft of 40 mm The supporting structure twin pipe size is 100mm x 50 mm x 5 mm, 50mm x 50 mm x 5 mm The conveyor chain is made up of stainless steel 304 the pusher is also made up of SS 304 	1

S. No.	MACHINERY AND EQUIPMENT	Qty.
	<ul style="list-style-type: none"> The twin pipe conveying the hook is in stainless steel 304 pipe size 60 mmx 40 mm x 2mm The speed reduction gearbox with 2 hp motor Chain type : Double hinged with carrier hooks Conveyor type : Horizontal Type of rail track : Twin rail Material of chain rollers : Nylon Distance between push fingers : 700 mm Drive gear box and motor : Mentioned in items manufacturing principle Speed controlled by : Variable frequency drive Emergency stop : IP65 grade	
7.	<p>Blood Trough with Blood Tank of 500 Litres</p> <p>Blood trough - SS 304 3 feet wide with curved edges for easy cleaning narrow blood flow area for better blood flow and wide 6-inch pipe connection with blood tank for easy cleaning blood tank. Also, with cleaning drain used for washing applications.</p> <ul style="list-style-type: none"> Blood Trough - be made under the bleeding conveyor to collect all the dripping and spilled blood from the animal while hanging on the bleeding conveyor. All the blood collected from bleeding - directed to the blood tank via a 6 inch diameter pipe connected to blood tank in slope. Blood Trough & tank all be of stainless steel 316 In blood tank the agitator - move blood continuously and stop it from coagulation. <p>Technical description</p> <p>Capacity of blood tank 500 liters.</p> <ul style="list-style-type: none"> Pipe size of frame of blood trough - 50mm x 50mm x 2 mm of SS 304 Sheet thickness of blood trough - 2 mm of stainless steel 316 Sheet thickness of blood tank - 2 mm of stainless steel 316 Agitator of blood tank - fitted with speed reduction gearbox with 0.5 hp motor 	1
8.	<p>Dressing Conveyor - after bleeding the sheep will be hung on the dressing conveyor</p> <ul style="list-style-type: none"> Made with stainless steel pipe structure in bi rail design for smooth movement. Hanging on the galvanize support structure. The sprocket and the base of the gearbox motor - galvanized steel. The chain shall be made of stainless steel 304. Non-bearing chain for better life and rugged structure and supported with nylon supports for soundless motion and very less friction. The gearbox with synchronise control by VFD match will all conveyor v race hide puller etc. 	1

S. No.	MACHINERY AND EQUIPMENT	Qty.
	<ul style="list-style-type: none"> Frame in hot dipped galvanized steel ISI standards conveyor to transport the carcasses along the working stations toward the inspection area. <p>Technical description</p> <ul style="list-style-type: none"> Sprocket of 12 mm MS galvanized steel with centre shaft of 40 mm The supporting structure pipe size – 100mm x 50 mm x 5 mm, 50mm x 50 mm x 5 mm The conveyor chain - made up of stainless steel 304 the pusher - also made up of SS 304 The twin pipe conveying the hook - stainless steel 304 pipe size 60 mm x 40 mm x 2mm Speed reduction gearbox with 2 hp motor <p>Chain type : double hinged with carrier hooks Conveyor type : horizontal Type of rail track : twin rail Material of chain rollers : nylon Distance between push fingers : 1000 mm Speed controlled by : Variable frequency drive Emergency stop : IP65 grade Drive gear box and motor : Mentioned in items manufacturing principle</p>	
9.	<p>Platforms for workers with hand wash basin</p> <ul style="list-style-type: none"> All Stainless Steel 304 body with non-slippery grill on top with water collection tray. Working platform for workers to provide required height to work on each operation of work such as killing, hanging, skin punching, offal removal, washing. All platforms - equipped with hand wash unit with foot operated valve to open and close the water flow for washing the hands All platforms and hand washbasin - Stainless steel 304 Hand wash unit - free standing construction for washing hands. <p>Technical description The unit shall be of stainless steel 304- fitted onto a column Supply and discharge connections are integrated in the column. The unit - with a hand washing section - with a splash guard, foot operated shut-off valve with discharge pipe and a funnel-shaped collection tank - The drain is fitted with a stench trap to be provided.</p>	7
10.	<p>Hide (Skin) Puller</p> <p>All Stainless-Steel body with moment circular to get a grip on the hide. The circular moment - motorized with gear box</p> <ul style="list-style-type: none"> Mechanized pulling of sheep skins. The free skin flap will be manually attached to the drum of the de-hider - using self-locking chain, the rotation - activated to pull skin. Release of the skin - the reverse rotation – to remove skin 	1

S. No.	MACHINERY AND EQUIPMENT	Qty.
	<ul style="list-style-type: none"> The de-hider - two floor mounted columns with height adjustable frame with skin drum, drive and hand switch to activate the rotation of the drum. <p>Body, Drum, Chain : Stainless Steel 304</p> <p>Drive gear box and motor: Mentioned in items manufacturing principle</p>	
11.	<p>Hide and Leg Chute</p> <ul style="list-style-type: none"> All Stainless Steel 304 body. Slope to slide the material from slaughter hall into offal area. Stainless steel 304 chute for the transport of by-products to the processing room. Stainless steel 304 - chute in slope helps to move the legs and hide from main room to processing room. The corner bends - curved bends Stainless steel 304 - sheet thickness of 2 mm <p>Technical description</p> <p>Length - 1600 mm, Width - 400 mm, Height - 300 mm</p>	1
12.	<p>Offal inspection table</p> <ul style="list-style-type: none"> All Stainless Steel 304 body. Separate sections for white and red offal- gravity slopes connected to chutes Inspection table for the veterinary Inspection of the offal along with the carcass, the table will have separate section for white offal and red offal and can accommodate offal of 3 animals for inspection. Stainless steel 304 pipes for frame - 50mm X 50 mm X 2mm Stainless Steel 304 sheet - 2 mm on top Stainless Steel 304 - 5 mm strip for making partitions on the table Technical description: Length - 1800 mm, Width- 800 mm, Height - 1000 mm 	1
13.	<p>Trolleys for Offal's</p> <ul style="list-style-type: none"> All stainless steel 304 body. Easy to clean and handle. Single joint trolley with all 4 sides bends in curves to maintain better hygiene and cleanliness. Base should have curved bottom. Piped support on top. Capacity 200 litre <p>Technical description</p> <p>Length - 600 mm, Width - 600 mm, Height - 620 mm</p>	7
14.	<p>Online Static Weighting Scale</p> <ul style="list-style-type: none"> Galvanized frame with moisture proof load cells, Large Display with compatibility with computer integration Structure in stainless steel 304 - capacity of 100 kg. 1 SS load cell with moisture protection water resistance. The display of the load cell shall be 2 inches size for better display. 	1
15.	<p>Knife Sterilizers, Knife Set with Sharpener</p> <ul style="list-style-type: none"> All Stainless Steel 304 body. 	1

S. No.	MACHINERY AND EQUIPMENT	Qty.						
	<ul style="list-style-type: none">With electric auto cut to maintain the required temperature for better hygiene and cleanliness maintenance.Easy to clean and use.All Stainless-Steel knife with plastic moulded handle. As per all international norms for slaughtering. With good quality sharpening rod.Stainless steel 304 construction with digital temperature controller and display of 500-watt heating element - with 2 knife and 1 sharpener holder. IP65 protection digital display.Insulated to maintain the hot water temperature 82°c Technical description ; Length - 200 mm, Width -150 mm, Height -300mm							
16.	Washing Station with Sanitizer Spray <ul style="list-style-type: none">All SS body with Nylon screen on back for better cleaning and low noise, fixed with shower and also hand help sanitizer spray.Stainless Steel 304 Frame with PC Sheep Splash ScreenFrame in Stainless steel, pipe size 50mm X 25 mm X 2mmPC sheet of 10 mm thicknessTechnical data :Length - 1600mm, Height - 1400 mm, Width - 1250 mm	5						
17.	Hooks Bleeding Hooks – 30, Dressing Hooks - 50, Chiller Hooks - 300. Bleeding hooks for sheep Middle pipe : Stainless Steel 304 Hook Rod 10mm : Stainless Steel 316 Roller wheels : Nylon (2) Dressing hooks for sheep Middle pipe : Stainless Steel 304 Hook Rod 10mm : Stainless Steel 316 Roller wheels : Nylon (2) Chiller hooks for sheep Middle pipe : Stainless Steel 304 Hook Rod 10mm : Stainless Steel 316 Roller wheels : Nylon (2)	1 set						
18.	Chiller Temperature range : 0°C to 4°C Capacity : hanging 200 carcasses	1						
19.	Freezer Temperature range: -18°C to -20°C Capacity : 1 ton	1						
20.	Air conditioners <table><tr><td>Office</td><td>1No. x 1.5 ton commercial air conditioner</td></tr><tr><td>Laboratory</td><td>2 Nos. x 1.5 ton commercial air conditioner</td></tr><tr><td>Processing area</td><td>4 Nos. x 1.5 ton industrial air conditioner</td></tr></table>	Office	1No. x 1.5 ton commercial air conditioner	Laboratory	2 Nos. x 1.5 ton commercial air conditioner	Processing area	4 Nos. x 1.5 ton industrial air conditioner	7 (Total)
Office	1No. x 1.5 ton commercial air conditioner							
Laboratory	2 Nos. x 1.5 ton commercial air conditioner							
Processing area	4 Nos. x 1.5 ton industrial air conditioner							
21	Cold storage Temperature range: -20 °C to -25°C : Capacity : 5 ton	1						

S. No.	MACHINERY AND EQUIPMENT	Qty.
22.	Commercial Deep Freezer Capacity : 400 Litres Number of Doors : Single Body Material : Metal Powder coated Defrost Type : Auto-Defrost Type : Top Open Capacity (in Litres) : 400 ltr Temperature Range : -18 to -24 Door type : Swing Door Refrigerant : R 134 a Material : Aluminium	3

Items Manufacturing Principle:

- All items of the machine part must be in stainless steel 304.
- All Machine suspension Items must be of Galvanize Steel.
- All Nut Bolts used in Machines must be of Stainless Steel 304.
- All Nut Bolts fasteners used in hanging and supporting system must be of coated MS.
- Water over flow protection water spill protection, guards, safety for human protection items, temperature gauges, valves, hose pipes, must be of reputed brands.
- All motors must be of brands such as ABB, Crompton Greaves, Siemens, Toshiba, Nidec, Rockwell, AMETEK, Regal Beloit, Johnson Electric
- All gear boxes must be of brands such as Bauer, SEW, Flender, Nord, Rexroth, Zollern, Rossi, Bonfiglioli, Sumitomo, Rotork, Curtis Machine SIPCO-MLS, Danko Arlington, Logan Clutch Corporation, Multi Products Company, Excel Gear, Torque Transmission, Astro Flight, Houston Gear
- All electrical controls must of brands such as L&T, Havells, ABB, Siemens, GE.
- Equipment must comply with the standards and guidelines prescribed by International and National quality and safety bodies viz ISO, APEDA, SPS, Codex Alimentarius, BIS, FSSAI

Guarantee and Warrantees:

1. Guarantee of 2 years for all the metal moving parts / products manufactured against any manufacturing defect.
2. Guarantee of 5 years for all the Static parts / products manufactured, if parts get the welding damages if any must be repaired onsite without any extra charge.
3. All electrical parts / products, must have the standard guarantee given by the manufactures like electric motors, gear boxes, plastic parts, etc.,

Manufacturer's Authorization letter for attending the tender and etc.

No. _____ Dated. _____

To

Dear Sir,

Tender Ref. No. 84/E/AIIRLIVAS/TNLDA/2022

We _____ who are established and reputable manufacturers of _____ having factories at _____/providing.....services with Registered office at _____ possessing License No. _____, dated _____, Valid Upto _____ (Copy enclosed) do hereby authorize M/s. _____ (Name and Address of Representative) to submit a tender, and subsequently negotiate and sign the contract with you against the above mentioned tender.

No company or Firm or individual other than M/s. _____ are authorized to tender, negotiate and conclude the contract in regard to this business against this specific tender.

We hereby extend our full warranty for a period of two years from the date of supply delivery, installation and commissioning of the small ruminant slaughter line of 25 goats /sheep per hour and on acceptance by the concerned officers at the final destination indicated in the Contract as per the tender conditions for the goods and services offered against this invitation for tender by the above Firm

Yours faithfully,

(Name)

for and on behalf of M/s. _____

(Name of Manufacturers)

Note: This letter of authority should be on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer.

DETAILS OF MANUFACTURING UNIT OF MANUFACTURER

1. Name of the Manufacturer & Full Address of the manufacturing unit :
2. Phone Nos. :
3. Fax :
4. E-mail :
5. Date of Inception :
6. License No. & Date :
7. Issued by :
8. Valid up to :
9. Details of manufacturing activity:
10. Annual manufacturing capacity:
11. Name of the authorized signatory:
12. Specimen signature of the authorized Signatory:

* The details of manufacturing unit shall be for the premises where items quoted are actually manufactured.

ANNEXURE VIII

TAMIL NADU LIVESTOCK DEVELOPMENT AGENCY, CHENNAI-35

**TENDER No. TNLDA/2022/05 TENDER FOR THE OF ESTABLISHING AND COMMISSIONING OF THE SMALL RUMINANT SLAUGHTER
LINE OF 25 GOATS / SHEEP PER HOUR**

S. No	Name of the item & specification tendered	Basic price (Rs.)	Packing and forwarding charges (Rs.)	Freight & Insurance charges (Rs.)	Others (if any) (Rs.)	Total (Rs.)	GST (Rs.)	Total landed price (inclusive of all tax) (Rs.)
1	2	3	4	5	6	7	8	9
	Establishing and Commissioning of Small Ruminant Slaughter Line of 25 Goats/ Sheep Per Hour at The Advanced Institute for Integrated Research on Livestock and Animal Sciences at Thalaivasal Koot Road in Salem District, Tamil Nadu (with Automatic Conveyor capacity line 25 Goats/Sheep per hour including, processing, Steel Structure, PUF Panels, Refrigeration, supply installation and commissioning of machineries, Internal Electrical and Plumbing work inside the building Related to Slaughter Machinery) (Specification as per Annexure V)							

Total landed price (inclusive of all taxes) (Rs.) (in words): Rupees

.....

Place :	Signature	
	Name of the authorised signatory	
Date:	Designation	
	Seal	