



ISO 9001:2008

भाकृअनुप-केन्द्रीय पक्षी अनुसंधान संस्थान  
इज्जतनगर, बरेली - 243 122 (उ०प्र०)  
ICAR-CENTRAL AVIAN RESEARCH INSTITUTE  
Izatnagar, Bareilly - 243 122 (U.P.)  
(AN ISO 9001:2008 CERTIFIED INSTITUTE)



No.4-5/ST/AL1-3/2018-2019/P-III

Dated 16.04.2021

To,

Incharge Head,  
A.K.M.U,  
ICAR-CARI, Izatnagar

Sub: Uploading in Institute's website.

Sir,

Please find attach file regarding E.O.I. and Tender notice to upload in Institute's website along with tender documents.

1. Tender Notice for Disinfectant Shower.
2. E.O.I. for Semi Automatic Poultry processing plant.

*[Signature]*  
16.4.2021  
Officer Incharge Store  
*[Signature]*  
16/04/2021



ISO 9001:2008

भाकृअनुप-केन्द्रीय पक्षी अनुसंधान संस्थान  
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Dated: 16.04.2021

### ई-निविदा सूचना

केन्द्रीय पक्षी अनुसंधान संस्थान, इज्जतनगर बरेली में **Semi Automatic Poultry Processing Plant with modern facilities** हेतू निविदा सूचना एवं निविदा प्रपत्र, **Government eProcurement System** की वेबसाइट में अपलोड कर दी गयी है जिसकी **Tender ID: 2021\_DARE\_626583\_1** है। निविदा प्रपत्र जमा करने की अंतिम तिथि 10.05.2021 को अपराहन 03.00 बजे तक है। इच्छुक निविदादाता **eProcurement System Government of India** की वेबसाइट <https://eprocure.gov.in/eprocure/app> पर निविदा देखने हेतु उक्त को देखे।

24/4/2021  
16.4.2021  
प्रभारी मण्डल  
16/04/2021



## Indian Council of Agricultural Research

CENTRAL AVIAN RESEARCH INSTITUTE,  
IZATNAGAR 243122 BAREILLY (U.P.)

F.No.4-5/ST/AL1-3/2018-2019/P-III

Dated : 12.04.2021

### EXPRESSION OF INTEREST

Country: India

Name of the equipment: "Semi-Automatic Poultry Processing Plant with Modern Facilities  
(Capacity : 250BPH approx.)

Sector: Agricultural Education, Extension, Research and other support  
Activities.

1. On behalf of Director, ICAR-CARI, Izatnagar, Electronic Quotations/tenders under Open tender enquiry, Bids are invited from the registered firms/their authorized dealer registered on portal etc. for the goods mentioned below. The Quotations/bids duly sealed/signed & completed in all respect should be submitted with scan documents online at CPPP **as per scheduled given above**. The incomplete Quotations/bids will be treated as rejected. The Quotations received after stipulated date & time will not be considered & rejected, and no correspondence in this regard will be entertained.
2. The Tender form/bidder documents may be downloaded from the <https://eprocure.gov.in/eprocure/app>. Online submission of Bids through Central Public Procurement Portal ( <https://eprocure.gov.in/eprocure/app> ) is mandatory. Manual/Offline bids shall not be accepted under any circumstances. However, for the purpose of realisation, the bidder has to send the Demand Draft/ banker's cheque/ FDR in original to this institute through post or by hand so as to reach by the time of tender opening.
3. Tenderers/bidders are requested to visit the website <https://eprocure.gov.in/eprocure/app> regularly. Any changes/modifications in tender enquiry will be intimated by corrigendum through this website only.
4. In case, any holiday is declared by the Government on the day of opening, the tenders will be opened on the next working day at the same time. The Director, ICAR-CARI, Izatnagar reserves the right to accept or reject any or all the tenders.
5. The firms are required to upload copies of the following documents: -

### SCHEDULE

Tender Number	4-5/ST/AL1-3/2018-2019/
Name of Organization	ICAR-CARI, Izatnagar - 243122
Publish Date & Time	13.04.2021 at 17.00 Hours
Document download/Sale Start date & Time	13.04.2021 at 18.00 Hours
Pre Bid Meeting	26.04.2021 at 11.00 Hours
Bid Submission start date & Time	13.04.2021 at 18.00 Hours
Bid Submission End Date & Time	10.05.2021 at 15.00 Hours
Date and Time for Opening Bid	11.05.2021 at 15.00 Hours
Address for Communication	Officer-In-Charge, Store Section, CARI, Izatnagar, Bareilly - 243122 (U.P.)

- **Technical Documents**
    - i. Scanned copy of Earnest Money Deposit (EMD)/Exemption.
    - ii. Scanned copy of rates of old processing plant in the prescribed format (**Annexure-I**).
    - iii. Scanned copy of Firm's PAN Card, GST No., Tender acceptance letter.
    - iv. Scanned copy of Manufacturers authorization certificate issued by Principal Manufacturer duly verified by the Indian Agent or Manufacturing certificate.
    - v. Scanned copy of Latest Income Tax Statement and turn over for the last three years.
    - vi. Scanned copy of User List/Purchase orders of its satisfactory installation.
    - vii. Scanned Copy of Make and model of all systems, sub systems and additional items should be mentioned in the technical bid and complete technical details should be provided in the form of Brochures and write-ups.
    - viii. The scan copy of an undertaking stating that if the information/declaration/scanned documents furnished in respect of eligibility criteria are found to be wrong or misleading at any stage, the firm will be liable to punitive action.
    - ix. The scan copies of all additional documents as per Clause 12 should also be submitted by the bidder.
  - Financial Documents: - Financial bid should be quoted as per BOQ.
6. The Bidders may submit their bids and online on the portal of CPPP. No conditional bids shall be allowed/ accepted. Bidders will have to upload scanned copies of various documents required for their eligibility and all other documents as specified in NIT. To enable system generated techno-commercial and price comparative statements, such statement may be submitted in Excel formats strictly. The bidder will have to give an undertaking online that if the information/declaration/scanned documents furnished in respect of eligibility criteria are found to be wrong or misleading at any stage, they will be liable to punitive action. EMD in shape of demand draft/ banker's cheque/ FDR is to be submitted in the electronic format online (by scanning) while uploading the bid. This submission shall mean that EMD are received electronically. However, for the purpose of realisation, the bidder has to send the Demand Draft/ banker's cheque/ FDR in original to this institute through post or by hand so as to reach by the time of tender opening. In case of exemption of EMD, the scanned copy of the document in support of exemption will have to be uploaded by the bidder during bid submission.
  7. The Financial Bid of the Technically Qualified bidders only will be opened after short listing of techno-commercially acceptable bidder with due information through system generated emails & SMS alerts.
  8. Bid Opening: The bids will be opened online by the bid openers mentioned at the time of creation of the tender online. Relevant bidders can simultaneously take part in bid opening online and can see the resultant bids, of all bidders. The system automatically generates a technical scrutiny report and commercial scrutiny report in case of the techno-commercial bid opening and a price comparative statement in case of price bid opening which can also be seen by participating bidders online.

9.

- i. Terms of delivery: Delivery at site, viz. ICAR-Central Avian Research Institute, Izatnagar - 243 122 Bareilly (U.P.).
- ii. Delivery period for goods: Within One month from the date of issue of Purchase Order. In case the Purchase Order is placed to foreign supplier in foreign currency, delivery period will be at least two & half months from the date of purchase order.
- iii. Erection / installation and commissioning are to be completed within 90 days of delivery of the goods at site.
- iv. Terms of Inspection by the purchaser's representative: At ICAR-CARI, Izatnagar 243 122 Bareilly after Receipt of Supply and Installation of Goods.

10. Price structure:

The ICAR Research Institutes are exempted from Excise and Customs Duties on Research Consumables, vide Notification No. 10/97-CE dated 1.3.1997 (as amended by 16/07-CE) and Notification No. 51/96-Customs respectively. However, for the ICAR Institutes to avail the aforesaid Duty Exemption benefits, the Prices are required to be quoted by Manufacturers preferably on Ex-Works basis, without including any Excise/Customs Duty component. Freight & Transit Insurance are required to be quoted extra, as per actuals, for insured transportation from Ex-Works to Destination. However, there seems to be some changes in GST recently introduced by G.O.I which will be intimated at the time of order to the selected firm.

- a. Alternatively, however, the Authorized Dealers/Retailers may quote their most competitive FOR Prices, with maximum possible Dealer's Special Discount.
- b. The rates and prices quoted by the supplier shall remain firm and fixed during the currency of the contract and shall not be subject to variation on any account, whatsoever, including stator variations, if any.

11. Receipt of Goods & Terms of Payment:

- a. Payment term for supply of goods: -

Immediately on receiving the goods at site, the purchaser will verify the quantities of the items supplied as specified in the delivery challans of the supplier and also check for any superficial damage etc. in the goods so supplied and issue a provisional receipt accordingly. Presence of Seller's representative at the time of supply is desirable for lodging objection, if any.

The purchaser, within three days of issue of the provisional receipt, will issue acceptance certificate (of the goods) to supplier, provided the goods supplied are technically acceptable in terms of the contract. The supplier will then send its invoice along with accompanying documents to the paying authority for payment. The paying authority will release the full payment to the supplier as due in terms of the contract, within ten working days of receipt of supplier's invoice, provided the invoice and the accompanying documents are in order.

- b. Buy Back Price of existing equipment will be deducted from the quoted price in BOQ and than after lowest quoter will be decided.
- c. Part payment (not more than 50%) against bank guarantee may be considered for its release if found genuine by the competent authority.
- d. Paying Authority: **Director, ICAR-Central Avian Research Institute, Izatnagar**
- e. Liquidated Damage Clause:

If any time during the performance of the contract, the supplier encounters conditions hindering timely delivery of the goods, the supplier shall promptly inform the purchaser in writing the fact of the delay and the likely duration of the same.

After receipt of supplier's communications, the purchaser shall decide as to whether to cancel the contract for the un-supplied portion after the existing delivery period, or to extend the delivery period suitably by issuing an amendment to the contract.

If the supplier fails to deliver the goods and / or perform the services within the contractual delivery period for reasons other than circumstances beyond supplier's control (which will be determined by the purchaser) and the purchaser extends the delivery period, the purchaser will also deduct from the contract price, as liquidated damage, a sum equivalent to 0.5% (half per cent) of the delivered price of the delayed goods or unperformed services for each week of delay or part thereof until actual delivery or performance.

The maximum limit of such deduction will, however, be 10% (ten per cent) of the contract price of the delayed goods or services.

Further, during such delayed period of supply and / or performance, the supplier shall not be entitled to any increase in price whatsoever on any ground.

However, the purchaser shall be entitled to the benefit of any decrease in price and cost, on any ground, whatsoever, of the goods & services, during the period of delay.

The purchaser's letter (to the seller with copies endorsed to other concerned) extending the delivery period will be subject to the above conditions.

- f. Warranty Clause:

The minimum period of Warranty / Guarantee for Equipment shall be minimum 2 years from the Date of Installation of equipment. After completion of warranty; the firm should quote the rates of the AMC for the next three years (for reference only).

g. Quality of Supply of Equipment: The Quality of Equipment to be supplied must be such that the time-period between their Date of Manufacture and their Date of Supply is ensured to be minimum possible and, in any case, not more than maximum 2 month.

h. Dispute Resolution Mechanism:

If any dispute or difference of any kind arises between the purchaser and the supplier in connection with the contract, the parties shall make every effort to resolve the same amicably by mutual discussions.

However, if the parties fail to resolve the disputes or differences by such mutual discussion within 30 days, either the purchaser or the supplier may give notice to the other party of its intention to refer the same to arbitration.

The arbitration will be conducted by a sole arbitrator, who will be appointed by the Secretary, ICAR and the procedure to be followed in this respect will be as per the Indian Arbitration act, 1996.

The venue of the arbitration shall be the place (i.e. CARI, Bareilly), from where the contract is issued.

i. In case of any Legal Dispute, the jurisdiction will be at Bareilly.

12. You are also required to fulfil the following conditions and also furnish the required details as indicated in subsequent paragraphs.

a. At the time of awarding the contract, the purchaser reserves the right to increase or decrease by up to 25%, the quantity of goods & services as specified in the above requirement, without any change in the unit price or other terms & conditions.

b. Please furnish a certified copy of your latest ITCC (Income Tax Clearance Certificate).

c. Please indicate if you are registered with any Govt. organization; and, if registered, furnish all relevant details.

d. Please state whether business dealings with you presently stand banned by any Government organization; and, if so, furnish relevant details.

e. Bidders are advised that one bidder cannot represent two suppliers or quote on their behalf in a particular tender. Specifications mentioned in Firm's Brochure will only be acceptable.

f. The supplier shall at all times indemnify the purchaser, at no cost to the purchaser, against all third party claims of infringement of patent, trademark of industrial design rights arising from the use of the goods or any part thereof, with respect to the goods quoted by the supplier in its offer.

g. The quotation(s) as well as the contract shall be written in English language. All correspondence and other documents pertaining to the quotation(s) and the contract, which the parties exchange, shall also be written in English.

The quotation and all correspondence and documents relating to the quotation exchanged between the bidder and the purchaser may also be written in Hindi language, provided that the same is accompanied by an English translation, in which

case, for the purpose of interpretation of the quotation, the English translation shall govern.

- h. The contract shall be governed by the laws of India and the interpreted in accordance with such laws.
  - i. The quotation / offer shall remain valid for acceptance for a period not less than 180 days after the specified date of opening of the offer.
  - j. The Bidder quoting the Bid of foreign equipment on behalf of Foreign Manufacture/Foreign Supplier, the Authorization Certificate from the Principal is essentially required and should be attached with the bid.
  - k. The bidder should submit the Certificate of Non-Blacklisting/ Not Banned/Temporarily suspended by any Govt. Deptt. / Organizations.
  - l. The SSI/MSEs Registered with NSIC are exempted from Tender Fees and EMD subject to submission of NSIC Registered with valid certificate with the items list.
  - m. The EMD is essentially required from the bidders. The NSIC registered firm who quote their bid of foreign make on behalf of the Foreign Manufacturer/Principal supplier should also submit the EMD. In case the required EMD is not submitted by the bidders, their bid will not be considered and will be treated as rejected.
  - n. The Annual Maintenance Contract / Comprehensive Maintenance Contract, if required by the user later on, will be awarded separately. However, the bidders are required to quote the years' wise rates for the requisite period in their bids.
  - o. The bidders should certify that the goods on which GST has been charged have not been exempted under the GST Act or the rule made there under and the charges on account of GST on these goods are correct under the provision of that Act or the rules made there under. The bidders should also certify that the goods and service tax (GST) charged on this bill is not more than what is payable under the provision of the relevant Act or the rules made there under.
  - p. Alternate/ conditionals / Optional bids will not be accepted.
13. Notwithstanding the above, the purchaser, reserves the right to accept or reject any quotation or annual the tendering process and reject all quotations at any time prior to award of the contract, without assigning any reason, whatsoever, and without incurring any liability or obligation, whatsoever, to the affected tenderer or tenderers.

Before executing supply, the successful Bidder will have to deposit Performance security as per Rule which is equal to 10% of the ordered value of goods, in the form of an Account Payee Demand Draft, Fixed Deposit Receipt from a Commercial bank, Bank Guarantee from a Commercial bank or online payment.

NOTE: - All the participating bidders should be complying with GST provisions enacted by Govt. of India from the date of 1st July, 2017.

Officer-In-Charge,  
Store Section, ICAR-CARI, Izatnagar

**Price for Old Poultry Processing Plant****Semi Automatic Poultry Processing Unit (250 Chickens/Hour Capacity)**

<b>A.</b>			
<b>Sl.No.</b>	<b>Name of Equipment in Existing Plant</b>	<b>Qty.</b>	<b>Price in INR</b>
1.	Overhead conveyor(rail) for stunning, slaughtering and evisceration with variable speed control	One Set	Rs..... (..... ..... .....)
2.	Stainless steel shackles	One Set	
3.	Electric water bath stunner	One Set	
4.	Bleeding trough (stainless steel) with covering hood (stainless steel)	One No.	
5.	Scalding tank with thermostat	One Set	
6.	Water/Steam Boiler	One No.	
7.	Feather plucker with water spray system	One Set	
8.	Evisceration Trough (Stainless steel)	One No.	
9.	Vacuum suction machine to suck out residual offals	One Set	
10.	Carcass washer	One Set	
11.	Hot water jet sprayer	Two Nos.	
12.	Offals drum	Two Nos.	

<b>B.</b>			
<b>Sl.No.</b>	<b>Name of Equipment in Existing Plant</b>	<b>Qty.</b>	<b>Price in INR</b>
1.	Main digester system	One No.	Rs..... (..... ..... .....)
	Digester cooker 3 HP motor with Gear box	One No.	
	Dumping hopper	One No.	
	Solid separator, with steam jacket and outlets	One No.	
	Valves and Pipelines	One No.	
2.	Hot Oil Generator	One No.	
3.	Vacuum system for rendering of offals	One No.	

\*Equipment available in both the existing plant may be considered as non-functional state.

Total amount

A + B = Rs.....(Amount in Words.....)

## ANNEXURE - II

### 1. Description of the goods required & Quantity:

SN	Name of Equipment/item	Bid Security/EMD (INR)
i.	<b>SEMI-AUTOMATIC POULTRY PROCESSING PLANT</b>	Rs. 3,00,000.00 (Three lakh only) in Favour of ICAR Unit CARI, Izatnagar

### 2. Guiding Specification & Other Technical Details:

## **TECHNICAL SPECIFICATION FOR NEW SEMI-AUTOMATIC POULTRY PROCESSING PLANT WITH MODERN FACILITIES**

**(Capacity: 250 BPH Approx)**

Sl. No.	Name of equipments for new plant	QTY
<b>(A) SEMI-AUTOMATIC POULTRY PROCESSING PLANT</b>		
1.	Bird hanging table/ create loading table	One set
2.	Overhead conveyor with accessories	One set
3.	Electric water bath stunner	One set
4.	Killing tray (small)	One set
5.	Bleeding trough	One set
6.	Water scalding	One set
7.	Steam boiler	One set
8.	Disc plucker/beam picker	One set
9.	Head puller	One set
10.	Evisceration belt conveyor	One set
11.	Bird washer	Two set
12.	Hock cutter	One set
13.	Hock remover	One set
14.	Screw chiller	One set
15.	Drip drum	One set

16.	Bird collection table	Two Nos.
17.	Portioning machine with table	One set
18.	Electric control panel box	One set
19.	Any other accessories to complete functioning of the plant	As required

## DETAIL TECHNICAL SPECIFICATIONS

### 1. Bird hanging table/ create loading table

It should be constructed using food grade stainless steel (SS 304), **Min.** dimension (L x W x H; 500x 500x650 mm) with square legs/pipe wall (Min. of 25 x 25 x1.2 mm thickness), sheet should be Min 1.2 mm thick.

### 2. Overhead conveyor with accessories

Conveyor length should be enough not less than 40 metres, SS 304 constructed, Min. 270 Nos. bird hanging shackles with flexibility to hanging options for different sizes live birds, glass field yokes Min. 270 Nos, desirable shackle pitch, rectangular/round frame of Min. 80 x 40 x 2mm dimension track pipe, SS nut/bolts, connector to connect track pipe, turn buckle to hang frame work on channel with the level, galvanized chain (Min. 40 metres) or as desired depending on conveyor length, shackle chain should be Min. 3mm wire diameter, 25mm pitch and 60 metre. Desirable "S" bend for up and down for scalding and hock cutting and 'L' bend on 90 Degree, 'U' Bend on 180 degree with drive, sprocket, pulley and hock cutter. Drive with special agitator type gear box with Min 0.5HP motor (or as desired depending on conveyor) having low power consumption (220/440 volt, 3 Phase, 50Hz) and any other accessories required.

### 3. Electric water bath stunner

It should be SS 304 constructed molded with shock proof material (preferable fibreglass reinforced plastic), Min. dimension (L x W x H; 1000x 650x2000 mm), well build transformer (output voltage Min. from 5VAC to Max 90VAC) with digital voltage, amp and frequency meters, control panel, height adjustments screw and bold to maintain height as per needs for birds, shackle guided bar, water drainage system with valve, frame work SS (Min. dimension 80 x 40 x 2mm).

### 4. Killing tray (small)

SS304 constructed, Min. dimension (L x W x H; 1000 x 500 x 1450mm); conical hopper to kill the bird manually, plastic tub to collect blood, knives- 02Nos, stand dimension Min. 25 x 25 x 1.2 mm.

**5. Bleeding trough**

Bleeding trough should be SS304 constructed with PVC screen, Min. dimension (L x W x H; 1800 x 500 x 900mm), single pass, 4 Minutes bleeding time, drain outlet, height adjustment bolt, frame dimension 40 x 40 x 1.2 mm, thickness of SS sheet Min 1.2 mm

**6. Water scalding**

It should be compact design, SS304 constructed, Min. dimension (L x W x H; 2300 x 350 x 950mm), single/double/triple pass, air agitation facilities with air nozzles, scalding time Min. 90 seconds, water overflow control system, height adjustment bolt, baffles for proper scalding of birds, water drainage system, shackle guide rods, control panel, temperature sensor, temperature probe with digital temperature controller, air agitation blower 2.0HP, SS sheet 2 mm thick, stand rectangle and square pipe dimension Min. 80 x 40 x 2 mm thick and 40 x 40 x 1.2 mm thick. Temperature range 45-90 °C, hot water shower with detachable ramp and any other accessories required for smooth functioning of scalding tank

**7. Steam boiler:** Vertical steam boiler, MS constructed steam boiler with HSD oil fired burner as heating source, Min. 100 kg steam production per hour, Max. working pressure 10kg/cm<sup>2</sup>, dedicated connection pipe from boiler to scalding tank, water softening facilities before feeding the water to boiler, feed water pump motor, three phase electricity supply, temperature indicator, simple cleaning operations, spring loaded safety valve-1, Main steam stop valve-1, Auxiliary steam valve-1, blow down valve with limit switch for burner interlock-1, pressure gauge with siphon and bib clock-1, pressure switch with steam header-1, Instruction manual and laminated wiring diagram for steam boiler, mountings with all safety system and any other accessories require to successful running of boiler.

**8. Disc plucker/beam picker**

The disc plucker should be SS304 constructed with heavy gauge thick sheet (Min. 2mm) for front panel and stand pipe dimension Min. (80 x 40 x 2 mm thick). Contain **at least 24 dedicated rotating discs** (for capacity 250BPH), rust proof, each panel should contain 2 rows of 6 discs with one driven motor for four combined row, at least 18 high quality imported rubber fingers on each disc or any suitable combinations, shackle guide pipe and water spray pipe, V belt, manual moving panel drives to control distance by hand wheel of both panels as per bird's average size, height adjustment bolts, height and distance adjustment facilities, body sheet Min. 3 mm thickness, side panel 3 mm thickness, disc 2 mm thickness, stand/frame dimension 80 x 40 x 2 mm thick Min. 4 Nos. of standard quality Motors of 1.5 HP each or as desired for successful running of plant.

**9. Head puller:**

It should be SS 304 constructed (Pipe: 25 x 25 x 1.6 mm thick), automatic stainless steel constructed, accurate guide bars to position head prior to pulling Min dimensions: 350 mm X 450mm X 1200 mm Height.

**10. Evisceration belt conveyer**

It should be constructed (Sheet: 1.2 mm, pipe-1.6mm thick with Min dimension: L x W x H; 40 x 40 x 1.2 mm thick, L x W x H; 25 x 25 x 1.2mm thick, Motor 0.5 HP; Gear box, Three Nos. each of evisceration trolley, spoons, sticking knife and offal collection bins, Min. dimension: L x W x H; 2500 x 450 x 850 mm; and any other accessories required for evisceration line.

**11. Bird washer (two)**

It should be SS304 constructed with Jet spray nozzles, drain valve, bracket, stand/frame Min. dimension: 900x420x1250 mm thick, square pipe Min. dimension 40x20x1.2 mm thick, Sheet 2 mm thick.

**12. Hock cutter**

SS 304 constructed, SS 180-degree model leg cutter, Min. 8-12 inches stainless steel cutter fully adjustable, height adjustment mechanism with all safety features, Motor- Min. 2. HP Dimension of stand/leg Min. 40x40x1.6 mm thick, body sheet should be 2mm. Min. dimensions: (L x W x H; 600 X 400 X 2000 mm).

**13. Hock remover**

It is to remove hock from the shackle after cutting hock. The hock remover should be SS 304 constructed with guide rod and brackets, delrin strips (approx. 600) Min. pipe dimension: 40 x 20 x 1.6 thick. Min. dimensions: (L x W x H; 210 X 950 X 750 mm).

**14. Screw chiller**

SS304 constructed, body sheet Min. 1.6 mm thick, screw sheet Min 2.0 mm thick, Min. dimension (L x W; 3.0 x 1.0 meter), half round shape tank, adjustable screw driver, screw shaft birds out lets, Gear Motor- Min. 0.5HP, Blower Motor-2HP dedicated heavy duty bearings, air agitation system, water overflow control, drain facilities and dedicated shaft pipe Min. dimension (OD) 125mm x 3mm thick wall.

**15. Drip drum**

SS 304 constructed, at least 1.5 to 2.0 meter length rotating drum, Gear motor- 2 HP, sheet thickness minimum 1.2, stand/frame dimension Min. 80x40x2 mm thick.

**16. Bird collection table**

Bird collection table should construct using SS304, Min. dimension (L x W x H; 8 feet x 4feet x 3feet), with height adjustable legs for collecting the birds after drip drum, frame/stand dimension Min. 25x25x1.2 mm thick. Table top sheet thickness Min. 1.2 mm.

**17. Portioning machine with table**

It should be constructed using SS 304, attached with all safety features, SS 410 cutting blade (8 10 inches diameter) provide sharp cutting to dressed birds, body sheet thickness 3 mm (Min.), Motor- 1 HP (Min.), single phase, 220/240VAC, 50Hz

**18. Electrical control panel box.**

Simple, constructed with SS 304 material, provided with contactors and over load relays for each motors and equipments, device for control speed of overhead conveyor and screw chiller, short circuit preventer, earth leakage circuit breaker, switch, fuse, push-type ON/OFF buttons for each machine, overload indicators, bus bar chamber and outer cable alley, digital volt, ampere, frequency meter.

19. **Any other accessories** or parts required for satisfactory function of poultry processing plant.
20. Qualified firms **should attend Pre-Bid conference** before participating and quoting the tender.
21. The qualified firm **must visit the old plants as well as at the site of new building of proposed plants** before participating in tender call (**only in any working day**).
22. The price should be quoted for the **new poultry processing plant and buy-back, separately**.
23. **Price should include** civil foundations & civil works, electrical connections (Electrical panel, switches, wires/cables etc), motors, starters etc wherever required or any other work along with the offer price.
24. If any additional equipment (including **boiler**) is required to install for successful running of both the plants should include in the total price.
25. At least **two years guarantee** should be given. Additional **5 years non-comprehensive AMC) after two years** guarantee period) should include along with the offer price.
26. Payment should be made only after satisfactory installation and commissioning of the plants.
27. **No price should include** under separate sub-heading “**Two years Warranty periods**” since it is minimum require for the equipments.
28. Installation, erection and commissioning must be completed **within 90 days of time**.
29. The old poultry processing plant should take away from the institute only after **15 days of satisfactory installation** & commissioning of plants.
30. It is required to give training to **two personal for 7 days after installation** of plant.
31. A set of any essential tools required for running for plant is to be provided along with the plant.
32. **User list in India and abroad and FOR** to CARI, Izatnagar.
33. **Please read carefully all terms and conditions of tender form before quoting the price.**

<b>(B) RENDERING PLANT (Min 10 kg to Max 100kg of poultry waste per Batch)</b>		
1.	<b>Main digester system</b>	
	Digester cooker with motor and gear box	One No.
	Dumping hopper	One No.
	Solid separator, with steam jacket and outlets	One No.
	Valves and Pipelines	One No.
2.	<b>Heating device for digester</b>	One No.
3.	<b>Vacuum system for rendering of offals</b>	One No.

1. Digester cooker with motor and gear box: Capacity should be 10 kg - 100 kg per batch, create up to 40 PSI pressure sufficient to disintegrate the waste material into the meal. The temperature should create up to 140 °C by electrically operated/steam operated heating system. The digester should also equipped with heavy duty motor, digital display of temperature and pressure, dumping hopper, solid separator, with steam jacket and outlets, valves and pipelines, facilities to eliminate foul smell generating in digester cooker, all safety precautions etc.
2. Heating: Heating source for the digester should be from electrical connection / boiler (steam heating) should provide.
3. Vacuum system for rendering of offals: In –built vacuum system of the digester is required; if not available separate vacuum arrangement should be made which should be easy to operate.
4. Any other accessories to complete functioning of the rendering plant: Any accessories/ equipment parts are required for successful running of the plant.
5. Commissioning and erection including civil foundations & civil works, electrical connections (Electrical panel, switches, wires/cables etc), motors, starters etc wherever required.
6. **Min two years of warranty and AMC for 5 years** after completion of warranty period.
7. Qualified firms **should attend Pre-Bid conference** before participating and quoting the tender.
8. The qualified firm **must visit the old plants as well as at the site of new building of proposed plants** before participating in tender call (**only in any working day**).
9. The price should be quoted for the **new dry rendering unit and existing unit (Buy back) separately**.
10. **Price should include** civil foundations & civil works, electrical connections (Electrical panel, switches, wires/cables etc), motors, starters etc wherever required or any other work along with the offer price.
11. If any additional equipment (including **boiler**) is required to install for successful running of both the plants should include in the total price.
12. At least **two years guarantee** should be given. Additional **5 years non-comprehensive AMC) after two years** guarantee period) should include along with the offer price.
13. Payment should be made only after satisfactory installation and commissioning of the plants.
14. **No price should include** under separate sub-heading “**Two years Warranty periods**” since it is minimum require for the equipments.
15. Installation, erection and commissioning must be completed **within 90 days of time**.

16. The old poultry processing plant should take away from the institute only after **15 days of satisfactory installation** & commissioning of plants.
17. It is required to give training to **two personal for 7 days after installation** of plant. To smooth functioning of plant provide the services of specialist for the period of six months.
18. A set of any essential tools required for running for plant is to be provided along with the plant.
19. **User list in India and abroad and FOR** to CARI, Izatnagar.
20. ***Please read carefully all terms and conditions of tender form before quoting the tender.***

<b>(C) EFFLUENT TREATMENT PLANT (Approx. capacity: 2.5-3 K.L.D)</b>		
1.	Robust and compact design can effectively treat effluent of poultry dressing plant with primary, secondary and tertiary waste water treatment facilities.	
2.	Effluent from the ETP designed by the firm should meet water (Prevention and Control of Pollution Act, 1974 and Environ (protection) Act, 1986 & Amendment Rules, 2017.	

### **Detail technical specifications**

1. The ETP to be installed should have the capacity to treat as per the required quantity of effluent discharge per day (Approx. Capacity: 2.5- 3.0 KLT).
2. The nature of effluents is mostly organic solids, poultry faeces, microbiological, detergent and disinfectants.
3. The outflow of the treated effluent from the ETP designed by the firm should meet water (Prevention and Control of Pollution Act, 1974 and Environ (protection) Act, 1986. Environment (Protection) Amendment Rules, 2017.
4. Power input: 220-240V/ 50 Hz AC Single phase or 380-400V AC 50 Hz Three phase fitted with appropriate Indian plugs and sockets.
5. Pre-assessment/feasibility studies of the effluent being discharged in terms of flow rate, chemical and biological pollution load etc. shall have to be undertaken by the successful tenderer before designing the ETP.
6. The successful tenderer shall be required **to create all the necessary infrastructure of ETP including** civil foundations & civil works, electrical connections (Electrical panel, switches, wires/cables etc), motors, starters etc wherever required **with the latest compact ETP technology** with complete automatic on line monitoring of all essential parameters as per PCB norms and install, commission it.
7. The tender submitted by the firm should be complete in all respects stating design the equipment, monitoring system and automatic control system. The tender should include drawings brochures and catalogue where essential.

8. The firm can visit the site during the sale of tender documents under prior intimation to inspect the site where the ETP is proposed to be installed.
9. **Non-comprehensive warranty for 2 years and provision of AMC for next 5 years.**
10. The firm shall also include a list of customers to whom they have supplied their ETP installed and commissioned to the satisfaction of the customer and with complete satisfaction of the Pollution Control Board.
11. User/Technical/Maintenance manuals to be supplied.
12. Certificate of calibration and inspection.
13. Qualified firms **should attend Pre-Bid conference** before participating and quoting the tender.
14. The qualified firm **must visit at the site of new building of proposed ETP** before participating in tender call (**only in any working day**).
15. **Price should include** civil foundations & civil works, electrical connections (Electrical panel, switches, wires/cables etc), motors, starters etc wherever required or any other work along with the offer price.
16. If any additional equipment is required to install for successful running of ETP should include in the total price.
17. At least **two years guarantee** should be given. Additional **5 years non-comprehensive AMC) after two years** guarantee period) should include along with the offer price.
18. Payment should be made only after satisfactory installation and commissioning of the plants.
19. Installation, erection and commissioning must be completed **within 90 days of time**.
20. It is required to give training to **two personal for 7 days after installation** of plant.
21. A set of any essential tools required for running for plant is to be provided along with the plant.
22. **User list in India/abroad and FOR** to CARI, Izatnagar.
23. **Please read carefully all terms and conditions of tender form before quoting the tender.**

**TENDER ACCEPTANCE LETTER**  
**(To be given on Company Letter Head)**

**DATE :**

**To,**

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**Sub: Acceptance of Terms & Conditions of Tender.**

**Tender Reference No:** \_\_\_\_\_

**Name of Tender / Work: -**

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. \_\_\_\_\_ to \_\_\_\_\_ (including all documents like annexure(s), schedule(s), etc .,), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.
3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.
6. I / We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

**(Signature of the Bidder, with Official Seal)**

**CERTIFICATE OF NO DEVIATION**

(To be given on letter head)

NIT No.

I/We, M/s.....herby certify that notwithstanding any contrary indication/conditions elsewhere in our offer documents, I/We have neither set any terms and conditions nor there is any deviation taken from the conditions of ICAR-CARI, Izatnagar tender specification, either technical or commercial, and I/We agree to all the terms and conditions mention in ICAR CARI, Izatnagar tender specification with associated amendments and clarification.

(Signature of the Bidder with Name, Designation & Company's Seal)

**PRICE REASONABILITY CERTIFICATE**

(To be given on letter head)

This is to certify that we have offered the maximum possible discount to you in our Quotation No.....dated for (Currency).

We would like to certify that the quoted price are the minimum and we have not quoted the same item on lesser rates that those being offered to ICAR CARI, Izatnagar to any other customer nor they will do so till the validity of offer or execution of purchase order, whichever is later.

Seal and Signature of the tenderer

NON BLACKLISTING CERTIFICATE

(To be given on letter head)

I/We hereby certify that the (Name of the company/firm) has not been ever blacklisted/debarred by any Central/State Government/Public Undertaking/Institute on any account.

I/We also certify that the information given in bid is true and correct in all aspects and in any case at a later date it is found that any details provided are false and incorrect, contract given to the concern firm or participation may be summarily terminated at any stage, the firm will be blacklisted and ICAR CARI, Izatnagar imposed any action as per NIT rules.

Date:

Place:

Name:

Business Address:

Signature of Bidder:

Seal of the Bidder:

MANUFACTURER'S AUTHORIZATION FORM

(The Bidders shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letter head of the Manufacturer and should be signed by a person with the proper authority to sign documents that are binding on the Manufacturer.)

Date: insert date (as day, month and year) of Bid submission

Tender No: (insert number from Invitation for Bids)

To (insert complete name and address of Purchaser)

WHEREAS

We(insert complete name of Manufacturer), who are official manufacturers of (insert category of goods manufactured), having factories at (insert full address of Manufacturer's factories), do hereby authorize (insert complete name of Bidder) to submit a bid the purpose of which is to provide the Goods, manufactured by us (insert the category of Goods), and to subsequently negotiate to sign the Contract.

We hereby confirm that we shall be solely and fully responsible in case of discrepancy with regard to quality, quantity, Packages or defects at the time of supply/usage. In such cases we shall provide free replacement immediately.

Signed (insert signature(s) of authorizer representative(s) of the Manufacturer)

Name:(insert complete name(s) of authorized representative(s) of the Manufacturer) Title (insert Title) Duly authorized to sign this Authorization on behalf of (insert complete name of Bidder)

Dated on .....day of.....(Insert date of signing)

## UNDERTAKING

(To be given on Company Letter Head)

I, (Name of owner/proprietor etc. of the firm)  
S/W/D/O/ .....and  
R/O.....  
on behalf of M/s.....  
Address.....participating in  
Tender No..... dated.....for the "Semi-Automatic Poultry  
Processing Plant with Modern Facilities (Capacity : 250BPH approx.). We do hereby  
declare/affirm here under that

- a. I undertake that our firm have not blacklisted debarred and our similar services have also not been banned or suspended so far due to non supply/ installation of equipment or any reason including corrupt and fraudulent practices in the poast by any Govt./Central Govt. or Local bodies/any organization etc. And there are no any vigilance/CBI/FEMA case pending against our firm.
- b. I also undertake and confirm that all the particulars/ documents furnished by us on behalf of the company/ firm are true and correct and no material and information have been concealed or misrepresented by us on part of our firm against the tender.

Dated:

Place:

Name of the Authorized Signatory

Stamp and signature