



**RND AUTOMATION PVT. LTD.**

**RND/QT/XYZ/18-19**  
**DATE: DD/MM/YYYY**

**QUOTATION**

**FEATURES OF THE POULTRY PROCESSING PLANT**  
**(2000 BIRDS / HR) LA - STD**

SUITABLE FOR PROCESSING	BROILERS
WITH AN AVERAGE LIVE WEIGHTS OF	1.5 KG
MINIMUM WEIGHT	1.2 KG
MAXIMUM WEIGHT	2.5 KG
FOR AN HOURLY CAPACITY OF	2000 BIRDS PER HOUR.
NUMBER OF SHIFTS	ON 1 SHIFT BASIS FOR 6 DAY A WEEK
BLEEDING TIME	240 SECONDS
FOLLOWING SCALDING SYSTEM	90 SECONDS AT 54 TO 56 DEGREES CELSIUS
PRODUCT	FRESH / CHILLED
EQUIPMENT LAID OUT FOR	220/440V, 3 PHASE, 50 CYCLES
POWER CONSUMPTION	APPROX. 40 – 45 HP/ 30 - 32 KW
WATER CONSUMPTION	8-10 LITERS PER BIRD.
ICE CONSUMPTION	APPROX. 1KG/BIRD



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**2000 BIRDS / HR LA-STD**

<b><u>SR.NO</u></b>	<b><u>EQUIPMENT</u></b>	<b><u>EX-FACTORY RATE INR</u></b>
<b>I. THE KILLING LINE:</b>		
1.	<b>GRAVITY CRATE CONVEYOR: 6 MTR</b> ➤ Stainless Steel crate conveyor	200340
2.	<b>OVERHEAD CONVEYOR LINE WITH SUPPORT FRAMEWORK: 78 MTR APPROX</b> <ul style="list-style-type: none"> <li>➤ For Defeathering – Overhead conveyor,</li> <li>➤ Round pipe track with trolleys 6 link, total 511 shackles &amp; trolleys.</li> <li>➤ Stainless steel round pipe sections with stainless steel connectors</li> <li>➤ Clamps for fastening supports to steel construction</li> <li>➤ Glass filled trolleys with Delrin wheels on stainless steel bearing balls.</li> <li>➤ Stainless steel Installation bolts/nuts</li> <li>➤ 320 Ft stainless steel connection chain</li> <li>➤ 256 Ft Galvanized calibrated hardened steel chain</li> <li>➤ Shackle guiding rail hanging area</li> <li>➤ 1 drive unit 180 Degree, Drive with special gearbox</li> <li>➤ 1 tensioner set in a 180 Degree corner wheel</li> <li>➤ 90 degrees/180 degree idler units</li> <li>➤ 90 degrees up and down drive unit</li> <li>➤ The Conveyor length</li> </ul> <p style="text-align: right; margin-right: 50px;">} as per final layout</p>	2652000
3.	<b>BIRD WASHER BIG</b> <ul style="list-style-type: none"> <li>➤ Stainless steel bird washers with water jet spray nozzles.</li> <li>➤ After hanging of birds and before Stunning.</li> </ul>	98359
4.	<b>STUNNING UNIT: 2 MTR</b> <ul style="list-style-type: none"> <li>➤ Fiber glass water bath with electric stunning</li> <li>➤ Complete with adjustable SS framework to suit various sizes of birds.</li> <li>➤ Totally enclosed in Control Panel Box</li> </ul>	601020
5.	<b>KILLING TRAY (Large)</b> <ul style="list-style-type: none"> <li>➤ Stainless steel tray to kill birds by manual halal knife process</li> <li>➤ Conical Hopper to collect blood in plastic tub.</li> </ul>	121103
6.	<b>BLEEDING TROUGH</b> <ul style="list-style-type: none"> <li>➤ Suitable for 4 minutes bleeding</li> <li>➤ Stainless steel constructed trough to collect blood after halal.</li> </ul>	995111
7.	<b>SCALDING TANK</b> <ul style="list-style-type: none"> <li>➤ Total scalding length of approx 150 seconds between 51 to 58 degrees celsius</li> <li>➤ Temperature sensor</li> <li>➤ Temperature probe with digital display. Air agitation system (Including Blower)</li> </ul>	2154283

Regd. Office # 1 & 4 Shiv Complex, II ND Floor Kondhwa Bk, Pune 411048, Maharashtra India

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CIN: U29150PN2007PTC130539 2007-08


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	<ul style="list-style-type: none"> <li>➤ Automatic heating by direct steam injection</li> <li>➤ Over flow controller for controlling water level</li> <li>➤ Stainless steel shackles guide rods and brackets</li> <li>➤ Range : -40 to 150 deg C, M34, LED display</li> <li>➤ Output : 1 Prog DC PNP +4.20A analog,</li> <li>➤ PT 1000 based <b>TN2530</b></li> <li>➤ With 5 meter PUR wirable connector <b>E10901</b></li> <li>➤ <b>(NOTE: BOILER NOT IN OUR SCOPE OF SUPPLY)</b></li> </ul>	
8.	<b>HEAD PULLER</b> <ul style="list-style-type: none"> <li>➤ Automatic stainless steel constructed head puller</li> <li>➤ Guide bars to position head prior to pulling..</li> </ul>	25324
9.	<b>32 DISC PLUCKER</b> <ul style="list-style-type: none"> <li>➤ Feather Plucker having 32 Quick release Discs &amp; 9 fingers on each Disc</li> <li>➤ Heavy gauge SS construction</li> <li>➤ Double side high efficiency belt driven</li> <li>➤ Shackles guiding bar and water pipe with stainless steel ball valve</li> <li>➤ Height and distance adjustment.</li> </ul>	2255542
10.	<b>32 DISC PLUCKER</b> <ul style="list-style-type: none"> <li>➤ Feather Plucker having 32 Quick release Discs &amp; 9 fingers on each Disc</li> <li>➤ Heavy gauge SS construction</li> <li>➤ Double side high efficiency belt driven</li> <li>➤ Shackles guiding bar and water pipe with stainless steel ball valve</li> <li>➤ Height and distance adjustment.</li> </ul>	2255542
11.	<b>BIRD WASHER SMALL</b> <ul style="list-style-type: none"> <li>➤ Stainless steel bird washers with water jet spray nozzles.</li> <li>➤ After Defeathering and before Evisceration.</li> </ul>	65284
12.	<b>AUTOMATIC HOCK REMOVER</b> <ul style="list-style-type: none"> <li>➤ Stainless steel constructed guide rod &amp; brackets</li> <li>➤ After Hock Cutter to remove Hock from Shackle</li> </ul>	77824
13.	<b>AUTOMATIC CHAIN &amp; SHACKLE WASHER</b> <ul style="list-style-type: none"> <li>➤ Made of stainless steel and other Non-corrosive materials,</li> <li>➤ Stainless steel frame</li> <li>➤ Two vertical rotating nylon brushes,</li> <li>➤ Driven by a electric motor &amp; reduction gearbox</li> <li>➤ Water spray nozzles</li> </ul>	272412
14.	<b>HOCK CUTTER</b> <ul style="list-style-type: none"> <li>➤ Stainless steel 90/180-degree model leg cutter</li> <li>➤ 12/14" Stainless steel cutter fully adjustable</li> </ul>	310275
<b>TOTAL FOR THE KILLING AREA</b>		<b>12084419</b>

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<b>II. THE EVISCERATION AREA:</b>		
15.	<p><b>OVERHEAD CONVEYOR LINE WITH SUPPORT FRAMEWORK</b></p> <ul style="list-style-type: none"> <li>➤ For Evisceration: Overhead conveyor, approx 35 mtr</li> <li>➤ Round pipe track with trolleys 6 links,</li> <li>➤ Total 230 shackles &amp; trolleys</li> <li>➤ Stainless steel round pipe sections</li> <li>➤ With stainless steel connectors</li> <li>➤ Clamps for fastening supports to steel construction</li> <li>➤ Glass filled trolleys with Delrin wheels</li> <li>➤ On stainless steel bearing balls.</li> <li>➤ Stainless steel Installation bolts/nuts</li> <li>➤ 144 Ft stainless steel connection chain</li> <li>➤ 115 Ft Galvanized calibrated hardened steel chain</li> <li>➤ Shackle guiding rail hanging area</li> <li>➤ 1 drive unit 180 Degree, drive with special gearbox</li> <li>➤ 1 tensioner set in a 180 Degree corner wheel</li> <li>➤ 90 degrees/180 degree idler units</li> <li>➤ 90 degrees up and down drive unit</li> <li>➤ The Conveyor length</li> </ul> <p style="text-align: right;">} as per final layout</p>	1190000
16.	<p><b>BIRD REHANGING TABLE</b></p> <ul style="list-style-type: none"> <li>➤ 8 x 4 x 3 Stainless steel constructed table</li> <li>➤ With height Adjustable leg for rehangng the birds</li> </ul>	55628
17.	<p><b>EVISCERATION BELT CONVEYOR Approx 12 mtr</b></p> <ul style="list-style-type: none"> <li>➤ Stainless steel shackle guide bar</li> <li>➤ 10 wash stations with Stainless Steel Water taps &amp; Stainless Steel Valve.</li> <li>➤ 3 Nos. Stainless Steel knives</li> <li>➤ 10 Nos Evisceration Spoons</li> </ul>	1440000
18.	<p><b>BIRD WASHER: BIG</b></p> <ul style="list-style-type: none"> <li>➤ Stainless steel bird washer with water jet spray nozzles</li> <li>➤ Used after Evisceration</li> </ul>	98359
<b>TOTAL FOR THE EVISCERATION AREA</b>		<b>2783987</b>
<b>III. THE CHILLING LINE:</b>		
19.	<b>BIRD UNLOADER</b>	95331



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20.	<b>SCREW WASHER: 1.6 MTR DIA. WIDE X 3 MTRS LONG.</b> <ul style="list-style-type: none"> <li>➤ Made of stainless steel,</li> <li>➤ Adjustable speed screw drive</li> <li>➤ Fixed unloader, mounted at the screw shaft,</li> <li>➤ Air blowers for proper agitation for washing the birds in portable water</li> <li>➤ Chilling medium: chilled water/ flake ice</li> </ul> Price excluding water chilling unit /flake ice unit.	1192395
21.	<b>SCREW CHILLER: 1.6 MTR DIA. WIDE X 6 MTR LONG</b> <ul style="list-style-type: none"> <li>➤ Made of stainless steel,</li> <li>➤ Adjustable speed screw drive</li> <li>➤ Fixed unloader, mounted at the screw shaft,</li> <li>➤ Air blowers for proper agitation for washing the birds in portable water</li> <li>➤ Chilling medium: chilled water/ flake ice</li> </ul> Price excluding water chilling unit /flake ice unit.	2082807
22.	<b>DRIP DRUM: 3 mtr.</b> <ul style="list-style-type: none"> <li>➤ Excess water separator for wet birds.</li> <li>➤ Made of stainless steel</li> <li>➤ Rotating drum sieve with hydraulic variable speed drive</li> </ul>	552126
23.	<b>BIRD COLLECTION TABLE</b> <ul style="list-style-type: none"> <li>➤ 8' x 4' x 3' Stainless steel constructed table</li> <li>➤ With height Adjustable leg for collecting the Birds</li> </ul>	55628
24.	<b>ELECTRICALS &amp; PANEL BOARD</b> <ul style="list-style-type: none"> <li>➤ Stainless steel constructed</li> <li>➤ Easy open able door</li> <li>➤ Separate contactor &amp; overload relay for each equipment</li> <li>➤ Earth leakage circuit breaker</li> <li>➤ Switch fuse unit for panel</li> </ul>	516591
<b>TOTAL FOR THE CHILLING AREA</b>		<b>4494878</b>
<b>IV. FURTHER PROCESSING/OPTIONAL EQUIPMENT</b>		
25.	<b>BIRD COUNTER</b> <ul style="list-style-type: none"> <li>➤ Industrial counter with display 6-digit</li> <li>➤ 15mm character height LED display</li> </ul>	204295
26.	<b>GIZZARD PEELER</b> <ul style="list-style-type: none"> <li>➤ Specially Imported Peeling Rollers fitted on to a frame work to clean and peel gizzards quickly &amp; efficiently</li> <li>➤ Entirely made of stainless steel with double set of Peeling rollers</li> </ul>	330767


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27.	<b>PORTIONING MACHINE WITH TABLE: 2 Nos</b> > Completely in SS 304.1.5 HP, 3 Phase motor > 10" dia. SS hardened cutting blade	197810
28.	<b>DEBONING CONVEYOR - VARIABLE SPEED</b> > Completely in Stainless Steel. > With VFD > Model No. DC-7-35 > Conveyor Length 7 Mtr > Cone Pitch (CM.) 35 > Approx. No. of Cone 40 > 0.5 HP Motor, Three Phase	732000
29.	<b>S.S. PACKING TABLE:</b> > 8 x 4 Stainless steel constructed table > 2 Nos of bagging cone for packing the bird > 6 Nos 600mm x 400mm x 220mm plastic crates > 4 Nos 600 x 400 x 320 Plastic crates.	155649
<b>TOTAL FOR FURTHER PROCESSING / OPTIONAL EQUIPMENT</b>		<b>1620521</b>

**SUMMARY COSTING FOR THE 2000 BPH PLANT**

<b>SR#</b>	<b>EQUIPMENT</b>	<b>AMOUNT INR</b>
1.	KILLING AREA	12084419
2.	EVISCEATION AREA	2783987
3.	CHILLING AREA	4494878
4.	FURTHER PROCESSING / OPTIONAL EQUIPMENT	1620521
<b>TOTAL</b>		<b>20983805</b>

**AMOUNT IN WORDS: TWO CRORES NINE LAKHS EIGHTY THREE THOUSAND EIGHT HUNDRED AND FIVE ONLY.**

**NOTE: ABOVE PRICES ARE EX-WORKS**



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**TERMS & CONDITIONS**

**GST:** 18% APPLICABLE

**LEVIES & OCTROI:** AS APPLICABLE

**PACKAGING, FORWARDING:** EXTRA AT ACTUALS,

**TRANSPORTATION & INSURANCE:** EXTRA AT ACTUALS,

**PRODUCT SPECIFICATION / S:** ALL PRODUCT, PRODUCT SPECIFICATIONS AND DATA AS PER THE QUOTE ARE SUBJECT TO CHANGE WITHOUT NOTICE TO IMPROVE RELIABILITY, FUNCTION OR DESIGN OR OTHERWISE.

**SUPERVISION FOR ERECTION & COMMISSIONING:** AS TABULATED BELOW:

	<b><u>ADVANCE</u></b>	<b><u>TO CUSTOMERS ACCOUNT</u></b>				
	ALONG WITH ORDER FINALISATION	<b><u>VISA CHARGES</u></b>	<b><u>TRAVEL CHARGES</u></b>	<b><u>LOCAL TRANSPORT</u></b>	<b><u>LOCAL STAY</u></b>	<b><u>MEALS</u></b>
<b>DOMESTIC</b>	2,00,000 INR	NA	TRAIN- III AC	YES	YES	YES
<b>ABROAD</b>	REFER NOTE 1	YES	AIR TRAVEL	YES	YES	YES

**NOTE 1:** FOR FOREIGN INSTALLATIONS THE NET PAYABLE IS @ 100\$ PER PERSON PER DAY . THE SAME NEEDS TO BE WORKED ON PROBABLE DURATION AND WILL BE INVOICED WITH THE ORDER.

**DELIVERY:** 10 TO 12 WEEKS. FINAL DELIVERY PERIOD ON REQUEST.

**PAYMENT TERMS:** 100% ADVANCE ALONG WITH PURCHASE ORDER.

**GUARANTEE:** ONE-YEAR GUARANTEE AGAINST ANY MANUFACTURING DEFECTS. THIS DOESNOT COVER RUBBER FINGERS, BEARINGS & CHAIN THAT WEAR OUT WITH USAGE OR ANY OTHER WEAR PARTS.

**NOT IN OUR SCOPE OF SUPPLY:** - ALL ELECTRICAL CONNECTIONS, WATER & SEWAGE CONNECTION TO THE POSITION OF THE MACHINES TO BE CARRIED OUT BY YOU. WELDING MACHINE, GENERAL TOOLS AND CASUAL LABOUR AND CIVIL WORK INCLUDING MS CHANNELS OF ANY KIND REQUIRED FOR ERECTION AND COMMISSIONING TO BE SUPPLIED BY YOU.



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**STATUTORY AND REGULATORY REQUIREMENTS:**

- 1) Without final layout sanction from customer and RND Automation Pvt. Ltd. Internal work order will not be processed. And this processing time will be not included in final commitment of delivery.
- 2) Water – Proper water supply for Dressing and cleaning
- 3) Electrical supply phase is required as per machinery.
- 4) LPG- No Objection Certificate – Commercial gas connection should be there.
- 5) Sufficient space and building is required as per machinery layout.
- 6) Pollution control board certificate is required if necessary.
- 7) Shop Act license/ Factory act license required if necessary.
- 8) HACCP certificate is required if necessary.

**SUPERVISION OF INSTALLATION AND COMMISSIONING**

- 1) Comprehensive charges of Installation and commissioning as per pro-forma invoice
- 2) The installation will be effected according to a final layout to be approved by the client.
- 3) All installation and commissioning work should be completed within 6 months after B/L date.
- 4) Prior to and during installation and commissioning, you should see to:
  - a. Installation of all equipment that is not part of scope of supply
  - b. Transportation from site to hotel and back.
  - c. Sufficient testing material, as required by our engineer
  - d. All tools, as well as hoisting and lifting equipment required for installation
  - e. Sufficient skilled staff comprising of an electrician, welder, plumber, two mechanics and sufficient unskilled workers.

NOTE: -

- A) PRICES VALID FOR 60 DAYS FROM DATE OF QUOTATION.
- B) ADVANCE RECEIVED IS NOT REFUNDABLE.
- C) ONCE EQUIPMENT IS READY IT HAS TO BE COLLECTED WITHIN 30 DAYS OF INTIMATION OTHERWISE INTEREST WILL BE CHARGED AT 24% ON THE BALANCE AMOUNT.
- D) IN THE EVENT THAT WE HAVE TO PACK AND FORWARD THE EQUIPMENT, EXPLICITE INTSTRUCTIONS SHOULD BE GIVEN BY THE BUYER AND IT WILL BE DONE TO HIS COST.

THANKING YOU,  
YOURS SINCERELY

**FOR RND AUTOMATION PVT. LTD.**

**AUTHORISED SIGNATORY**