



RND AUTOMATION PVT. LTD.



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

QUOTATION

FEATURES OF THE POULTRY PROCESSING PLANT
(500 BIRDS / HR) STD

SUITABLE FOR PROCESSING	BROILERS
WITH AN AVERAGE LIVE WEIGHTS OF	1.8 KG
MINIMUM WEIGHT	1.2 KG
MAXIMUM WEIGHT	2.5 KG
FOR AN HOURLY CAPACITY OF	500 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. 16 TO 20 HP
WATER CONSUMPTION	8-10 LITRES PER BIRD
ICE CONSUMPTION	APPROX. 1KG/BIRD



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500 BIRDS PER HOUR - STD

SR.NO.	DISCRIPTION OF EQUIPMENTS	EX-FACTORY RATE INR
I.FOR THE KILLING AREA		
1.	CRATE LOADING TABLE <ul style="list-style-type: none"> ➤ Size 600mm X 600mm X 750 mm Height. ➤ SS 304 Constructed. ➤ Suitable to Load Live Birds Crate to hang on conveyor. 	8756
2.	OVERHEAD CONVEYOR: 49 mtr (Appx): <ul style="list-style-type: none"> ➤ Round pipe track with trolleys 6 link, total 322 shackles & Trolleys. ➤ Stainless steel round pipe sections with stainless steel connector ➤ Clamps for fastening supports to steel construction ➤ Glass filled trolleys with Delrin wheels on stainless steel bearing Balls. ➤ Stainless steel Installation bolts/nuts ➤ 200 Ft stainless steel connection chain ➤ 160 Ft Galvanized calibrated hardened steel chain ➤ Shackle guiding rail hanging area ➤ 1 drive unit 180 Degree ➤ Drive with special Gearbox ➤ 1 tensioner set in a 180 Degree corner wheel ➤ 90 degrees/180 degree idler units ➤ 90 degrees up and down drive unit ➤ The Conveyer length <p style="text-align: right;">} as per final layout</p>	1666000
3.	STUNNING UNIT 0.8 mtr <ul style="list-style-type: none"> ➤ Fiber glass water bath with electric stunning ➤ Complete with adjustable SS framework to suit various sizes of birds. ➤ Totally enclosed in Control Panel Box 	200340
4.	KILLING TRAY (Small) <ul style="list-style-type: none"> ➤ Stainless steel tray to kill birds by manual halal knife process ➤ Conical Hopper to collect blood in plastic tub. 	45896
5.	BLEEDING TROUGH <ul style="list-style-type: none"> ➤ Suitable for 4 minutes bleeding ➤ Stainless steel constructed trough to collect blood after halal. 	248778
6.	SCALDING TANK <ul style="list-style-type: none"> ➤ Total scalding length of 1.5 minutes made in SS 304, ➤ Temperature sensor ➤ Temperature probe with digital display. 	740914

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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SR.NO.	DISCRIPTION OF EQUIPMENTS	EX-FACTORY RATE INR
	<ul style="list-style-type: none"> ➤ Air agitation system (Including Blower) ➤ Automatic heating by direct steam injection ➤ Over flow controller for controlling water level ➤ Stainless steel shackles guide rods and brackets ➤ Range : -40 to 150 deg C, M34, LED display ➤ Output : 1 Prog DC PNP +4.20A analog, ➤ PT 1000 based TN2530 ➤ With 5 meter PUR wirable connector E10901 <p>(NOTE: BOILER NOT IN OUR SCOPE OF SUPPLY)</p>	
7.	<p>16 DISC PLUCKER</p> <ul style="list-style-type: none"> ➤ Feather Plucker having 16 Quick release Discs & 9 fingers on each Disc ➤ Heavy gauge SS construction ➤ Double side high efficiency belt driven ➤ Shackles guiding bar and water pipe with stainless steel ball valve ➤ Height and distance adjustment. 	1353325
8.	<p>HEAD PULLER</p> <ul style="list-style-type: none"> ➤ Automatic stainless steel constructed head puller ➤ Guide bars to position head prior to pulling. 	25324
TOTAL FOR KILLING AREA		4289333
II. FOR THE EVISCERATION AREA		
9.	<p>EVISCERATION BELT CONVEYOR: (Appx 3 mts)</p> <ul style="list-style-type: none"> ➤ 3 Nos Eviscera trolleys & offal collection bins. ➤ 2 Nos- Evisceration Spoons, ➤ 3 Nos - sticking knives. 	360000
10.	<p>BIRD WASHER BIG</p> <ul style="list-style-type: none"> ➤ Stainless steel bird washer with water jet spray nozzles ➤ Used after Evisceration 	98359
11.	<p>HOCK CUTTER</p> <ul style="list-style-type: none"> ➤ Stainless steel 90/180-degree model leg cutter ➤ 12/14" Stainless steel cutter fully adjustable 	310275
12.	<p>AUTOMATIC HOCK REMOVER</p> <ul style="list-style-type: none"> ➤ Stainless steel constructed guide rod & brackets ➤ After Hock Cutter to remove Hock from Shackle 	77824
TOTAL FOR EVISCERATION AREA		846458

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III.FOR THE CHILLING AREA		
13.	SCREW CHILLER: 1.0 DIA. WIDE X 4.5 MTR. LONG ➤ Made of stainless steel, ➤ Adjustable speed screw drive ➤ Fixed unloader, mounted at the screw shaft, ➤ Air blowers for proper agitation for washing the birds in portable water ➤ Chilling medium: chilled water/ flake ice ➤ Price excluding water chilling unit /flake ice unit.	1001131
14.	BIRD COLLECTION TABLE ➤ 8' x 4' x 3' Stainless steel constructed table ➤ With height Adjustable leg for collecting the Birds	55628
15.	ELECTRICALS & PANEL BOARD: ➤ Stainless steel constructed ➤ Easy open able door ➤ Separate contactor & overload relay for each equipment ➤ Earth leakage circuit breaker ➤ Switch fuse unit for panel	275706
TOTAL FOR CHILLING AREA		1332465
IV. FURTHER PROCESSING EQUIPMENT		
16.	BIRD COUNTER: ➤ Industrial counter with display 6-digit ➤ 15mm character height LED display	204295
17.	AUTOMATIC CHAIN & SHACKLE WASHER: ➤ Made of stainless steel and other Non-corrosive materials, ➤ Stainless steel frame ➤ Two vertical rotating nylon brushes, ➤ Driven by a electric motor & reduction gearbox ➤ Water spray nozzles	272412
18.	GIZZARD PEELER ➤ Specially Imported Peeling Rollers fitted on to a frame work to clean and peel gizzards quickly & efficiently ➤ Entirely made of stainless steel with single set of Peeling rollers	177456

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SR.NO.	DISCRIPTION OF EQUIPMENTS	EX-FACTORY RATE INR
19.	DRIP DRUM 2 MTRS ➤ Excess water separator for wet birds. ➤ Made of stainless steel ➤ Rotating drum sieve with hydraulic variable speed drive	406671
20.	PORTIONING MACHINES WITH TABLE – 02 Nos. ➤ Completely in SS 304 ➤ 1 HP, 3 Phase motor ➤ 10” dia. SS hardened cutting blade	184618
21.	DEBONING CONVEYOR – VARIABLE SPEED ➤ Completely in Stainless Steel. ➤ With VFD ➤ Model No. DC-5-40 ➤ Conveyor Length 5 Mtr ➤ Cone Pitch (CM.) 40 ➤ Approx. No. of Cone 26 ➤ 0.5 HP Motor, Three Phase	546000
22.	S.S. PACKING TABLE: ➤ 8 × 4 Stainless steel constructed table ➤ 2 Nos of bagging cone for packing the bird ➤ 6 Nos 600mm × 400mm × 220mm plastic crates ➤ 4 Nos 600 × 400 × 320 Plastic crates.	155649
TOTAL FOR FURTHER PROCESSING EQUIPMENT		1947101

SUMMARY COSTING FOR THE 500 BPH PLANT

SR.NO	AREA	AMOUNT INR
1.	THE KILLING LINE	4289333
2.	THE EVISCERATION LINE	846458
3.	THE CHILLING LINE	1332465
4.	FURTHER PROCESSING EQUIPMENT	1947101
TOTAL EX WORKS		8415357

AMOUNT IN WORDS: EIGHTY-FOUR LAKHS FIFTEEN THOUSAND THREE HUNDRED AND FIFTY SEVEN ONLY

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You will also require the below ancillary equipment for the running of the plant i.e:

Steam Boiler (for Scalding tank)- 300 Kg/ Hr steam -mandatory

Flake Ice machine (for Screw Chiller)- 5 TONS / day - optional if you buy ice

Rendering plant (Solid waste management)- 1 KL Cooker - regulatory requirement as required

ETP (Waste Water management)- regulatory requirement as required



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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:

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