



ISO 9001:2008



RND AUTOMATION PVT. LTD.

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

QUOTATION

FEATURES OF THE POULTRY PROCESSING PLANT
(3000 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	3000 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 58 DEGREES CELSIUS
PRODUCT	FRESH / CHILLED
EQUIPMENT LAID OUT FOR	220/440V, 3PHASE, 50 CYCLES
POWER CONSUMPTION	APPROX. 42 – 45 HP
WATER CONSUMPTION	8-10 LITERS PER BIRD. IF OFFAL ETC. IS TO BE CONVEYED BY WATER THEN THE WATER CONSUMPTION COULD GO UP TO 10 – 15 LITERS/BIRD.

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3000 BPH AS PER LA-STD

Sr. No	EQUIPMENT	EX-FACTORY RATE INR
I FOR THE KILLING LINE:		
1.	AUTOMATIC CRATE CONVEYOR: 6 MTR ➤ Stainless Steel crate conveyor	900000
2.	OVERHEAD CONVEYOR LINE WITH SUPPORT FRAMEWORK: 100 MTR APPROX ➤ For Defeathering – Overhead conveyor, ➤ Round pipe track with trolleys 6 link, total 656 shackles & trolleys. ➤ Stainless steel round pipe sections with stainless steel connectors ➤ Clamps for fastening supports to steel construction ➤ Glass filled trolleys with Delrin wheels on stainless steel bearing balls. ➤ Stainless steel Installation bolts/nuts ➤ 125 Mtr stainless steel connection chain ➤ 100 Mtr 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 Conveyor length as per final layout	3400000
3.	BIRD WASHER BIG ➤ Stainless steel bird washers with water jet spray nozzles. ➤ After hanging of birds and before Stunning.	98359
4.	STUNNING UNIT: 2.8-mtr ➤ Fiber glass water bath with electric stunning ➤ Complete with adjustable SS framework to suit various sizes of birds. ➤ Totally enclosed in Control Panel Box	972317
5.	KILLING TRAY LARGE ➤ Stainless steel tray to kill birds by manual halal knife process Conical Hopper to collect blood in plastic tub.	121103
6.	BLEEDING TROUGH ➤ Suitable for 4 minutes bleeding ➤ Stainless steel constructed trough to collect blood after halal.	1506748
7.	HEAD PULLER ➤ Automatic stainless steel constructed head puller ➤ Guide bars to position head prior to pulling.	25324
8.	SCALDING TANK ➤ Total scalding length of 1.5 minutes made in SS 304, ➤ Temperature sensor	3096528

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Sr. No	EQUIPMENT	EX-FACTORY RATE INR
	<ul style="list-style-type: none"> ➤ Temperature probe with digital display. ➤ 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 ➤ (NOTE: BOILER NOT IN OUR SCOPE OF SUPPLY) 	
9.	32 DISC PLUCKER <ul style="list-style-type: none"> ➤ Feather Plucker having 32 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. 	2255542
10.	32 DISC PLUCKER <ul style="list-style-type: none"> ➤ Feather Plucker having 32 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 	2255542
11.	32 DISC PLUCKER <ul style="list-style-type: none"> ➤ Feather Plucker having 32 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 	2255542
12.	BIRD WASHER SMALL <ul style="list-style-type: none"> ➤ Stainless steel bird washers with water jet spray nozzles. ➤ After Defeathering and before Evisceration. 	65284
13.	AUTOMATIC HOCK REMOVER <ul style="list-style-type: none"> ➤ Stainless steel constructed guide rod & brackets ➤ After Hock Cutter to remove Hock from Shackle 	77824
14.	AUTOMATIC CHAIN & SHACKLE WASHER <ul style="list-style-type: none"> ➤ 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



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15.	HOCK CUTTER <ul style="list-style-type: none"> ➤ Stainless steel 90/180-degree model leg cutter ➤ 12/14” Stainless steel cutter fully adjustable 	310275
TOTAL FOR THE KILLING AREA		17612800
II FOR THE EVISCERATION AREA:		
16.	OVERHEAD CONVEYOR LINE WITH SUPPORT FRAMEWORK <ul style="list-style-type: none"> ➤ For Evisceration: Overhead conveyor, approx 35 mtr ➤ Round pipe track with trolleys 6 links, ➤ Total 230 shackles & trolleys ➤ Stainless steel round pipe sections ➤ With stainless steel connectors ➤ Clamps for fastening supports to steel construction ➤ Glass filled trolleys with Delrin wheels ➤ On stainless steel bearing balls. ➤ Stainless steel Installation bolts/nuts ➤ 44 Mtr stainless steel connection chain ➤ 35 Mtr 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 Conveyor length <div style="text-align: right; margin-top: 10px;">} as per final layout</div>	1190000
17.	BIRD REHANGING TABLE <ul style="list-style-type: none"> ➤ 8 x 4 x 3 Stainless steel constructed table ➤ With height Adjustable leg for rehangng the birds 	55628
18.	EVISCERATION BELT CONVEYOR Approx 12 mtr <ul style="list-style-type: none"> ➤ Stainless steel shackle guide bar ➤ Wash stations with Stainless Steel Water taps & Stainless Steel Valve. ➤ Stainless Steel knives & Evisceration Spoons 	1440000
19.	BIRD WASHER: BIG <ul style="list-style-type: none"> ➤ Stainless steel bird washer with water jet spray nozzles ➤ Used after Evisceration 	98359
TOTAL FOR THE EVISCERATION AREA		2783987

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III THE CHILLING LINE		
20.	BIRD UNLOADER	95331
21.	SCREW WASHER: 1.6 MTR DIA. WIDE X 6 MTR LONG <ul style="list-style-type: none"> ➤ 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.	2082807
22.	SCREW CHILLER: 1.6 MTR DIA. WIDE X 6 MTR LONG <ul style="list-style-type: none"> ➤ 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.	2082807
23.	DRIP DRUM: 3 MTR. <ul style="list-style-type: none"> ➤ Excess water separator for wet birds. ➤ Made of stainless steel ➤ Rotating drum sieve with hydraulic variable speed drive 	552126
24.	BIRD COLLECTION TABLE <ul style="list-style-type: none"> ➤ 8' x 4' x 3' Stainless steel constructed table ➤ With height Adjustable leg for collecting the Birds 	55628
25.	ELECTRICALS & PANEL BOARD – 2 NOS <ul style="list-style-type: none"> ➤ Stainless steel constructed ➤ Easy open able door ➤ Separate contactor & overload relay for each equipment ➤ Earth leakage circuit breaker ➤ Switch fuse unit for panel 	917700
TOTAL FOR THE CHILLING AREA		5786399
IV. FURTHER PROESSING / OPTIONAL EQUIPMNET		
26.	BIRD COUNTER <ul style="list-style-type: none"> ➤ Industrial counter with display 6-digit ➤ 15mm character height LED display 	204295



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<u>Sr. No</u>	<u>EQUIPMENT</u>	<u>EX-FACTORY RATE INR</u>
27.	GIZZARD PEELER <ul style="list-style-type: none">➤ Specially Imported Peeling Rollers fitted on to a frame work to clean and peel gizzards quickly & efficiently➤ Entirely made of stainless steel with Double Set of Peeling rollers	330767
28.	PORTIONING MACHINE WITH TABLE: 2 NOS <ul style="list-style-type: none">➤ Completely in SS 304➤ 1.5 HP, 3 Phase motor➤ 10" dia. SS hardened cutting blade	197760
29.	DEBONING CONVEYOR - VARIABLE SPEED <ul style="list-style-type: none">➤ 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
30.	S.S. PACKING TABLE <ul style="list-style-type: none">➤ 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 PROESSING / OPTIONAL EQUIPMENT		1620471

SUMMARY OF THE ABOVE TOTALS

<u>SR.#</u>	<u>ITEMS</u>	<u>AMOUNT INR</u>
I.	FOR THE KILLING AREA	17612800
II.	FOR THE EVISCERATION AREA	2783987
III.	FOR THE CHILLING AREA	5786399
IV.	FURTHER PROESSING / OPTIONAL EQUIPMENT	1620471
BASIC COST FOR PLANT		27803657

AMOUNT IN WORDS: TWO CRORES SEVENTY EIGHT LAKHS THREE THOUSAND SIX HUNDRED AND FIFTY SEVEN ONLY

PLEASE NOTE THAT THESE RATES ARE EX-WORKS



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TERMS & CONDITIONS

GOODS & SERVICE TAX (GST): @ 18%

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	AS APPLICABLE	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 @ 200\$ PER PERSON PER DAY. THE SAME NEEDS TO BE WORKED ON PROBABLE DURATION AND WILL BE INVOICED WITH THE ORDER.

DELIVERY: 08 TO 10 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.