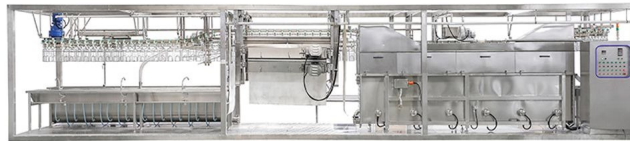




Integrated Poultry Hatchery, Feed & Slaughter Complex

Complete Turnkey Business Proposal

WANICHE



Made-in-China supplier reference: real integrated poultry hatchery, feed & slaughter complex equipment.

bankable study investment gate	confirmed feedstock supply gate	EPC scope delivery gate	quality laboratory release gate
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Prepared for investment planning in Afghanistan and regional export markets. Final specifications, pricing, civil works, and utility loads require supplier quotation and site survey.

Executive Summary

Integrated poultry project combining parent-stock/hatchery operations, formulated feed manufacture, live-bird handling, halal slaughter, scalding, evisceration, chilling, portioning, packing and cold-chain distribution.

Why this project fits Afghanistan

- This is a strategic plant, not a low-entry equipment package.
- Bankable feedstock, utility, permit, market, EPC and financing evidence is required before selection.
- Operate only with an independent laboratory, defined quality release and preventive-maintenance program.

Sanaatchi delivery scope

- Factory setup planning, supplier pre-qualification, and technical comparison
- Complete production-line and individual equipment supply
- Factory layout, utilities, civil-work coordination, installation, and commissioning
- Raw-material sourcing, trial-batch qualification, and repeat supply planning
- International logistics, customs documentation, operator training, spare parts, and after-sales support

Recommended configuration

Proceed only after biosecurity, veterinary approval, breeding and feed supply, water/power, waste rendering, halal controls, cold chain, animal welfare and buyer/off-take plans are bankable.

Manufacturing Process & Product Portfolio

Integrated process flow



Target products

Product	Typical specification	Primary market
Day-old chicks, compound feed and chilled/frozen poultry	Hatchery capacity, feed tonnes/day, birds/hour, halal procedure, chill method, cut mix, pack size, cold storage and veterinary standard	Poultry farms, wholesalers, retailers, restaurants, hospitals, institutions and regional food distributors

Final capacity, process, resource quality, utilities, permit conditions, emissions, acceptance test and commercial terms require independent engineering review before any order.

Core Equipment Schedule

Step	Equipment	Function	Indicative parameter
1	Feed intake, grinding and pelleting	Makes balanced feed	Formula and pellet quality
2	Egg setting, incubation and hatchery	Produces chicks	Biosecurity and hatch rate
3	Live receiving and halal slaughter	Begins food process	Welfare and traceability
4	Evisceration, chilling and cutting	Produces safe meat	Temperature and yield
5	Packing, cold store and laboratory	Releases product	Microbiology and cold chain

Equipment models are indicative and will be matched to the selected capacity, local raw-material tests, available utilities, and preferred automation level.

Reference Equipment Gallery

ANICHE



Made-in-China supplier reference: second real machine configuration for integrated poultry hatchery, feed & slaughter complex.

Made-in-China supplier reference: real integrated poultry hatchery, feed & slaughter complex equipment.

Images are supplier references for configuration discussion; final equipment appearance and model may differ.

Plant, Raw Materials & Utility Requirements

Raw materials

- Grain/protein feed ingredients, fertilised eggs/chicks, birds, packaging, ice/refrigerant, approved sanitation chemicals, veterinary consumables, labels, water-treatment media and laboratory materials

Utilities & infrastructure

- Bankable electricity/fuel/water plans, process cooling and treatment, plant fire safety, laboratory, covered stores and qualified operation team
- Environmental permits, emissions control, waste route, maintenance workshop, critical spares and site-specific safety systems

Quality, safety and environmental controls

- Confirm veterinary and halal approvals, feed inputs, egg/bird supply, water, waste rendering, cold chain, welfare, distribution and market demand
- Control feed formula, hatchery biosecurity, slaughter procedure, carcass hygiene, chilling temperature, cut yield, packing and frozen/chilled storage
- Test feed quality, hatchability, microbiological status, carcass temperature, water quality, pack seal, shelf life and traceability records

A final factory layout must reserve safe forklift routes, maintenance clearances, raw-material segregation, finished-goods storage, fire protection, ventilation, and future expansion space.

Indicative Investment & Implementation Plan

LOW-ENTRY CONFIGURATION

The hatchery, feed and slaughter scopes need one biosecurity and cold-chain plan; they cannot be treated as unrelated machines.

Component	Indicative range	Notes
Feed mill and hatchery systems	US\$35m-110m	Bird and feed scale
Slaughter, chilling, cutting and packing	US\$40m-140m	Birds/hour and cold chain
Utilities, waste treatment and installation	US\$25m-85m	Biosecurity/environment scope
Indicative strategic project total	US\$100m-335m	Farm assets, land and finance excluded

Implementation sequence

Phase 1	2-5 weeks	Confirm product specification, representative raw material, buyer, capacity, site and utilities
Phase 2	3-7 weeks	Run supplier trials with the buyer material and freeze the balanced machine, tooling and utility scope
Phase 3	8-22 weeks	Manufacture or refurbish, inspect, document and ship the contracted equipment
Phase 4	3-12 weeks	Install, commission, train operators and pass material-specific acceptance tests

Ranges are planning targets for a low-cost entry configuration, exclude land, and remain subject to confirmed capacity, supplier quotation, freight, duties, exchange rates and site conditions.

Next Steps & Contact Information

Recommended next steps

- Confirm target products, hourly output, and packaging formats
- Test representative raw materials and document quality requirements
- Complete site survey covering electricity, water, fuel, drainage, roads, and warehouse space
- Request comparable technical and commercial quotations from shortlisted suppliers
- Finalize financing, logistics, installation, training, and spare-parts plan

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Research and image references

- small-poultry-slaughter-chilling-line
- animal-feed-pellet-production-line