

# **The 500Sheep/Goat Per Day Abattoir Project Proposal**



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## **Qingdao Empire Machinery Co., Ltd (EME)**

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## I、 Sheep/goat Abattoir Project Brief Introduce

### 1.1 Sheep/goat abattoir main data

- 1). Design capacity:
- ✓ Sheep/goat abattoir unit -----400Sheep/goat/shift
- 2). Design religion-----Islamic Halal
- 3). Sheep/goat abattoir plant out size (L\*W\*H)-----36000 \*10000 \*4000 MM
- 4). Deliver period in China -----20Days
- ✓ The delivery as per buyer' s down-payment value have been received in China
- 5). Installation and debugging technicians-----1Person
- 6). Installation and debugging period-----25Days
- 7). Voltage rating-----380V / 3P / 50HZ
- 8). Electric consumption-----10Kw/Hour
- 9). Water consumption-----10Ton/Shift
- 10). Slaughterhouse Worker-----10Person/Shift

### 1.2 Quality standard: the equipment are in compliance with the related ISO9001: 2008 standard

### 1.3 Deliver Items: FOB

- ✓ Loading port: Qingdao port of China

### 1.4 Transportation way: Complete sheep/goat abattoir equipment need one pieces 20GP containers for transportation by sea

### 1.5 Packaging standard: original factory packaging loading in container

### 1.6 Payment way: the total invoice value will be payment as two time, the detail as following:

- ✓ The down-payment 40% of total invoice value will be payment within 10days from sale contract signature date through telegraphic transfer
- ✓ The rest 60% of total invoice value will be payment through telegraphic transfer before all equipment deliver from Qingdao port of China, meanwhile the seller party will invite buyer send one representative come to factory for equipment checking before loading into container for shipment

### 1.7 Quality guarantee: the quality guarantee period of all equipment are 12 months since the date when the installation and debug have been complete, the equipment are made available to buyer and signature is made on the buyer' s completed bill.

### 1.8 Machinery maintaining: The seller will appoint one well skilled technician go to maintain the equipment for five workdays for buyer per each 6 month within Quality Guarantee Period, the buyer charge the accommodation and round-trip air tickets of technician, the salary of technicians charge free.

### 1.9 Installation and debugging remark:

- ✓ The total quotation have include equipment installation and debugging direction salary and not include international round-trip air tickets、 accommodation and transport cost of technicians in buyer country
- ✓ The installation & debugging time will be postponed caused by buyer which make equipment can' t installation in time, the buyer should payment salary to technicians \$100 us dollar per technicians per shift for postponed time

**II、 Sheep/goat abattoir equipment price list:**

No.	Items	Model	Unit	Qty
<b>2.1、 Sheep/goat killing and bleeding equipment unit</b>				
1.1	Living sheep collect and killing table	QE-S103-I	Set	1
1.2	Sheep bleeding slope lifting machine	QE-S104	Set	1
1.3	Sheep carcass processing manual convey rail( Dual-Orbit)	QE-S201-II	M	88
1.4	Dual rail pulley hook	QE-S107-II	Set	120
1.5	Bleeding shackle	QE-S108	Set	20
1.6	Carcass chilling hook (8-hanger)	QE-S304-III	Set	70
1.7	Sheep blood collect tank	QE-S106	Set	1
1.8	Carcass transfer platform	QE-S109-II	Set	1
1.9	Hind leg skinning platform	QE-S109-I	Set	1
1.10	Slope type pneumatic sheep skin puller	QE-S207-I	Set	1
1.11	Carcass evisceration platform	QE-S206-I	Set	1
1.12	White and red viscera sliding chute	QE-C223-I	Set	2
1.13	Sheep/goat white viscera collection trough	QE-C223-IV	Set	1
1.14	Sheep/goat red viscera collection trough	QE-P608-II	Set	1
1.15	By-products and viscera cleaning and packaging table	QE-C224-III	Set	2
1.16	Head and red viscera transfer trolley	QE-C229-I	Set	1
1.17	Sheep/goat skin transfer trolley	QE-C216-II	Set	2
1.18	Carcass manual cleaning device	QE-S218-I	Set	1
1.19	Carcass weight rail scale	QE-S217	Set	1
1.20	Standard trolley	QE-L123	Set	6
1.21	Hand washing and knife sterilizing device	QE-L202-I	Set	2
<b>2.2、 Sheep/goat abattoir installation material and auxiliary equipment unit</b>				
2.1	Equipment main support and hanging material	QE-C403	Ton	5
2.2	Equipment installation auxiliary material and accessories	QE-C404	Ton	1
2.3	Livestock abattoir machine cleaning system	QE-L204	Set	1
2.4	Livestock abattoir installation tool	QE-L126	Set	1

## I、The sheep/goat abattoir equipment specification:

### 2.1、Sheep/goat killing and bleeding equipment unit

#### 1.1 Living sheep collect and killing table-----1Set

**Model: QE-S103-I**

Which main used to collection living sheep/goat for killing and bleeding, main data as following:

- 1)-Out size: 2400\*1500\*1200/800mm (L\*W\*H)
- 2)-Component and material:
  - ✓ 38\*38\*2mm stainless steel square tube
  - ✓ 2mm Stainless steel table-board
  - ✓ Stainless steel adjusting foot



#### 1.2 Sheep bleeding slope lifting machine-----1Set

**Model: QE-S104**

Which main used to lift sheep from killing table to over head convey rail for complete bleeding, main data as following:

- 1)-Rated voltage / phase / frequency: 380v / 3p / 50hz
- 2)-Power: 1.5Kw
- 3)-Lifting height:1800mm
- 1)-Component and material:
  - ✓ Hot galvanized steel C-beam track
  - ✓ Nylon roller and hot galvanized steel plate chain
  - ✓ High polymer wear-resistant walking wheel
  - ✓ Hot galvanized steel channel steel frame
  - ✓ Plate chain with push dog
  - ✓ Driving and tension device
  - ✓ Low pressure control switches
  - ✓ 40\*40\*4mm 304 stainless steel double rail (Dual-orbit)



#### 1.3 Sheep carcass processing manual convey rail-----88M

**Model: QE-S201-II**

Which main used to manual convey sheep carcass for skinning, head removed, evisceration, chilling and so on, main data as following:

- 1)-Rail level:2800-3000mm
- 2)-Hanger distance:600-800mm
- 3)-Component and material:
  - ✓ Hot galvanized steel 10# double channel steel
  - ✓ Hot galvanized steel 10# I-Beam
  - ✓ Hot galvanized steel refined steel casting hanger
  - ✓ Connecting bolt
  - ✓ 40\*40\*4mm 304 stainless steel double rail (Dual-orbit)



#### 1.4 Dual rail pulley hook-----120Sets

**Model: QE-S202-II**

Which main used to hang sheep carcass for pre-skinning, head removed, evisceration and so on, main data as following:

- 1)-Out size: 250\*80\*80mm(L\*W\*H)
- 2)-Weight: 1.2Kg
- 3)-Orbit: 40\*40\*4mm 304 stainless steel double rail
- 4)-Max load bearing: 300kg
- 5)-Component and material:
  - ✓ Hot galvanized steel precision casting hanger
  - ✓ 2Pcs roller with sealed bearings
  - ✓ 304 Stainless steel hooks



**1.5 Bleeding shackle-----20Sets**

**Model: QE-S108**

Which main used to tie the sheep hind legs and hang under pulley hook for bleeding, main data as following:

- 1)-Length:520mm/1500mm
- 2)-Component and material:
  - ✓ φ60 mm 304 stainless steel ring
  - ✓ 304 Stainless steel chain



**1.6 Carcass chilling hook(8-hanger)-----70Sets**

**Model: QE-S304-III**

Which main used to connect with pulley hook and hanging sheep carcass for chilling, main data as following:

- 1)-Hanging quantity: 8pcs sheep carcass per set
- 2)-Hanger distance:220mm
- 3)-Length:1000-1200mm(Customer customization)
- 4)-Component and material:
  - ✓ φ12mm stainless steel tie rod
  - ✓ φ10mm stainless steel hanger



**1.7 Sheep bleeding collection tank-----1Set**

**Model: QE-S105-II**

Which main used to collect sheep blood and transfer to appoint area for further treatment, main data as following:

- 1)-Out size: 3000\*1000\*500mm(L\*W\*H)
- 2)-Component and material:
  - ✓ 38\*38\*2mm 304 stainless steel Square tube
  - ✓ 2mm 304 stainless steel pattern plate
  - ✓ Stainless steel adjusting foot
  - ✓ Sewage pipe and blood collection pipe



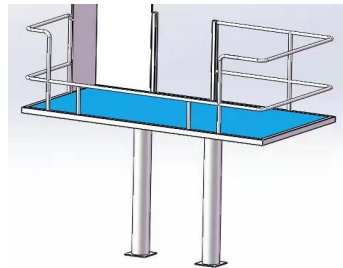
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**1.8 Carcass transfer platform-----1Set**

**Model: QE-C109-II**

Which main used to assist staffs convenient to transfer the sheep carcass from bleeding convey rail to carcass processing convey rail,main data as following:

- 1)-Out size: 2000X1000X400mm (LXWXH)
- 2)-Component and material:
  - ✓ φ 159mm hot galvanized steel pipe support
  - ✓ 60\*40\*2mm hot galvanized steel frame
  - ✓ 25mm Anti-skid plastic square
  - ✓ stainless steel ladder and handrail

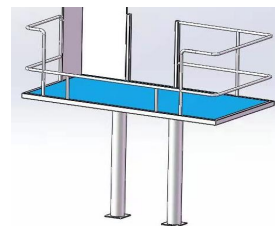


**1.9 Hind leg skinning platform-----1Set**

**Model: QE-C109-I**

Which main used to assist staffs convenient to skinning sheep hind legs,main data as following:

- 1)-Out size: 3000X1000X500mm (LXWXH)
- 2)-Component and material:
  - ✓ φ 159mm hot galvanized steel pipe support
  - ✓ 25mm Anti-skid plastic square
  - ✓ stainless steel ladder and handrail
  - ✓ Include one sent hand washing and knives sterilizing device

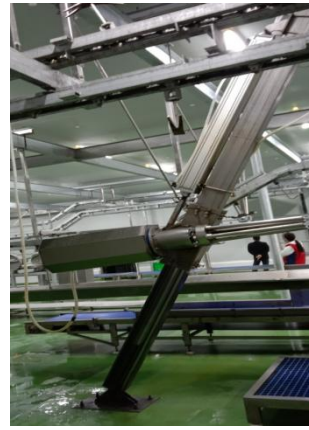


**1.10 Slope type pneumatic sheep skin puller-----1Set**

**Model: QE-C207-I**

Which main used to automatic removed skin from sheep carcass by pneumatic, main data as following:

- 1)-Rate voltage/Frequency/Phase: 380V/50HZ/3P
- 2)-Power: 1.1Kw
- 3)-Speed:41rpm
- 4)-Work pressure:0.6Mpa
- 5)-Max capacity:300 sheep/hour
- 6)-Out size: 300\*280\*4180mm(L\*W\*H)
- 7)-Component and material:
  - ✓ Hot galvanized steel support pillar
  - ✓ 304 Stainless steel skin roller
  - ✓ φ125\*1600mm Aluminum alloy cylinder
  - ✓ Pneumatic control system

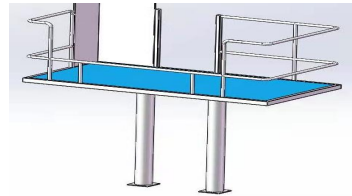


**1.11 Carcass white and red evisceration platform-----1Set**

**Model: QE-C206-I**

Which main used to assist staffs convenient for sheep evisceration,main data as following:

- 1)-Out size: 3000X1500X400mm (LXWXH)
- 2)-Component and material:
  - ✓ φ 159mm hot galvanized steel pipe support
  - ✓ 25mm Anti-skid plastic square
  - ✓ stainless steel ladder and handrail
  - ✓ Include one set hand washing and knives sterilizing device

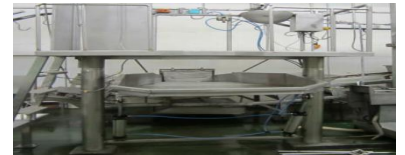
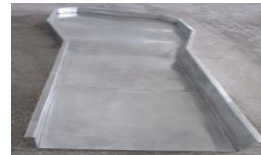


**1.12 Sheep/goat white and red viscera sliding chute-----2Sets**

**Model: QE-C223-II**

Which main used to collection sheep/goat white and red viscera and slide to red viscera convey machine, the detail data as following:

- 1)-Out size: 1200X1200/750mm(LXW)
- 2)-Thickness :2mm
- 3)-Component and material:stainless steel



**1.13 White viscera collection trough-----1Set**

**Model: QE-C223-IV**

Which main used for collect sheep/goat white viscera for cleaning, main data as following:

- 1)-Out size: 3000\*900\*800mm (L\*W\*H)
- 2)-Depth:100mm
- 3)-Component and material:
  - ✓ 38\*38\*2mm 304 stainless steel square tube
  - ✓ 304 Stainless steel table-board
  - ✓ Drain hole
  - ✓ Stainless steel adjusting foot



**1.14 Red viscera collection trough-----1Set**

**Model: QE-P608-II**

Which main used for collect sheep/goat red viscera for cleaning, main data as following:

- 1)-Out size: 2000\*700\*600mm (L\*W\*H)
- 2)-Depth:100mm
- 3)-Component and material:
  - ✓ 38\*38\*2mm 304 stainless steel square tube
  - ✓ 304 Stainless steel table-board
  - ✓ Drain hole
  - ✓ Stainless steel adjusting foot



**1.15 By-products and viscera cleaning and packaging table-----2Sets**

**Model: QE-C223-IV**

Which main used by products and viscera cleaning and packaging, the detail data as following:

- 1)-Out size: 1500X1000X900mm(LXWXH)
- 2)-Deep:100mm
- 3)-Component and material:
  - ✓ 38\*38\*2mm stainless steel square pipe
  - ✓ stainless steel table-board
  - ✓ Drain hole
  - ✓ stainless steel adjusting foot



**1.16 Head and red viscera transfer trolley-----1Set**

**Model: QE-C229-I**

Which main used to collection sheep/goat red viscera and transfer to storage room, main data as following:

- 1)-Size:1500X800X1600mm(LXWXH)
- 2)-Capacity: 54pcs hanger
- 3)-Component and material:
  - ✓ 38\*38\*2mm stainless steel frame
  - ✓ 12mm stainless steel red offal hook
  - ✓ 1.5mm stainless steel bottom tray
  - ✓ 4pcs nylon roller(2pcs Omni-directional wheel)



**1.17 Sheep/goat skin transfer trolley-----2Sets**

**Model: QE-C216-II**

Which main used to collect and take the sheep/goat skin from slaughter area to appoint area for further treatment, main data as following:

- 1)-Out size: 1000X600X300mm (LXWXH)
- 2)-Component and material:
  - ✓ 50\*50\*2mm stainless steel 304 frame
  - ✓ 2mm stainless steel 304 plate
  - ✓ 4pcs Strongly nylon wheel



**1.18 Carcass manual cleaning device-----1Set**

**Model: QE-S218-I**

Which is used to cleaning sheep carcass by high pressure water, the detail data as following:

- 1)-Rated voltage / phase / frequency: 380v / 3p / 50hz
- 2)-Power: 2.2Kw
- 3)-Rate of flow: 13L/Min
- 4)-Max pressure:18Mpa
- 1)-Component and material:
  - ✓ 15m high pressure explosion-proof steel wire pipe
  - ✓ Copper tube high pressure gun
  - ✓ High density filter
  - ✓ 5m water inlet PVC pipe



**1.19 Carcass weight rail scale-----1Set**

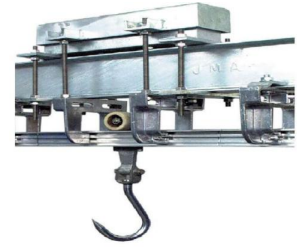
**Model: QE-S217**

Which main used to scale sheep carcass weight and installation on rail, main data as following:

- 1)-Weight rail length: 800-1000 mm.
- 2)-Maximum Weight: 300 Kg
- 3)-Differentiate Capacity: 50g

4)-Component and material:

- ✓ Hot galvanized steel connectors and bolts
- ✓ 2pcs high precision sensors
- ✓ Weighing display with printer
- ✓ LCD digital display
- ✓ φ60\*4mm independent 304 stainless steel weighing rail
- ✓ 40\*40\*4mm independent 304 stainless steel weighing rail



**1.20 Standard trolley-----6Sets**

**Model: QE-L123**

Which main used to collect livestock by-product and meat transfer to appoint area for treat or storage, main data as following:

- 1)-Volume:200L
- 2)-Out size: 600X600X600mm(LXWXH)
- 3)-Component and material:

- ✓ 2mm 304Stainless steel tank
- ✓ Bottom fillet structure
- ✓ 4pcs Strongly nylon wheel



**1.21 Hand washing and knife sterilizing device-----2Sets**

**Model: QE-L202-I**

Which main used to clean hand and knives sterilizing, main data as following:

- 1)-Heating type:Steam heating
- 2)-Operate type: Foot switch
- 3)-Knives sterilizing water temperature: 82 °C
- 4)-Component and material:

- ✓ 2mm stainless steel shell
- ✓ High quality tap
- ✓ Water supply interface and drain valve
- ✓ Rotary thermostat



**2.2、Sheep/goat abattoir installation material and auxiliary equipment unit**

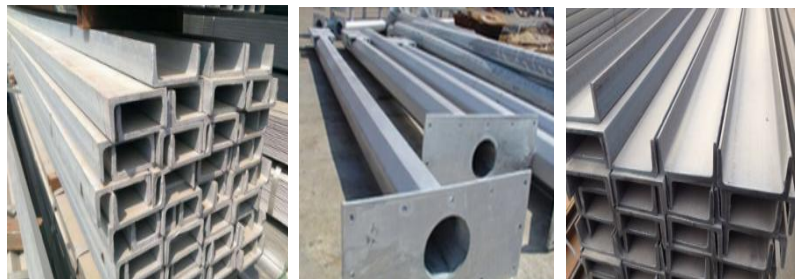
**2.1 Equipment main support and hanging material-----5Tons**

**Model: QE-C403**

Which main used for sheep/goat abattoir equipment main beam support and hanging, fixed on the upper end of the column by welding, main data as following:

1)-Component and material:

- ✓ DN125 Hot galvanized steel column
- ✓ Hot Galvanized Main Steel Beam
- ✓ 25# I-beam,250\*118\*10
- ✓ 20# I-beam,200\*102\*9
- ✓ 18# I-beam,200\*102\*9
- ✓ 16# I-beam,200\*102\*9



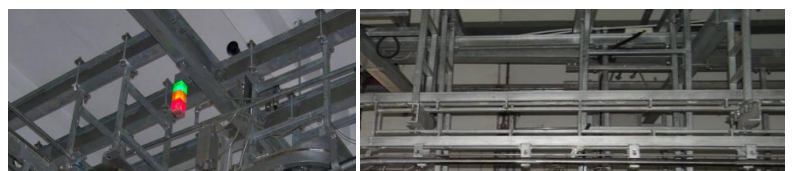
**2.2 Equipment installation auxiliary material and accessories-----1Ton**

**Model: QE-C404**

Which main used for sheep/goat abattoir equipment main beam support and hanging, fixed on the upper end of the column by welding, main data as following:

1)-Component and material:

- ✓ Hot galvanized rigid Connectors
- ✓ Hot galvanized connecting Plate





- ✓ Hot galvanized connecting screw
- ✓ Hot galvanized bolt and nut
- ✓ Expansion bolt

**2.3 Livestock abattoir machine cleaning system-----1Set**

**Model:QE-L204**

Which is used to clean livestock slaughterhouse and equipment and ground when finished working per shift, the detail data as following:

- 1)-Power mode:3-phase electric
- 2)-Include:15m high pressure explosion-proof steel wire pipe
  - ✓ Copper tube high pressure gun
  - ✓ High density filter
  - ✓ 5m water inlet PVC pipe
- 3)-Technical parameters:
  - ✓ Power: 2.2Kw
  - ✓ Rate of flow: 13L/Min
  - ✓ Max pressure:18Mpa Power mode:3-phase electric



**2.4 Livestock abattoir installation tools-----1Set**

**Model: QE-L126**

Which main use for sheep/goat abattoir slaughtering equipment installation, and which mainly include following device:

- 1)-Welding Machine
  - 2)-Steel Cutting Device
  - 3)-Rotate Drilling Device
  - 4)-Manual Lifting Device
  - 5)-Welding Polishing Device
  - 6)-False-work
- And so on.....

