

## HAMAC AUTOMATION EQUIPMENT CO.,LTD

| Quotation & Specification for 12 pieces per day concrete pole production line |  |       |  |         |                     |                |                   |
|---|--|-------|--|---------|---------------------|----------------|-------------------|
| NO.   | EQUIPMEMNT                             | MODEL | SPECIFICATION  | WEIGHT  | UNIT PRICE<br>(USD) | QTY            | TOTAL PRICE (USD) |
| 1   | Mould1<br>[7.5m/25ft, including holes] | 000   | Top Dia=Φ201mm<br>Bottom Dia =Φ292<br>Mould Length=7.7m<br>Pole length:7.5m  | 1950kg  | 2,150               | 3 sets         | 6,450             |
|   | Mould2<br>[9m/30ft, including holes]   |       | Top Dia=Φ201mm<br>Bottom Dia =Φ310<br>Mould Length=9.2m<br>Pole length:9m  | 2300kg  | 2,570               | 9 sets         | 23,130            |
| 2   | Heavy-type double spinning machine     |       | There are 12 wheels have adge. Diameter of Riding Wheel: 600mm Shaft Dia:130mm Material of shaft:45# Material of wheel:ZG45 Material of base :cast steel (ZG270-500) | 9500kg  | 18,700              | 1set<br>(6nos) | 18,700            |
|   | Automatic control cabinet<br>and Motor |       | Motor Power: 55kw<br>Transducer Power: 75kw<br>Maximum Spinning<br>Speed: 1600 rpm   | 650kg   | 4,900               | 1set           | 4,900             |
| 3   | Automatic Winding machine              |       | Power:2.2kw<br>Speed ratio: 35<br>Min Dia: 120mm<br>Max Dia: 350mm   | 150kg   | 450                 | 1set           | 450               |
|   | pulley for steel wire                  |       | For 3mm steel wire   | 20kg    | 300                 | 1set           | 300               |
| 4   | Semi-automatic caging<br>machine       | Bar   | Motor: 3kW   | 1200kgs | 4,000               | 1set           | 4,000             |
| 5   | Tension machine                        |       | Motor: 3Kw,<br>Tensile Force: 100ton   | 350kg   | 1,320               | 2set           | 2,640             |
|   | Tension barrow                         |       | Frame for holding jack   | 20kg    |                     |                |                   |
| 6   | Cold head machine                      |       | Hydraulic Station<br>Motor: 3Kw,<br>Capacity: 6mm  | 250kg   | 1,080               | 2set           | 2,160             |
|   | Header clip and mould                  |       |  |         | 30                  | 40set          | 1,200             |
| 7   | Tension device<br>(Double type)        |       | For 7.5 and 9m mould   | 40-60kg | 183                 | 35set          | 6,405             |

| 8  | Hanger rod for<br>concrete pole  |          | 5m  | 300kg  | 420          | 1set                                 | 420             |
|----|--|----------|---|--------|--------------|--------------------------------------|-----------------|
| 9  | Diesel boiler 1T<br>(Curing furnace,<br>including imported Italy<br>brand burner, pipes and<br>valves, water treating<br>equipment,drawings,etc) |          | WNS1-1.0-Q Rated evaporation capactity:1t/h Rated steam pressure:1.0Mpa Fuel:Gasor Diesel Shipping size: 4600*2300*2600 mm Baltur burner Automatic controller (Touch screen) Feeding water pump Instrument valve  4325mm×8m Chimney Steam distributor | 5200kg | 21,000       | 1set  1set 1set 2sets 1set 1set 1set | 21,000          |
| 10 | Bridge crane(5+5T)   |          | Lifting capacity: 5t+5t Height: 7m Span: 19m Including gear motors,Two Remote Controls guide railway (30kg/m)   | 6500kg | 11,300<br>30 | 2 sets                               | 22,600<br>3,600 |
|    | Trolley conductor wire<br>(25mm2)  | 0        | size:25mm2  |        | 9            | 60m                                  | 510             |
| 11 | MSO1500/1000 Concrete<br>Mixer   |          | Discharging volume:<br>1500L<br>Feeding capacity: 1000L<br>Motor Power:2*22kW,<br>equipped with automatic<br>lubrication system only.   | 7500kg |              | 1set                                 | 19,700          |
| 12 | 60T<br>Bolted type cement silo<br>(including installation cost)  |          | Capacity:60t, with WAM accessories  | 7500kg | 10,450       | 1set                                 | 10,450          |
| 13 | screw conveyor   |          | 219X6m  |        | 1,500        | 1set                                 | 1,500           |
| 14 | Screw compressor<br>Brand:Kaishan  | ALDERA N | Model: BK22-8ZG<br>Revolving Speed:<br>2950r/min<br>Volume flow: 3.5m3/min<br>Pressure: 0.8Mpa<br>Power: 22kw<br>(with air dryer and filter)  | 250kg  | 3,740        | 1set                                 | 3,740           |
| 15 | air wrench   |          | Contain 30 # wrench   | 10kg   | 340          | 5pcs                                 | 1,700           |
| 16 | additional<br>sleeve30#  |          | 30 # wrench   | 1.5kg  | 14           | 10pcs                                | 140             |
| 17 | Air tank   |          | Capacity: 1m<br>Diameter: 800mm<br>Height:2180mm<br>Pressure: 0.8MPa  | 300kg  | 400          | 1set                                 | 400             |
| 18 | air pipe   |          | 100m/set  | 12kg   | 300          | 1set                                 | 300             |

| 19        | Manual wrench  |                            | 30 # wrench   | 2kg    | Free  | 10pcs    | 0       |
|-----------|--|----------------------------|---|--------|-------|----------|---------|
| 20        | Automatic Hydraulic Cutting<br>machine for cutting bars<br>(Including spare parts)   |                            | Steel Cutting Diameter: 4.8-<br>10.7mm<br>Cutting Length of<br>Reinforcing Steel: 2000-<br>16000mm<br>Tolerance of Cutting<br>Reinforcing Steel: ±1mm | 1200kg | 8,973 | 1set     | 8,973   |
| 21        | Automatic reinforced<br>looped machine   | 1084                       | Diameter of steel wire: 2-8mm   | 950kg  | 4,154 | 1set     | 4,154   |
| 22        | Pneumatic welder   |                            | Type:UN25 Power:25KVA Max clamping force: 600kgf Max upsetting force: 300kgf Steel Dia:4-10mm   | 105kg  | 1,413 | 1set     | 1,413   |
| 23        | Top tensioned and steel pull rod   |                            | For 12.5m,10.6m,8.5m<br>mould   | 30kg   | 85    | 2set     | 170     |
| 24        | Automatic Concrete Feeding<br>Machine  |                            | Feeding Motor: 4kw<br>Walking Motor: 2.2kw<br>Productivity: 13m³/h<br>Demension: 2100×2100×<br>2000mm   | 1800kg | 3,700 | 1set     | 3,700   |
|           | Rail for feeding machine   |                            | Rail,Rail fixed plate   | 24kg/m | 130   | 80m      | 10,400  |
| 25        | Pole Shifting Trolley  |                            | Length:4m<br>Tire Diameter: 700mm   | 300kg  | 500   | 1set     | 500     |
| 26        | Testing machine  |                            | Testing Capacity:0-200KN  | 8kg    | 1,745 | 1set     | 1,745   |
| 27        | Bolt,nut,washer,pin  |                            | M18   |        | 2     | 1000 set | 2,000   |
| 28        | Inland cost  | Truck fee and port charges | 4 * 40'OT+1* 40'HQ  |        | 1,000 | 5 units  | 5,000   |
| 29        | Total FOB price  |                            | 4*40'OT+1*40'HQ   |        |       |          | 194,450 |
| 30        | The best final price 191,000   |                            |   |        |       |          |         |
| NOTE:     | 1. The price is valid within 10 days from 2020-2-5;  |                            |   |        |       |          |         |
|           | 2.Delivery: Within 30-40 days after receiving the down payment;  |                            |   |        |       |          |         |
|           | 3.Warranty:Pole molds and centrifugal machines have the quality guarantee for 2 years. The rest equipments are for 1 year. |                            |   |        |       |          |         |
| Feature:  | High Precision: The pole will be finished exactly same as the customer standard.   |                            |   |        |       |          |         |
| Time of   | 30-40 days after receipt of down payment;  |                            |   |        |       |          |         |
| Delivery: |  |                            |   |        |       |          |         |
| Payment:  | 30% down payment by T/T, 70% shall be paid before goods leave seller's factory;  |                            |   |        |       |          |         |

|            | We will help with the whole pole production line building:  1. Seller will dispatch one engineer to guide you for the installation & testing & training, the buyer shall afford the salary 100 USD per day for per person;  2. Help with workshop building, providing the factory layout and equipment foundation drawing.  3. For the boiler, one expert engineer is required for installation, the buyer shall afford the salary 100\$/day/person.  4. Provide fixing service if have problem during usage.  5. Provide maintenance service when maintenance time arrives.  6. Buyer should afford the air tickets and accommodation for these two engineers. |
|------------|---|
| Guarantee: | The pole molds and centrifugal machines have the quality guarantee for 2 years. The rest equipments have the quality guarantee for one year.  |
| Capacity:  | Total is 12 moulds,Each mold can produce one concrete pole in a day(8hours,single shift),so the capacity is 12 pcs of poles per day.  |
| Note:      | The thickness of rolled plate of mold is 10mm,base plate:30mm<br>Concrete pole mold can be used more 10 years.<br>Spinning machine can be used 20 years.  |