

POSSIBLE ORIGINAL **SALE INVOICES**

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January 23, 2019

Proposal #: 88884

Jerry Schmidt
PERELES BROTHERS
5840 N. 60th St.
Milwaukee, WI 53218

Dear Jerry:

At your request, we are pleased to quote the following:

TP SERIES – 170 TON FIBERGLASS TOWER CELL

T170P	170 Ton Fiberglass Cooling Tower Cell.....	\$ 21,306.00
	Starter kit & thermostat control	\$ 940.00
	Total Price	\$ 22,246.00
	Delivery: 8 – 10 Weeks	

Features:

- Tower Design
 - o Induced draft air movement
 - o Structural galvanized steel base
- Shell Construction
 - o High strength fiberglass molding
 - o ½” of structural thickness in reinforced polymer
 - o UV stabilized coating
- Fan Assembly
 - o Blades are made of a glass fiber reinforced polymer
 - o Direct drive
- Fan Motors
 - o (2) 5 HP motors with TEFC construction
 - o Mounted on a stainless steel frame
- Air Inlet Louvers
 - o PVC construction
 - o Easily removed for cleaning
- Distribution Header System
 - o Non-ferrous PVC ‘cross’ construction
 - o Stationary
 - o Large orifice spray heads
- Wet Deck
 - o Stacked honeycomb pattern maximizes water and air flow for greater cooling efficiency
- Inspection Covers
 - o Seamless gasket sealing
- Warranties:
 - o 10-year shell warranty
 - o 5-year motor/fan warranty

170 Ton Tower Available Option:

Tower Stand 13’	\$ 3,465.00
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Continued...



PPT SERIES - 1500 GALLON POLYETHYLENE TANK SYSTEM

PPT1500-3P 1500 Gallon Polyethylene Pump Tank System \$ 32,509.00
Delivery: 9 – 10 Weeks

Features:

- 1500-gallon polyethylene pump tank
- Water level control
- Water level sight glass
- Tank lid
- Tank drain valve
- Temperature gauges
- PP20, 20 HP process pump W/Variable Speed Drive (405 GPM @ 60 PSI)
 - motor starter
 - suction & discharge valve
- TP15, 15 HP tower pump (525 GPM @ 25 PSI)
 - motor starter
 - suction & discharge valve
- SBP20, 20 HP standby pump – Not Variable Speed (405 GPM @ 60 PSI)
 - motor starter
 - suction & discharge valve
- All components mounted & assembled
- All starters mounted & wired to motors
- MLS-6 Stainless Steel Filter With Automatic Back Flush
- Warranty:
 - 10-year tank failure
 - 1 year on all other components

TOTAL PACKAGE PRICING (before options):

170 Ton Fiberglass Cooling Tower Cell & Starter Kit \$ 22,246.00
 13 Foot Tower Stand \$ 3,465.00
 PPT1500-3P; 1500 Gallon Polyethylene Pump Tank System..... \$ 32,509.00
Total Package Price (before options)..... \$ 58,220.00

Add For Options:

- 1. System Control Cabinet..... \$ 2,425.00
 NEMA 12 cabinet housing all starters, thermostats,
 transformer, on/off selectors, power indicating
 light, all mounted and prewired, only one power
 entry required.
- 2. High Temp Low Pressure Alarm Package..... \$ 920.00
- 3. Electronic Water Make Up \$ 555.00

TOTAL WITH OPTIONS..... \$ 62,120.00

Terms: 50% down payment, 50% payment prior to shipment
FCA Factory Greenwood, IN USA (freight collect or 3rd party billed)
This quotation is valid for 30 days from the above date.

JERRY

WATER TREATMENTS

Lakeland Chemical
Specialty Chemicals

\$ 4132

Jerry,

Re: Cooling Tower Chemical Feed and Bleed-off Control System

- 1) The controller would be mounted on a 2'x4'x3/4" panel, along with 3 chemical feed pumps a flow switch and conductivity probe. All 3 chemical injectors would also be on the panel. The panel would include two 3/4 inch pvc isolation ball valves.
- 2) A motorized Belimo blow-down ball valve would be used, as it is much more dependable than a solenoid valve.
- 3) The controller has a large display screen and is very user friendly.
- 4) Stores daily make-up water usage history, as well as hourly conductivity history.
- 5) The system controls bleed-off based on direct conductivity probe readings rather than timed bleed based on make-up water usage. This is much more precise and is the industry standard.
- 6) The controller has a bleed lock out feature, which prevents water from bleeding off for a period of two hours immediately after a biocide feed cycle. This prevents the wasting of active biocide to drain.

Equipment Recommendation

Advantage Controls model XSCF3E controller.....\$1,565.00

(includes conductivity probe and flow switch manifold)

2 Pulsafeeder chemical feed pumps.....\$860.00 (total)

1 Pulsafeeder degassing head chemical feed pump...\$550.00

Panel Mount (2'x4'x3/4").....\$485.00

Two 3/4 inch schedule 80 pvc isolation ball valves are also included.

1 3/4" Belimo motorized bleed-off ball valve.....\$397.00

1 3/4 " contacting water meter.....\$275.00

Total cost of equipment.....\$4,132.00

The above equipment is easy to install but some minor plumbing and electrical work would be required.

Chemical Recommendation

T-4450 for hard H₂O

Formula T-4450: scale and corrosion inhibitor

Cost: \$1,243.44 / 55 gallon drum

Estimated Annual Usage: 1 to 2 drums

Formula KBac-1005: algae and bacteria control

Cost: \$740.16 / 15 gallon drum

Estimated Annual Usage: 1 15 gallon drum

Formula BroMax: algae and bacteria control

Cost: \$1,068.36 / 15 gallon drum

Estimated Annual Usage: 1 15 gallon drum

Monthly Testing and Reporting Service

A Lakeland Chemical Specialties, service representative will stop by once per month, to test the system water and adjust the chemical feed and bleed-off settings as needed. A report will be written, listing test results along with recommendations and suggestions. There is no additional charge for this service, as long as Lakeland products are being used.

I hope this information is helpful. Please call me if you have any questions.

Thanks

Len