



Mentzer Repairs Needed on the pool side updated after freeze
Date: 3/25/21
Attn: Whitney Seaton
Buyboard#613-20

Sump in outside silo:

- Remove and replace current pump with new 5hp Sump capable of 250gpm, upsize piping to 4" to the current 4" line outside where it use to be tied together. Provide and install new breaker, electrical, starter panel required for this unit to energize the pump. @\$8,282.25

Pump Gauges:

- Drill and install new vacuum and pressure gauges on all inlet and outlet pipes of pumps, abandon current gauges as they don't work and most of them are glued in and it may cause damage to the pipe if we remove them. @\$850

Drains on top of current river current vault:

- Install pipe extenders into current pipes on top of pit and plumb a candy cane (vent) above ground for each one as they need to be there for ventilation and cannot be plugged. This is how it is engineered everywhere, they will stick out above ground but they will be water resistant. @\$1,200

Pipe Supports:

- Add some strut supports to circulation pump piping as some of the current ground ones are rotting. @\$1,100

Autofill:

- Plumb into outlet of RPZ under VFD and install an autofill system with surge tank sensor, install bypass valves in the case you need to bypass the solenoid, we will provide an aquatic controller ELC800 system and all fittings needed with installation. @\$3,850

Plumbing fittings and repairs:

- Remove and replace suction flange and top 90 with fittings needed on family slide, remove and replace top fittings and suction rubber eccentric

on open body slide, remove and replace piping and concentric with new fiberglass one on top of pump to the existing check valve and replace with new 6" check valve made for pools, new stainless hardware at each flange connection. @\$7,080.22

Circulation Motor Replacement:

- Remove and replace current motor with new 7.5hp motor and seals as it was just submerged and it is cheaper than a rewind. Includes labor, seals, motor and freight @\$3,070

Open Body Slide Motor Replacement:

- Remove and replace current motor with new 10hp motor and seals as it was just submerged and it is cheaper than a rewind. Includes labor, seals, motor and freight @\$3,616.04

Family Slide Motor Refurbishment:

- Remove and refurbish current 5hp motor as it is cheaper than motor replacement on this one due to being a specialty motor. Replace seals as well. Includes labor, seals, refurbishment @\$3,044.25

Feature Toy Motor Replacement:

- Remove and replace current motor with new 15hp motor and seals as it was just submerged and it is cheaper than a rewind. Includes labor, seals, motor and freight @\$4,286.39

River Thrusters Motor Replacement:

- Remove and replace (2) current motors with new 15hp motors and seals as they were just submerged and it is cheaper than a rewind. Includes labor, seals, motor and freight @\$7,200.50

Electrical repairs in river current pump vault:

- Install new cover for electrical panel in pit that is missing, Remove and replace light fixture with new LED vaporproof fixture as you need a light. @\$675

Orange Starter Panel Repairs:

- Remove and replace all starters with new as some of them over amp and are on their way out. @\$5,197.50

Breaker Panel Repairs:

- Remove and replace all motor breakers with new. @\$2,308.50

Motor disconnects needed per code:

- Remove and replace existing disconnect for circulation motor in pit that

got submerged and destroyed with new, add a motor disconnect for the other motors in the pit per electrical code. @\$3,037.50

Grand Total: \$54,798.15

***Impellers will be inspected when the pumps are pulled apart, if any new ones are needed then that will be quoted at that time as there is no way to tell until we pull them apart.

***This is everything we could visibly see and test, anything not listed will be additional.

Thank you,

Myles Phelps
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