



Polar Pools

Alaska Pool and Spa Professionals

Nome Pool Leak Repair, Pump Rebuild, Piping Replacement, Sanitation Upgrade and Automation Upgrade

July 5, 2022

To: Chip Leeper, Parks & Rec Director
City of Nome

Re: Nome Pool Leak Repair, Pump Rebuild, Piping Replacement, Sanitation Upgrade and Automation Upgrade

Polar Pools is pleased to provide this proposal for the following scope of work:

SCOPE OF WORK:

- Scope, identify and locate pool return piping/gutter system leak.
- Excavate, expose, and repair return piping/gutter leak.
- Replace, match, and install replacement tile to pool deck.
- Demo existing PVC piping.
- Demo existing electrical conduit and wiring.
- Isolate, disconnect and remove both Pool Pumps. Crate and freight to Roteq Mechanical in Wasilla for rebuild.
- Demo Electrolytic Salt conversion system.
- Demo UV Lamp System.
- Replace all pool mechanical room piping with HDPE fused pipe, hangers, and attachments.
- Install new Miox Sodium Hypochlorite generation system.
- Install new Telchine Commercial Ozone generation system.
- Install new ProMinent DCM-5 Pool Controller.
- Install new hypochlorite and muriatic acid feed pumps.
- Install new muriatic acid tank with proprietary acid vapor scrubber.
- Repair filter backwash 6" butterfly valves and realign backwash actuation linkage.
- Reinstall new rebuilt pool pumps.
- Install automation for remote execution of backwash cycle.
- Install PC interface to monitor filter pressure differential, flow, sanitized, pH and backwash automation.
- Relocate, allocate, and distribute power and wiring to accommodate installation of the new equipment.

Polar Pools

18601 Gibens Circle, Eagle River, Alaska. 99577-8571
Cell/Text: 907.3602.9643 Website: www.polarpoolsak.com
Email: bob@arcticeyeak.com

- Function test and verify all equipment operating correctly. Onsite manufacturer representatives will ensure proper installation of their equipment and train Nome personnel in proper operation.
- In depth operator training will be conducted for Nome Staff.
- Comprehensive O&M manual will be provided with detailed operator instructions and equipment manuals.

We are estimating two (2) visits to Nome.

- The first visit will be to locate pool return piping/gutter leak and execute its repair. Polar Pools, Main Line Mechanical and Haakenson Electric will either be onsite or visiting the site to determine placement and execution schedule for demo and installation of equipment. This will take 7 days once the leak has been located.
- Second visit will be to commence work for upgrading the piping, sanitation, and automation systems of the pool mechanical room. This work will require fourteen (14) to sixteen (16) days to complete, not including training.

All work performed by Polar Pools, and or our subcontractors will be supervised by Bob Walker, Owner of Polar Pools during the entirety of this project.

Our proposal for this project is: **\$481,508.00**.

Here are the options and their pricing that were add to this proposal.

- Leak Detection to Isolate Pool Leak or Leaks: **\$26,154.50**
- Leak Excavation and Repair: **\$12,000.00**
- Deck Tile Repair from Excavation: **\$10,100.00**
- Pool Pump Rebuild or Replacement: **\$7,127.00** (This is a huge deal, if the pumps can not be rebuilt to like new condition they will replace them with a new pump of same flow, psi and TDH).
- Pool and Filter Full Automation from the Pool Managers office: **\$22,500.00**

The completion of this project in its entirety will put your pool in a condition that if properly operated should easily last 10-15 years. The savings on energy and safety of not handling hazardous materials will be a real benefit to your community.

Polar Pools

18601 Gibens Circle, Eagle River, Alaska. 99577-8571
Cell/Text: 907.3602.9643 Website: www.polarpoolsak.com
Email: bob@arcticeyeak.com



The current manufacturing market, inflation and fuel costs have heavily influenced pricing on all goods and materials getting to Alaska. The volatility of these elements has created its own set of rules that need to be realized if a project of this magnitude is to be successful. A decision will need to be made within twenty-one (21) days or pricing has the potential to be influenced by escalating fuel costs. Our team will require a sixty-five (65%) percent materials deposit for this project once the proposal is signed and returned. This will ensure that each subcontractor will have the resources to purchase the required materials and equipment before pricing changes. This materials deposit will be executed via wire transfer to Polar Pools. This will allow getting resources to the subcontractors in an expeditious manner as soon as possible.

Once the materials deposit is in hand Polar Pools will execute a contract with the City of Nome and all subcontractors of this project. Those contracts will spell out in detail the work to be performed and by what subcontractor.

If you have any questions or concerns, please contact me at 907-360-9643.
This proposal is valid for 21 days.

Sincerely,

Bob Walker, Owner
Polar Pools
Cell/Text: 907.360.9643
Email: bob@arcticeyeak.com

Acceptance of work: I hereby authorize Polar Pools to proceed in accordance with above scope of work.

Owner's Signature or Authorized Representative

Date