



October 25, 2017  
NCA-LTR-1709151

South Huron  
Dan Best, CAO

**Subject: Exeter Outdoor Pool - Myrtha RenovAction Quotation**

Reference: NCAquatics hand sketch October 10, 2017

Please find our quotation for the Myrtha RenovAction of the Exeter Outdoor Pool. If you have questions or concerns about any of the information here please feel free to call to discuss.

**Item #1: Exeter Outdoor Pool Myrtha RenovAction Preliminary Budget Estimate**

For the supply and installation of the following items:

Dimensions: 25m x 13m (approx.) 6-lane pool, with depth profile from 1.2m to 2.34m total depth

Location: Outdoor, backfilled construction.

Technology: Myrtha RenovAction® PVC-laminated stainless steel panels.

Top profile: Myrtha Classic gutter profile on all sides except deep end wall, which we conceive of with a raised headwall to permit competition starts and shallow dives, and added outside beach/ramp entry.

Includes:

We have excluded all site preparation, demolition, concrete cutting, coring, patching works, new footings and slabs. These works will be designed and constructed by others, to dimensions, loads and tolerances provided by Myrtha. We will include a meeting to discuss and review with concrete works provider, and a site visit to inspect these works,

Myrtha RenovAction panels around perimeter,

Myrtha Classic gutter on all sides except deep end and added beach/ramp areas, as shown on sketch,

Myrtha Headwall panel on deep end, 150mm above water level, to permit shallow dives and competitive starts/finishes at this end,

Myrtha Skimmerwall structure around outside beach/ramp area,

Floor markings and wall targets for 6-lane swimming,

Lane anchors for 6-lanes swim,

Float line anchors across pool,

Handrails and handrail anchors on stairs,

Main Drains, qty=2 new on east wall,

Wall returns, new Myrtha PVC wall inlets,

Deck mounted access ladders, qty=3,

Myrtha antislip membrane and Softwalk floor system in shallow areas to 1m deep,  
regular texture membrane in deeper areas,

Contrast markings to OBC.



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New piping as required around pool to filter room,

Excludes:

Lane ropes, and new deck equipment not indicated here.

**Item #2: Exeter Outdoor Pool Mechanical Plant Upgrade Preliminary Budget Estimate**

For the supply and installation of the following items:

Remove existing filter, recirculating pump, chemical treatment system, dedicated pool piping, valves and fittings (piping system that carries only pool water back to pool),  
Design, supply and install new pool water treatment system for maximized water quality, energy savings.  
New hi-rate sand filter system with manual face-pipe,  
Hi-Efficiency pump and strainer, with VFD to maximize electrical savings,  
New FRP surge tank,  
New chemical controller,  
New acid and chlorine feed system,  
New water level controller,  
New flow meter,  
New PVC pipe, fittings and valves, connect to pool piping, sanitary sewer, heat system and cold water supply.

Excludes:

Building modifications,  
Site preparation, dewatering, gravel base below slab (recommend minimum 200mm thick gravel/stone paver below slabs), concrete designs and engineering,  
Electrical works, grounding,  
Sewer/drainage system, cold water supply system with backflow preventer, heating system, controls,

**Item #1 and #2 Net Sell Price = C\$1,200,000.00\***

\*See notes and Conditions below

**\*Notes and Conditions**

DDP Site – includes freight to site, duty and brokerage

Excludes HST

Price valid for this project only, items listed only.

We require a deposit payment of C\$75,000.00 to confirm the order, secure special pricing and initiate the development of shop drawings, planning and coordination works for this project, before December 31, 2017.

This proposal assumes that the construction works will begin in Autumn 2017 and that the Myrtha RenovAction works can begin in Winter 2018 for completion by Summer 2018, with all major components landed on site by March 2018, and completed by Summer 2018. Delays beyond this schedule may result in added costs to be added to the contract amount.



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In case the project is cancelled by the Owner before January 31, 2018, and such cancellation confirmed in writing to Nationwide Commercial Aquatics Inc. by that date, it is agreed that the only liability to the Owner will be the deposit payment, which will be used to finance design, coordination and planning of the pool systems herein with the various consultants and proponent teams involved with the project, and to confirm and secure pricing from our suppliers. This deposit is required to confirm the commitment to work together, and is non-refundable. If the project is cancelled as above, NCA and our partners will have no further claim with the Owner apart from this deposit payment.

The Myrtha Pools, and mechanical system components of the project require prepayment before shipping. This amount will be invoiced 45 days before shipping, and payment must be in place before shipping. NCAquatics can provide packing lists, bills of lading and proof of transit insurance to substantiate this payment requirement.

Other components of the project will be invoiced as completed, invoiced by the 25<sup>th</sup> day of the month of completion, for payment within 30 days. A 10% holdback on invoices is anticipated, except for the Myrtha Pools and mechanical systems payments which must be paid in full to schedule shipping.

**Includes the following Scope of Services:**

- shop drawings, one set of digital files in .pdf or .dwg format for each of 2 revisions. Once the drawings have been approved for execution, we will provide the drawing files, sealed by an engineer licensed to practice in Ontario,
- definition of site preparation requirements (Note that site preparation works are NOT included in our proposal. We will provide load calculations for associated structural works by others, and static calculations for Myrtha structural components, to assist others in their design and construction works),
- The intent is to have the existing pool tank and required site and concrete works needed to accept the Myrtha RenovAction installation performed by others, then have our forces install the Myrtha Pools components.
- Myrtha Pools structure, including wall panels, structural supports and gutters.
- Pool penetrations and in-wall fittings.
- PVC floor system,
- Definition of Electrical/Grounding requirements for pool equipment, (Note that electrical/grounding works are NOT included in our proposal, only the provision of the relevant information to assist others in the design and installation of these works).
- Installation of Myrtha Pool components as noted above, by factory-trained, experienced Myrtha Pool installers.
- Supply and installation of pool mechanical systems, including pipe, fittings, valves, circulation, filtration, chemical treatment systems and connection to heating, except as specifically noted above, by experienced pool installing technicians with experience installing pool mechanical systems associated with



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Myrtha Pool tank systems. We will work with your design team to integrate our systems.

- Filling of pools with potable water (Note that potable water is NOT included in this proposal. We anticipate that the client will provide cold, clean water to fill and test and operate pools, but we will be responsible for the proper addition and removal of such during the course of construction and testing of the pools. Minimum 2 test cycles per pool are anticipated for our testing purposes).
- Clean up of our works after installation and before operation of the pools.
- Provide technician to supervise/inspect/approve the pools during construction of elements outside our scope of services, according to our requirements.
- Job Site Requirements – see Job Site Requirements below.
- Provide \$2,000,000.00 Liability Insurance covering the works.

**Our proposed scope of services excludes the following items:**

- Design and construction of site works, including but not limited to excavation, soils testing, soils remediation, de-watering, fill, compaction, gravel layer, passive drains, weeping tile, pool deck construction, pool corridor and pool sub-floor construction, pool ramp entry construction, mechanical room structural components, drain sumps, lift pumps, backfill around pools where necessary, pool deck support, pool deck finishes.
- We will provide load data and static calculations for Myrtha components for your design team, and work with them to integrate our systems.
- Design and installation of electrical systems, sensors, controls and grounding. All Myrtha Pool structural components are bonded electrically to their neighbour, so grounding is quite simple (To be provided by others.)
- Heating of pool water.
- Note that tile or coping or other finishes on the pool decks, depth markings or other finishes beyond the vertical walls and gutter grilles of the pools are not included. We will provide design of deck markings adjacent to the pool tanks as required by Ontario Building Code for depth markings and warnings, but the tile works and deck finishes are by others,
- Rails and rail anchors except for the gutter-mount ladder grabrails noted, and handrails that enter the pools and which are indicated herein.
- Theming, decor rock, bollards etc.
- Supply and installation of spectator seating.
- Supply and installation of pool deck and competitive equipment not specifically noted above. We can provide a separate list of required or suggested items for events, but these items are outside of the scope of works in this proposal.
- Supply or install of any and all items outside of the scope of services of this proposal.
- Building permit.
- Excavation, backfill, and compaction of any earth work unless quantities and locations specifically identified.



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- Concrete work of any kind including housekeeping pads and pump bases.
  - Cutting, coring, and patching of concrete work unless due to own error in layout or sleeve location.
  - Fire-stopping of any pipes that penetrate fire rated area walls or ceilings.
  - Heating and hoarding of work site if required. Certain minimum working temperatures are required in order for the work to progress so if such heating is required it will be provided by others.
  - Boilers, heat exchangers, and temperature controls of any kind.
  - Domestic cold water plumbing of any kind except final hook up of make-up water lines for pool systems only.
  - Sanitary sewer piping of any kind including deck drain piping. The pool filter backwash line will be run to either an appropriately sized standpipe or holding tank provided by others.
  - Weeping tile, perimeter drainage, or de-watering of any kind.
- Electrical work of any kind including for level controls and for pool lights (if pool lights are included).
- Crane or lift service for moving pool components to the work area if the work area is not at grade level. We shall only supply equipment to off-load such components from delivery vehicles to grade level storage/marshaling area.
  - Temporary site services including phone line, electrical, and portable toilets.
  - Survey service. We expect that the general contractor or project manager will provide the setting out points for the pools. We will provide layout of our works from the setting out point provided by the owner.

**Other excluded items:**

- Automatic officiating equipment, except as noted in the Proposal,
- Sound equipment and presentation standards,
- Water polo goals, course lines, benches, tables, judge stands, deck,
- Overhead or general lighting,
- Any additional items not expressly included herein.

**Job Site Requirements**

We are proceeding based on the assumption that we will be a major presence on the job site during construction of the pools, but that we will not be responsible for general site management. Thus, we have not included general site management items in our budget estimates. These items, including perimeter fencing, security, shipping and receiving, temporary power, temporary lighting, temporary water, temporary heating, general job site management, temporary restrooms, site drainage, site preparation, soils engineering, parking, roads, signage, general site safety management, waste management and waste disposal, as well as other jobsite services or requirements, are to be provided by others to local standards and to our requirements.



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Some stages of installation for the Myrtha Pool require a minimum ambient air temperature of 15-degrees Celsius to be performed properly. We also require dry and comparatively dust-free conditions for some operations. We expect that these conditions will be provided by the client during our installation stage.

The installation of the Myrtha Pools requires the use of power tools, lights, pneumatic tools and hand tools. We will provide secure job boxes as we require for onsite staff. We expect the client to provide a suitable secure space for these items, as well as temporary power, telephone lines and lighting for it as well. The client shall provide a secure storage area for our materials and tools and site security during construction and commissioning.

Concrete finishes inside the Myrtha Pool must satisfy Myrtha dimensional tolerances (+0/-20mm vertical, +/- 13mm horizontal). Concrete finishes by others must permit us to achieve these Myrtha specifications.

Please review carefully and feel free to contact us to discuss any concerns.

Sincerely,

*Keith Richardson*

Keith Richardson

Nationwide Commercial Aquatics Inc.  
Keith Richardson - President



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