

## COUNCIL ACTION FORM

### Agenda Item: Purchase of Robotic Pool Vacuum

#### History:

Our current robotic pool vacuum is no longer functional and is beyond repair. A robotic pool vacuum is essential for maintaining a clean, safe, and long-lasting swimming pool. They prevent the buildup of organic debris and algae, reduce the strain on the filtration system, and save significant time, and chemical costs. I have researched several replacement options in consultation with our primary pool suppliers and online vendors.

We have narrowed the selection to the Enduro 32M and the Dolphin Wave 200 XL. To ensure the best service options and competitive pricing for the City, we have determined that purchasing from a local supplier is the best course of action.

Attached are two quote sheets from Carrico Aquatics outlining the specifications, warranty, and service information for each model. Based on this comparison, the Enduro 32M offers superior options, warranty coverage, and service support compared to the Dolphin Wave 200 XL.

Please find a best price and service comparison from our primary pool suppliers below:

<b>Enduro M32</b>	<b>Price</b>
Carrico Aquatics	\$12,860 (onsite service agreement)
CES	\$15,538.64 (onsite service agreement)

<b>Dolphin Wave 200XL</b>	
Carrico Aquatics	\$10,611 (vacuum only)
Carrico Aquatics	\$13,506 (with service agreement)
ACCO Unlimited	\$9,549 + Shipping (in-house service)

#### Options:

1. Accept the quote from Carrico Aquatics for the Enduro M32.
2. Accept the quote from ACCO Unlimited for the Dolphin Wave 200XL.
3. Research other options.

#### Recommendation:

The Park Board and staff recommend that City Council accept the proposal from Carrico Aquatics for the Enduro M32 at a cost of \$12,560.00 due to the long-term operational value, superior durability, enhanced navigation and cleaning capabilities, and stronger onsite service support offered with the Enduro system. While the Dolphin Wave 200XL has a lower initial purchase price, the Enduro M32 provides several advantages that make it the better investment for the City over the life of the equipment.

The Enduro M32 includes a stainless-steel frame with a seven-year warranty, compared to the Dolphin's three-year warranty, providing significantly greater long-term durability and reduced replacement risk. The Enduro also features a second-generation gyroscope for more precise navigation, a systematic cleaning mode with maximum customization, and enhanced traction through its PVA halfpad system, allowing for more effective and consistent cleaning on a variety of pool surfaces. In addition, the Enduro utilizes a 105-micron umbrella filtration system and operates on a safe 24-volt adjustable DC system designed for industrial-grade performance.

From a maintenance and operations standpoint, the Enduro package offers additional value through onsite warranty administration, onsite programming specific to the pool, ongoing staff training, and a one-year labor warranty on necessary repairs. Carrico Aquatics also provides a no-charge loaner unit during the initial warranty period if repairs cannot be completed onsite. These service features reduce operational downtime and improve long-term reliability for Parks and Recreation staff.

In addition to the operational and maintenance advantages, staff estimates the Enduro M32 will generate approximately **\$4,704 in annual staff time savings** compared to the current cleaning process. Currently, staff spend significant time maneuvering the existing Dolphin vacuum, operating the extremely large manual vacuum system, and manually sweeping areas that are not adequately cleaned by the existing equipment. These processes are labor-intensive, physically demanding, and reduce the amount of time staff can dedicate to other maintenance and programming responsibilities within the aquatic facility.

The enhanced navigation system, systematic cleaning patterns, and improved wall and surface coverage offered by the Enduro M32 are expected to substantially reduce the amount of manual intervention required during daily pool maintenance operations. By reducing time spent on manual cleaning tasks, staff resources can be reallocated toward preventative maintenance, facility upkeep, customer service, programming support, and other operational priorities within the Parks and Recreation Department. Over the life of the equipment, these labor savings further improve the overall value and cost-effectiveness of the Enduro M32 investment for the City.

Although the Dolphin Wave 200XL includes several beneficial features, including dual-level cyclonic filtration and multi-pattern scanning, the overall construction, warranty coverage, customization options, and service support provided with the Enduro M32 outweigh the lower upfront cost of the Dolphin. Staff believes the Enduro M32 will provide a more dependable and cost-effective solution for the City's aquatic facility over time.

If you have any questions, please feel free to contact me at 382-4352 (office) or by email at [nevadarecreation@gmail.com](mailto:nevadarecreation@gmail.com)



We don't build pools,

420 Rock Island Road • Oelwein, IA 50662

We make built pools operate as designed.

Office: 800.832.7147  
www.carricoaquatics.com

May 8, 2026

Rhonda Maier  
Nevada Parks & Recreation  
825 15th Street  
Nevada, Iowa 50201

*RE: Enduro M32 Robotic Cleaner*

Dear Rhonda,

Thank you for allowing Carrico Aquatic Resources, Inc. the opportunity to work with Nevada Parks and Recreation and provide a proposal for an Enduro M32 robotic cleaner.

**Enduro M32:**

- 32 meter, industrial grade cable with trolley and integrated cable reel
- Stainless steel frame with seven-year warranty
- Touchscreen control panel for easy entry and exit of robot from the pool
- Weatherproof remote control
- Voice alert system
- 2nd Generation gyroscope for precise navigation
- Top mount 105 micron umbrella filtration system
- Systematic mode for precision cleaning with maximum customization
- 120 volt input with safe 24volt adjustable DC operation
- PVA halfpad set for enhanced traction on a variety of surfaces resulting in precise navigation
- In house assembly, quality control and diagnostics
- Delivery to facility
- Two-year limited warranty with on-site vacuum warranty administration and repair program (excludes wearable parts)
- One-year labor warranty—from date of purchase on necessary repairs (excludes wearable parts)
- Onsite and ongoing training of your staff for a two year period
- Custom onsite programming specific for the pool
- Ongoing 24/7 phone support
- Repairs that cannot be completed on the pool deck, a no-charge loaner will be provided during initial warranty period

Your total investment for the above listed is eleven thousand nine hundred forty-eight and no/100 dollars (\$11,948.00) plus shipping and tariffs currently estimated at nine hundred twelve and no/100 dollars (\$912.00).

Terms for this sale are:

- Prices are firm for 30 days from date of this proposal.
- Terms of payment requested is 30 days from the date of our invoice after delivery.
- Past due accounts will be charged a late fee of 1.5% per month.
- This price does not include taxes.

If you have any questions, please feel free to contact our office toll free at 800-832-7147. If you find this proposal acceptable, please indicate below and email a copy [collin@carricoaquatics.com](mailto:collin@carricoaquatics.com).

Thank you,

Collin Nimrod  
Account Manager  
Carrico Aquatic Resources, Inc.

**ACCEPTANCE OF PROPOSAL**

Accepted by: \_\_\_\_\_ Date: \_\_\_\_\_ P.O.# \_\_\_\_\_



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May 13, 2026

Rhonda Maier  
Nevada Parks & Recreation  
825 15th Street  
Nevada, Iowa 50201

*RE: Wave 200 XL Robotic Cleaner*

Dear Rhonda,

Thank you for allowing Carrico Aquatic Resources, Inc. the opportunity to work with Nevada Parks & Recreation and provide a proposal for a Wave 200 XL robotic cleaner.

Wave 200 XL Robotic Cleaner:

- 42 meter auto release cable with multi use caddy
- Three-year warranty
- MMI control panel for easy entry and exit of robot from the pool
- Remote control for touch guidance
- Top mounted filter with dual level cyclonic filtration
- Multi pattern scanning with line by line cleaning process
- Customizable parameters for up to 4 pools

Your total investment for the above listed is nine thousand nine hundred ninety-nine and 00/100 dollars (\$9,999.00) plus shipping estimated at (\$600.00) and fuel surcharge estimated at twelve and 00/100 dollars (\$12.00).

**Wave 200XL Service and Training Agreement:**

- In house assembly, quality control and diagnostics
- Delivery to facility
- Three-year limited warranty with on-site vacuum warranty administration and repair program
- Onsite and on-going training of your staff for a three year period
- Custom on-site set up specific for the pool
- Ongoing 24/7 phone support

- Repairs that cannot be completed on the pool deck, a no-charge loaner will be provided during initial warranty period

The additional investment for the Service and Training Agreement is three thousand eight hundred ninety-five and no/100 dollars (\$3,895.00).

Terms for this sale are:

- Prices are firm for 30 days from the date of this proposal.
- Payment Terms: Net 30 from date of invoice.
- Past due accounts will be charged a late fee of 1.5% per month.
- This price does not include taxes.

If you have any questions, please feel free to contact our office toll free at 800-832-7147. If you find this proposal acceptable, please indicate below and email a copy collin@carricoaquatics.com.

Thank you,

Collin Nimrod  
Account Manager  
Carrico Aquatic Resources, Inc.

**ACCEPTANCE OF PROPOSAL**

\_\_\_\_\_ Wave 200XL

\_\_\_\_\_ Wave 200XL with Service and Training

Accepted by: \_\_\_\_\_ Date: \_\_\_\_\_ P.O.# \_\_\_\_\_