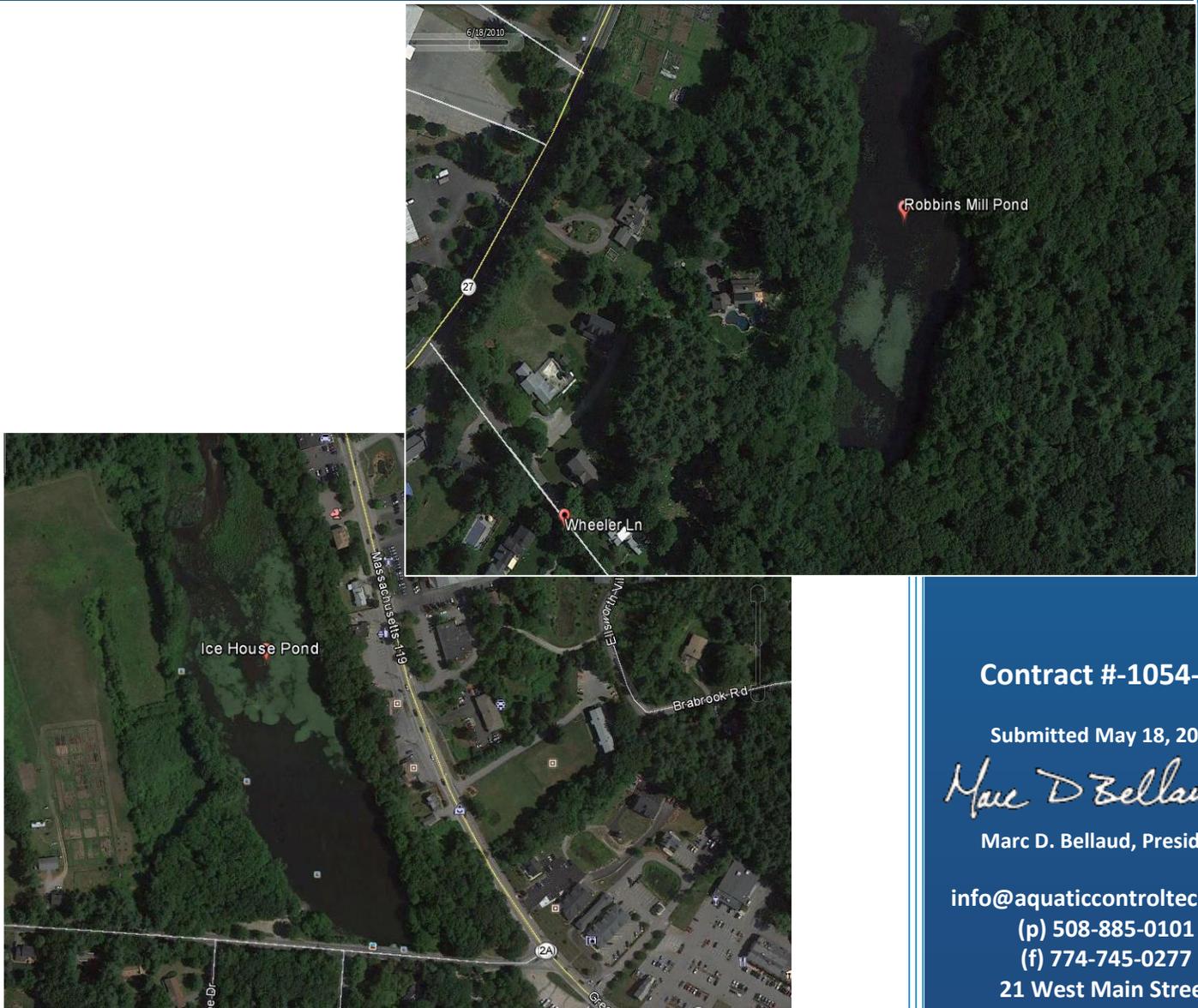


AQUATIC CONTROL TECHNOLOGY

2015 Proposal / Contract Mechanical Aquatic Vegetation Control at Ice House & Robbins Mill Ponds – Acton, MA



Contract #-1054-15

Submitted May 18, 2015

Marc D Bellaud

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MECHANICAL AQUATIC VEGETATION MANAGEMENT
ICE HOUSE AND ROBBINS MILL PONDS
ACTON, MASSACHUSETTS
2015

THIS AGREEMENT is entered into this _____ day of _____ 2015 by and between the TOWN OF ACTON, c/o Bettina Abe of Acton, Massachusetts hereinafter referred to as the "CLIENT", and AQUATIC CONTROL TECHNOLOGY, of Spencer, Massachusetts, hereinafter referred to as "AQUATIC CONTROL".

WHEREAS, the CLIENT desires the special services of said AQUATIC CONTROL for the mechanical removal of the invasive aquatic vegetation, Water Chestnut, at Ice House and Robbins Mill Ponds in Acton, Massachusetts, the parties hereto agree as follows:

I. EMPLOYMENT OF AQUATIC CONTROL

The CLIENT agrees to engage AQUATIC CONTROL, and AQUATIC CONTROL hereby agrees to perform the selected services hereinafter set forth.

II. OBJECTIVE OF THE PROJECT

The objective of this agreement is for AQUATIC CONTROL to mechanically by harvester, remove the aquatic vegetation - Water Chestnut (*Trapa Natans*) - infesting up to a combined (6) acres of Ice House Pond and Robbins Mill Pond in Acton, Massachusetts during the summer of 2015.

The start of the harvesting event will commence on July 13, 2015, a harvester will be mobilized (transported / assembled / launched at Ice House Pond. The harvester will remove up to (3) acres of Water Chestnut and place the material at the designated on-shore offload location for composting / disposal by the CLIENT. The evening of July 15th or the morning of July 16th the harvester will be demobilized (removed / disassembled / transported) from Ice House Pond and mobilized at Robbins Mill Pond. The harvester will remove up to (3) acres of Water Chestnut and place the material at the designated on-shore offload location for composting / disposal by the CLIENT. Once the harvesting event has concluded on Robbins Mill Pond, the harvester will be demobilized.

A harvester will be employed to cut, collect and transport the plant material to the designated shoreline take-out area for offloading into the bucket of a front-end loader or similar equipment if the CLIENT has the resources to provide a an operator and piece of equipment during the harvesting period at each pond. Alternatively, the harvest will place the material onshore, at water's edge for removal by the CLIENT on a periodic basis.



The front-end loader will receive the plant material from the harvester and either transport / place the material at the designated onsite compost area or place the plant material in a container for transport to an offsite compost facility.



Infested areas not accessible to harvester may be hand-pulled by volunteer efforts once the mechanical harvesting is completed to ensure that no additional nutlets contribute to the existing seed bed.



Harvesting Equipment Specifications

Aquatic Control's H5-130 weed harvester will be used to cut, collect, and transport the Water Chestnut plants to the designated offloading site. All seals and valves are to be inspected and replaced, if necessary. This machine uses Bio-HyGARD II hydraulic fluid (manufactured by John Deere), which is biodegradable. A petroleum spill response kit is maintained on each piece of mechanical equipment.

| AquaMarine Harvester H5-130 | |
|------------------------------------|----------------------------|
| Cutting Width | 5 feet |
| Cutting Depth | 1 - 5 feet |
| Load Storage Capacity | 1.3 cubic yards |
| Propulsion System | paddle wheels |
| Minimum Operating Depth | 9 inches |
| Unloading System | hydraulic powered conveyor |

Spread Prevention Procedures – Aquatic Control understands the concerns surrounding the introduction of invasive and non-indigenous aquatic plant species. After work has been completed on a given water body, the equipment is physically inspected for any water, which would indicate a leak. All vegetation and debris is removed from the pontoons, rake, paddle wheels, drive chains, and sprockets. A bleach solution is applied with a sprayer, and the equipment is washed with soapy water and thoroughly rinsed with a pressure washer. Finally, all equipment is allowed to dry. These measures are employed prior to transport to the next water body and are part of our routine equipment maintenance.

Aquatic Control has in-house experience to repair most of the hydro-rake and harvester components.

Aquatic Control maintains an inventory of spare hydraulic hoses and motors that propel the paddle wheels and maneuver the rake and arm of the hydro-rakes and cutters and conveyors of the harvesters.

Aquatic Control has six dedicated vendors that will service the equipment onsite, if needed. They will respond within 24 hours of a service call. These vendors are listed below:

- Doug Boyce Welding / Hydraulic Repair and Crane Service – Charlton, MA - (508) 248-1651
- D & W Diesel – North Oxford, MA - (508) 987-1089
- D & D Welding and Crane Service - Southbridge, MA - (508) 765-5119
- Wayne Perry Welding – Belchertown, MA – (508) 245-2623
- Hilltop Mobile Repair – Brookfield, MA – (508) 864-8269
- Huck's Diesel Repair and Towing Service - North Brookfield, MA – (508) 867-4026

III. PUBLIC NOTIFICATION

The CLIENT takes responsibility for notifying abutters, property owners, and other individuals utilizing the water body regarding the Water Chestnut removal program. AQUATIC CONTROL will notify the CLIENT in advance of the start date.

IV. PAYMENT FOR SERVICES

The 2015 project cost for the on-water mechanical services requested to control / eradicate Water Chestnut from Ice House and Robbins Mill Ponds in Acton, MA is **\$12,000**. Below is a breakdown of the cost by Tasks/Deliverables.

| Task No. | Task / Deliverable(s) | Pricing |
|--------------------------------|--|-----------------|
| 1 | Mobilization to Ice House Pond – Harvester delivery, assembly and launch | \$1,500 |
| 2 | Mechanical and hand harvesting of up to (6) acres | \$9,000 |
| 3 | The harvester will place plant material at the designated onshore off-load locations at each Pond for composting /disposal by the Town of Acton. | \$0 |
| 4 | Harvester demobilization from Ice House Pond and mobilization to Robbins Mill Pond | \$0 |
| 5 | Demobilization from Robbins Mill Pond – Harvester removal, dismantle and transport | \$1,500 |
| 2015 Total Project Cost | | \$12,000 |

Aquatic Control will invoice for this project upon completion of Task 5.

This proposal shall become a contract upon your signing and returning a copy to AQUATIC CONTROL’S business office at 21 West Main Street, Spencer, MA 01562, (fax and email copies are acceptable). If this contract is not executed within thirty days, AQUATIC CONTROL reserves the right to review the contract price. Please print and retain a copy for your records. Please contact the Project Manager, Jeff Castellani, with questions. Jeff can be reached by phone, 508-885-0101 or by email, jcastellani@aquaticcontroltech.com.

SUBMITTED: May 26, 2015

AQUATIC CONTROL TECHNOLOGY, LLC

BY 

Marc D. Bellaud, President

APPROVED AND ACCEPTED:

TOWN OF ACTON

DATE: _____

BY _____

TITLE _____

