

Bare Hill Pond Watershed Management Committee
Town of Harvard
13 Ayer Road
Harvard, MA 01451

Re: Notice of Opportunity to Submit Proposals for the Design of a Pumping System for Bare Hill Pond

To Potential Design and Engineering Firms:

Attached please find a copy of the functional requirements that the Bare Hill Pond Watershed Management Committee (the "Pond Committee") has developed for seeking proposals for the design of a pumped drawdown system for Bare Hill Pond. Our goal is to develop a pump-based solution to the need to increase the depth of pond drawdowns from the current limit of 3.5 feet for gravity-driven drawdowns to up to 8 feet. The purpose of this solicitation is to obtain a detailed design specification and cost estimate for construction and operation of a pumping system that would enable us to issue in September 2004 an RFP to competitively bid the construction, operation and warranty portion of this effort. Please review the attached functional requirements, and in preparing your response, please use the attached Requirements for Proposal Submission as a guide.

Copies of the following reference materials to aid in preparing your proposal are on the Pond Committee's webpage at <http://www.harvard.ma.us/bhpwmc.htm>

Pumping Platform RFP

RFP Letter.doc -- written request for proposals

RFP Requirements.doc -- requirements for response

Pumping Platform.doc -- draft of functional requirements for pumping platform

Prior work on Pumping Platform Alternatives

2001 Ross pumped drawdown study.pdf -- Feasibility study of pumping options to accomplish a short term drawdown of Bare Hill Pond by David E. Ross Associates, Inc.

2003 Polytech pumping estimate.pdf -- design and construction guesstimates for a floating pump platform by Chris Ashley from Polytech Filtration Systems, Inc.

s.319 Grant

s.319 Contract.doc -- contract document between Mass DEP and the Town of Harvard

s.319 Scope of Services.doc -- definition of project goals, tasks, deliverables, schedule, and funding

s.319 Addendum.doc -- addendum to Scope of Services to more broadly define the pumping platform deliverable

History of Bare Hill Pond Studies and Management

Marsh chronology.pdf -- chronology of pond management from early 1800's to 2000

1987 Whitman-Howard report.pdf -- diagnostic study of pond's condition and feasibility analysis of restoration alternatives

1999 DEP TDML report.pdf -- DEP analysis of Bare Hill Pond as an endangered waterbody, due to issues with water quality and noxious plant invasion

1998 ENSR report.pdf -- water quality and aquatic plant evaluation

2002 ENSR report.doc -- wildlife, habitat, and vegetative assessment of Bare Hill Pond, with management implications

A bidders conference for the design contract will be held at our next Pond Committee meeting at 7:30pm at the Hildreth House (behind the Harvard Town Hall) on Wednesday, June 23. Proposals will be due July 21, after which the Pond Committee will select proposals for discussion and negotiation of a contract. The Pond Committee contacts for this Project are:

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Please feel free to call or email the contacts if you have any questions.

Sincerely,

Bill Johnson
Bare Hill Pond Watershed Management Committee