

ADDENDUM NUMBER TWO (2)

**RESPONSES FOR THE TECHNICAL QUESTIONS
Originated During the Proposers' Conference on October 30, 2008**

**Note New Due Date: Proposals must be submitted no later than 3:30 p.m. on December 8, 2008
Proposals must be Returned to the Suffolk County Purchasing Office**

Number of Copies of Proposal to be submitted: One Original plus eight (8) copies

**County of Suffolk
Suffolk County Purchasing Office
360 Yaphank Avenue, Yaphank, NY 11980**

For additional information, call:

**Name Kathleen C. Koppenhoefer, General Services Manager of Purchasing
Main Tel. (631) 852-5196
Fax: (631) 852-5221**

- **All packages containing Responses must clearly state the Purchasing RFP or RFQ No. (located on upper right hand corner of this page) on each outer mailing envelope or packing box.**
- **The Original Response and also each required copy must be clearly marked with the Purchasing RFP or RFQ No. on the outer binder or cover page. The Original Response must be labeled "ORIGINAL" and must contain the original, ink-signed, County required forms, and original transmittal letter, in addition to your proposal response. Finally, add the sealed envelope with the required number of cost proposals only to your Original set.**
- **All extra sets must be photocopies of the ENTIRE original Response submitted, including the transmittal letter and all required County forms. Do NOT return this RFP or RFQ document, the sample Model Agreement or the Legal Appendices packet; keep them for your reference.**
- **Late Proposals will be Rejected**

Addendum Number Two (2)

A. Due Date for Proposals

Proposals must be submitted to the attention of the Purchasing Office staff member listed on page one of this Addendum, by the date set forth on page one of this Addendum.

Suffolk County Purchasing Office
360 Yaphank Avenue
Yaphank, New York 11980

In the interest of fairness to all participants, no extensions or exceptions will be permitted, unless issued as an Addendum to this RFP and applicable to all Contractors (by Contractors meaning Consultants and/or Proposer for this document).

B. Alternative Proposals

The Proposer may submit alternative proposals, if there is more than one viable approach to the project. However, these should be segregated, in terms of proposal narrative and cost proposal, so that all baseline proposals can be evaluated on the same basis.

C. Questions and Answers Relating to the RFP

Answers to the questions discussed at the Proposers Conference held on October 30, 2008 are set forth below.

Ques. 1: Would it be possible to get a copy of the 2006 (or more recent) Citizens Statewide Lake Assessment Program (CSLAP) (water quality data report for the Canaan Lake and, as available, for Lower and Upper Lake)?

Answer: A copy for most recent NY Citizens Statewide Lake Assessment Program (CSLAP) report for Canaan Lake (2006 CSLAP report for Canaan Lake) will be provided upon request to the attention of the Purchasing Office staff member listed on page one of this Addendum. There is no CSLAP data for the Yaphank Lakes. The Upper and Lower Yaphank Lakes have never been sampled as part of the NY Citizens Statewide Lake Assessment Program.

Ques. 2: What other historical water quality data or records does Suffolk County have available for these lakes?

Answer: The available water quality data for these lakes is limited. In 2004 the Department of Public Works (DPW) conducted a project for the rehabilitation of the Yaphank Lower Lake culvert and spillway at CR 21. Photos of the finished project are attached (photos 1-3), where different features of the spillway are visible, as well as surrounding vegetation including Phragmites, and aquatic plants. As stated on the previous answer, the 2006 CSLAP report for Canaan Lake will be provided upon request.

Ques. 3: Are there any recent aquatic macrophyte maps (e.g., species, coverage, and biomass) available for these waterbodies?

Answer: The Proposer may contact N.Y.S. Department of Environmental Conservation (DEC) and the New York Natural Heritage Program for macrophyte maps, and/or for any other ecological factors that will be required for the study.

Ques. 4: Does the County have information regarding the presence of state-listed protected species within these waterbodies or in their riparian zones?

Answer: If necessary, the Proposer can request a list of state-protected species for the areas of the lakes and riparian zones, by contacting the New York Natural Heritage Program, on the DEC website. The specifications for the request are listed on the New York Natural Heritage Program website (www.nynhp.org).

Attached to this Addendum is a preliminary list of state-protected plant species, which was created with information obtained from the Save the Yaphank Lakes website, and then compared with a list of protected species from the DEC website. The information from Save the Yaphank Lakes represents inventories of native and exotic plant species compiled on both Yaphank lakes during August, 2006. Names in **BOLD** on the list are listed state-protected as per DEC. The County makes no representation as to the completeness or accuracy of the preliminary list.

Ques. 5: Are there current dam inspection reports available for either of the North Carmans River impoundments?

Answer: Inspections and restoration of the culvert and spillway of the Yaphank Lower Lake at CR21 have been done in the past by Suffolk County DPW. Pictures of the impoundments have been provided. (See Answer to Question 2.)

The organization, Save the Yaphank Lakes, has a report of the Upper Yaphank Lake dam, completed by PWG Engineering, published on its website (www.savetheyaphanklakes.org).

Ques. 6: Are there any segments of the Carmans River that would not be accessible due to private ownership?

Answer: There are boat ramps for boat access to both Upper and Lower Yaphank lakes eliminating the need to access the lakes through private properties. RFP 08/80037 states that if it is necessary, the proposer will apply for and obtain any required permissions (underwater land owners) and permits to perform work necessary for the services requested.

Ques. 7: Will the County provide locations and logistical support for the community meetings (i.e., not just approve them)?

Answer: Yes, the County will assist in arranging suitable locations for community meetings and will attend all meetings.

Ques. 8: Page 16 of the RFP describes meeting and stakeholder involvement (Task III). Will Suffolk County provide the proposer with a stakeholder list, or will it be the proposer's responsibility to select and organize stakeholders?

Answer: The proposer will be responsible for preparing the meetings and for contacting individuals, organizations, agencies, and any stakeholders involved with the Upper and Lower Yaphank lakes and Canaan Lake. However, the County will help with providing information for contacts and parties interested or involved with the project.

Ques. 9: In Section III 1(a), does the County have a preference concerning which lake is used for the pilot study?

Answer: The pilot project shall be preliminarily addressed to Canaan Lake, because it is listed as an impaired water body as per the New York State 303(d) list. Even though Upper and Lower Yaphank Lakes are of great importance for the County, they are not listed as impaired by the State; therefore the pilot project has been preliminarily slated to be conducted on Canaan Lake.

Ques. 10: In Section IV Task IV, the RFP states that the lowering of lake level could improve the function of shoreline sanitary disposal systems. Please provide additional clarification concerning the extent and type of these systems.

Answer: Development in the area is served by conventional on-site disposal systems consisting of a septic tank and leaching pools. Due to the high groundwater/lake elevation it is possible that some of the leaching systems are not installed above the water table and are in groundwater, thus reducing their effectiveness.

In addition, lowering the lake levels would help to control nuisance plants, because when the lake level is drawn down the vegetation is exposed to the air and the plants are dehydrated and killed. This expected result would provide a temporary relief in shallow waters where the plants are present and affecting the sanitary systems, and the result would also allow lakeside residents to more easily accomplish cleaning practices on their properties.

Ques. 11: Please provide information concerning species of interest with regards to fish passage.

Answer: The County believes that the ecological communities that live on the Carmans River are part of a complex and organic chain of elements that extends outside of the Carmans River system. The function of the passages is not merely to help fish species, but also the species and environmental elements related to the biological roles of the fish. The ecological importance of diadromous species includes their roles as foragers and linkage between the sea and freshwater habitats. Therefore conservation of these fish is an important part of ecosystem-based management. The species for which the

passages are most suited are Brook Trout and Alewife, both of which migrate between fresh and salt water to have access to spawning areas. The Carmans River also provides habitat for large-mouthed bass, American eel, River herring or Blueback herring, and Rainbow smelt.

- Ques. 12:** Please provide a list or information concerning existing/prior studies (e.g., water quality studies, etc.) and/or GIS data that could be used as background information for the proposed work.
- Answer:** If the proposer desires County GIS coverage, he will need to obtain a "Tax Maps and GIS Product Third Party Sub License Agreement" from the Suffolk County Real Property Tax Service Agency.
- Ques. 13:** Page 9 of the RFP states, "Provide licensing information and references for all project staff." Please clarify what is needed with regard to references.
- Answer:** The proposer shall provide information on staff qualifications and professional licenses required under local and State law. The proposer shall also provide Curriculum Vitae for each staff member who will be involved in the project.
- Ques. 14:** Are the Legal Appendices/Forms required for subconsultants or just the prime?
- Answer:** Yes, subconsultants are also subject to all Legal Appendices and Forms.
- Ques. 15:** Are surveys available for any of the three lakes, or if surveys are not available does the RFP require surveys?
- Answer:** Yes, the Proposer will conduct surveys as needed such as, but not limited to; land surveys, watershed area composition, geography, bathymetry, water quality, living resources, dams, bulkheads, and others as specified in RFP 08/80037.
- Ques. 16:** Will the Suffolk County Public and Environmental Health Laboratory (PEHL) be available to the proposer?
- Answer:** No.
- Ques. 17:** If necessary could the pilot project be expanded to multiple lakes?
- Answer:** The recommendations and design of the pilot project by the proposer will be as specified in RFP 08/80037, however the target area and implementation of the pilot project is not covered by RFP 08/80037. The execution of the pilot project will be subject to a separate RFP, thus the decision to expand the project design to multiple lakes would be made by the County in consultation with the proposer.
- Ques. 18:** Regarding the DPW dam inspections; were these mere visual inspections or were they full structural inspections?

Answer: DPW performed a rehabilitation project of the Lower Lake Culvert and Spillway at CR21 in 2004. Thus, the project was not just an inspection, but also a reconstruction project. See Answer to Questions 2 and 5.

Ques. 19: Will the contractor be responsible for obtaining any permits?

Answer: Yes. See Answer to Quest. 6.

Ques. 20: Does the deliverable for Task IV - Options for Fish Passage at the Upper and Lower Lake need to be a fully engineered study or merely a conceptual plan?

Answer: The scope of the design of fish passages will be as it is specified in the RFP. However, the County expects a comprehensive engineering study from the Proposer. The Proposer will select sites, build a proper design and management techniques intended to demonstrate how this planning guidance can be implemented by the County.

Ques. 21: Are there fish and macrophyte studies available for these lakes?

Answer: The acquisition of macrophyte, fish, and any other surveys and studies will be the responsibility of the Proposer. The Proposer can request respective data from the DEC, the New York Natural Heritage Program, and any other agency, institution, organization or entity related.

Attachments

From Question 2:

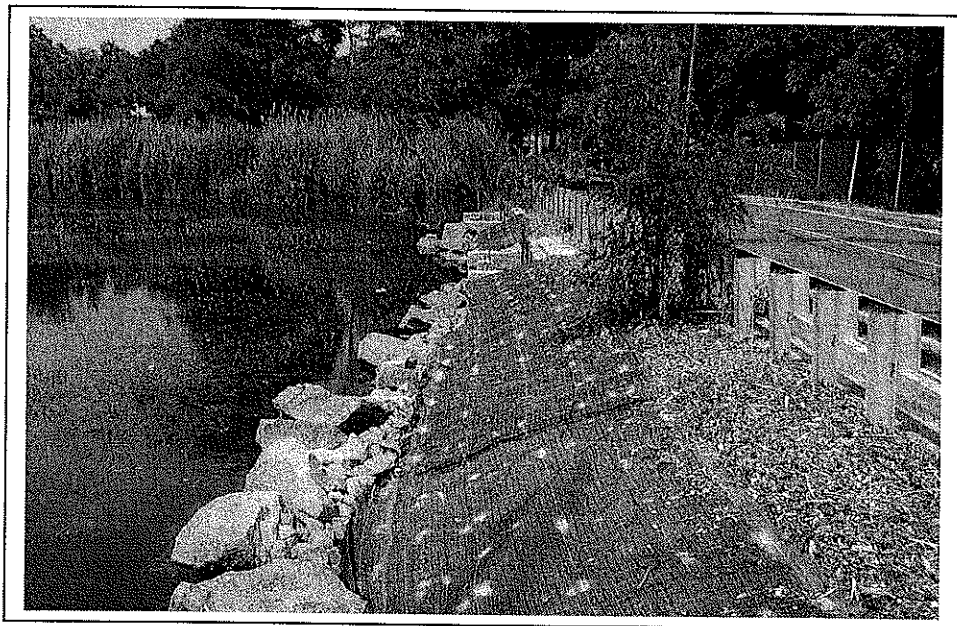


Photo 1. Culverts and Spillway from Yaphank Lower Lake. Note; CR21, Phragmites on the back, and aquatic plants.

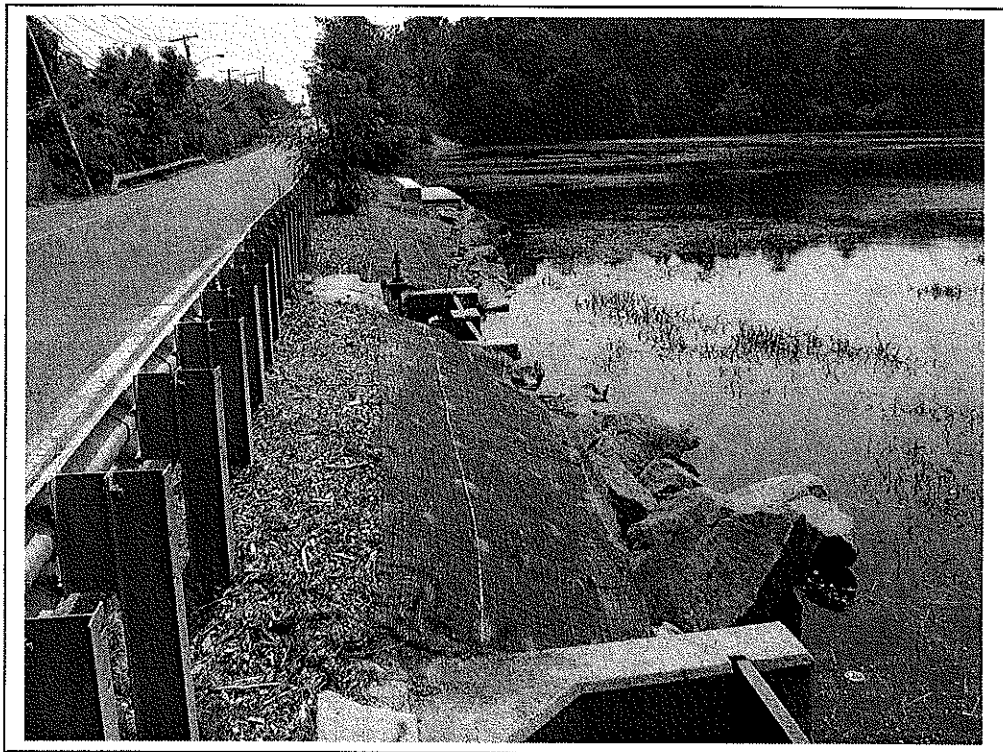


Photo 2. Culverts and Spillway from Yaphank Lower Lake. Note; CR21, Culverts, Aquatic plants, and Deck structure.

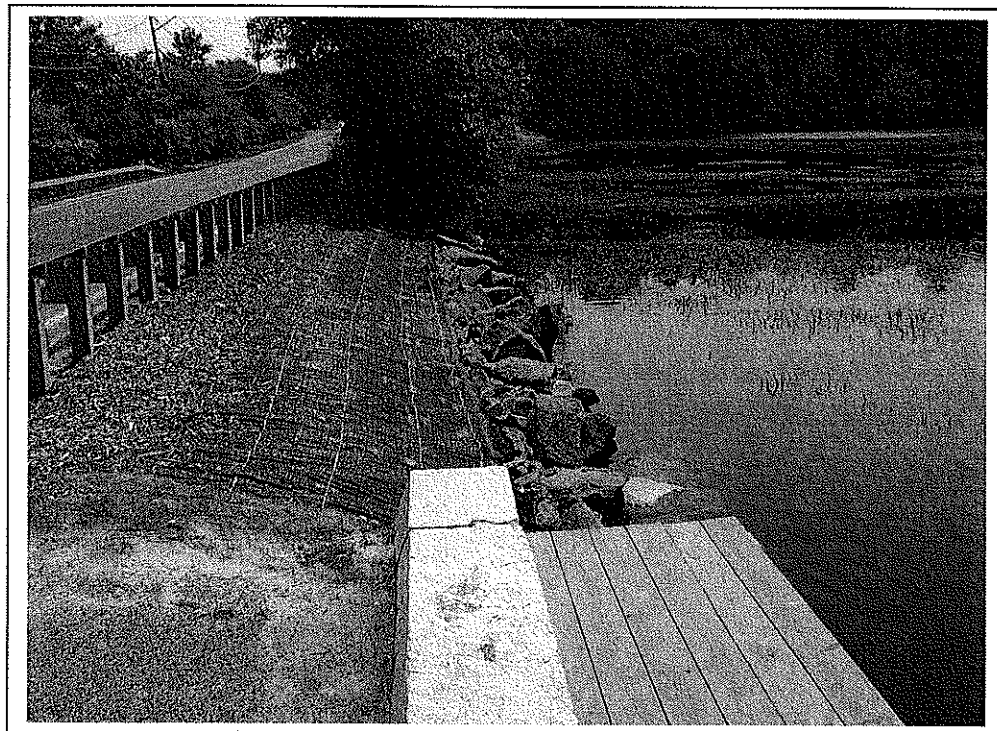


Photo 3. Spillway from Yaphank Lower Lake. Note; Deck structure and Aquatic plants.

From Question 4:

Preliminary List of plant Species from Upper and Lower Yaphank Lakes

Names in **BOLD** are State-Protected Species as per DEC

Native Plant Species Identified:

Scientific Name

Ceratophyllum demersum

Utricularia minor

Nuphar sp.

Common Name

coontail

lesser bladderwort

yellow water lily

Exotic Plant Species Identified:

Scientific Name

Cabomba caroliniana

Myriophyllum heterophyllum

Common Name

fanwort

variable watermilfoil

Upper Yaphank Lake

Native Plant Species Identified:

Scientific Name

Utricularia purpurea

Brasenia schreberi

Potamogeton epihydrus

Potamogeton pusillus

Utricularia minor

Nuphar sp.

Nymphoides cordata

Potamogeton natans

Potamogeton spirillus

Najas flexilis

***Hypericum* sp.**

Elodea Canadensis

Vallisneria americanum

Juncus sp.

***Hydrocotyle* sp.**

Ceratophyllum demersum

Lemna minor

Common Name

purple bladderwort

watershield

ribbon leaf pondweed

small pondweed

lesser bladderwort

yellow water lily

dwarf water lily

floating leafpondweed

spiral leafed pondweed

slender naiad

St. Johns wort

common waterwort

eelgrass

unidentified rush

water pennywort

coontail

lesser duckweed

Exotic Plant Species Identified:

Scientific Name

Cabomba caroliniana

Myriophyllum heterophyllum

Common Name

fanwort

variable watermilfoil

End of Text for Addendum No. Two