

November 6, 2023

To: Holders of Symphony Lake Dredging Bidding Documents

**Subject: Symphony Lake Dredging (22210081.000, GG-1188, CAT-6684)  
Addendum No. 1 to Bidding Documents**

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated October 17, 2023, as noted below. Acknowledge receipt of this document in the space provided in the Bid Form. Failure to do so may subject the Bidder to disqualification. This Addendum includes changes to the Project Manual, changes to the Drawings, answers to pre-bid meeting questions, pre-bid meeting attendee list, and additional documents for review and information purposes. Changes have been incorporated into the bid documents revised and dated 11/3/2023 and may be viewed electronically at: <http://townofcary.contractorsplanroom.com/>

**CHANGES AND CLARIFICATIONS TO PROJECT MANUAL:**

1. Due to the nature of this solicitation, we will waive the stipulation requirement from EJCDC Section 700 Article 6.02.A and Item 4 in the Bid Proposal Section 300 which requires at least half of the work is performed with contractor's employees. Therefore, you do not need to submit Statement of Compliance listed in Section 300, Page 3, Item 4.
2. The requirement to stop work when water is engaged on the spillway has been waived. Specification 21000-H Dredging, Dewatering, and Disposal has been revised to remove this requirement. Contractor shall inspect the turbidity curtain to verify it is functioning as intended. The Engineer and Owner reserve the right to stop work or request additional measures as needed to control sediment movement in the reservoir.
3. The Pre-bid meeting held on 11/1/23 was not mandatory.
4. Section 0300 "Bid Proposal" has been updated to include ground control matting and revised quantities for silt fence and tree protection fencing.
5. An additional specification section (Section 9000 "Greenway Construction") has been added.
6. In addition to the requirements listed in Section 20000 "Construction Traffic Control", the contractor will be required to submit a Traffic Control Plan that includes a narrative and drawings, as appropriate, indicating the details of planned traffic control measures. The plan shall address how signage, barricades, and other measures will be used to control traffic on Regency Parkway and how construction traffic will enter/exit the site at Regency Parkway. Details related to pedestrian traffic along/near Regency Parkway shall be included in the Traffic Control Plan.
7. Specification Section 21000-E has been updated to include ground protection matting.

8. As part of the Construction Facilities and Temporary Controls Plan required by specification Section 21000-E “Construction Facilities and Temporary Controls”, the Contractor shall include details related to means and methods of vehicular and pedestrian traffic control. Details should be provided on how construction traffic will enter/exit the site at Regency Parkway.
9. Section 22000 “Appendix” has been updated to include Schnabel's 2023 report “Alternatives Analysis – Symphony Lake Sedimentation Assessment and Dredging Plan”. This report includes the previously provided surveys and sediment sampling data. The entire report is being provided for additional context.

#### CHANGES AND CLARIFICATIONS TO DRAWINGS:

1. Ground protection matting has been added to sheet 5 (Drawing No. C-03)
2. Drawing details related to greenway have been added – see sheet 12 (Drawing No. C-10).

#### BID QUESTIONS AND ANSWERS:

1. To qualify for having a bid opened, who needs to hold a General Contractor's License?  
***Only the prime contractor is required to hold a General Contractors license. Due to the anticipated contract value, the license should be Unlimited per GS 87-10 a1. The General Contractor should be certified in Public Utilities, Excavation and Grading, or Marine Construction.***
2. Is there a requirement that the prime (licensed) general contractor perform the majority (e.g. >50%) of the work? How is this metric measured?  
***Due to the nature of this solicitation, we will waive the stipulation requirement from EJCDC Section 700 Article 6.02.A and Item 4 in the Bid Proposal Section 300 which requires at least half of the work is performed with contractor's employees. Therefore, you do not need to submit Statement of Compliance listed in Section 300, Page 3, Item 4.***
3. Are culverts required for the temporary stream crossing?  
***The contractor is responsible for the design of a temporary stream crossing sufficient to support the weight of trucks and equipment passing over the crossing, and capable of passing the two-year storm without overtopping. The stream crossing may consist of, but is not limited to, a riprap embankment with culvert pipes or a prefabricated bridge structure. The crossing shall be designed and sealed by a Professional Engineer. The contractor shall provide a submittal for approval by Schnabel (Engineer).***
4. Percent moisture testing is required for dredged sediment in order to characterize material condition going into trucks.
  - How frequently is testing required?  
***Sampling and testing should be performed every day that sediment is hauled from the dewatering area to the disposal site. A representative sample of solid shall be taken from every truck and mixed thoroughly. Three samples shall be taken for solids testing. See Section 21000-H paragraph 1.4.C for more details.***

- Is testing required by an offsite third-party laboratory, or is on-site testing adequate? **Offsite third-party laboratory**
  - What methodology is required for the on-site testing?  
**See answer above**
  - Why is the emphasis on percent moisture testing?  
**The material removed from the reservoir is expected to consist of solid particles and water. The proportion of water to solid particles will likely vary depending on the contractor's selected means and methods for dredging and dewatering. Percent Dry Solids refers to the proportion of the overall weight that is attributed to the solid particles after removing the weight contribution of water. Measuring sediment removed from the reservoir in terms of dry solids provides a method of measurement that is independent of dredging methods and dewatering effectiveness. Measuring this data throughout construction facilitates tracing of quantities of material dredged/transported for disposal.**
5. What is the definition of a dry ton per this project?  
**"Dry ton" is the selected unit of payment for sediment removal for this project. Dry ton is the weight of the solids.**
6. Who is responsible for weighing trucks?  
**The contractor is responsible for weighing trucks leaving the dredging site. The contractor shall provide a submittal including specifications for the scale being used prior to the removal of dredged sediment from the site for approval by Schnabel (Engineer).**
7. Is there any testing required at the disposal site (compaction, etc.)?  
**No testing is required at the disposal site.**
8. After dredging work is completed and demobilization starts, can the gravel used for the staging area and temporary stream crossing be disposed of at the dredge disposal site?  
**Yes, provided that there is at least 12 inches of dredge material above the gravel layer at final grading of the disposal site, as future plans involve planting at the disposal site. The disposal site should be graded, seeded and strawed.**
9. What Town Holidays occur during the construction window?
- **Monday, January 15**
  - **Friday, March 29**
  - **Monday, May 27**
  - **Wednesday, June 19**
10. Can you provide the original dive report at the outfall structure?  
**We do not have a written report. However, the diver reported four feet of sediment around the riser. In addition, form boards are present around the poured-in-place riser.**
11. Can the dredging be done via mechanical means?  
**Yes, The Town is leaving the means and methods of dredging up to the individual contractor.**

12. What happens if it starts raining and doesn't stop since spec says can't work if water goes over spillway? Abnormal rainfall?

***Specification 21000-H Dredging, Dewatering, and Disposal has been revised to remove this requirement. Contractor shall inspect the turbidity curtain to verify it is functioning as intended. The Engineer and Owner reserve the right to stop work or request additional measures as needed to control sediment movement in the reservoir.***

13. What is the turbidity sampling frequency and method?

***No turbidity sampling is required at this time. The Owner and Engineer reserve the right to request turbidity testing if it appears sediment is not adequately being contained in the dredging area.***

14. If the contractor installs and maintains ground protection matting and damage occurs to the sewer, who is responsible for repairs?

***As long as the matting meets the project specifications, is installed properly, is maintained throughout construction, and there is no sign of negligence on the contractor, the contractor will not be responsible.***

15. Will you publish the sign-in sheet?

***Yes, it is included as an attachment to this Addendum.***

16. Can the bids be mailed in? Yes, the address for shipping via FedEx/UPS/Courier is:

***Town of Cary-Stormwater***

***316 N. Academy Street***

***Cary, NC 27513***

***Attn: Eric Kulz (919)462-3931***

***If you send in your bid via mail and want to join the meeting, please use the following***

***Teams option to join the meeting (please join ~ 10 minutes prior to ensure you can connect)***

**Join on your computer, mobile app or room device**

**[Click here to join the meeting](#)**

Meeting ID: 222 560 001 80

Passcode: zKTYnT

[Download Teams](#) | [Join on the web](#)

**Or call in (audio only)**

+1 347-966-8462,,568767534# United States, New York City

Phone Conference ID: 568 767 534#

[Find a local number](#) | [Reset PIN](#)

[Learn More](#) | [Meeting options](#)

17. Where will the in person bid opening be held?

**316 N. Academy St, Cary, NC 27513 in Conference Room 21275. Please enter the Public Entrance on the South side of the building (see map below) and check-in at the desk.**

**Note: this will take a few minutes. Ask to get your bid envelope stamped while at the**



18. Please create a separate drawings/references document(s) from the other bid documents.

**Please see current set of bid documents in Contractors Plan Room.**

19. Please create separate line items for the hydraulic and mechanical dredging operations (12,400 cu yds) and the Hauling/Disposal (6,500 dry ton).

**Please see current set of bid documents in Contractors Plan Room.**

20. Please provide pond section and station views with sludge volumes/depths and limits/extends of dredging

**Please see current set of bid documents in Contractors Plan Room. The 2023 Schnabel report which has been added to the Project Manual in Section 22000 "Appendix" as part of this addendum, contains section view drawings through the proposed dredging area.**

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21. Also since the questions are due by 11/6 I'd request/propose we get a full 2 weeks to finalize the bids from there and have the bid due 11/20.

***Due to time constraints, we are unable to delay the bid opening.***

22. I'd Like to meet you onsite to look at this project together. Is that possible?

***No, the pre-bid meeting was Wednesday, November 1 at 1:30, per the instructions to bid.***

23. Is there a water source near the laydown/staging area that would be at least 100 psi @ 100 gpm or similar? Hydrant?

***There is a fire hydrant in the back of 11000 Regency Pkwy owned by the Town of Cary. However, it is on private property. Arrangements will need to be made with the property owner and Town of Cary Fire Department. If access is granted by the property owner, a meter box will need to be installed by the Town of Cary on the hydrant. No hydraulic data is available on the hydrant.***

24. Is there a 3 phase power source near the laydown/staging area? 3phase 480v 200 plus amps?

***Power will need to be up to the contractor. A source has not been provided.***

25. Can the filtrate be returned to the lake?

***Provide proper procedures are followed, yes.***

26. If the dredging timeline is in jeopardy of being fulfilled, what are the consequences or plan of action?

***Liquidated damages are \$600/day only for the dredging window of the project.***

27. Can the City open the dredging schedule to include Saturdays?

***Saturday dredging can be approved upon request on a week-to-week basis.***

28. Can we get a three weeks extension on this project?

***No. Due to time constraints The schedule is set.***

29. Can we get a sign in list of who was at the meeting?

***Yes, it is included as an attachment to this Addendum***

30. Is there an Engineers estimate or budget for this project.

***\$1M to \$3M***

31. What formwork is in place around the gate valve that needs to be removed? Can you provide a report or photos from the last dive inspection?

***We do are not aware of any photos of the formwork, but only reports made during a dive inspection that there was evidence of what appeared to be formwork left in place which may impact the operability of the valve. The Record Drawings of the dam, riser structure, and gate valve are included in Section 22000.***

32. Can you provide the list of Town Holidays that we will not be allowed to perform work during?

***Monday, January 15***

***Friday, March 29***

***Monday, May 27***

***Wednesday, June 19***



33. How many soil samples do we have to tested per day for percent dry solids when hauling material to disposal site? Is testing to be done on site by the contractor or sent to a third-party laboratory?  
***Sampling and testing should be performed every day that sediment is hauled from the dewatering area to the disposal site. A representative sample of solid shall be taken from every truck and mixed thoroughly. Three samples shall be taken for solids testing. See Section 21000-H paragraph 1.4.C for more details. Testing is to be performed by an offsite third-party laboratory.***
34. If the sanitary sewer is damaged during the project and the contractor had installed the specified matting and did not do anything negligent that would have caused damage, will the contractor be responsible for repairing the Sanitary Sewer?  
***As long as the matting meets the project specifications, is installed properly, is maintained throughout construction, and there is no sign of negligence on the contractor, the contractor will not be responsible.***
35. Trees/woody vegetation removed from clearing the LOD, Can these be disposed at 4900 West Lake Road?  
***No.***
36. Can the bid due date be extended?  
***Due to time constraints, we are unable to delay the bid opening.***
37. 04000-2 N. Basis of Payment for cubic yardage refers to the Prismatic Method. Since there are no cubic yardage payment items, is this applicable?  
***Section 04000, Part 2.N does not apply. Payment for Earthwork activities is covered under "05000 Asphalt Concrete", "16000 Soil Erosion and Sedimentation Control", 21000-D Mobilization and Demobilization, and "21000-H Dredging, Dewatering, and Disposal". This is noted in Section 04000 Part 1, B.***
38. Is city water and/or hydrant available for use in the vicinity of the dewatering area?  
***There is a fire hydrant in the back of 11000 Regency Pkwy owned by the Town of Cary. However, it is on private property. Arrangements will need to be made with the property owner and Town of Cary Fire Department. If access is granted by the property owner, a meter box will need to be installed by the Town of Cary on the hydrant. No hydraulic data is available on the hydrant.***
39. Are the work hours the same at the disposal facility as at the lake?  
***Work hours are 7 am to 6pm M-F.***
40. What permits will be required by the Contractor (if any)  
***Permits will be secured by Cary and the Engineer.***
41. Can you provide us with contact information for Williams Companies, the air bridge designer/supplier?  
***Available Williams Company Info is included in Section 22000 (Appendix) of the Project Manual. No other information is available. Contractor will be responsible for coordinating with Williams Companies.***
42. If dry tons are the basis of payment for Dredging, Dewatering and Disposal, what is the purpose of the bathymetric study?  
***The bathymetric study at the completion of the project is intended to serve as confirmation that sediment and debris was removed from the specified dredging areas.***

43. We would like to make a return visit with a boat to gain further understanding of the sediment.

***We are not going to be able to allow potential bidders to take samples. See the 2023 Schnabel report “Alternatives Analysis – Symphony Lake Sedimentation Assessment and Dredging Plan” which is included in the Project Manual in Section 22000 (“Appendix”) for physical and chemical lab test data on sediment samples from Symphony Lake.***

**ATTACHMENTS:**

1. Pre-bid Meeting Attendee List



**Symphony Lake Dredging  
PRE-BID MEETING ATTENDEE LIST  
November 1, 2023, 1:30 PM**

<b>Company</b>	<b>Name</b>	<b>Phone(s)</b>	<b>Email</b>
Eagle Dynamic Solutions	Matt Cawley	843-655-8736	<a href="mailto:Mcawley@eagledynamicsolutions.com">Mcawley@eagledynamicsolutions.com</a>
Merrell Bros Inc.	Dustin Smith	765-438-3152	<a href="mailto:dustin@merrellbros.com">dustin@merrellbros.com</a>
McQueen Const. Inc.	Jay Duffina	919-697-6090	<a href="mailto:Jayduffina@gmail.com">Jayduffina@gmail.com</a>
H.G. Reynolds Co. Inc.	Bert Long	252-492-3071	<a href="mailto:blong@hgreynolds.net">blong@hgreynolds.net</a>
Dragonfly Pond Works	Ryan Bush	919-373-1445	<a href="mailto:Ryanbush@dragonflypondworks.com">Ryanbush@dragonflypondworks.com</a>
Dragonfly Pond Works	Orion Harrell	843-852-8082	<a href="mailto:orion@dragonflypondworks.com">orion@dragonflypondworks.com</a>
Justin West Contracting	Justin West	919-820-0082	<a href="mailto:justinwestcontracting@gmail.com">justinwestcontracting@gmail.com</a>
H&H Enterprises of Knighdale	Henry Hardy	919-422-9390	<a href="mailto:hhenterprisesofknightdale@gmail.com">hhenterprisesofknightdale@gmail.com</a>
Noble Environmental	Chris Louman	412-613-3735	<a href="mailto:clouman@nobleenviro.com">clouman@nobleenviro.com</a>
Crofton Construction	Steve Cunningham	757-418-1054	<a href="mailto:scunning@crofton.com">scunning@crofton.com</a>
Sea & Shoreline	Brian Henry	704-747-7369	<a href="mailto:Brian@seaandshoreline.com">Brian@seaandshoreline.com</a>
Synagro	Lane Chilton	252-808-575	<a href="mailto:Lchilton@synagro.com">Lchilton@synagro.com</a>
Bio-Nomic SVS	Joel Coert	704-904-9704	<a href="mailto:jcoert@bio-nomic.com">jcoert@bio-nomic.com</a>
GFL Environmental	Levi Reznikov	904-610-0147	<a href="mailto:Lreznikov@gflenv.com">Lreznikov@gflenv.com</a>
Dragonfly Pond Works	Andrew Kosydar	984-222-9338	<a href="mailto:Andrew@dragonflypondworks.com">Andrew@dragonflypondworks.com</a>
Dragonfly Pond Works	Tony Block	919-548-4121	<a href="mailto:Tony@dragonflypondworks.com">Tony@dragonflypondworks.com</a>

**Symphony Lake Dredging  
PRE-BID MEETING ATTENDEE LIST  
November 1, 2023, 1:30 PM**

Company	Name	Phone(s)	Email
Eagle Dynamic Solutions	Matt McAuley	843-655-8736	mcauley@eagledynamicsolutions.com
MERRELL BROS INC.	DUSTIN SMITH	765-438-3152	dustin@merrellbros.com
McQueen Coast Inc	Jay Duffin	919-697-6090	Jayduffin@gmail.com
H.G. Reynolds Co. Inc.	Bert Long	252-492-3071	blong@hgrehnolds.net
Dragonfly Pond Works	Ryan Bush	919-357-1445	Ryanbush@dragonflypondworks.com
Dragonfly Pond Works	Orion Harrell	843-852-8082	orion@dragonflypondworks.com
Justin West Contracting	Justin West	919-820-0082	justinwestcontracting@gmail.com
H/H Enterprises of Knightdale	Henry Hardy	919-422-9390	hhen enterprises of knightdale@gmail.com
Noble Environmental	Chris Cowman	412-613-3735	ccowman@nobleenv.com
Crofton Construction	Steve Cunningham	757-418-1054	scunning@crofton.com
SEA & SHORELINE	BRYAN HEIN	704-747-7369	BRYAN@SEAANDSHORELINE.COM
SYNAGRO	Lane Chilton	252-808-5751	lchilton@synagro.com
Bio-Nomic SVS	Joel Coert	704-904-9704	jcoert@bio-nomic.com
GFL Environmental	Levi Reznikov	904-610-0147	lreznikov@gflenv.com
Dragonfly Pond Works	Andrew Kasyda	984-222-9338	Andrew@Dragonflypondworks.com
DRAGONFLY POND WORKS	TONY BLACK	919-548-6621	tony@dragonflypondworks.com