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DATE: FEBRUARY 15, 2018

ADDENDUM NO.: 1

BID NO.: FWC 17/18-71C

BID TITLE: KARICK LAKE AQUATIC HABITAT
ENHANCEMENT

UPDATE: CHANGES TO BID CALENDAR AND PLANS /
QUESTIONS & ANSWERS

The enclosed addendum has been issued for consideration in the preparation of your response to the Florida Fish and Wildlife Conservation Commission's (FWC) Solicitation No. FWC 17/18-71C "Invitation to Bid (ITB) for Karick Lake Aquatic Habitat Enhancement."

All responses to the subject solicitation must be received no later than 3:30 P.M. (ET) on Tuesday, February 27, 2018 (per Addendum No. 1, Item #1). A response received after the exact time specified will not be considered. Failure to file a protest within the time prescribed in Section 120.57(3), Florida Statutes, or failure to post the bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceedings under Chapter 120, Florida Statutes (F.S.). Written notices, formal requests and proceedings must conform with the requirements set forth in Chapter 28-110, Florida Administrative Code (F.A.C.). Protests must be filed with the Purchasing Office, Fish and Wildlife Conservation Commission, Suite 100, 2590 Executive Center Circle, Tallahassee, Florida 32301 within the time prescribed in Section 120.57(3), Florida Statutes and Chapter 28-110, Florida Administrative Code.

Sincerely,

Ruth Heggen

Ruth Heggen
FWC Procurement Manager

ADDENDUM NO. 1

Item #1: CHANGES TO CALENDAR OF EVENTS

The Sealed Bids Due and Public Opening Date is hereby changed from **February 20, 2018 at 3:30 PM to February 27, 2018 at 3:30 PM.**

The Anticipated Date of Intended Award is hereby changed from **February 21, 2018 to March 1, 2018.**

The **Invitation to Bid Calendar of Events** is hereby replaced with the following:

SCHEDULE	DUE DATE	METHOD
Bid Advertised	January 19, 2018	Posted on the Vendor Bid System: http://vbs.dms.state.fl.us/vbs/main_menu
NON-MANDATORY Pre-Bid Conference	January 25, 2018 @ 11:00 AM CST	See Pre-Bid Conference Clause
Deadline for Questions	Must be received PRIOR to: February 12, 2018 @ 5:00 p.m.	See Deadline for Questions Clause
Anticipated date for Responses to Written Questions	February 15, 2018	Posted on the Vendor Bid System: http://vbs.dms.state.fl.us/vbs/main_menu
SEALED BIDS DUE AND OPENED (REMEMBER: Bid Number should be clearly marked on envelope)	Must be received PRIOR to: February 27, 2018 @ 3:30 PM EST	Submit BEFORE the due date and time to the following address: Florida Fish & Wildlife Conservation Commission Attn: Purchasing 2590 Executive Center Circle East Suite 100 Tallahassee, Florida 32301
Anticipated Date of Intended Award	March 1, 2018	Posted on the Vendor Bid System: http://vbs.dms.state.fl.us/vbs/main_menu

Item #2: CHANGE TO PRICE SHEET

The Price Sheet, Attachment E, is hereby deleted in its entirety and replaced with the **Revised Price Sheet, Attachment E-1**, which has been uploaded separately to the Vendor Bid System.

Item #3: REVISED DRAWING

Plan C500 is hereby replaced with Revised Plan C500, which has been uploaded to the FTP site.

Item #4: Questions and Answers

- Question #1: The specification precludes any hydraulic dredging on the Karick Lake Project. This would eliminate not only ours but other companies that perform hydraulic dredging to perform this work. In limiting competition, it drives up the price. Let me assure you the mechanical method is outdated and expensive. If someone believes hydraulic dredging would endanger the fish habitat they are mistaken. I have never seen a single fish come through the pipeline on a hydraulic dredging project in the last 30 years.
- I respectfully request that you entertain bids from hydraulic dredging contractors.
- Answer #1: **We do not have a suitable nearby site to construct a confined disposal facility needed for the hydraulic dredging. Therefore, hydraulic dredging is not an option in the case of Karick Lake.**
- Question #2: Has an estimated start date been established?
- Answer #2: **First week of March 2018.**
- Question #3: **Plan C-310** - Why does the plan show more material to be removed compared to the quantity on the bid sheet?
- Answer #3: **The quantity in the bid sheet is not correct. The correct quantity is 47,559 CY. A revised Attachment-E, Price Sheet is included in this Addendum.**
- Question #4: **Plan C-500** - 2ft max disposal area or can we put more than a 2ft lift?
- Answer #4: **Correct the Note to state "STACK MUCK/SEDIMENT IN AT A MAX OF 3 FEET HIGH AND TILL INTO EXISTING MATERIAL AND GRADE". Revised Plan C-500 is included in this Addendum.**
- Question #5: The entire lake is to be cleared of mulk and sediment and other ares is to be excavated for mineral soils and control flow?
- Answer #5: **Yes, as shown on the plans.**
- Question #6: **Plan C-510** -The timber is to be removed by others, but will they leave the stumps remaining?
- Answer #6: **No, stumps will be taken out.**
- Question #7: Can the remaining vegetation be burned on site in the disposal area?
- Answer #7: **We do not have Division of Forestry permission to perform any burning. Therefore, burning anywhere will not be allowed.**

Question #8: Will we be able to close both entrances of the lake for security reasons (pedestrian safety)?

Answer #8: **Yes, the selected contractor will be able to close both entrances of the lake for security reasons.**

Question #9: **Spec page 33 1.06** - Will clearing & grubbing be allowed to be hauled to disposal site or will clearing & grubbing be hauled off-site at contractor expense?

Answer #9: **Clearing and grubbing will be allowed to be hauled to the disposal site(s).**

Question #10: **Spec 35 para. F** - Will we only need to haul off-site waste, trash, debris? Then the surplus and unsuitable soil be hauled to disposal site?

Answer #10: **Yes.**

Question #11: If excavated mineral soil is not adequate to back-fill the new mineral soil in the habitat enhancement area will we be allowed to over excavate the mineral soil area to meet the field area or will we need to haul material in from off-site borrow pit?

Answer #11: **If, with the proper testing, it is shown that excavated mineral soil is not adequate to back-fill in the habitat enhancement area, an over excavation of the mineral soil area will be allowed to meet the specified habitat enhancement area.**

Question #12: How many gradation tests will be needed?

Answer #12: **One gradation test prior to delivery, as material is received on-site there should be visual confirmation that the material meets specifications and is consistent with the pre-delivery information that was provided. In the event that the delivered material is inconsistent with the material that was tested additional tests will be required as necessary.**

Question #13: How many proctors will be needed for each lift?

Answer #13: **The Contractor shall test the Compacted Select Fill within the embankment for in-place density and moisture content at the rate of at least one test for every 1,000 cubic yards or once per lift, whichever is the highest test frequency for the earthen embankment.**

Question #14: How are we going to be able to build all the habitat structures if Zone B is not awarded as an alternate bid item? Zone B should be a base bid item.

Answer #14: **Habitat structure locations will be adjusted to be in Zone A, if Zone B will not be part of the work.**

Question #15: Can the bidders be provided with the design Autocad File? Typically, with lump sum earthwork quantities of this order of magnitude, the bidders will have the opportunity to verify quantities using Autocad.

Answer #15: There are no lump sum earthwork. All earthwork quantities are identified in Attachment-E, Price Sheet. Selected Contractor will be provided the AutoCAD files.

Question #16: Are the estimated quantities of muck and mineral soil to be re-located given as bank/in-situ quantities?

Answer #16: Yes.

Question #17: If the actual muck quantities (as confirmed by post-construction topographic survey) vary from the quantities identified in the bid documents how will it be handled, given the contract type is lump sum?

Answer #17: The Contract is a lump sum, but the earthwork quantities are identified in Attachment-E, Price Sheet. The contract total can be easily adjusted with Change Orders.

Question #18: If the actual cut-to-fill quantities for mineral soil to be moved within the lake bottom (as confirmed by post-construction topographic survey) vary from the quantities identified in the bid documents how will it be handled, given the contract type is lump sum?

Answer #18: See Answer to Question #17.

Question #19: Can the pre-bid meeting attendance list be provided to bidders?

Answer #19: A copy of the Sign-In Sheet has been uploaded as a separate document in the Vendor Bid System.

Question #20: Please confirm that Karick Lake will remain drained until construction of the project begins.

Answer #20: Yes, Karick Lake will remain drained until construction of the project begins.

Question #21: Who will make the onsite classification of muck, and determine when a sufficient depth of muck has been removed?

Answer #21: A soil scientist hired by the contractor and approved by the Commission. Such soil scientist will document his findings with the proper reporting.

Question #22: Are the estimated muck depths on Sheet C-200 considered to be the contract requirement for muck removal? If so, will interpolation between points be used to determine the contract muck removal depth, or will it be a subjective interpretation by an inspector in between sediment sampling locations? In many areas, the samplings are several hundred feet apart and muck depth could vary significantly between sampling points.

Answer #22: **Muck depths on Sheet C-200 are the best information available to the Commission. Muck depths between points will be a subjective interpretation by the soil scientist mentioned in Answer #21.**

Question #23: What is the submerged cable laying on lake bottom at SS26 on Sheet C-200 and how is it to be handled?

Answer #23: **The nature of the cable is not known. The Contractor shall determine the type and owner of the cable/utility and handle it according to the owner's requirements.**

Question #24: Is it the intent of the contract documents to remove all stumps in the lake bottom or just re-locate the loose downed timber to the fish attractors? Many massive stumps remain in the lake bottom and will require significantly more effort to remove and re-locate than just re-locating the loose timber to the fish attractors.

Answer #24: **No, standing timber that does not impede excavation is to be left standing in the lakebed. Fish attractors will be made from loose timber re-located from excavation areas.**

Question #25: If there is a sufficient quantity of down timber to build all 4 fish attractors, and an excess of down timber remains on the lake bottom after all fish attractors are completed, what is the Owner's expectation for the remaining timber and stumps? Can they remain on the lake bottom in the vicinity of where they originally laid after muck removal is complete?

Answer #25: **See Answer to Question #24.**

Question #26: Does the Owner have an estimated start date for construction?

Answer #26: **See Answer to Question #2.**

Question #27: Can the dirt road which is a northerly extension of the North Karick Lake Campground road be used as a haul road to access Hwy. 189 to minimize impact to the paved road and bridges?

Answer #27: **Yes, however it must be restored to preconstruction conditions when the project is complete.**

Question #28: Are the two bridges and their approaches along the North Karick Lake Campground road structurally capable of supporting fully loaded dump trucks over an extended period of time?

Answer #28: The Contractor shall confirm the load capacities and structural capability of these structures by contacting the owner and requesting the design loads and parameters. The Contractor shall repair to as good or better condition any damages to the roads, bridges or associated structures caused by construction related activities. The roads are believed to be owned by the Florida Forest Service.

Question #29: Is the South Karick Lake Campground Road structurally capable of withstanding many fully loaded dump truck trips?

Answer #29: See Answer to Question #28.

Question #30: What specific rock material is required to meet the 6" to 8" aggregate size shown on the detail on sheet C510 of the construction plans?

Answer #30: Material used for low-water crossing fill shall be clean, washed material and shall not be contaminated with vegetation, garbage, trash, tires, hazardous, toxic waste or other materials that are not suitable for low-water crossing construction within waters of the State as determined by the Florida Department of Environmental Protection. At least 30 days before rock is delivered from other than designated sources, the contractor shall designate in writing the source from which rock material will be obtained and provide information satisfactory to the Engineer that the material meets contract requirements.

Question #31: What is an acceptable gravel material to be used for the gravel beds identified on sheet C300 of the construction plans?

Answer #31: See Answer to Question #30.

Question #32: Is the 150 calendar day contract term for Base Bid work only?

Answer #32: It is for Base Bid and Added Alternates. If no Added Alternates selected, it still will be 150 calendar days.

Question #33: Will additional calendar days be added to the contract term if the Additive Alternate Bids are selected?

Answer #33: See Answer to Question #32.

Question #34: Is work allowed on Saturdays to make up for lost time due to weather or other circumstances?

Answer #34: Yes.

Question #35: Will the Base Survey as shown on the drawings by Southeastern Surveying and Mapping Corporation dated 11/8/2016 be provided in electronic form to the contractor to calculate excavation quantities from the As-Built Survey?

Answer #35: Yes.

Question #36: The quantity of mineral soils to be placed in habitat enhancement areas in Bid Item No. 8 exceeds the quantity of mineral soils to be excavated in Bid Item No. 7. The quantity of material to be excavated from the channel in Bid Item No. 6 is equal to the quantity that Bid Item No. 8 exceeds Bid Item No. 7. Is the material excavated in Bid Item No. 6 considered to be "mineral soils" suitable for placement in the habitat enhancement areas?

Answer #36: Yes.

Question #37: Proposed muck removal from the lake bottom is separated into two separate bid line items; Priority Zone A and Priority Zone B. Priority Zone B is listed on the bid form as a Bid Alternate (Additive Alternate B). If Additive Alternate B is not accepted, it will be impossible to construct Base Bid Items 6, 7, 8, & 9. What is the Owner's expectation for the base bid if additive alternate B is not accepted? Most of the mineral soil excavation and fish attractor construction takes place in Muck Removal Priority Zone B and if zone B muck is not removed the base bid items cannot be included. Please review and advise.

Answer #37: See Answer to Questions #12 & #14.

Question #38: Without having access to the road along the gas easement where the wetland crossing is to be constructed, we do not know for sure if the gravel/dirt road is accessible by trucks, dump trucks or heavy equipment. Is the road accessible for access to the limits of construction by trucks and equipment without any improvements being made, and are we responsible for improvements to the road for accessibility or repairs to the road after completion of work due to access to the work site?

Answer #38: Contractor will be responsible for improvements to the road for accessibility or repairs to the road after completion of work due to access to the work site.

- Question #39: Are the paved roads to North and South Karick Lake Campground areas to be used as haul routes in this project structurally sound enough to withstand a significant amount of heavy loaded dump trucks? It is our understanding that some of the roads are not constructed with structural asphalt but rather cold mix asphalt that may fail at some point during steady truck use during this process. Since the existing roads may not be constructed of structural compacted asphalt, will additional compensation to the contractor be offered for repair of these roads which may not be structurally sound enough to withstand the loads?
- Answer #39: **No additional compensation to the Contractor will be offered for repair of roads which may not be structurally sound enough to withstand the loads.**
- Question #40: Please provide the pre-bid attendance list.
- Answer #40: **A copy of the Sign-In Sheet has been uploaded as a separate document in the Vendor Bid System.**
- Question #41: Regarding the shell/gravel beds, what are acceptable materials? Is #57 limestone an acceptable material to construct the beds?
- Answer #41: **#57 limestone or limerock is acceptable, we are looking for material that is approximately ¾”.**
- Question #42: What are the dimensions of the gravel beds to be constructed?
- Answer #42: **Gravel bed dimensions vary, but the standard size will be 60’ x 60’ gravel should be poured approximately 4” deep for the entire area of each gravel bed.**
- Question #43: What are the dimensions of the timber fish attractors to be constructed?
- Answer #43: **60’ x 60’ and about 3’ beneath the surface.**
- Question #44: The lake is currently nearly dry. If additional dewatering is required, where should we discharge the water?
- Answer #44: **Downstream of the principle spillway.**
- Question #45: What is keeping the lake from filling in with water at this point?
- Answer #45: **The drain gate on the principle spillway is open.**
- Question #46: Should we expect the lake to be dry, as is now, at the time of construction?
- Answer #46: **It depends on the weather conditions. Keeping the drain gate in the principle spillway open is in our control and we will keep it open until the project is complete.**

Question #47: Is the contractor responsible for rehydrating/filling the lake back up? If so, by what means?

Answer #47: No.

Question #48: What is the intent regarding excavation, tree, and stump removal? Are the standing trees and stumps within the lake footprint to be removed?

Answer #48: See Answer to Question #24.

Question #49: Regarding borrow pit areas for material placement, will the tree removal and preparation of these areas be done by others prior to contractor's mobilization?

Answer #49: Yes.

Question #50: Regarding the contractor's staging area noted on the North and South side of the lake, will these areas be cleared and prepared prior to the contractor's arrival?

Answer #50: Clearing and preparing for staging areas noted on the North and South side of the lake, will be done by the Contractor.

Question#51: Given the sloped lake bed, is silt fencing required in the lake excavation area?

Answer #51: No.

Question #52: What are the capacities of the small bridges as noted on the haul route on sheet C310?

Answer #52: See Answer to Question #28.

Question #53: Regarding the timber dock, is any pile testing required?

Answer #53: Pile embedment depth and driving parameters included in the design drawings were based on recommendations provided in the geotechnical investigation report prepared specifically for this project. No additional pile testing services are required provided the installation meets the intent of the design drawings.

Question #54: Should the quantity on bid item 7 & 8 be the same? (excavate & move material onsite within the lake boundary?)

Answer #54: Adding the quantity in Item 6 to the quantity in Item 7 will equal the quantity in Item 8.

Question #55: Should the quantity on bid item 5 & additive alternate bid item B be the same?

Answer #55: See Answer to Question #3.

Question #56: Army Corps of Engineers permit indicates two large silt fence areas on sheet C500. What are these areas?

Answer #56: **Those were areas considered for disposal early on, but no longer.**

Question #57: On page 2 it talks about prequalification to submit a bid. From what I am reading, I need to send (i) and (ii) to DMS no later than 5 calendar days prior to bid date to prequalify. Then it talks about "Other Prequalification Requirements" It says additional prequalification MAY BE REQUESTED and these requirements may be set forth in the Special Terms and Conditions. QUESTION: Can you tell me what is needed to just bid the project?

Answer #57: **To demonstrate prequalification for this bid, the Bidder should include a copy of the letter confirming prequalification with DMS with their bid.**

Question #58: How many originals and how many copies do you require for bid documents?

Answer #58: **One original bid is required. No additional copies are needed.**

END OF ADDENDUM NO. 1

