



The Water Cooperative of Central Florida
Wednesday, May 5, 2021
2:00 PM - 3:00 PM
Toho Administration Building
951 MLK Boulevard
Kissimmee, FL 34741

For everyone's safety, in-person public access to this Regular Water Cooperative of Central Florida Board Meeting will be limited. This meeting will also be available virtually.

The Water Cooperative of Central Florida (WCCF) Board of Supervisors will hold a regular Board meeting at 2 p.m. on Wednesday, May 5, 2021.

Due to social distancing practices in response to the COVID-19 pandemic, limited seating will be available for the public. Social distancing and safety measures will be enforced. Safety measures include face coverings and temperature checks, both of which are required to enter the Toho Water Administration Building. Facial coverings will be required at all times, with the exception of when an individual is at the podium addressing the Board or while seated on the dais. Board Room audience seating will be limited to approximately twelve socially distanced seats. Public seating in the Board Room will be subject to reservations made at least 24-hours in advance of the meeting, with additional seating available in the lobby on a first-come, first-serve basis. Those wishing to request a reservation for in-person attendance at the Board meeting, please email a request to tohoattend@tohowater.com with your name and phone number or contact and leave a message with Elise Porter at (407-944-5130).

Additional seating shall be subject to approved capacity. In addition to in-person attendance, members of the public may also attend this meeting by telephone or virtually through the Internet. Those attending in-person who wish to address the Board must submit a completed Hear the Audience Form. For members of the public participating by phone or Internet, an opportunity to be heard will be provided during the Hear the Audience comment portion of the meeting.

Those interested in attending by phone can do so by dialing 1-650-429-3300 then entering the access code: 132 796 0973 #.

Instructions to attend via the Internet shall be as set forth below:

Please join the meeting by clicking the following link:

[Join meeting](#)

More ways to join:

Join from the meeting link

<https://tohowater.webex.com/tohowater/j.php?MTID=me4407558ef3dcc69bff7cdbb83d83d9b>

Join by meeting number

Meeting number (access code): 132 796 0973

Meeting password: jhH5XhDd8p7

Tap to join from a mobile device (attendees only)

[+1-650-429-3300](tel:+1-650-429-3300), [1327960973##](tel:+1-650-429-3300) Call-in toll number (US/Canada)

Join by phone

+1-650-429-3300 Call-in toll number (US/Canada)

[Global call-in numbers](#)

Join from a video system or application

Dial [1323173212@tohowater.webex.com](tel:1323173212)

You can also dial 173.243.2.68 and enter your meeting number.

Join using Microsoft Lync or Microsoft Skype for Business

Dial [1323173212.tohowater@lync.webex.com](tel:1323173212)



The Water Cooperative of Central Florida
Wednesday, May 5, 2021
2:00 PM - 3:00 PM
Toho Administration Building
951 MLK Boulevard
Kissimmee, FL 34741

Meeting Agenda

ITEMS FOR BOARD ACTION:

1. APPROVAL OF THE BOARD MEETING MINUTES FROM JANUARY 20, 2021 (MCARDELLE)
2. APPROVAL OF REIMBURSEMENT OF EXPENDITURES TO DATE BY TOHO WATER AUTHORITY ON BEHALF OF THE WATER COOPERATIVE OF CENTRAL FLORIDA (GREEN)
3. CYPRESS LAKE UPDATE (BEATTY)
4. APPROVAL OF THE PREQUALIFICATIONS OF WELL DRILLERS TO BID PRODUCTION WELL CONSTRUCTION SERVICES FOR THE CYPRESS LAKE ALTERNATAIVE WATER SUPPLY (AWS) PROJECT (BEATTY)

BOARD MEMBER ANNOUNCEMENTS

NEXT BOARD MEETING IS SCHEDULED FOR WEDNESDAY, JULY 7, 2021

ADJOURNMENT

WATER CO-OPERATIVE OF CENTRAL FLORIDA

Meeting Date: May 5, 2021	Agenda Item No. 1
Attachments: Minutes from January 20, 2021	
Title: APPROVAL OF THE WCCF MEETING MINUTES OF JANUARY 20, 2021	
Explanation: At every Board meeting, both taped and typed minutes are prepared of the proceedings. Attached are the typed minutes from the January 20, 2021 Board meeting.	
Costs: None	
Recommendation: Staff recommends approval of the meeting minutes from January 20, 2021	
Initials: ep	



Minutes from the January 20, 2021 meeting of the Water Cooperative of Central Florida

Description: Regular meeting of the Water Cooperative of Central Florida (WCCF). Present at the meeting were Polk County Commissioner Neil Combee, Orange County Commissioner Nicole Wilson (attended by phone), Toho Water Authority Chairman Hector Lizasuain, City of St. Cloud Commissioner Linette Matheny Toho Water Authority Executive Director Todd P. Swingle, Silvia Alderman, WCCF Counsel, Toho Water General Counsel Anthony J. Cotter, and Toho Water Paralegal Kimberly S. Cundiff.

Mr. Swingle opened the meeting at 2:00 pm.

Item Number	Item Name	Notes
1.	Re-election of Board members.	Introduction of Board members and new Board member Commissioner Nicole Wilson and new Board member Commissioner Combee. WCCF Attorney Alderman provided an outline regarding the ability for Commissioner Wilson to participate by phone, noting it requires an in-person quorum and that a quorum was present. The Board found extenuating circumstances related to COVID-19 existed. Motion by Commissioner Combee to allow Commissioner Wilson to participate in the meeting and vote by phone, which was seconded by Supervisor Lizasuain. Motion passed unanimously of the three members present. WCCF Board held election for Board members. Motion made by Supervisor Lizasuain, and seconded by Commissioner Combee for Commissioner Matheny to serve as Chair. Motion passed unanimously (4-0). Commissioner Matheny assumed the gavel. Commissioner Matheny called for nomination of a Vice-Chair. Motion made by Supervisor Lizasuain and seconded by Commissioner Combee for Commissioner Wilson to serve as Vice Chair. Motion passed unanimously. Motion made by Commissioner Matheny for Supervisor Lizasuain to serve as Secretary. Motion seconded by Commissioner Combee. Motion passed unanimously.
2.	Approval of Board meeting minutes from October 7, 2020. (McArdelle)	Motion to approve Board minutes made by Supervisor Lizasuain. Motion seconded by Commissioner Combee. Motion passed unanimously.

3.	Approval of reimbursement of expenditures to date by TOHO Water Authority on behalf of the Water Cooperative of Central Florida. (Green)	Motion for approval made by Commissioner Combee, and seconded by Commissioner Matheny. Motion passed unanimously without discussion by the Board.
4.	Cypress Lake update (Beatty)	Executive Director Swingle made a presentation providing an update to the Cypress Lake AWS project. The presentation outlined the technical overview and costs in meeting growth demands and outlined project allocation between Toho, Orange County, City of St. Cloud, Polk County and RCID. Executive Director Swingle outlined the Interlocal Agreement between WCCF members and RCID, including amendments. Executive Director Swingle addressed the Cypress Lake AWS Activities.
5.	Water Wheeling Infrastructure Agreement update (Beatty)	Executive Director Swingle provided a presentation regarding the Cypress Lake AWS Water Wheeling Cost-Share Agreement. The presentation outlined the need for the wheeling infrastructure for transmission of Cypress Lake AWS to WCCF members and RCID. Executive Director Swingle provided a brief overview of the Wheeling Agreement including the Agreement's components, which include components for the master agreement, provisions for withdrawal from the Agreement, and sub-agreements for individual projects. Executive Director Swingle advised that the draft agreements may be presented to the WCCF Board members individual Boards for review and approval prior to the next WCCF Board meeting.
6.	CFWI Rule Overview (Swingle)	Consultant Brian Megic and WCCF Attorney Alderman provided an overview of the CFWI Rule, which included technical and legal perspectives. Attorney Alderman discussed the CFWI and Rule background and legislative assessments. Mr. Megic discussed the significant effect of the proposed CFWI Rule on the Central Florida Utilities and the WCCF. The Water conservation goal was discussed in addition to groundwater allocation restrictions. Mr. Megic outlined WCCF's involvement in the Rule process through both the STOPR Group and STOPR+2 Group. Attorney Alderman discussed the present rulemaking timeline. No discussion by the Board.
7.	Board member announcements.	No meeting announcements.
8.	Next Board meeting scheduled for April 7, 2021.	Board meeting dates have been established, but may be changed.

There being no further business to come before the Board, Commissioner Combee moved to adjourn the meeting, which was adjourned at 3:07PM.

Chair, Linette Matheny

Hector Lizasuain, Secretary

Ksc

WATER CO-OPERATIVE OF CENTRAL FLORIDA

Meeting Date: May 5, 2021

Agenda Item No. 2

Attachments: Itemized list of expenditures by Toho Water Authority from December 8, 2020 to April 5, 2021

Title: APPROVAL OF REIMBURSEMENT OF EXPENDITURES TO DATE BY TOHO WATER AUTHORITY ON BEHALF OF THE WATER COOPERATIVE OF CENTRAL FLORIDA

Explanation:

The Board of Supervisors adopted a Resolution at the October 2, 2013 meeting authorizing the reimbursement of expenses incurred by Toho Water Authority (TWA) on behalf of the Water Coop on a quarterly basis. The Resolution allows the Authority to submit a detailed list of expenses incurred each quarter to the Board for approval for reimbursement. Under the Resolution, the TWA could be reimbursed quarterly during the year instead of once annually as was done for the previous fiscal year. The attached list of expenditures, made to date by TWA on behalf of the Water Cooperative, is being submitted for approval for reimbursement.

Amount to be reimbursed: \$21,734.65

Recommendation: Staff recommends approval of the list of expenditures submitted to date for reimbursement to the TWA.

Initials: asg

Attachment to Item 2

Toho Water Authority List of Expenditures on behalf of the Water Cooperative of Central Florida (December 8, 2020 – April 5, 2021)

Vendor	Date	Invoice	Amount	Explanation
Osceola Sentinel	12/8/2020	CU00017532 6833043	110.00	2021 meeting schedule
Osceola News Gazette	12/10/2020	266782	31.65	2021 meeting schedule
The Ledger	12/11/2020	1043582	150.50	2021 meeting schedule
Akerman LLP	1/6/2021	9634346	9,230.00	0263348 - CFWI representation
Akerman LLP	2/3/2021	9642735	5,095.00	0263348 - CFWI representation
Akerman LLP	2/3/2021	9642738	942.50	0292530 - general representation
Akerman LLP	3/4/2021	9651874	5,232.50	0263348 - CFWI representation
Akerman LLP	4/5/2021	9660092	585.00	0263348 - CFWI representation
Akerman LLP	4/5/2021	9660095	357.50	0292530 - general representation
Water Cooperative Total			\$21,734.65	
				asg

WATER CO-OPERATIVE OF CENTRAL FLORIDA

Meeting Date: May 5, 2021

Agenda Item No. **3**

Attachments: None

Title: CYPRESS LAKE ALTERNATIVE WATER SUPPLY PROJECT UPDATE

Explanation:

Deborah Beatty, Toho Project Manager for the Cypress Lake Alternative Water Supply Project, and Kevin Friedman with Tetra Tech, will provide a brief update on the project history and the status of the project progress since the January 20, 2021 Water Cooperative Board meeting. Included will be a summary of the Concentrate Disposal Well Construction and next steps for Concentrate Disposal Management Planning; Final Design of the Water Treatment Plant, Wellfield, and Raw Water Mains; and Land Acquisition activities.

Costs: None at this time

Recommendation: No action required by the Board

Initials: dab

WATER CO-OPERATIVE OF CENTRAL FLORIDA

Meeting Date: May 5, 2021

Agenda Item No. 4

Attachments: Letter of Recommendation and Presentation Update

Title: APPROVAL OF THE PREQUALIFICATION OF WELL DRILLERS TO BID PRODUCTION WELL CONSTRUCTION SERVICES FOR THE CYPRESS LAKE ALTERNATIVE WATER SUPPLY (AWS) PROJECT

Explanation:

TWA is requesting the Water Cooperative of Central Florida (WCCF) Board of Supervisors approve the prequalification of qualified Well Drilling Companies to bid production well construction services for the Cypress Lake Alternative Water Supply (AWS) Project.

On August 5, 2020, the WCCF Board of Supervisors approved the Fourth Amendment to the Cypress Lake Interlocal Agreement which established a budget of \$7,410,000 for consulting services for the Cypress Lake Wellfield, Raw Water Main, and Water Treatment Plant for the final design, permitting and bidding; preparation and submittal of the Cypress Lake Water Use Permit (WUP) initial 10-year report; and funding for the update of the Cypress Lake water wheeling infrastructure hydraulic model and related infrastructure cost estimates. The final design permitting and bidding services are for the first phase of the project which will provide 15 to 17 MGD of finished water when constructed; included are services for the preparation of construction documents for production (supply) wells and the evaluation of qualifications of well drillers.

Because the brackish water production wells are drilled into the lower Floridan aquifer, the wells are deeper and construction is more complex than shallower fresh water wells drilled into the upper Floridan aquifer. To ensure well drillers bidding the production well projects have experience in deep well drilling, prequalification of the bidders was deemed essential to the success of the work. Therefore, a Request for Qualification was publicly issued by Toho Water Authority on February 24, 2021. Statements of Qualifications from four drilling companies were received and all of the respondents met the prequalification criteria for bidding of the production wells. The companies are listed below:

Prequalified Well Drillers
Applied Drilling Engineering, Inc.
A.C. Schultes of Florida, Inc.
Florida Design Drilling Corporation
Southeast Drilling Services, Inc.

Experience requirements necessary to prequalify included construction of similar deep lower Floridan wells by each respondent Company and their proposed project team. Also required was proof of each company's ability to bond and insure the work. The

attached Letter of Recommendation details each respondent's qualifications. Prequalifying all of the qualified respondent drillers ensures competitive bidding of the production well projects.

The Cypress Lake AWS Project has received \$3.0M in grant funding from the South Florida Water Management District for the construction of three Production Wells in addition to \$2.556M grant funding for the Concentrate Disposal Well, currently in construction. The \$3.0M grant funding can be utilized to offset up to 50% of the cost of construction of three production wells; however, the wells must be constructed by the grant funding deadline of November, 2024. To meet the grant funding deadline, the design of the three wells has commenced and is 90% complete. The 90% documents have been reviewed by the project participants and updates based on the team's comments are being incorporated into the construction documents in preparation for bidding. The first phase of the project will require six wells to be drilled; the additional wells will be constructed at a later date.

Construction services for the first three production wells will be bid upon acquisition of the well sites, with property acquisition negotiations to begin within the next several months. The Board will be updated on the status of the property acquisition at subsequent WCCF Board meetings. To ensure wells are constructed by the November 2024 grant deadline, Toho has agreed to fund the construction with reimbursement of the expenditure via a future Interlocal Agreement amendment.

Costs: None

Recommendation: TWA as project administrator, with the concurrence of participating WCCF utility staff, recommends the Water Cooperative Board of Supervisors approve the prequalification of the qualified well drillers for the construction of production (supply) wells for the Cypress Lake Alternative Water Supply Project.

Initials: dab



April 26, 2021

Ms. Deborah Beatty, P.E.
Toho Water Authority
951 Martin Luther King Blvd., 3rd Floor
Kissimmee, Florida 34741

**Subject: Prequalification of Companies to Bid Construction Services for the
Cypress Lake Wellfield Production Wells – RFQu-21-037
Contractor Prequalification Recommendation for Construction Services**

Tt # 200-08466-20037

Dear Ms. Beatty:

This letter provides our recommendation for construction services prequalification for the Water Cooperative of Central Florida (Cooperative) Cypress Lake Wellfield Production Wells Project. On March 25, 2021, the four (4) Contractors listed below submitted statement of qualifications (SOQs) for the subject project:

- A.C. Schultes of Florida, Inc.
- Applied Drilling Engineering, Inc.
- Florida Design Drilling Corporation, and
- Southeast Drilling Services, Inc.

Evaluation of the Contractor SOQs included review of the submitted information to determine that the minimum level of responsiveness was met regarding experience, capabilities, and qualifications as required by the Request for Qualifications (RFQu-21-037) solicitation. Requests for additional information were made of all of the Contractors, which responses for all were received by the deadline of April 14, 2021. Attached to this letter is a checklist identifying the minimum requirements of the RFQ solicitation and indication of the supporting documentation submitted by each Contractor. A summary of each Contractor SOQ submittal is provided herein.

A.C. Schultes of Florida, Inc. Review of A.C. Schultes' SOQ submittal revealed **satisfactory** responsiveness to the RFQ.

- ✓ A.C. Schultes complied with requirements of the Letter of Interest, Understanding of Services and General Information.
- ✓ A.C. Schultes demonstrated the ability of their key/lead staff to complete the project under this RFQ. Additional qualifications of the Project Superintendent are required of paragraph D.3 as addressed below.
- ✓ A.C. Schultes' Project Experience Form included five (5) Lower Floridan aquifer well projects constructed from 2015 to 2021 demonstrating 5.5 years of company experience in construction of large diameter Floridan aquifer production well projects. Based on A.C. Schultes' date of incorporation, they have conducted business in Florida for 18 years. The years of experience demonstrated by A.C. Schultes complies with the intent of the RFQ.

Tetra Tech, Inc.

201 E. Pine Street, Suite 1000, Orlando, FL 32801
Tel 407.839.3955 Fax 407.839.3790 www.tetrattech.com

- ✓ A.C. Schultes' Project Reference Forms identified three (3) Lower Floridan aquifer well projects with a total of six (6) wells. Their Project Experience Form identifies five (5) Lower Floridan aquifer projects with a total of 10 large diameter wells. A.C. Schultes' SOQ complies with the minimum number of completed Lower Floridan aquifer wells required of the RFQ.
- ✓ The resume and experience of the Project Superintendent (Greg Schultes) shows information demonstrating minimum experience requirements of the RFQ with four (4) Lower Floridan aquifer projects with a total of nine (9) Lower Floridan aquifer wells.
- ✓ A.C. Schultes has the appropriate licensure to perform the services required of the project.
- ✓ A.C. Schultes demonstrated the ability to comply with the project insurance requirements.
- ✓ A.C. Schultes demonstrated that the company officers haven't conducted business with TWA through another company, nor did the company reorganize or file for bankruptcy in the last 10 years.
- ✓ A.C. Schultes noted that their 2020 audited financials are not completed as of the date of the submittal. However, they have submitted financial reports for the years 2017, 2018, and 2019. A.C. Schultes complies with the intent of the RFQ.

Applied Drilling Engineering, Inc. Review of Applied Drilling's SOQ submittal revealed **satisfactory** responsiveness to the RFQ.

- ✓ Applied Drilling complied with requirements of the Letter of Interest, Understanding of Services and General Information.
- ✓ Applied Drilling demonstrated the ability of their key/lead staff to complete the project under this RFQ. Additional qualifications of the Project Superintendent are required of paragraph D.3 as addressed below.
- ✓ Applied Drilling's Project Experience Form included construction of large diameter well projects constructed dating back to 2012, demonstrating 8.5 years of company experience in large diameter Floridan aquifer production wells. Based on Applied Drilling's date of incorporation, they have been conducting business in Florida for 14 years. The years of experience demonstrated by Applied Drilling complies with the intent of the RFQ.
- ✓ Applied Drilling's Project Reference Form included one (1) Lower Floridan aquifer well project, which consisted of converting two (2) Upper Floridan aquifer wells to Lower Floridan aquifer wells. The remaining seven (7) projects were large diameter Upper Floridan aquifer well projects. Additional Project Experience Form and Project Reference Form were provided by Applied Drilling in response to request for additional information. They included four (4) Class I Injection Well projects and five (5) Class V ASR well projects, of which three were provided on the original form. Only two (2) of the Class I Injection well projects could be considered Lower Floridan aquifer projects. Applied Drilling has shown experience with three (3) Lower Floridan aquifer projects with a total of four (4) wells, which generally complies with the intent of the RFQ.

- ✓ The two Project Experience Forms submitted by Applied Drilling demonstrate that the Project Superintendent generally has the minimum requirements for Lower Floridan aquifer wells.
- ✓ Project references were provided meeting the intent of the RFQ.
- ✓ Applied Drilling has the appropriate licensure to perform the services required of the project.
- ✓ Applied Drilling demonstrated the ability to comply with the project insurance requirements.
- ✓ Applied Drilling demonstrated that the company hasn't reorganized or filed for bankruptcy in the last 10 years.
- ✓ Annual financial reports were noted as submitted in a separate envelope; this information was not provided for review.

Florida Design Drilling Corporation Review of Florida Design Drilling's SOQ submittal revealed **satisfactory** responsiveness to the RFQ.

- ✓ Florida Design complied with requirements of the Letter of Interest, Understanding of Services and General Information.
- ✓ Florida Design demonstrated the ability of the proposed key/lead staff to complete the project under this RFQ. Additional qualifications of the Project Superintendent are required of paragraph D.3 as addressed below.
- ✓ Florida Design's Project Experience Form included construction of large diameter well projects constructed dating back to 2018, demonstrating 3 years of company experience in large diameter Floridan aquifer well projects. Based on Florida Design's date of incorporation, they have been conducting business in Florida for 16 years. The years of experience demonstrated by Florida Design complies with the intent of the RFQ.
- ✓ Florida Design's Project Reference Form included construction of two (2) FDEP Class I UIC injection well projects completed in the last 3-years and one (1) Lower Floridan aquifer well project that included two (2) wells with total drilled depths of 3,000 feet. The Project Experience Form has two (2) additional Lower Floridan aquifer well projects with a total of three (3) wells. Florida Design also included additional project descriptions in their supplemental Project Experience References that include an additional ten (10) Lower Floridan aquifer well projects. The projects presented in the SOQ demonstrate that Florida Design complies with the intent of the RFQ.
- ✓ The Project Superintendent's resume meets the requirement of the RFQ.
- ✓ Project references were provided meeting the intent of the RFQ.
- ✓ Florida Design has the appropriate licensure to perform the services required of the project.
- ✓ Florida Design demonstrated the ability to comply with the project insurance requirements.

- ✓ Florida Design demonstrated that the company officers haven't conducted business with TWA through another company, nor did the company reorganize or file for bankruptcy in the last 10 years.
- ✓ Annual financial Reports were noted as submitted. This information was provided for review.

Southeast Drilling Services, Inc. Review of Southeast Drilling's SOQ submittal revealed **satisfactory** responsiveness to the RFQ.

- ✓ Southeast Drilling complied with requirements of the Letter of Interest, Understanding of Services and General Information.
- ✓ Southeast Drilling demonstrated the ability of their key/lead staff to complete the project under this RFQ. Additional qualifications of the Project Superintendent are required of paragraph D.3 as addressed below.
- ✓ Southeast Drilling's Project Experience Form submitted included construction of large diameter well projects constructed dating back to 2013, demonstrating 8 years of company experience in large diameter Floridan aquifer well projects. Based on Southeast Drilling's date of incorporation, they have conducted business in Florida for 26 years. The years of experience demonstrated by Southeast Drilling complies with the intent of the RFQ.
- ✓ Southeast Drilling's Project Reference Form identified three (3) Lower Floridan aquifer projects that had a total of five (5) wells. The projects presented in the SOQ demonstrate that Southeast Drilling complies with the intent of the RFQ.
- ✓ The Project Superintendent resume complies with the intent of the RFQ.
- ✓ Project references were provided meeting the intent of the RFQ.
- ✓ Southeast Drilling has the appropriate licensure to perform the services required of the project.
- ✓ Southeast Drilling demonstrated the ability to comply with the project insurance requirements.
- ✓ Southeast Drilling demonstrated that the company officers haven't conducted business with TWA through another company, nor did the company reorganize or file bankruptcy in the last 10 years.
- Southeast Drilling acknowledged the confidentiality of their company's financial information; therefore, the annual financial reports for the last three (3) years were not submitted. They noted that should Southeast Drilling be considered low bid on the future project, financials can be provided and reviewed in person with the presence of a Southeast Drilling Services representative.



Ms. Deborah Beatty
Toho Water Authority
April 26, 2021
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Based on meeting the requirements of the RFQ solicitation, Tetra Tech recommends that A.C. Schultes of Florida, Inc.; Applied Drilling Engineering, Inc.; Florida Design Drilling Corporation; and Southeast Drilling Services, Inc. be prequalified for construction of the Cypress Lake Wellfield Production Wells Project. These contractors exhibit the qualifications and experience necessary to complete the services included in the RFQ solicitation.

Should you require further information or have questions, please do not hesitate to contact us at your earliest convenience.

Very truly yours,

Tetra Tech

A handwritten signature in blue ink, appearing to read 'K. Friedman', with a horizontal line extending to the right.

Kevin Friedman, P.E.
Project Manager

KMF/ab/Construction/BidSupport/C-1-Wellfield/Prequal Well Driller Recommendation Rev3.doc

Attachments

Prequalification of Companies to Bid Construction Services for the
Cypress Lake Wellfield Production Wells
Statement of Qualifications Review

		A.C. Schultes of Florida, Inc.		Applied Drilling Engineering, Inc.		Florida Design Drilling Corporation		Southeast Drilling Services, Inc.	
		Submitted	Meets Criteria	Submitted	Meets Criteria	Submitted	Meets Criteria	Submitted	Meets Criteria
Prequalification Requirements									
A.	Letter of Interest								
	Letter of Interest	✓	✓	✓	✓	✓	✓	✓	✓
B.	General Information								
	a. Company Name	✓	✓	✓	✓	✓	✓	✓	✓
	b. Mailing Address	✓	✓	✓	✓	✓	✓	✓	✓
	c. Physical Address	✓	✓	✓	✓	✓	✓	✓	✓
	d. Contact Name and Title	✓	✓	✓	✓	✓	✓	✓	✓
	e. Telephone Number	✓	✓	✓	✓	✓	✓	✓	✓
	f. Email Address	✓	✓	✓	✓	✓	✓	✓	✓
	g. Business Classification	✓	✓	✓	✓	✓	✓	✓	✓
	h. If a Corporation, State where incorporated and date of incorporation	✓	✓	✓	✓	✓	✓	✓	✓
	i. Title and name of company principals	✓	✓	✓	✓	✓	✓	✓	✓
	j. Number of years your organization has been operating under your present business name	✓	✓	✓	✓	✓	✓	✓	✓
	k. IRS EIN	✓	✓	✓	✓	✓	✓	✓	✓
	l. Previous business names of your organization, if applicable.	1	NA	1	NA	1	NA	1	NA
	m. Note: If the company officers have conducted business with TWA through another company, list the company and projects.	✓	✓	✓	✓	✓	✓	✓	✓
C.	Company and Staff Credentials, Qualifications & Resumes								
C.1	Include office location(s) where work under this contract will be performed, corporate qualifications, demonstration of adequate staffing, and technical capabilities to fulfill all services required to successfully accomplish the work.	✓	✓	✓	✓	✓	✓	✓	✓
	a. Proof of Florida licensure by the Water Management District as a well drilling contractor.	✓	✓	✓	✓	✓	✓	✓	✓
C.2	Demonstrate that the key/lead team members meet all qualifications necessary to complete work associated with the assignment. Provide resumes containing sufficient information to evaluate the ability and experience of each key/lead team member that could provide services under the contract. Include resumes for the following team members at a minimum: project manager, site superintendent(s), driller, & geophysical logger.	✓	✓	✓	✓	✓	✓	✓	✓
	a. Clearly define and describe role, responsibilities, qualifications, and licensure of each staff member that would provide services under the contract.	✓	✓	✓	✓	✓	✓	✓	✓
	b. References for the project manager and site superintendent.	✓	2	✓	2	✓	2	✓	2
D.	Minimum Experience and Self-Performance Requirements								
D.1	The Contractor shall demonstrate a minimum of 10 years of company experience in construction of large diameter Floridan aquifer production well projects. Summary of experience shall be provided using the <u>Project Experience Form</u> provided herein. Owners and/or project oversight representatives may be contacted in the evaluation process.	5.5 yr on Form	✓	8.5 yr on Form	✓	3 yr on Form	✓	8 yr on Form	✓
D.2	The Contractor shall identify a minimum of five (5) deep Lower Floridan aquifer well reference projects completed by the company within the last 10 years. The referenced projects shall demonstrate the types of experience required for this project, which shall include: well construction, geophysical logging, video logging, step drawdown testing, constant rate discharge testing, plumbness and alignment testing, drill stem testing, and water quality sampling shall be provided using the <u>Project Reference Form</u> provided herein. Owners and/or project oversight representatives may be contacted in the evaluation process.	3 LFA Projects 6 wells	✓	3 LFA Projects 4 wells	✓	3 LFA Projects 5 wells	✓	5 LFA Projects 8 wells	✓
D.3	The Contractor shall provide the resume of the proposed project Superintendent. The resume shall demonstrate that the Superintendent has a minimum of 5 consecutive years of experience in the construction of large diameter Floridan aquifer production wells and has been directly responsible for the construction and testing of at least five (5) Lower Floridan aquifer production wells. The Superintendent will be required to be present during critical times when construction work is being performed, such as geophysical logging, casing installation, casing cementing, and aquifer performance testing or as determined by the Engineer.	✓	✓	✓	✓	✓	✓	✓	✓
D.4	The Contractor shall provide a statement that their company will perform at least 80-percent of the work with their own forces.	✓	✓	✓	✓	✓	✓	✓	✓
D.5	The Contractor shall list all equipment proposed for this project, and equipment that will be leased for this project.	✓	✓	✓	✓	✓	✓	✓	✓
E.	Insurance, Bonding & Licenses								
E.1	Provide your company's Experience Modification Rate for each of the prior three (3) years.	✓	✓	✓	✓	✓	✓	✓	✓
E.2	Provide proof of the ability to obtain and maintain the following minimum Insurance requirements (additional requirements, such as Broad Form Property Damage Coverage, Contractual Liability Coverage, etc. may be required):								
	a. Worker's Compensation Insurance: \$1,000,000 per occurrence.	✓	✓	✓	✓	✓	✓	✓	✓

Prequalification of Companies to Bid Construction Services for the
Cypress Lake Wellfield Production Wells
Statement of Qualifications Review

		A.C. Schultes of Florida, Inc.		Applied Drilling Engineering, Inc.		Florida Design Drilling Corporation		Southeast Drilling Services, Inc.	
		Submitted	Meets Criteria	Submitted	Meets Criteria	Submitted	Meets Criteria	Submitted	Meets Criteria
b.	Public Liability and Property Insurance.	✓	✓	✓	✓	✓	✓	✓	✓
c.	Comprehensive General \$1,000,000 each (\$2,000,000 aggregate). Liability Coverages, Bodily Injury occurrence and Property Damage combined Single Limit.	✓	✓	✓	✓	✓	✓	✓	✓
d.	Automobile Liability Coverage: \$1,000,000 each Bodily Injury & Property Damage Occurrence, Combined Single Limit.	✓	✓	✓	✓	✓	✓	✓	✓
e.	Excess Liability, Umbrella Form: \$2,000,000 Combined Single Limit Insurance clause for both Bodily Injury and Property Damage.	✓	✓	✓	✓	✓	✓	✓	✓
f.	All Builders Risk Coverage. Contractor will provide coverage if their company is the successful bidder for the project, and if requested.	✓	✓	✓	✓	✓	✓	✓	✓
E.3	Bonds: Attach a letter from your bonding company verifying your bonding capacity (minimum \$5,000,000 required).	✓	✓	✓	✓	✓	✓	✓	✓
E.4	Licenses: Provide the following documentation.								
a.	Copies of all local, state, or federal licenses that your organization holds.	✓	✓	✓	✓	✓	✓	✓	✓
b.	Proof of licensure by a Water Management District as a well drilling contractor.	✓	✓	✓	✓	✓	✓	✓	✓
F. Felony Conviction, Litigation, Performance, & Financial Stability									
F.1	If your organization has ever been convicted of a felony, or has felony charges pending, in any state within the last 3 years from the date of prequalification submittal, disclose all material facts pertaining to any such felony conviction or any such pending felony charges against (a) your organization, (b) any business entity related to or affiliated with your organization, or (c) any present or former executive employee, officer, director, shareholder (owning twenty percent [20%] or more of the outstanding shares), partner, or owner of your organization or of any such related or affiliated entity.	NO		NO		NO		NO	
F.2	Within the last 5 years, have any claims arising from or relating to a contract or subcontract been made against your organization or any officer or partner of your organization which resulted in litigation or arbitration? If so, the Contractor (or nominated subcontractor) shall attach a description of each claim, the amount of the claim, the parties involved, and the settlement amount or award.	NO		NO		NO		NO	
F.3	Within the last 5 years, has your organization or any officer or partner of your organization made any claims arising from or relating to a contract or subcontract which resulted in litigation or arbitration? If so, the Contractor (or nominated Subcontractor) shall attach a description of each claim, the amount of the claim, the parties involved, and the settlement amount or award.	NO		NO		NO		NO	
F.4	Provide a summary and disposition of individual cases of litigation, judgments and/or legal actions, entered by or against any local, state, federal government, public or private entity, by any state or federal court, during the past ten (10) years. In addition to litigation information, address the following questions:	NO		NO		NO		NO	
a.	Has your Company or any of your Company's affiliates (as defined in F.S. 337.165(1)(a)) ever been barred or suspended from bidding or contracting on any public contract(s)?	NO		NO		NO		NO	
b.	Have you ever abandoned a job, been terminated, or had a performance/surety bond called to complete a job?	NO		NO		NO		NO	
c.	Has your organization ever filed suit or a formal claim against a project owner (prime or subcontractor)?	NO		NO		NO		NO	
d.	Has a project owner ever withheld liquidated damages from your final payment for failure to complete a contract on time?	NO		NO		NO		NO	
F.5	Financial Stability								
a.	It is essential that the Responder clearly demonstrate their Company's financial stability. Provide your Company's Annual Financial Report for the last three years; the report may be submitted in a separate envelope and remain confidential (only one copy is required).	✓	3	✓	3	✓	3	1	
b.	If the company reorganized (i.e., changed name) or filed for bankruptcy protection in the past ten (10) years, describe prior projects and impact from reorganization and/or bankruptcy.	✓	✓	✓	✓	✓	✓	✓	✓
G. Conflict of Interest Statement									
a.	Provide a conflict of interest statement.	✓	✓	✓	✓	✓	✓	✓	✓

Notes

Criteria not met.

NA - Not applicable.

(1) No information submitted.

(2) Project references provided (not team member references).

(3) Not reviewed.



Cypress Lake AWS

Water Treatment Plant, Wellfield & Raw Water Main

Project Update



May 05, 2021



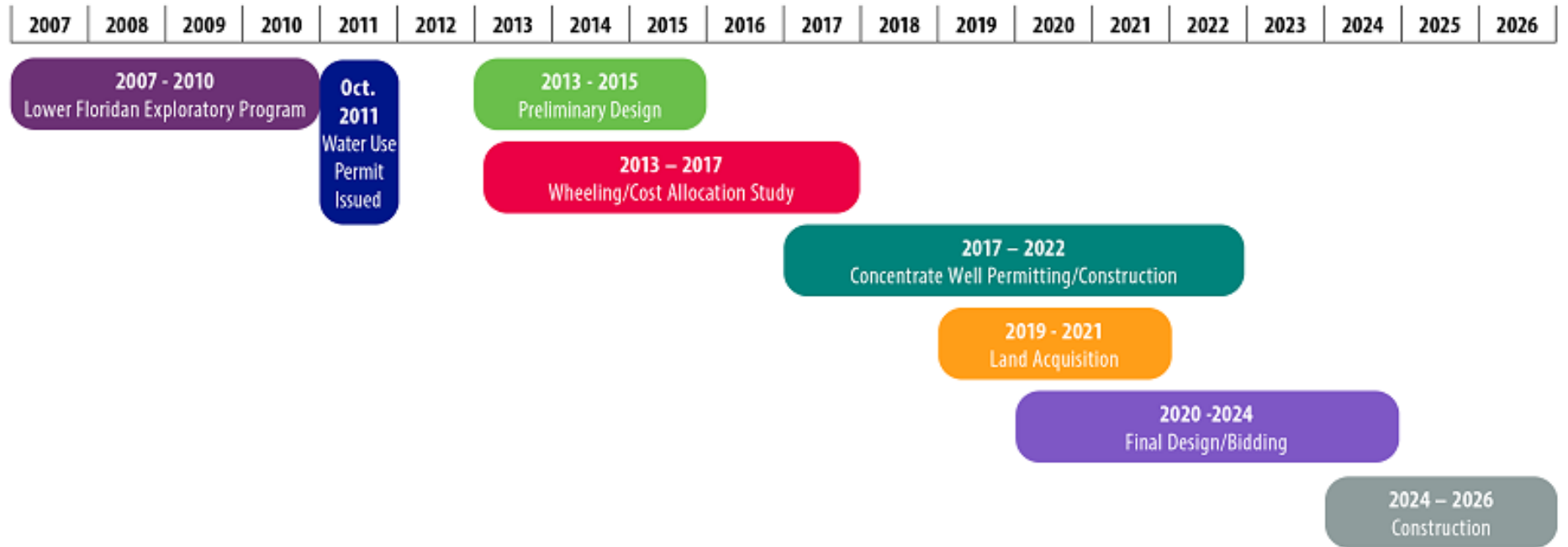
Project Allocation

- Ultimate capacity – 30 MGD allocated* as follows:

• Toho Water Authority	12 MGD (40%)
• Orange County	9 MGD (30%)
• City of St. Cloud	5 MGD (16.67%)
• Polk County	3 MGD (10%)
• Reedy Creek Improvement District	1 MGD (3.33%)

*Additional recovered water beyond 30 MGD will be allocated by agreement

Project Time Line





Cypress Lake AWS Activities

- Concentrate Disposal Well (CDW) Construction
 - Contract Award – November 18, 2020 (Youngquist Brothers Inc. (YBI))
 - NTP – January 11, 2021
 - Site Preparation and mobilization began on January 18, 2021
 - Drilling of the CDW began on March 18, 2021
 - Scheduled completion February, 2022
 - SFWMD \$2.556M Grant Funding for Construction if well completed before November, 2024



Cypress Lake AWS Activities

- Status of CDW WQCE – submitted May 23, 2019
 - Meeting with FDEP
 - WQCE remains under review – concern is Radionuclides
 - Fallback concentrate disposal options under consideration:
 - Testing during construction to determine if adequate confinement and TDS >10,000; these conditions eliminate need for WQCE
 - Radionuclide Removal Testing (bench testing underway)
 - East Osceola Well Siting Study (shallower injection zone; desktop study completed / route analysis underway)



Cypress Lake AWS Activities

- Final Design Services (4th Amendment) – Discrete Tasks Initiated:
 - 10-year WUP Monitoring Compliance Report (underway)
 - Due to SFWMD October, 2021
 - Prequalification of Production Well Drillers (completed; requesting approval of prequalified drillers)
 - SOQs received on March 25, 2021 /Letter of Recommendation attached to the agenda item
 - Design of 3 production wells – 90% complete
 - SFWMD \$3.0M Grant Funding for Construction if wells completed before Nov. 2024
 - Phasing Evaluation – complete
 - Provides flexibility to expand WTP incrementally (5 – 10 MGD) as capacity is needed by utilities
 - Update of 2014 Preliminary Design Report (underway)
- Update of the Water Wheeling Infrastructure modeling and CIP – proposal approved on April 14, 2021



Cypress Lake AWS Activities

- Total Available SFWMD Grant Funding:
 - \$2.556M for CDW + \$3.0M for PWs = \$5.556M
 - Construction must be complete by November, 2024
- Land Acquisition
 - Toho will proceed in advance of funding amendment
 - Acquisition of production well sites required to meet Grant Funding schedule
 - Appraisals have been updated; Toho to begin negotiations mid-2021

Questions?

