

CONSULTANT SERVICES AUTHORIZATION NO. 10
Palm Beach County Water Utilities Department
Contract for Consulting/Professional Services
Water Treatment and Water Resources Engineering Services
Resolution No. R2020-1719 Contract Dated November 17, 2020

Project Title: Western Region Consumptive Use Permit Renewal

PBCWUD Project No.: 23-040

Consultant: CDM Smith Inc.

Address: 621 NW 53rd Street, Suite 265, Boca Raton, Florida, 33487

Budget Line Item No.: 4001-720-2322-3120

District No.: 6

This Consultant Services Authorization provides for: CONSULTANT to assist with the application process that will provide the COUNTY with the water allocation to meet its future water needs.

(See **ATTACHMENT A** for detailed scope of services)

The Contract provides for 21.0% SBE participation, which includes 19.0% MBE participation, 19.0% MBE (B). This Consultant Services Authorization includes 45.96% overall participation which includes, 0.0% MBE participation, 0.0% MBE (B). The cumulative SBE participation, including this Consultant Services Authorization is 38.95%, which includes 15.90% MBE participation, 12.41% MBE (B), 3.49% MBE (A).

1. Services completed by the Consultant to date :
See ATTACHMENT B.
2. Consultant shall begin work upon receipt of Notice to Proceed correspondence.
3. The compensation to be paid to the Consultant for providing the requested services shall be:
 - A. Computation of time charges plus expenses, not to exceed \$284,660.60
 - B. Fixed price of \$0.00
 - C. Total \$284,660.60
4. This Authorization may be terminated by the County without cause or prior notice. In the event of termination not the fault of the Consultant, the Consultant shall be compensated for all services performed through the date of termination, together with reimbursable expenses (if applicable) then due.

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5. SBE participation is included in **ATTACHMENT C** under this Authorization. The attached Schedule 1 defines the SBE applied to this Authorization and Schedule 2 establishes the SBE contribution from each Sub-Consultant (Letter of Intent).
6. This Authorization does not amend, change, or modify the Contract dated November 17, 2020 which remains in full force and effect.
7. All Attachments to this Authorization are incorporated herein and made a part of this Consultant Services Authorization.

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IN WITNESS WHEREOF, this Authorization is accepted, subject to the terms, conditions and obligations of the aforementioned Contract.

PALM BEACH COUNTY, A POLITICAL SUBDIVISION OF THE STATE OF FLORIDA

Joseph Abruzzo, Clerk of the Circuit Court
& Comptroller, Palm Beach County

Palm Beach County, Board
of County Commissioners

ATTEST:

Signed: _____

NPB
KB

Signed: _____

Gregg K. Weiss, Mayor

Typed Name: _____

Deputy Clerk

(Date)

Approved as to Form and Legal
Sufficiency

Signed: _____

Typed Name: Michael W. Jones
County Attorney

CDM Smith Inc.
(Consultant)

Suzanne E. Mechler, P.E.
(Print Name)

(Signature)

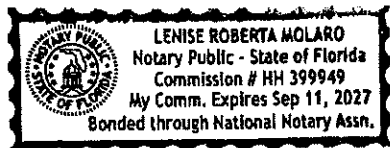
Vice President
(Title)

June 8, 2023
(Date)

STATE OF FLORIDA

COUNTY OF PALM BEACH

The foregoing instrument was acknowledged before me by means of physical presence or online notarization,
this 8 day of June, 2023, by SUZANNE MECHLER who is personally
known to me or has produced _____ as identification.



Lenise Molaro
(Signature of Notary Public - State of Florida)

(Print, Type, or Stamp Commissioned Name of Notary Public)



75 State Street, Suite 701
 Boston, Massachusetts 02109
 tel: 617 452-6000

CERTIFICATE

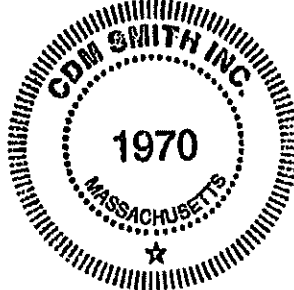
I, Paul T. Milligan, Secretary/Clerk of CDM Smith Inc., a Massachusetts corporation, do hereby certify that Suzanne E. Mechler holds the position of Client Service Leader, which entitles Ms. Mechler to execute and deliver proposals, contracts and agreements for the performance of professional services in the name and on behalf of CDM Smith Inc. Further, Ms. Mechler has the authority to execute and deliver proposals, contracts and agreements for the performance of professional services specifically for the project titled Palm Beach County Water Utilities Department (PBCWUD) Water Treatment and Water Resources Engineering Services, in Palm Beach County, Florida.

I further certify that the foregoing is consistent with the Contract Signing Authority Policy and with the By-laws of the said corporation.

IN WITNESS WHEREOF, I have executed this certificate and have caused the corporate seal of CDM Smith Inc. to be hereunder affixed on this 19th day of January, 2023.

Paul Milligan

Paul T. Milligan- Secretary/Clerk of the Corporation



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LIST OF ATTACHMENTS

ATTACHMENT A	Scope of Services
ATTACHMENT B	Summary and Status of Consultant Services Authorizations
ATTACHMENT C	OEBO Schedules 1 and 2
ATTACHMENT D	Project Schedule
ATTACHMENT E	Budget Summary
ATTACHMENT F	Summary of SBE-MBE Business Tracking
ATTACHMENT G	Location Map

Revised 12/20/2022

ATTACHMENT A

SCOPE OF SERVICES

PBCWUD Project No: 23-040

Project Title: Western Region Consumptive Use Permit Renewal

CONSULTANT (CDM Smith Inc.) shall perform:

PROJECT BACKGROUND

Palm Beach County Water Utilities Department (COUNTY) has retained the CONSULTANT to provide consulting/professional services on its Water Treatment and Water Resources systems. The COUNTY owns and operates five (5) water treatment plants and corresponding water supply wells. The wells supplying Water Treatment Plant No. 11 is permitted under Water Use Permit (WUP) WUP 50-06857-W, which expires on October 12, 2025. The Western Region groundwater is sourced entirely from Floridan Aquifer System (FAS), specifically, from the Upper Floridan Aquifer (UFA). The Western Region includes Water Treatment Plant No. 11 (WTP 11) and eleven (11) existing UFA wells.

The COUNTY desires the CONSULTANT to assist with the application process that will provide the COUNTY with the water allocation to meet its future water needs (projects).

The COUNTY understands that achieving its objectives in renewal/modification of its Consumptive Use Permit may require discussion and negotiation with South Florida Water Management District (SFWMD) personnel other than regulatory permitting staff, such as governance counsel and policy makers.

The CONSULTANT will be working with GMAWater, LLC, JLA Geosciences, Inc. (JLA), and Manson Bolves Donaldson Tanner PA to generate a permit application for the COUNTY to submit to South Florida Water Management District prior to October 12, 2025 and will attend meetings with the COUNTY and SFWMD.

The project encompasses permit application support for renewal/modification of the COUNTY's 20-year WUP 50-06857-W.

TASK 1 - PROJECT AND SUBCONTRACTOR MANAGEMENT

Project management includes activities related to initiating, planning, executing, controlling, and closing the project. Under this Task, the CONSULTANT will be responsible for overall coordination and oversight of the project execution. The CONSULTANT's Project Manager will be the primary point of contact with the COUNTY and will lead the CONSULTANT during the project execution, focusing on quality completion of the project tasks on schedule and budget.

The CONSULTANT will administer and manage each of the subcontractors and coordinate the actions required to implement the project's activities and tasks. The CONSULTANT will execute agreements with

each of the three (3) subcontractors that will include similar flow down terms and conditions as in the Agreement (prime agreement), including compliance with insurance requirements set by the COUNTY. The CONSULTANT will review and process payment to the subcontractors in a timely fashion. The CONSULTANT will hold periodic, progress status coordination calls with subcontractors to assist in maintaining project schedules. If appropriate, the CONSULTANT will maintain an internal Action Items list for following up with the various subcontractors and team members.

The CONSULTANT maintains a Quality Management System (QMS) on each project. CONSULTANT shall perform a technical review of the deliverables, in accordance with QMS, prior to transmitting them to the COUNTY.

Deliverable:

- a) Monthly invoice (application for payment) with project status report

TASK 2 – APPLICATION

SUBTASK 2.1 DATA COLLECTION AND COORDINATION

The anticipated scope of work includes coordination with project team and COUNTY staff on data required to complete water use permit application, including, but not limited to, per capita use rate, historical maximum to average monthly allocations, and individual well performance and water quality. Anticipated reports and data to be reviewed include:

- SFWMD permitted Water Use Permit allocations, historical water use, and projected use.
- Water quality.
- Historical and current well performance (review of data post-completion of the Raw Water Master Plan).
- Monitoring well water quality and water level data.

The CONSULTANT will obtain and assemble the necessary information as required to complete SFWMD Form 1379 Water Use Application 072014 and associated forms or their equivalents available through SFWMD's ePermitting system for an Individual Consumptive Use Permit. Data will be obtained from the COUNTY where appropriate. This will include specific information required for SFWMD Form 1379 (dated 2014/07) such as Supplemental E – Public Supply.

Deliverable:

- a) List of data used in a spread sheet.

SUBTASK 2.2 GROUNDWATER FLOW MODELING OF THE FLORIDAN AQUIFER SYSTEM

The CONSULTANT will update existing AquiferWin32 analytical model of the FAS previously prepared and used to support letter modification of WUP 50-06857-W in 2013. Hydraulic parameters will be updated as appropriate based on SFWMD permitting criteria. Based on projected populations and historic per capita use rates documented in the Raw Water Master Plan, an increase in the permitted allocation will be requested. Model simulations to support the requested allocation will be performed and will be executed consistent with criteria described in Section 3.1.2 of the "Applicant's Handbook (AH) for Water Use Permit Applications within the South Florida Water Management District, September 2015." CONSULTANT will evaluate withdrawal scenarios, based on existing and potential well sites, consistent with the AH. It is assumed that potential well sites will be identified independent of and

previous to this modeling effort. Goals include simulating withdrawals to minimize stresses on the aquifer that can impact long-term water quality. Groundwater model simulations will be performed to evaluate the anticipated drawdown resulting from the proposed project withdrawals from the FAS and any existing legal users (ELUs) located within the project's cone of depression. CONSULTANT will prepare a draft technical memorandum documenting the modeling process and results. Following a review meeting with the PBCWUD, comments will be incorporated into the final technical memorandum to be used in support of the water use permit application.

Deliverable:

- a) Draft Technical Memorandum in portable data file (pdf) format documenting model development, application, and impact analysis for County review.
- b) Response to comments.
- c) Final Technical Memorandum.

SUBTASK 2.3 WATER CONSERVATION PLAN

The CONSULTANT will prepare a draft water conservation plan for review and comment by the COUNTY. The plan will outline the COUNTY'S current and proposed water conservation plan elements that meet the requirements outlined in Subsection 2.3.2.F.1 of the Applicant's Handbook for a Standard Water Conservation Plan or a Goal-Based Conservation Plan. Information will be obtained from the COUNTY where appropriate. Included in the Water Conservation Plan will be the COUNTY's Irrigation Ordinance. It is anticipated that coordination with the COUNTY and the SFWMD on the historic water loss, and future efforts to reduce loss, will be required.

Deliverable:

- a) The CONSULTANT will incorporate COUNTY'S comments into the water conservation plan for inclusion in the water use permit application to the SFWMD.

SUBTASK 2.4 REGULATORY PRE-APPLICATION MEETINGS

Included in this subtask are up to two (2) meetings with regulatory agencies as follows. A meeting will be held between the COUNTY, the CONSULTANT and SFWMD to discuss the permit renewal/modification prior to submitting the application. This meeting with SFWMD staff will be held to discuss and to review final details of the application. A second meeting will be held on an ad-hoc basis to discuss the request for additional information after the application is submitted.

Deliverable:

- a) Meeting Minutes.

SUTASK 2.5 PREPARE AND SUBMIT THE WATER USE PERMIT APPLICATION

The CONSULTANT will prepare and submit a consumptive use application (from subtask 2.3) to the SFWMD in support of permit renewal. The permit application report will be organized to follow the requirements of SFWMD Form 1379 along with Supplemental E and associated figures and documents required. CONSULTANT will provide the necessary impact assessment based on modeling (from subtask 2.2) as included in this scope as required by SFWMD permitting criteria.

Deliverable:

- a) Produce tables and forms consistent with the SFWMD ePermitting application.

- b) Submittal of final version of the water use permit application to the SFWMD.

SUBTASK 2.6 GOVERNANCE SPECIALIST COLLABORATION

Included are collaborations with the CONSULTANT, its subcontractors, and COUNTY representatives, and SFWMD leadership to execute the COUNTY's permitting strategy and achieve project objectives. The CONSULTANT and its subcontractors also will share with the COUNTY on evolving State and SFWMD policy and regulatory activities related to public water supply availability and permitting, and relevant to renewal/modification of the COUNTY's Consumptive Use Permit.

Deliverable:

- a) Response to queries.

SUBTASK 2.7 REQUEST FOR ADDITIONAL INFORMATION (RAI) AND POST APPLICATION SUPPORT

CONSULTANT will work with SFWMD to facilitate the permit review process after application submittal by answering questions and providing supplemental information as requested by SFWMD to eliminate as many outstanding issues as possible as they arise. However, due to the complexity and scale of permitting the renewal of a permit, a request for additional information (RAI) from SFWMD is most likely. Under this subtask, the CONSULTANT will prepare and submit a response to one (1) SFWMD RAI in support of the permit application. The CONSULTANT will prepare the RAI response for review and comment by the COUNTY. The CONSULTANT will incorporate the COUNTY comments and submit a reply via ePermitting to the SFWMD.

Deliverable:

- a) Response to RAI.

DATA OR ASSISTANCE TO BE PROVIDED BY THE COUNTY

- Provide identified potential well sites independent of and previous to this modeling effort.
- Provide a copy of the raw water master plan.
- Provide a copy of the ten (10) year Consumptive Use Permit compliance reports.
- Provide a copy of the most recent 10-year Water Supply Facilities Work Plan Submitted to SFWMD.
- Provide a copy of the COUNTY Western Region population projections in five-year increments starting in 2019.
- Provide a copy of the historical (past five (5) years at minimum) per capita use quantities for Western Region.
- Provide the raw water to finished water conversion rate(s).
- Provide a copy of the COUNTY Ordinance of irrigation days.
- Provide a letter of authorization for the CONSULTANT and its subcontractors to submit application materials to SFWMD on its behalf.
- Electronic copies (spreadsheets) of well construction, well survey, and pump data not on file with CONSULTANT;
- Status of water supply wells listing which wells are existing versus proposed;
- Well pumping rates and groundwater quality by well (on a semi-annual basis) for the last 10 years not on file with CONSULTANT and copies of existing operating permits and the current

Consumptive Use Permit. Data reported on the SFWMD Monthly Pumpage Reports would be the most useful. Electronic versions of these data are preferred;

- A copy of any agreement with other utilities regarding interconnections or water purchase including volumes of water transfers for last 5-years at a minimum;
- COUNTY corporate limit, Western Region, land use, and zoning maps. If available, an electronic copy of the map (GIS) is requested;
- A copy of the most recent version of the COUNTY's Comprehensive Development Plan;
- The locations and groundwater elevation data for each Floridan aquifer monitoring wells used by the COUNTY; and
- The permit application fee for submittal to SFWMD through ePermitting will be paid by the COUNTY.

ASSUMPTIONS

At the time of developing the proposal for this project, meetings are anticipated to be held face to face and virtual options for the meetings and attendees will also be made available.

COUNTY shall be responsible for, and CONSULTANT may rely upon, the accuracy and completeness of instructions, reports, data, and other information furnished by COUNTY to CONSULTANT pursuant to this CSA. CONSULTANT may use such instructions, reports, data, and information in performing or furnishing services under this CSA. CONSULTANT's scope of work does not include verifying COUNTY provided information for accuracy or completeness.

The CONSULTANT will prepare and submit responses to additional SFWMD RAI(s) in support of the COUNTY permit application under a separate budget. This task may also include a meeting with SFWMD staff. This meeting will identify any concerns that the SFWMD may have and any additional data that may be needed in support of the permit application.

ATTACHMENT B

SUMMARY AND STATUS OF CONSULTANT SERVICES AUTHORIZATIONS

Auth. No.	PBCWUD Project No.	Title	Status	Project Total Amount	SBE Total Amount	SBE Participation %	Approved	
							By	Date
1	21-015	Consumptive Use Permit Renewal Support	Approved	\$82,364.00	\$35,396.00	42.97%	CRC	1/13/21
1.1	21-015	Consumptive Use Permit Renewal Support	Approved	\$49,773.30	\$31,444.80	63.17%	DIR	5/27/21
1.2	21-015	Consumptive Use Permit Renewal Support	Approved	\$5,958.40	\$743.40	12.47%	DIR	5/1/23
2	21-045	Arsenic Treatment Options Assessment	Approved	\$98,733.00	\$0.00	0.00%	CRC	6/2/2021
3	21-046	Water Treatment Plant Nos. 3 and 9 Degasifier and Odor Control Systems Assessment	Approved	\$99,243.00	\$0.00	0.00%	CRC	5/26/21
4	21-051	Belle Glade Water Treatment Plant Demolition	Approved	\$286,495.20	\$196,785.20	68.68%	BCC	11/16/21
4.1	21-051	Belle Glade Water Treatment Plant Demolition	Approved	\$49,900.10	\$46,223.60	92.63%	DIR	2/17/23
5	21-049	Water Treatment Plant 11 Clearwell Recoating Evaluation	Approved	\$97,752.00	\$0.00	0.00%	CRC	6/2/21
6	21-015	Consumptive Use Permit Renewal Support	Approved	\$317,536.60	\$186,841.60	58.84%	BCC	6/15/21
7	21-086	New LCR Compliance Consulting and Associated Corrosion Control Study Analysis	Approved	\$83,584.50	\$0.00	0.00%	CRC	6/29/22
8	19-065	Integrated Utility Master Plan - Water	Approved	\$434,785.52	\$158,041.52	36.34%	BCC	1/4/22
9	23-024	Water Treatment Plant No.11 Upgrades	Pending	\$490,586.66	\$99,219.66	20.22%	BCC	Pending
10	23-040	Western Region Consumptive Use Permit Renewal	Pending	\$284,660.60	\$130,842.60	45.96%	BCC	Pending

11	23-043	Water Treatment Plant No.2 Treatment Alternatives Analysis	Approved	\$96,467.00	\$0.00	0.00%	CRC	6/28/2023
12	23-045	Water Treatment Plant Nos. 3 and 9 Expansion Study	Approved	\$99,874.00	\$26,776.00	26.80%	CRC	6/28/2023

ATTACHMENT C

OEBO SCHEDULE 1

Office of Equal Business Opportunity Compliance Programs

OEBO SCHEDULE 1

Western Region Consumptive Use Permit Renewal
 SOLICITATION/PROJECT/BID NAME: _____
 December 23, 2020
 SOLICITATION OPENING/SUBMITTAL DATE: _____

PBCWUD Project No. 23-040
 SOLICITATION/PROJECT/BID NO.: _____
 Palm Beach County Water Utilities Department
 COUNTY DEPARTMENT: _____

Section A PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT* ON THE PROJECT:

NAME OF PRIME RESPONDENT/BIDDER: CDM Smith Inc. ADDRESS: 621 NW 53rd Street, Suite 265, Boca Raton, FL 33487
 CONTACT PERSON: Suzanne E. Mechler, PE PHONE NO.: 561.571.3800 E-MAIL: mechlerse@cdmsmith.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$135,818.00
 *SMWBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.
 Non-SBE MBE WBE SBE

Section B PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT BELOW:

Subcontractor/Sub consultant Name	(Check all Applicable Categories)				DOLLAR AMOUNT OR PERCENTAGE OF WORK					
	Non-SBE	MBE	WBE	SBE	Black	Hispanic	Women	Caucasian	Asian	Other
		Minority Business	Women Business	Small Business						
1. GMAWater, LLC 125 S. State Road 7, Suite 104-260 Wellington, FL 33414	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	\$43,329.60	_____	_____
2. JLA Geosciences, Inc. 1907 Commerce Lane, Suite 104 Jupiter, FL 33458	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	\$87,513.00	_____	_____
3. Manson Bolves Donaldson Tanner PA 515 N. Flagler Drive, Suite 301 West Palm Beach, FL 33401	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	\$18,000.00
4. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____
5. _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	_____

(Please use additional sheets if necessary)
 Total _____ Total Certified S/M/WBE Participation \$ \$130,842.60

Total Bid/Offer Price \$ 284,660.60

I hereby certify that the above information is accurate to the best of my knowledge: Suzanne E. Mechler Vice President
 Name & Authorized Signature _____ Title _____

- Note:
- The amount listed on this form for a Subcontractor/sub consultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
 - Only those firms certified by Palm Beach County at the time of solicitation due date are eligible to meet the established OEBO Affirmative Procurement Initiative (API). Please check the applicable box and list the dollar amount or percentage under the appropriate demographic category.
 - Modification of this form is not permitted and will be rejected upon submittal.

ATTACHMENT C

OEBO SCHEDULE 2

Office of Equal Business Opportunity Compliance Programs

Revised 12/20/2022

OEBO LETTER OF INTENT – SCHEDULE 2

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 23-040

SOLICITATION/PROJECT NAME: Western Region Consumptive Use Permit Renewal

Prime Contractor: CDM Smith Inc. Subcontractor: GMAWater, LLC

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 3/23/2023 - 3/22/2026

The undersigned affirms they are the following (select one from each column if applicable):

Column 1	Column 2	Column 3
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input checked="" type="checkbox"/> Caucasian American	<input type="checkbox"/> Supplier
	<input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	

S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

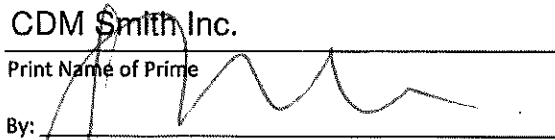
Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
N/A	Western Region Consumptive Use Permit Renewal				\$43,329.60

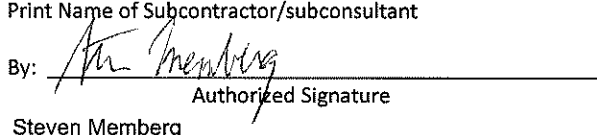
The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$43,329.60

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

_____ Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

CDM Smith Inc.
 Print Name of Prime
 By: 
 Authorized Signature
Suzanne E. Mechler, PE
 Print Name
Vice President
 Title
 Date: June 6, 2023

GMAWater, LLC
 Print Name of Subcontractor/subconsultant
 By: 
 Authorized Signature
Steven Memberg
 Print Name
Manager
 Title
 Date: June 6, 2023

OEBO LETTER OF INTENT – SCHEDULE 2

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 23-040

SOLICITATION/PROJECT NAME: Western Region Consumptive Use Permit Renewal

Prime Contractor: CDM Smith Inc. Subcontractor: JLA Geosciences, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 4/10/2023 to 4/09/2026

The undersigned affirms they are the following (select one from each column if applicable):

Column 1	Column 2	Column 3
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input checked="" type="checkbox"/> Caucasian American <input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	<input type="checkbox"/> Supplier

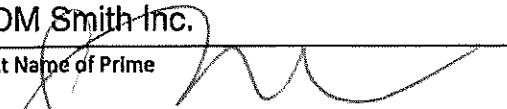
S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.

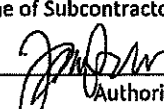
Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
N/A	Western Region Consumptive Use Permit Renewal				\$87,513.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$87,513.00

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

Name of 2nd/3rd tier Subcontractor/subconsultant _____ Price or Percentage: _____

CDM Smith Inc.
 Print Name of Prime
 By: 
 Authorized Signature
Suzanne E. Mechler, PE
 Print Name
Vice President
 Title
 Date: June 6, 2023

JLA Geosciences, Inc.
 Print Name of Subcontractor/subconsultant
 By: 
 Authorized Signature
James L. Andersen
 Print Name
President
 Title
 Date: June 6, 2023

OEBO LETTER OF INTENT – SCHEDULE 2

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. The Schedule 2 shall contain bolded language indicating that by signing the Schedule 2, both parties recognize this Schedule as a binding document. All Subcontractors/subconsultants, including any tiered Subcontractors/subconsultants, must properly execute this document. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 23-040

SOLICITATION/PROJECT NAME: Western Region Consumptive Use Permit Renewal

Prime Contractor: CDM Smith Inc. Subcontractor: Manson Bolves Donaldson Tanner PA

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): N/A

The undersigned affirms they are the following (select one from each column if applicable):

<u>Column 1</u>	<u>Column 2</u>	<u>Column 3</u>
<input checked="" type="checkbox"/> Male <input type="checkbox"/> Female	<input type="checkbox"/> African-American/Black <input type="checkbox"/> Asian American <input checked="" type="checkbox"/> Caucasian American	<input type="checkbox"/> Supplier
	<input type="checkbox"/> Hispanic American <input type="checkbox"/> Native American	

S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. S/M/WBE credit will only be given for the areas in which the S/M/WBE is certified. A detailed proposal may be attached to a properly executed Schedule 2.


Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
N/A	Western Region Consumptive Use Permit Renewal				\$18,000.00


The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$18,000.00

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

_____ Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

CDM Smith Inc.
 Print Name of Prime
 By: 
 Authorized Signature
Suzanne E. Mechler, PE
 Print Name
Vice President
 Title
 Date: June 6, 2023

Manson Bolves Donaldson Tanner PA
 Print Name of Subcontractor/subconsultant
 By: 
 Authorized Signature
Laura J. Donaldson
 Print Name
Treasurer/Trustee
 Title
 Date: June 6, 2023

ATTACHMENT D

PROJECT SCHEDULE

The completion dates for this work will be as follows (starting from CONSULTANT'S receipt of Notice to Proceed).

<u>Engineering Services</u>	<u>Completion Date from Notice to Proceed</u> (Calendar Days)
Task 1 Project and Subcontractor Management	407 Calendar Days
Task 2 Application	407 Calendar Days
Subtask 2.12 Data Collection And Coordination	22 Calendar Days
Subtask 2.2 Groundwater Flow Modeling Of The Floridan Aquifer System	225 Calendar Days
Subtask 2.3 Water Conservation Plan	141 Calendar Days
Subtask 2.4 Regulatory Pre-Application Meetings	346 Calendar Days
Subtask 2.5 Prepare And Submit The Water Use Permit Application	346 Calendar Days
Subtask 2.6 Governance Specialist Collaboration	407 Calendar Days
Subtask 2.7 Request For Additional Information (RAI) And Post Application Support Reply	407 Calendar Days

Revised 12/20/2022

ATTACHMENT E BUDGET SUMMARY

Palm Beach County Water Utilities Department
Contract for Consulting /Professional Services Water Treatment and Water Resources Engineering Services
Resolution No. R2020-1719 **Contract Dated November 17, 2020**
Consultant Services Authorization No.: 10
Consultant: CDM Smith Inc.
Project Title: Western Region Consumptive Use Permit Renewal
PBCWUD Project No.: 23-040

		Labor Classification and Hourly Rate																							
Task		Senior Officer	Senior Technical Expert	Officer	Associate	Principal	Senior Professional	Professional II	Professional I	Senior GIS Specialist	Staff GIS Specialist	Senior Support Services	Staff Support Services	Senior Field Representative/Technician	Field Representative/Technician	Senior Contract Administration	Project Administration	Document Control Specialist	Total	Sub Consultant	Total				
Number	Task Description	(\$89.50-102.50)	(\$86.00-95.50)	(\$83.50-92.50)	(\$73.00-82.50)	(\$71.00-80.50)	(\$56.50-67.50)	(\$46.00-54.50)	(\$38.50-47.00)	(\$45.00-77.00)	(\$38.00-54.00)	(\$45.00-54.00)	(\$38.00-47.00)	(\$45.00-53.50)	(\$27.00-43.50)	(\$36.50-44.50)	(\$32.50-39.50)	(\$28.50-36.00)	Labor	Services	by Subtask				
Task 1	Project and Subconsultant Management				20											18	40	10	\$ 13,173.00	\$ 28,344.00					
Task 2	Application																								
2.1	Data Collection and Coordination				50														\$ 17,235.00	\$ 29,604.80	\$ 46,839.80			\$ 8,496.00	\$ 21,108.80
2.2	Groundwater Flow Modeling of the Floridan Aquifer System				50														\$ 17,235.00	\$ 12,064.00	\$ 29,299.00			\$ 3,398.40	\$ 8,665.60
2.3	Water Conservation Plan				50														\$ 17,235.00	\$ 12,385.60	\$ 29,620.60			\$ 1,699.20	\$ 10,686.40
2.4	Regulatory Pre-Application Meetings				50														\$ 17,235.00	\$ 9,829.60	\$ 27,064.60			\$ 4,248.00	\$ 5,581.60
2.5	Prepare and Submit the Water Use Permit Application				50														\$ 17,235.00	\$ 15,555.40	\$ 32,790.40			\$ 12,744.00	\$ 2,811.40
2.6	Governance Specialist Collaboration				58														\$ 19,215.00	\$ 18,000.00	\$ 37,215.00				\$ 18,000.00
2.7	RAI and Post Application Support				50														\$ 17,235.00	\$ 23,059.20	\$ 40,294.20			\$ 12,744.00	\$ 10,315.20
	Subtotal				378.00											18	40	10							
Labor Subtotal Hours					378.00											18	40	10							
Labor Raw Costs		\$ 102.50	\$ 95.50	\$ 92.50	\$ 82.50	\$ 80.50	\$ 67.50	\$ 54.50	\$ 47.00	\$ 77.00	\$ 54.00	\$ 54.00	\$ 47.00	\$ 53.50	\$ 43.50	\$ 44.50	\$ 39.50	\$ 36.00							
Labor Multiplier		3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3							
Labor Sub Total					\$ 93,555.00		\$ 34,020.00									\$ 2,403.00	\$ 4,740.00	\$ 1,080.00							
Labor Total																			\$ 135,798.00						
Out-of-Pocket Expenses [black and white printing (8.5"x11") x Rate \$0.25 x 80 pages = \$20.00]																			\$ 20.00						
Sub Consultant Labor Total																									
Sub Consultant Multiplier																									
Subcontract Total																									\$ 148,842.60
Project Total																									\$ 284,660.60



April 3, 2023

**Subject: Palm Beach County Water Utilities Department
Consumptive Use Permit Renewal Support**

The firm of **GMAwater, LLC** (GMA) is pleased to assist the Palm Beach County (County) Water Utilities Department in complying with evaluating the renewal process for consumptive use permit 50-06857-W.

Palm Beach County Water Utilities Department currently holds consumptive use permit 50-06857-W for the Lake Region Water Treatment Plant set to expire on October 12, 2025. The Lake Region Water Treatment Plant serves the County's western service area with groundwater sourced entirely from Floridan Aquifer System (FAS), specifically, from the Upper Floridan Aquifer (UFA) via 11 existing wells.

Scope of Services

Professional services to be provided under this scope of work include the following:

TASK 2 – APPLICATION

SUBTASK 2.1 DATA COLLECTION AND COORDINATION

GMA will work with the County and its consultants to obtain and assemble the necessary information as required to complete SFWMD Form 1379 Water Use Application 072014 and associated forms or their equivalents available through SFWMD's ePermitting system for an Individual CUP. Data will be obtained from the County where appropriate. This will include specific information required for SFWMD Form 1379 (dated 2014/07) such as Supplemental E – Public Supply.

SUBTASK 2.2 GROUNDWATER FLOW MODELING OF THE FLORIDAN AQUIFER SYSTEM

GMA will work with the County and its consultants to support model simulations of existing and proposed withdrawals for compliance with consumptive use permitting criteria.

SUBTASK 2.3 WATER CONSERVATION PLAN

GMA will work with the County and its consultants to support a draft water conservation plan that meets the requirements outlined in Subsection 2.3.2.F.1 of the Applicant's Handbook for a Standard Water Conservation Plan or a Goal-Based Conservation Plan.

SUBTASK 2.4 REGULATORY PRE-APPLICATION MEETINGS

GMA will participate in up to two (2) meetings with regulatory agencies as follows. A meeting will be held between the County, its consultants, and SFWMD to discuss the permit renewal prior to submitting the application. This meeting with SFWMD staff will be held to discuss and to review

125 S. State Road 7, Suite 104-260, Wellington, Florida 33414
561-318-9532

final details of the application. A second meeting will be held on an ad-hoc basis to discuss the request for additional information after the application is submitted.

SUTASK 2.5 PREPARE AND SUBMIT THE WATER USE PERMIT APPLICATION

GMA will prepare and submit a consumptive use application to the SFWMD in support of permit renewal. The permit application report will be organized to follow the requirements of SFWMD Form 1379 along with Supplemental E and associated figures and documents required. GMA will provide the necessary impact assessment based on modeling as included in this scope as required by SFWMD permitting criteria.

SUBTASK 2.7 REQUEST FOR ADDITIONAL INFORMATION (RAI) AND POST APPLICATION SUPPORT

GMA will work with SFWMD to facilitate the permit review process after application submittal by answering questions and providing supplemental information as requested by SFWMD to eliminate as many outstanding issues as possible as they arise. However, due to the complexity and scale of permitting the renewal of a permit, a request for additional information (RAI) from SFWMD is most likely. Under this task, GMA will work with the County and its consultants to prepare and submit a response to one (1) SFWMD RAI in support of the permit application and submit a reply via ePermitting to the SFWMD.

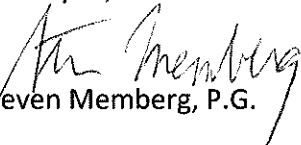
Work and Fee Schedule

Compensation shall be on a lump sum basis to be billed on a monthly/percentage complete basis:

Task No.	Description	Principal Hydrogeologist	Cost
		Rate:	
		\$212.40	
2.1	Data Collection	40	\$8,496.00
2.2	Groundwater Flow Modeling	16	\$3,398.40
2.3	Water Conservation Plan	8	\$1,699.20
2.4	Regulatory Pre-Application Meetings	20	\$4,248.00
2.5	Prepare and Submit Water Use Permit Application	60	\$12,744.00
2.7	RAI and Post Application Support	60	\$12,744.00
Total	Hours	204	
	Cost Not to Exceed		\$43,329.60

The professional services described above will be provided not to exceed the amount above without prior approval. Billing rates are provided on the attached fee schedule. Invoices for services rendered will be submitted monthly and are payable within thirty (30) days from the date of invoice. We are prepared to begin immediately and look forward to working with County staff. If any additional clarification is needed, please contact me at 561-318-9532 or steven@gmawater.com.

Thank you,


Steven Memberg, P.G.

gmawater.com



SCHEDULE OF FEES AND OTHER CHARGES

TABLE 1. FEE SCHEDULE, PROFESSIONAL SERVICES ¹			
Title	Labor Rate	Multiplier	Hourly Rate
Principal Hydrogeologist	\$72.00	2.95	\$212.40

Note 1. Expert witness fees add 25% for hearings and depositions.

TABLE 2. SCHEDULE OF EXPENSES AND OTHER CHARGES ^{2,3}	
Item	Fee
Automobile Travel	IRS rate per mile
Other Authorized Travel Expenses	At cost
Other Contractual Services	At cost

Note 2. All travel requires pre-approval.

Note 3. All expenses and other charges over \$100 require pre-approval.



SCHEDULE OF FEES AND OTHER CHARGES

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Title	Labor Rate	Multiplier	Hourly Rate
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Item	Fee
Automobile Travel	IRS rate per mile
Other Authorized Travel Expenses	At cost
Other Contractual Services	At cost

Note 2. All travel requires pre-approval.

Note 3. All expenses and other charges over \$100 require pre-approval.

JLA Geosciences, Inc.

HYDROGEOLOGIC CONSULTANTS

1907 Commerce Lane, Suite 104
Jupiter, Florida 33458
(561) 746-0228
fax (561) 746-0119

~~April 10, 2023~~ Revised July 27, 2023

Via Electronic Mail

Tim O'Neil, P.E., BCEE
Principal
CDM Smith
621 N.W. 53rd St., Suite 265
Boca Raton, Florida 33487

RE: *Proposal to provide Hydrogeologic Services for Palm Beach County Water Utilities Department; Western Region Consumptive Use Permit Renewal*

JLA Geosciences, Inc. (JLA) is pleased to have the opportunity to provide our services to CDM Smith (CDM) in assisting their client, Palm Beach County Water Utilities Department (PBCWUD) with the above-referenced project. JLA's scope of work will include the following:

TASK 1 PROJECT MANAGEMENT AND MEETINGS

Invoicing, progress reporting, and internal project coordination. JLA will participate in internal project coordination meetings, anticipated to be held semimonthly. All meeting agendas and minutes shall be prepared by OTHERS. The scope of work outlined for this subtask includes preparation, attendance, and discussion at meetings only. A 6-month project duration is assumed.

TASK 1 DELIVERABLES

1. Monthly invoice and project status reports.

TIME AND MATERIALS NOT TO EXCEED TASK 1.0 TOTAL \$28,344.00

TASK 2 APPLICATION

SubTask 2.1 Data Collection and Coordination – Anticipated scope of work includes coordination with project team and PBCWUD staff on data required to complete water use permit application, including, but not limited to, per capita use rate, historical maximum to average monthly allocations, and individual well performance and water quality. Anticipated reports and data to be reviewed include:

- SFWMD permitted WUP allocations, historical water use, and projected use
- Water quality
- Historical and current well performance (review of data post-completion of the Raw

jlageosciences.com

Water Master Plan)

- Monitor well water quality and water level data

Deliverables

1. Spreadsheets/calculations to be provided to project team for incorporation in tables and forms related to historical five-year average PCUR and average to maximum month ratios.

Time and Materials Not to Exceed Subtotal 2.1 Total

\$21,108.80

SubTask 2.2 Groundwater Modeling of the Floridan Aquifer System – JLA will update existing AquiferWin32 analytical model of the FAS previously prepared and used to support letter modification of WUP 50-06857-W in 2013. Hydraulic parameters will be updated as appropriate based on SFWMD permitting criteria. Based on projected populations and historic per capita use rates documented in the Raw Water Master Plan, an increase in the permitted allocation will be requested. Model simulations to support the requested allocation will be performed and will be executed consistent with criteria described in Section 3.1.2 of the “Applicant’s Handbook (AH) for Water Use Permit Applications within the South Florida Water Management District, September 2015.” JLA will evaluate withdrawal scenarios, based on existing and potential well sites, consistent with the AH. It is assumed that potential well sites will be identified independent of and previous to this modeling effort. Goals include simulating withdrawals to minimize stresses on the aquifer that can impact long-term water quality. Groundwater model simulations will be performed to evaluate the anticipated drawdown resulting from the proposed project withdrawals from the FAS and any existing legal users (ELUs) located within the project’s cone of depression. JLA will prepare a draft technical memorandum documenting the modeling process and results. Following a review meeting with the PBCWUD, comments will be incorporated into the final technical memorandum to be used in support of the water use permit application.

Deliverables

1. Draft technical memorandum documenting model development, application, and impact assessment for PBCWUD review.
2. Response to comments.
3. Final technical memorandum.

Time and Materials Not to Exceed Subtotal 2.2 Total

\$8,665.60

SubTask 2.3 Water Conservation Plan – JLA will prepare a draft water conservation plan for review and comment by PBCWUD. The plan will outline the PBCWUD’s current and proposed water conservation plan elements that meet the requirements outlined in Subsection 2.3.2.F.1 of the AH for a Standard Water Conservation Plan. Information will be obtained from the PBCWUD where appropriate. JLA will incorporate PBCWUD’s comments into

the water conservation plan for inclusion in the water use permit application to the SFWMD. It is anticipated that coordination with the PBCWUD and the SFWMD on the historic water loss, and future efforts to reduce loss, will be required.

Deliverables

1. Draft water conservation plan
2. Final water conservation plan incorporating comments from the PBCWUD.

Time and Materials Not to Exceed Subtotal 2.3 Total **\$10,686.40**

SubTask 2.4 Regulatory Pre-Application Meetings – JLA will attend up to two (2) meetings with the SFWMD, including a pre-application meeting to discuss the permit renewal prior to submission of the ePermitting application. A second meeting is anticipated to discuss a request for additional information (RAI) after application submittal.

Deliverables

1. None – Preparation for and attendance of meetings only. Agendas and/or presentations to be prepared by others.

Time and Materials Not to Exceed Subtotal 2.4 Total **\$5,581.60**

SubTask 2.5 Prepare and Submit the Water Use Permit Application – JLA will review and provide comment on the prepared application prior to submittal to the PBCWUD.

DELIVERABLES

1. Suggested track-change edits/comments on application materials for consideration by other members of the team

Time and Materials Not to Exceed Subtotal 2.5 Total **\$2,811.40**

SubTask 2.6 Governance Specialist Collaboration – BY OTHERS.

Time and Materials Not to Exceed Subtotal 2.6 Total **\$0.00**

SubTask 2.7 Request for Additional Information (RAI) and Post-Application Support – JLA will work with project team to provide supplemental information as requested by the SFWMD to eliminate outstanding issues, should a RAI arise.

Deliverables

1. Response to RAI

Proposal to CDM, PBCWUD WUP No. 50-06857-W

April 10, 2023 Revised July 27, 2023

Page 4 of 4

Time and Materials Not to Exceed Subtotal 2.7 Total	\$10,315.20
TIME AND MATERIALS NOT TO EXCEED TASK 2.0 TOTAL	\$59,169.00
TOTAL TIME AND MATERIALS NOT TO EXCEED FOR PROFESSIONAL SERVICES	\$87,513.00

SCHEDULE


JLA will complete Tasks 1 and 2 within six (6) months of the Notice to Proceed (NTP). It is assumed all subtasks other than 2.7, RAI and Post-Application Support, will be complete by April 12, 2024.

ASSUMPTIONS

- Scope of work shall only include Tasks specifically described above. Other tasks shall be performed by OTHERS.
- All deliverables shall be submitted to CDM Project Manager Tim O'Neil, P.E.
- Onsite inspections at the plant or individual well facilities are not included in this proposal.
- Any necessary information not readily available online will be provided by PBCWUD and/or CDM.
- All meeting agendas and minutes shall be prepared by OTHERS; the scope of work outlined in this proposal includes preparation, attendance, and discussion at meetings only.

We thank you for this opportunity to provide CDM and Palm Beach County Water Utilities Department with our services. If you have any questions, please don't hesitate to call me.

Sincerely,
JLA Geosciences, Inc.


James L. Andersen, P.G.
President, JLA Geosciences, Inc.
Attachments

**ATTACHMENT E
BUDGET SUMMARY**

Palm Beach County Water Utilities Department

Contract for Consulting /Professional Services Water Treatment and Water Resources Engineering Services

Resolution No. R2020-1719

Contract Dated November 17, 2020

Consultant Services Authorization No.: 10

Consultant:

JLA Geosciences, Inc.

Project Title:

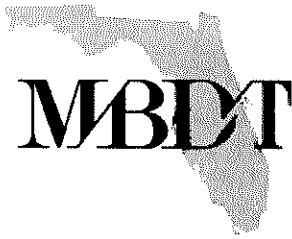
Western Region Consumptive Use Permit Renewal

PBCWUD Project No.:

23-040

Task No.	Task Description	Labor Classification and Hourly Rate										Total Labor	Mileage (\$0.655/mi)	ODC	Sub Consultant Services	TASK TOTAL	
		President	Prin./Hydro Corp. Officer	Prj. Manager Sr Hydro III	Senior Hydro II	Senior Hydro I	Hydro III	Hydro II	Hydro I	Hydro Tech	Admin / Tech						
1.0	PROJECT MANAGEMENT																
	Project Administration, including project meetings (six (6) month duration)	48	72	36													
	Subtotal Task 1.0	48.0	72.0	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	156.0	0.0	0.0	0.0	\$ 28,344.00	
2.0	APPLICATION																
2.1	Data collection and coordination	8	40	50	24												\$ 21,108.80
2.2	Groundwater flow modeling of the Floridan Aquifer System	2	16	24	8												\$ 8,665.60
2.3	Water Conservation Plan	8	12	12	32												\$ 10,686.40
2.4	Regulatory Pre-Application Meetings	8	8	8	8												\$ 5,581.60
2.5	Prepare and Submit Water Use Permit Application	2	6	6	2												\$ 2,811.40
2.6	Governance Specialist Collaboration - BY OTHERS																\$ -
2.7	Request for Additional Information (RAI) and Post-Application Support	8	12	24	16												\$ 10,315.20
	Subtotal Task 2.0	36.0	94.0	124.0	90.0	0.0	0.0	0.0	0.0	0.0	0.0	344.0	0.0	0.0	0.0	\$ 59,169.00	
	Labor Subtotal Hours	84.00	166.00	160.00	90.00	0.00	0.00	0.00	0.00	0.00	0.00						
	Labor Hourly Billing Rates	\$ 190.00	\$ 180.00	\$ 174.00	\$ 153.70	\$ 135.00	\$ 120.00	\$ 110.00	\$ 90.00	\$ 70.00	\$ 70.00						
	Labor Raw Costs	\$ 65.52	\$ 62.07	\$ 60.00	\$ 53.00	\$ 46.55	\$ 41.38	\$ 37.93	\$ 31.03	\$ 24.14	\$ 24.14						
	Labor Multiplier	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9						
	Labor SubTotal	\$ 15,960.00	\$ 29,880.00	\$ 27,840.00	\$ 13,833.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -						
	Labor Total																\$87,513.00
	Mileage/ODC																\$0.00
	Subconsultant Total																\$0.00
	Project Total																\$87,513.00

Mileage calculated based on current US Internal Revenue Service standard rates.



**Manson
Bolves
Donaldson
Tanner**
Attorneys at Law

April 5, 2023

Suzanne E. Mechler, P.E., BCEE
CDM Smith Inc.
621 N.W. 53rd Street, Suite 265
Boca Raton, FL 33487

Subject: WUD Project No. 00-000
West Consumptive Use Permit Application for WTP 11

Dear Suzanne,

Thank you for the opportunity to support CDM Smith and provide professional services to the Palm Beach County Water Utilities Department as part of the Consultant Team related to the above referenced permit application. This proposal provides for Manson Bolves Donaldson Tanner (MBDT) (law firm's name was changed from Manson Bolves Donaldson Varn on October 27, 2022) to assist with the development and submittal of a CUP application that will provide the County with a water allocation to meet its future needs.

This proposal budgets for meetings between MBDT, CDM Smith and its subcontractors, the County, and the South Florida Water Management District (SFWMD) as directed and as necessary to execute the County's permitting strategy and achieve project objectives. We expect this budget to include services through submittal of one SFWMD request for additional information in support of the permit application. For these services, MBDT attorneys will bill up to 60 hours at a blended rate of \$300 per hour. The final hours worked will be dependent on the work assigned by the County and CDM Smith.

As previously discussed, as a law firm, MBDT does not have raw rates or multipliers on its billable rates, nor may any entity add such multipliers to our rates. We thank you for this opportunity to provide CDM Smith and Palm Beach County Water Utilities Department with our services. Please don't hesitate to contact me if you have any questions.

Sincerely,

Laura Jacobs Donaldson

Tampa

Tallahassee

West Palm Beach

109 North Brush Street, Suite 300 • Tampa, FL 33602 • Tel: 813.514.4700 • Fax: 813.514.4701
www.MansonBolves.com

Integrity. Intelligence. Diligence

**Palm Beach County Water Utilities Dep
Contract for Consulting /Professional S
Resolution No. R2020-1719**

Consultant Services Authorization No.:

Consultant:

Project Title:

PBCWUD Project No.:

Task Number	Task Description	
Task 1	Project and Subconsultant Management	
Task 2	Application	
2.1	Data Collection and Coordination	-
2.2	Groundwater Flow Modeling of the Floridan Aquif System	-
2.3	Water Conservation Plan	-
2.4	Regulatory Pre-Application Meetings	-
2.5	Prepare and Submit the Water Use Permit Application	-
2.6	Governance Specialist Collaboration	00.00
2.7	RAI and Post Application Support	-
	Subtotal	

	Labor Subtotal Hours
	Labor Raw Costs
	Labor Multiplier
	Labor Sub Total
	Labor Total
	Out-of-Pocket Expenses

	Sub Consultant Labor Total
	Sub Consultant Multiplier
	Subcontract Total

	Project Total

Revised 12/20/2022

ATTACHMENT F

Palm Beach County Water Utilities Department
 Contract for Consulting/Professional Services
Water Treatment and Water Resources Engineering Services
 Resolution No. R2020-1719 Contract Dated November 17, 2020

SUMMARY OF SBE-MBE BUSINESS TRACKING

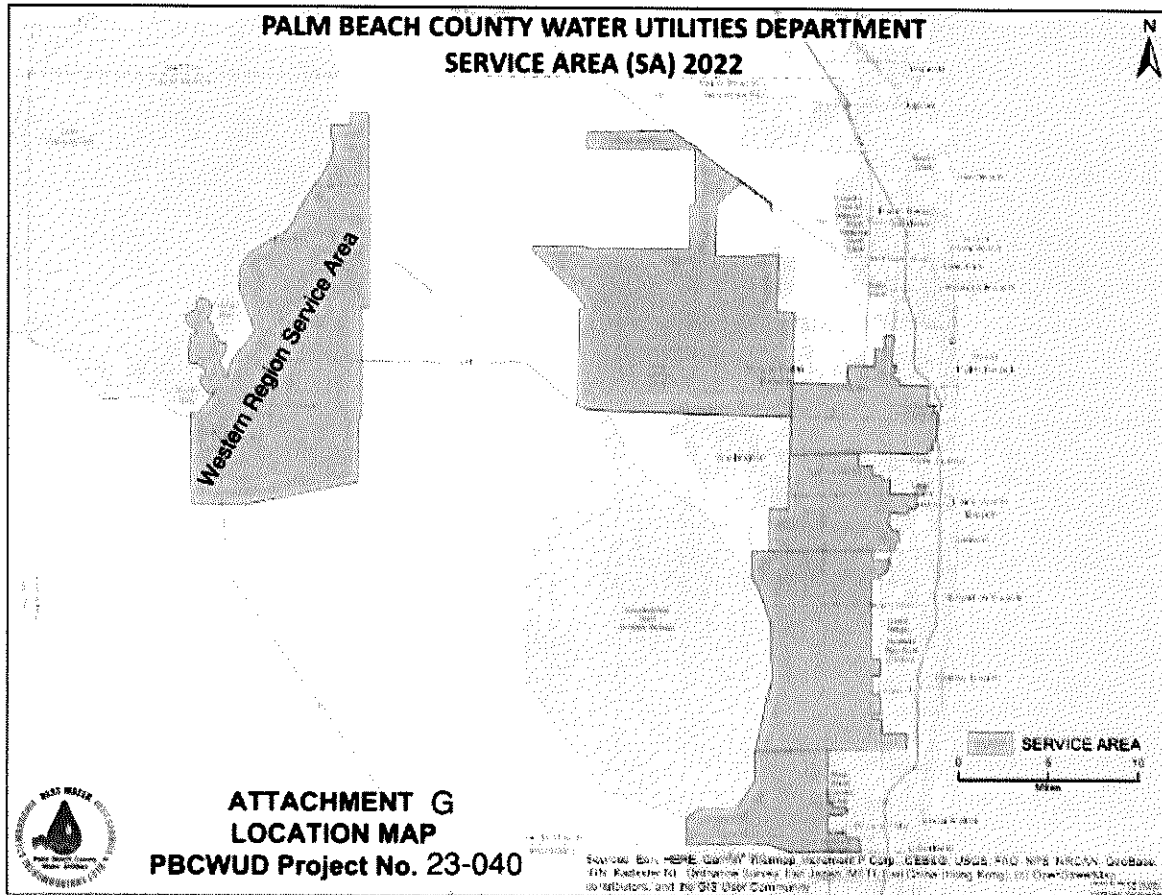
Master Contract Goals	SBE: 21.00%	MBE: 19.00%	MBE (B): 19.00%	MBE (A): 0.00%
Current Proposal				
Value of Authorization No. <u>10</u>	\$284,660.60			
Value of SBE-MBE Letters of Intent	\$130,842.60	\$0.00	\$0.00	\$0.00
Actual Percentage	45.96%	0.00%	0.00%	0.00%
Signed/Approved Authorizations				
Total Value of Authorizations	\$1,802,466.62			
Total Value of SBE-MBE Signed Subcontractors	\$682,252.12	\$332,012.32	\$259,160.80	\$72,851.52
Actual Percentage	37.85%	18.42%	14.37%	4.04%
Signed/Approved Authorizations Plus Current Proposal				
Total Value of Authorization	\$2,087,127.22			
Total Value of Subcontractors & Letters of Intent	\$813,094.72	\$332,012.32	\$259,160.80	\$72,851.52
Actual Percentage	38.95%	15.90%	12.41%	3.49%

Revised 12/20/2022

ATTACHMENT G

Location Map

PBCWUD Project No. 23-040

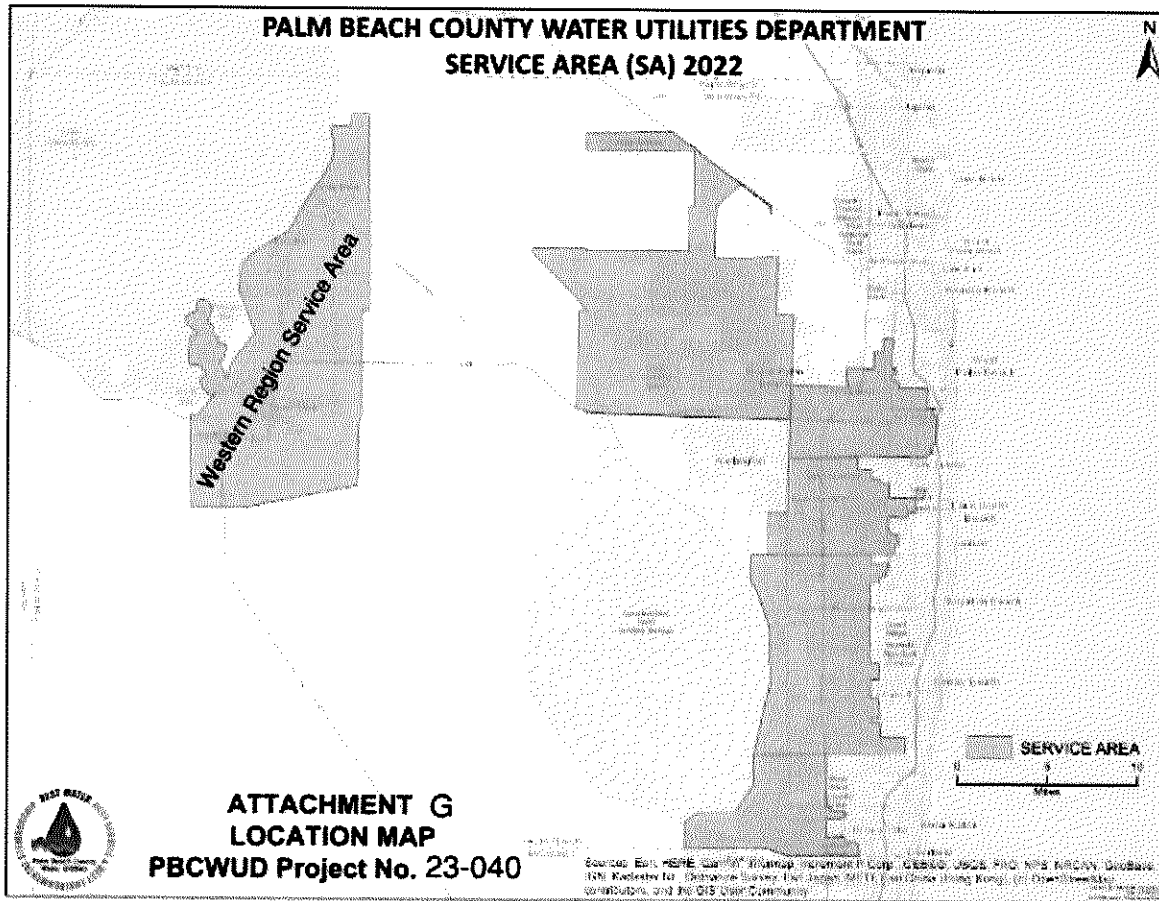


Revised 12/20/2022

ATTACHMENT 2

Location Map

PBCWUD Project No. 23-040



Revised 12/20/2022



**Palm Beach County
Compliance Summary Report**

Vendor Number	Vendor Name	AM Best Rating	Insurance Carrier	Policy #	Eff. Date	Exp. Date	Coverage	Contract Number	Contract Name
DX00001205	CDM Smith Inc.	Modified	Compliant with Minor/Expiring Deficiencies					19-076R	Contract for Consulting/Professional Services Water Treatment and Water Resources Engineering Services
		Ap , XV	Liberty Mutual Fire Insurance Company	AS2611B8T8Z6063	1/1/2023	1/1/2024	Auto Liability		
		A++g , XV	ACE Property and Casualty Insurance Company	XEUG28194687007	1/1/2023	1/1/2024	Excess Liability		
		Ar , XV	Liberty Insurance Corporation	TB7611B8T8Z6043	1/1/2023	1/1/2024	General Liability		
		NR , 0	Underwriters at Lloyd's London (IL)	PSDEF2300033	1/1/2023	1/1/2024	Professional Liability		
		Ar , XV	LM Insurance Corporation	WA561DB8T8Z6013	1/1/2023	1/1/2024	Workers Comp		

Risk Profile : Standard - General Services

Required Additional Insured : Palm Beach County Board of County Commissioners

Ownership Entity :