



Consultant Services Authorization

Firm	Dewberry Engineers, Inc.
Master Agreement No.	2024-011
CSA No.	2024-011-10
Project Name	Northeast Regional Utility Service Area (NERUSA) Alternative Water Supply (AWS) Receiving Facility
Project Description	The consultant will provide professional services including project management, final design, permitting, bid, and construction administration services for the AWS facility as well as the related on site well facilities.
Projects Exhibits and Attachments	Exhibit "A"- Scope of Services Exhibit "B"-Fee Schedule (Master Agreement) Exhibit "C"-Reimbursable Cost Schedule (if applicable) Exhibit "D"-Insurance Documents
Duration (in days)	This authorization shall be in full force and effect until the Consultant completes all services as identified in Exhibit "A".
Compensation	\$ 898,223.15
Special Contract Conditions	NA
Insurance Requirements	Professional Liability
Liquidated Damages	\$ 0.00 Per Day
Budget Source/Availability	42011.680536150.5666000.6852005 (NERUSA PRWC AWS Rec Facility)

IN WITNESS WHEREOF, the parties hereto have executed this CSA on this ___ day of _____, 20__ .

Attest:
STACY M. BUTTERFIELD

POLK COUNTY, a Political subdivision
of the State of Florida

By: _____
Deputy Clerk

By: _____
Chairman
Board of County Commissioners

Date Approved by Board: _____

Review as to form and legal sufficiency


County Attorney's Office Date _____

Attest:


Corporate Secretary Colleen M. Collins

Dewberry Engineers Inc

CONSULTANT COMPANY NAME



Authorized Corporate Officer
Robert R. Beltran, VP, PE

[Printed Name and Title]

SEAL
Date: December 22, 2025

Date: December 22, 2025

Exhibit A
Consultant Services Authorization
2024-011-10
Northeast Regional Utility Service Area (NERUSA) Alternative Water Supply (AWS) Receiving Facility

Dewberry Engineers, Inc, (Consultant) entered into a Master Consulting Agreement (Agreement) with Polk County, Florida (County) on January 9, 2024. Pursuant to this Agreement, the County has requested that the Consultant provide certain professional services in support of the NERUSA AWS Receiving Facility Final Design (Project) as further detailed in this Consultant Services Authorization.

A. Project Background and Description

The Polk Regional Water Cooperative (PRWC) is developing sustainable and drought resistant AWS projects for the participating member communities. The County's Northeast Regional Utility Service Area (NERUSA) will receive AWS from the PRWC's Southeast Wellfield Project as a base load through a regional transmission system. Finished water will be delivered to the NERUSA PRWC AWS Receiving Facility located on Parcel 27-26-32-709500-020231 for distribution to the Northeast Public Water System (NE PWS) via an existing 24-inch water main adjacent to the site (refer to Figure 1). The Project includes a meter/control valve station, ground storage reservoir, chemical feed facilities, a high service pump station, electrical/SCADA systems, and related site improvements to support the access and operation of the facility. Final design services will include an Operations Building based on the facilities provided at the Gibson Oaks WPF with the onsite road accommodating future expansion at the site. Additionally, a new public supply well will be constructed that is intended to replace the existing public supply wells at the Edgehill Water Production Facility (WPF).

The site will be accessed from Holly Hill Road via an existing 30-foot right-of-way. It is anticipated that this access will be shared with the City of Davenport to accommodate a new park adjacent to the Project site. The County has requested that the Consultant provide professional engineering services in support of the Project.

B. Scope of Services

Upon authorization to proceed from the County, the Consultant will provide the following identified services. The Consultant shall ensure that all design, bid, and construction documents produced by the Consultant or their subconsultants for the County will be consistent with the Polk County Utilities Standards and Specifications Manual, latest edition, and other County requirements. This authorization shall be in full force and effect until the Consultant completes all services as described in the Consultant Services Authorization and any subsequent modifications hereto.

Phase 100 – Project Management

Task 101 – Project Management

This task consists of overall management of the Project including contract administration, budget management, invoicing, monthly status reports, scheduling, and coordination with the County and Consultant's subconsultants.

Task 102 – Kick-off Meeting and Review Meetings

The Consultant will attend one kickoff meeting with the County. The Consultant will prepare a meeting agenda and meeting minutes. Meeting minutes shall be distributed within three working days of the date of the meeting. Meetings under this task are for design phase only.

- 60% design review
 - The CONSULTANT will prepare for and attend one (1) design review meeting for the 60% level documents with PCU to receive and review comments.
- 90% design review
 - The CONSULTANT will prepare for and attend one (1) design review meeting for the 90% level documents with PCU to receive and review comments.

Phase 200 – Support Services

No services under this task are included.

Phase 300 – Final Design Documents

Final design services will be provided in accordance with the following:

Final structural design services will be provided in accordance with the scope of services set forth in the December 08, 2025 proposal prepared by Biller Reinhart Engineering Group, Inc. (refer to Attachment A-3).

Task 301 – 60% Design Documents

The Consultant will prepare and submit 60% design documents consisting of the following:

- Hydraulic Modeling to support the NERUSA optimization and balancing of the WPFs within the area of the proposed receiving facility.
- Design drawings consisting of three (3) half-size sets of drawings to scale and one (1) electronic copy in Portable Document Format;
- Technical specifications consisting of one (1) bound copy and one (1) electronic copy in Portable Document Format;
- One (1) copy of a preliminary Engineer's Opinion of Probable Construction Cost.

Task 302 – 90% Design Documents

The Consultant will prepare and submit 90% design documents consisting of the following:

- One (1) copy of a tabular summary of the Consultant's responses to comments provided by the County for the 60% design submittal;
- Design drawings consisting of three (3) half-size sets of drawings to scale and one (1) electronic copy in Portable Document Format;
- Technical specifications consisting of one (1) bound copy and one (1) electronic copy in Portable Document Format. The technical specifications shall include Division 1.
- One (1) copy of an updated Engineer's Opinion of Probable Construction Cost. If there is more than 25% variance in the Engineer's Opinion of Probable Construction Cost from the 60% design, the Consultant shall provide the rationale for the difference in cost.

The Consultant shall clearly list any variations from the Utilities Standards and Specifications Manual and documentation that the variations have been accepted by the County.

- Anticipated final drawing sheets are listed in Section C.

Phase 400 – Permitting Services

This phase consists of the preparation and submittal of the forms and documents that are required for obtaining regulatory and construction permits / approvals for the Project. In each task below, response to agency questions and comments is limited to two (2) sets of review questions and comments from each agency for each permit. This limit does not include responses to agency questions / comments resulting from errors and / or omissions of the Consultant in preparing and submitting requisite application documents. Permit applicant fees are to be paid by the County.

Task 401 – Specific Permit to Construct Public Water System Components

This task includes the preparation and submittal of documents required for obtaining a permit for the construction of Public Water Supply System Components.

- Specific Permit to Construct Public Water System Components (Polk County Health Department / Department of Health)

Task 402 – Environmental Resources Permit

- Environmental Resource Permit - stormwater, jurisdiction wetlands / waters of the State, sovereign submerged lands, etc. (Florida Department of Environmental Protection / Southwest Florida Water Management District / South Florida Water Management District)

Task 403 – Polk County Land Development

- Level Three or Four Approval, including Conditional Use (Polk County Growth Management), to be completed by the County
- Level Two Approval (Polk County Growth Management)

The scope for each required permit Task 401-403 shall include at a minimum the following services:

- Attend one pre-application meeting (as required).
- Attend one Planning Commission Meeting / Board of County Commissioners Meeting / Development Review Committee Meeting (Polk County Growth Management applications).

Phase 500 – Bid Phase Services

This phase will be performed during the bid phase of the Project. For the purpose of this Consultant Services Authorization, it is assumed that the County will enter into one contract for construction of the Project. The County shall be responsible for preparation of Procurement and Contracting Requirements, advertisement of the Project, and distribution of the Project documents, including all costs associated therewith.

Task 501 – Bid Documents

The Consultant shall prepare and submit the following bid documents to the County:

- One (1) copy of a tabular summary of the Consultant's responses to comments provided by the County for the 90% design submittal;
- One (1) signed and sealed full-size set of drawings to scale and one (1) half-size set of construction plans to scale;
- One (1) signed and sealed copy of technical specifications;
- Schedule of Values and Bid Sheet (electronic only);
- Scope of Work (separated out for advertisement);
- Supplementary and Special Conditions (electronic only);
- Engineer's Opinion of Probable Construction Cost;
- An electronic copy of the bid documents in Portable Document Format (electronically signed and sealed).

Task 502 – Pre-bid Meeting

The Consultant shall attend one pre-bid meeting, including a pre-bid site visit (if required).

Task 503 – Bid Addenda

The Consultant shall prepare bid addenda to address / respond to questions and comments submitted to the County by prospective bidders. This task is budgeted for addressing up to two addenda.

Task 504 – Bid Recommendation

The Consultant shall evaluate the technical portions of the submitted bids and provide a recommendation of award to the County.

Phase 600 – Construction Administration Services

These services will be performed during construction of the Project. For the purpose of this Consultant Services Authorization, it is assumed that the construction duration will not exceed 450 calendar days (15 months).

Task 601 – Pre-Construction Meeting

The Consultant shall attend one pre-construction meeting and prepare a meeting agenda and meeting summary.

Task 602 – Preliminary Matters and Contract Documents

The Consultant shall provide three (3) sets of 22" x 34" conformed construction drawings to scale and three (3) sets of technical specifications for distribution to the County and the contractor. Additionally, the Consultant shall also submit one (1) electronically signed and sealed set of all conformed drawings and technical specifications. The conformed construction drawings and technical specifications shall incorporate all changes and clarifications to the documents during the bid and pre-award phases.

The Consultant shall review and approve the preliminary schedule of shop drawings and submittals, the preliminary schedule of values, and the construction schedule for the Project. The Consultant shall provide written interpretations and clarifications of the Contract Documents as requested by the contractor and determine the acceptability of work. The Consultant will render in writing their opinions concerning the contractor's requests for formal decisions on claims and disputes. The Consultant will disapprove or reject work which is defective and / or require special inspection or testing as may be deemed necessary to assess conformance with the Contract Documents.

Task 603 – Shop Drawing Review

Review contractor's shop drawings and other submittals for general conformance with the Contract Documents. The Consultant shall conduct up to one hundred and five (105) reviews of shop drawings, including initial and re-submittals.

Task 604 – Construction Progress Meetings

Attend twelve (12) construction progress meetings and prepare a meeting agenda and meeting summary.

Task 605 – Construction Site Visits

The Consultant's Engineer of Record, or designated representative, will visit the site at intervals deemed appropriate by the Consultant to review the construction of the Project for general conformance with Contract Documents. It is anticipated; the Engineer of Record will conduct twenty (20) site visits during the construction of the Project.

Task 606 – Applications for Payment

The Consultant will review applications for payment submitted by the contractor, including updated progress schedules, and will indicate in writing to the County a recommendation of payment or return the application to the contractor specifying in writing the reasons for not recommending payment. The Consultant's recommendation of payment will constitute a representation by the Consultant to the County that:

- The work has progressed to the point indicated;
- The quality of the work is generally in accordance with the Contract Documents; and
- The conditions precedent to the contractor's being entitled to such payment appear to have been fulfilled based on the Consultant's site observations.

In the event that the work has not progressed in accordance with the approved construction schedule, the Consultant will request that the contractor submit a schedule recovery plan indicating corrective actions necessary to put the work back on schedule. The Consultant shall submit the contractor's application for payment to the County within five working days of receipt of the same. The Consultant expects to review approximately fifteen (15) pay applications.

Task 607 – Requests for Information

Review Requests for Information submitted by the contractor and provide written responses to the contractor. The Consultant shall maintain a Requests for Information log for the Project. The Consultant will review and respond to up to twenty-five (25) RFI's.

Task 608 – Change Orders

The Consultant will review requests from the contractor for changes in contract price or contract time and provide written comments to the contractor and the County. If acceptable, the Consultant will prepare a written change order to be signed by the Consultant and the contractor and submitted to the County for approval. This task includes the review of Allowance Authorization Releases and Contingency Releases. The Consultant shall review up to six (6) change orders or contingency releases.

Task 609 – Substantial Completion

Upon written notification and receipt of a list of items to be completed / corrected from the contractor, the Consultant will visit the site to determine if the work or a designated portion thereof is substantially complete. For the purpose of this task, the Consultant assumes that two (2) substantial completion site visits will be required. When the work (or a portion thereof) is deemed to be substantially complete, the Consultant will prepare a Certificate of Substantial Completion that establishes the date of Substantial Completion. The Certificate of Substantial Completion shall be accompanied by a list of items to be completed / corrected.

Task 610 – Project Close-Out

Upon written notification from the contractor that the entire work is complete, the Consultant will visit the site to determine if the work is complete as required by the Contract Documents. For the purpose of this task, the Consultant assumes that one final completion site visit will be required. When the work is deemed to be complete by the Consultant and the County, the Consultant will review the contractor's final application for payment and accompanying documentation and provide a written recommendation of payment to the County. The Consultant will also give written notice to the County and the contractor that the work is acceptable subject to the provisions of Article 16 of the County's General Conditions.

The Consultant will review the contractor's as-built drawings for completeness and compliance with County requirements. This effort shall include the preparation of written comments for submission to the contractor based on the Consultant's review of the as-built drawings. The Consultant will prepare record drawings based on the contractor's as-built data in accordance with the Utilities Standards and Specifications Manual. One (1) complete 24" x 36" set of draft record drawings shall be submitted for review by the County. The Consultant will incorporate all comments from the draft review, then submit signed and sealed electronic sets (Portable

Document Format and AutoCAD) and one (1) signed and sealed 24" x 36" hard copy set of the record drawings to the County within 30 days of the receipt of the contractor's final as-built drawings.

The Consultant shall prepare and submit a "Certification and Request for Clearance to Place Permitted Public Water System Components into Operation" (Form 62-555.900(9)) to the Polk County Health Department for each non-contiguous portion of the Project.

PHASE 700 – WELL CONSTRUCTION PHASE SERVICES

These services will be performed during the construction of the new upper Floridan aquifer (UFA) public supply well and additional drilling to the LFA-1 interval for additional hydraulic and water quality testing at the Project site. For the purpose of this Consultant Services Authorization, it is assumed that the construction duration will not exceed 120 calendar days.

Task 701 – Pre-Construction Meeting

The Consultant shall attend one pre-construction meeting and prepare a meeting agenda and meeting summary.

Task 702 – Contract Documents

The Consultant shall provide three (3) sets of 22" x 34" conformed construction drawings to scale and three (3) sets of technical specifications for distribution to the County and the contractor. Additionally, the Consultant shall also submit one (1) electronically signed and sealed set of all conformed drawings and technical specifications. The conformed construction drawings and technical specifications shall incorporate all changes and clarifications to the documents during the bid and pre-award phases.

The Consultant shall review and approve the preliminary schedule of shop drawings and submittals, the preliminary schedule of values, and the construction schedule for the Project. The Consultant shall provide written interpretations and clarifications of the Contract Documents as requested by the contractor and determine the acceptability of work. The Consultant will render in writing their opinions concerning the contractor's requests for formal decisions on claims and disputes. The Consultant will disapprove or reject work which is defective and / or require special inspection or testing as may be deemed necessary to assess conformance with the Contract Documents.

Task 703 – Shop Drawing Review

Review contractor's shop drawings and other submittals for general conformance with the Contract Documents.

Task 704 – Well Construction Progress Meetings

Attend up to six (6) well construction progress meetings and prepare a meeting agenda and meeting summary for each.

Task 705 – Construction Site Visits

The Consultant shall provide limited field construction observation services at critical stages of construction of the new UFA well at the PCU AWS Facility Supplemental Well. The services under this task do not include full-time observation and shall be present at critical construction stages; and include making recommendations on casing depth, observing the setting and grouting of casings, monitoring cuttings during advancement of the pilot hole, specific capacity testing, water quality sampling, and documenting well development.

Once total depth has been achieved, the Consultant shall document well development using the pump and surge method. Pumping rates during development are expected to exceed the design rate and be based upon aquifer response. During this time, the Consultant shall obtain and monitor sand content and turbidity. It is anticipated that the well drilling contractor will obtain discharge rates and water level readings every 15 minutes during the development of the well.

Following well development, the Consultant shall oversee and document the performance of a four-step drawdown test (SDT) at the new well according to a plan discussed with the drilling contractor. The well will be pump tested at approximately 50%, 75%, 100% and 125% of the permitted design rate. The drilling contractor will provide the Consultant with access (1-inch nominal diameter pipe by 100-foot length) for a water level indicator and supply a pressure transducer. Turbidity and sand content samples shall be collected by the Consultant at 15-minute intervals from the start of each step. It is anticipated that the SDT will take up to 8 hours. The Consultant shall incorporate the collected data into the well construction summary report.

Task 706 – Applications for Payment

The Consultant will review applications for payment submitted by the contractor, including updated progress schedules, and will indicate in writing to the County a recommendation of payment or return the application to the contractor specifying in writing the reasons for not recommending payment. The Consultant's recommendation of payment will constitute a representation by the Consultant to the County that:

- The work has progressed to the point indicated;
- The quality of the work is generally in accordance with the Contract Documents; and
- The conditions precedent to the contractor's being entitled to such payment appear to have been fulfilled based on the Consultant's site observations.

In the event that the work has not progressed in accordance with the approved construction schedule, the Consultant will request that the contractor submit a schedule recovery plan indicating corrective actions necessary to put the work back on schedule. The Consultant shall submit the contractor's application for payment to the County within five working days of receipt of the same.

Task 707 – Requests for Information

Review Requests for Information submitted by the contractor and provide written responses to the contractor. The Consultant shall maintain a Requests for Information log for the Project.

Task 708 – Change Orders

The Consultant will review requests from the contractor for changes in contract price or contract time and provide written comments to the contractor and the County. If acceptable, the Consultant will prepare a written change order to be signed by the Consultant and the contractor and submitted to the County for approval. This task includes the review of Allowance Authorization Releases and Contingency Releases.

Task 709 – Substantial Completion

Upon written notification and receipt of a list of items to be completed / corrected from the contractor, the Consultant will visit the site to determine if the work or a designated portion thereof is substantially complete. For the purpose of this task, the Consultant assumes that two substantial completion site visits will be required. When the work (or a portion thereof) is deemed to be substantially complete, the Consultant will prepare a Certificate of Substantial

Completion that establishes the date of Substantial Completion. The Certificate of Substantial Completion shall be accompanied by a list of items to be completed / corrected.

Task 710 – Project Close-Out

Upon written notification from the contractor that the entire work is complete, the Consultant will visit the site to determine if the work is complete as required by the Contract Documents. For the purpose of this task, the Consultant assumes that one final completion site visit will be required. When the work is deemed to be complete by the Consultant and the County, the Consultant will review the contractor’s final application for payment and accompanying documentation and provide a written recommendation of payment to the County. The Consultant will also give written notice to the County and the contractor that the work is acceptable subject to the provisions of Article 16 of the County's General Conditions.

The Consultant will review the contractor's as-built drawings for completeness and compliance with County requirements. This effort shall include the preparation of written comments for submission to the contractor based on the Consultant's review of the as-built drawings.

The Consultant will prepare a final well construction summary report. The report will contain information such as the contractor’s well completion reports, driller’s logs, lithologic logs, geophysical logs, video logs, development data, water quality data, and specific capacity test results. The Consultant shall provide a draft version of the report in digital format (PDF, Word) to the County for review. Consultant shall incorporate comments in a final version of the report. One digital (PDF) copy and up to three (3) hard copies of the final report shall be provided to the County.

C. Deliverables

The Consultant shall prepare and submit to the County, including electronic format when applicable, the following deliverables:

Task	Activity	Deliverable
102	Meetings	Meeting agenda and minutes

Task	Activity	Deliverable
200	Support Services	Not Used
301-302	Final Design Documents	Three (3) 11" x 17" design drawings; one (1) copy of technical specifications; one (1) electronic copy of each; and one (1) hard copy of the Engineers Opinion of Probable Construction Cost
401	Permitting	Permit applications and supporting documentation
501	Bid Documents	One (1) 22" x 34" signed / sealed and one (1) 11" x 17" construction plans; one (1) set of technical specifications (signed / sealed); Schedule of Values; Bid Sheet; Scope of Work; Supplementary and Special Conditions; Engineers Opinion of Probable Construction Cost; one (1) electronic copy of all bid docs in Portable Document Format
502	Pre-bid Meeting	Meeting agenda and minutes
503	Bid Addenda	Responses to bidders questions / comments
504	Bid Recommendation	Recommendation of award
601	Pre-Construction Meeting	Meeting agenda and minutes
602	Contract Documents	Three (3) sets of 22" x 34" conformed construction drawings and technical specifications; written interpretations, clarifications, opinions
603	Shop Drawing Review	Review up to 110 shop drawing submittals for general conformance with Contract Documents
604	Progress Meetings	Meeting agenda and minutes
606	Pay Applications	Written comments on payment applications, as applicable
607	Requests for Information	Written responses to contractors' Requests For Information

Task	Activity	Deliverable
608	Change Orders	Written comments on Change Orders, Allowance Authorization Releases, and Contingency Releases
609	Substantial Completion	Certificate of Substantial Completion (with punch list)
610	Project Close-Out	Certificate of Final Completion; one (1) signed / sealed set (22" x 34") record drawings and two (2) electronic sets (Portable Document Format and AutoCAD); construction completion certifications (as required)
701	Pre-Construction Meeting	Meeting agenda and minutes
702	Contract Documents	Three (3) copies of technical specifications; written interpretations, clarifications, opinions
703	Shop Drawing Review	Review shop drawing submittals for general conformance with Contract Documents
704	Construction Progress Meetings	Attend Monthly Progress meetings with the Owner and Contractor
705	Construction Site Visit	Provide limited field construction observation services at critical stages of construction of the new UFA well at the PCU AWS Facility Supplemental Well.
706	Pay Applications	Written comments on payment applications, as applicable
707	Requests for Information	Written responses to contractor's Requests For Information
708	Change Orders	Written comments on Change Orders, Allowance Authorization Releases, and Contingency Releases
709	Substantial Completion	Certificate of Substantial Completion (with punch list)
710	Project Close-Out	Well Construction Summary Report - One (1) draft review copy, both PDF and Word files, and one (1) final PDF and up to three (3) hard copies.

Anticipated Drawing List:

DWG. NO.	DESCRIPTION
GENERAL SHEETS	
G-001	COVER SHEET
G-002	SHEET INDEX
G-003	GENERAL NOTES
G-004	ABBREVIATIONS, LEGENDS AND SYMBOLS
G-005	PROCESS FLOW DIAGRAM
CIVIL SHEETS	
C-101	EXISTING SITE CONDITIONS
C-102	PROPOSED SITE PLAN
C-103	PROPOSED PAVING, GRADING AND DRAINAGE PLAN
C-104	PROPOSED YARD PIPING PLAN
C-105	PROPOSED STORMWATER POND PLAN AND SECTIONS
C-201	PROPOSED PAVING, GRADING AND DRAINAGE PROFILES
C-301	PROPOSED LANDSCAPING PLAN
C-501	CIVIL DETAILS-1
C-502	CIVIL DETAILS-2
C-503	CIVIL DETAILS-3
C-504	CIVIL DETAILS-4
MECHANICAL SHEETS	
10M-101	WELL PUMP PLAN AND SECTION
20M-101	GROUND STORAGE TANK EXTERIOR PLAN
20M-102	GROUND STORAGE TANK INTERIOR PLAN
20M-301	GROUND STORAGE TANK SECTION
20M-501	GROUND STORAGE TANK DETAILS
20M-502	GROUND STORAGE TANK DETAILS
20M-503	GROUND STORAGE TANK DETAILS
30M-101	CHEMICAL BUILDING PLAN
30M-301	CHEMICAL BUILDING SECTIONS
40M-101	HIGH SERVICE PUMP STATION AND FLOW METER PLAN
40M-301	HIGH SERVICE PUMP STATION AND FLOW METER SECTIONS
40M-302	HIGH SERVICE PUMP STATION AND FLOW METER SECTIONS
50M-101	METER ASSEMBLY PLAN AND SECTION
50M-102	MASTER METER ASSEMBLY PLAN AND SECTION
60M-101	GENERATOR AND FUEL TANK PLAN AND SECTION
MD-501	MECHANICAL DETAILS
MD-502	MECHANICAL DETAILS
STRUCTURAL SHEETS	
S-001	GENERAL STRUCTURAL NOTES
S-101	STRUCTURAL KEY PLAN

S-102	CHEMICAL BUILDING FOUNDATION PLAN
S-103	HIGH SERVICE PUMP STATION FOUNDATION PLAN
S-104	OPERATIONS & ELECTRICAL BUILDING FOUNDATION PLAN
S-105	GENERATOR AND FUEL TANK FOUNDATION PLAN
S-106	WELL PUMP, MAG METER, MASTER METER, PRECHLORINATION, AND PRAW INTERCONNECT FOUNDATION PLAN
S-501	SECTIONS AND DETAILS
S-502	SECTIONS AND DETAILS
ELECTRICAL SHEETS	
E-001	ELECTRICAL LEGEND AND ABBREVIATIONS
E-002	ELECTRICAL SITE PLAN
10-E-101	WELL ELECTRICAL PLANS
20-E-101	GROUND STORAGE TANK ELECTRICAL PLAN
30-E-101	CHEMICAL BLDG. POWER PLAN
30-E-102	LIGHTING, GROUNDING AND LIGHTNING PROTECTION PLAN
40-E-101	HSP STATION ELECTRICAL PLAN
50-E-101	GENERATOR ELECTRICAL PLAN
60-E-101	OPERATIONS AND ELECTRICAL BLDG. POWER & LIGHTING PLANS
60-E-102	OPERATIONS AND ELECTRICAL BLDG. GROUNDING & LIGHTNING PROTECTION PLANS
E-501	ELECTRICAL DETAILS
E-502	ELECTRICAL DETAILS
E-503	ELECTRICAL DETAILS
E-601	SINGLE LINE DIAGRAM
E-602	PANEL AND LIGHT FIXTURE SCHEDULES
E-603	CONDUIT SCHEDULES
E-604	WIRING DIAGRAMS
INSTRUMENTATION SHEETS	
I-001	INSTRUMENTATION LEGEND
I-002	NETWORK ARCHITECTURE
10I-101	WELL PUMP P&ID
20I-101	GROUND STORAGE TANK P&ID
30I-101	CHEMICAL P&ID
40I-101	HIGH SERVICE PUMP STATION P&ID
50I-101	GENERATOR AND ELECTRICAL ROOM P&ID
I-501	DETAILS-1
I-502	DETAILS-2
I-503	DETAILS-3
I-504	DETAILS-4
HVAC	
MP-101	OPERATIONS BUILDING HVAC PLAN
MP-501	OPERATIONS BUILDING HVAC DETAILS
PLUMBING PLAN	

P-101	OPERATIONS BUILDING PLUMBING PLAN
P-501	OPERATIONS BUILDING PLUMBING DETAILS-1
P-502	OPERATIONS BUILDING PLUMBING DETAILS-2

D. Schedule

Consultant will proceed with the services identified herein immediately upon receipt of an executed copy of this Consultant Services Authorization and a formal Notice-to-Proceed from the County. The projected schedule for the performance of services described herein is included as Attachment A-1. An updated electronic version of the Project schedule in Microsoft Project will be provided to the County within 10 working days from the issuance of the Notice-to-Proceed. Delivery of the schedule may be in other electronic formats so long as they accurately portray the approved scope of services with sufficient detail subject to staff approval. Should additional time be required beyond the schedule depicted in Attachment A-1, The Consultant will provide an updated Attachment A-1 (schedule) to the Utilities and Procurement Divisions. Following staff approval, the updated Attachment A-1 will be forwarded by Utilities staff to Procurement staff for inclusion in the contract file with no further administration action required for extension.

E. Compensation

This Consultant Services Authorization establishes a not-to-exceed cost of \$898,223.15 for Services identified herein. Compensation for the services performed under this Consultant Services Authorization shall be on an hourly, not-to-exceed basis using the current hourly rate schedule as set forth in Master Consulting Agreement 2024-011. Other direct costs or expenses incurred in connection with this Consultant Services Authorization will not be invoiced as these expenses have been accounted for in the rate multiplier associated with this Consultant Services Authorization. A summary of the estimated labor costs is provided in Attachment A-2 for reference only. Each invoice submittal shall include a tabular summary of the originally estimated labor costs by phase in accordance with Attachment A-2, fees invoiced to date, and the balance remaining per phase. The transfer of funds between defined phases is not permitted unless approved in advance in writing by the County Utilities Director. To request consideration for such a transfer, the Consultant must submit satisfactory written justification to transfer unused funds from phases with completed tasks or tasks clearly tracking under budget to phases with tasks requiring additional funding. In addition, the transfer of funds shall not exceed the total authorized fee for the Project.

The not-to-exceed cost for this Consultant Services Authorization includes contingency funds in the amount of \$25,000.00. The contingency funds authorized for use on this Consultant Services Authorization may only be expended upon written approval from the County's Utilities Director. Adequate justification must be provided by the Consultant for the release of

contingency funds. Any out-of-scope services performed requiring the release of contingency funds will be considered at-risk and may not be compensated until, or if, written approval is granted by the County's Utilities Director.

The Consultant will minimally provide a consultant invoice summary with each invoice, based on a mutually agreed-upon breakdown of phases and tasks in Attachment A-2 that reflect the effort and deliverables submitted to the County. The summary will depict the overall phases, associated budgets, amounts invoiced to date, and balance remaining. Invoices for compensation submitted by the Consultant will include the reviewed and approved consultant invoice summary, an updated Project schedule, notarized affidavits, and the monthly status report.

Invoices for not-to-exceed projects shall be accompanied by time and task records for all billable hours appearing on the invoice. Additional documentation may be requested by the County and, if so requested, shall be furnished by the Consultant to the County Auditor's satisfaction. In addition, all invoices shall be submitted with the Agreement number, purchase order number, and the Polk County Utilities Project and Records Room numbers on the invoice.

The Consultant agrees that, in the event that design errors and / or omissions are discovered during construction, all services rendered by the Consultant to correct said design errors and / or omissions will be considered out-of-scope services and shall not be invoiced to the County.

F. County's Responsibilities

The County will provide the following information to the Consultant and / or perform the following services related to the Project:

- Project Manager and single point of contact
- Timely reviews of deliverables with consolidated comments
- County shall be responsible for level three and/or four approval, including conditional use (Polk County Growth Management)

G. Services Not Included

The following services are not included in the Scope of Services for the Project:

- Resident Project Representative services (RPR)
 - WUP Modification (to be accomplished under a separate assignment)
 - Level Three or Four Approval, including Conditional Use (Polk County Growth Management)
-

H. Assumptions

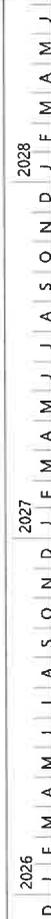
The Scope of Services and compensation arrangement outlined in this Consultant Services Authorization are based on the following assumptions:

- County will pay for development review and permitting fees.
- The Final Design scope assumes the water quality from the proposed onsite well will meet water quality regulatory standards with treatment by cascade tray aerator and disinfection only. Design will include allowances for addition of corrosion inhibitor at a future date.
- Consultant has not included any traffic or turn lane studies in this effort.
- The construction contractor will utilize the final conformed documents provided by the Consultant to obtain all necessary building permits.
- The decommissioning and demolition of the Edgehill Facility will be completed under a separate contract.
- On-site sewer will be discharged to septic tank and drain field as directed by County.

Attachment A-1

NERUSA PRWC AWS Receiving Facility A-1 Schedule: 12/08/2025

ID	Task Name	Duration	Start	Finish
1	NTP	1 day	Mon 1/12/26	Mon 1/12/26
2	Phase 100 Project Management	855 days	Tue 1/13/26	Tue 5/16/28
3	Kick off Meeting	1 day	Tue 1/13/26	Tue 1/13/26
4	Phase 200 Support Services (NOT USED)			
5	Phase 300 Final Design	225 days	Tue 1/13/26	Tue 8/25/26
6	Task 301 60% Design Documents	125 days	Tue 1/13/26	Sun 5/17/26
7	60% Design Documents	110 days	Tue 1/13/26	Sat 5/2/26
8	County Review Period - 60%	14 days	Sun 5/3/26	Sat 5/16/26
9	60% Review Meeting	1 day	Sun 5/17/26	Sun 5/17/26
10	Task 302 90% Design Documents	100 days	Mon 5/18/26	Tue 8/25/26
11	90% Design Documents	85 days	Mon 5/18/26	Mon 8/10/26
12	County Review Period - 90%	14 days	Tue 8/11/26	Mon 8/24/26
13	90% Review Meeting	1 day	Tue 8/25/26	Tue 8/25/26
14	Phase 400 Permitting Services	180 days	Tue 8/11/26	Sat 2/6/27
15	Task 401 Specific Permit to Construct Public Water System Components	90 days	Tue 8/11/26	Sun 11/8/26
16	Task 402 Environmental Resources Permit	65 days	Tue 8/11/26	Wed 10/14/26
17	Task 403 Polk County Land Development	180 days	Tue 8/11/26	Sat 2/6/27
18	Phase 500 Bid Phase Services	180 days	Wed 8/26/26	Sun 2/21/27
19	Bid Services	180 days	Wed 8/26/26	Sun 2/21/27
20	Phase 600 AWS Facility Construction Services	450 days	Mon 2/22/27	Tue 5/16/28
21	AWS Facility Construction Services	450 days	Mon 2/22/27	Tue 5/16/28
22	Phase 700 Well Construction Services	120 days	Sat 3/14/26	Sat 7/11/26
23	Well Construction Services	90 days	Sat 3/14/26	Thu 6/11/26
24	Receive Water Quality Results	30 days	Fri 6/12/26	Sat 7/11/26



Legend for task types and milestones:

- Task**: Solid blue bar
- Split**: Dotted blue bar
- Milestone**: Diamond symbol
- Summary**: Solid grey bar
- Project Summary**: Dashed grey bar
- Inactive Task**: Dotted blue bar
- Inactive Milestone**: Diamond symbol
- Inactive Summary**: Dotted grey bar
- Manual Task**: Solid blue bar
- Duration-only**: Dotted grey bar
- Manual Summary Rollup**: Solid blue bar
- Manual Summary**: Solid grey bar
- Start-only**: Dotted blue bar
- Finish-only**: Dotted grey bar
- External Tasks**: Dotted grey bar
- External Milestone**: Diamond symbol
- Deadline**: Solid blue bar
- Progress**: Solid green bar
- Manual Progress**: Solid green bar

EXHIBIT "B"
Dewberry Engineers Inc.
Labor and Overhead
Polk County, FL

Direct Labor		1.0000
Fringe Benefits		0.5051
Overhead/General/Administrative		1.0201
Direct Cost Adjustment		0.0500
<hr/>		
Subtotal		2.5752
Profit	15%	0.3863
<hr/>		
Total		2.9615

EXHIBIT B
Dewberry Rates

Labor Category	Low	High
Admin I	\$64.94	\$78.48
Admin II	\$102.88	\$124.34
CADD Tech I	\$80.30	\$97.04
CADD Tech II	\$102.34	\$123.68
Cadd Tech Mgr	\$127.98	\$154.67
Eng I	\$109.01	\$131.74
Eng II	\$126.57	\$152.98
Eng III	\$141.31	\$170.78
Eng IV	\$153.60	\$185.64
Eng V	\$194.72	\$235.33
Eng VI	\$220.31	\$266.27
Eng VII	\$253.93	\$306.90
Eng VIII	\$272.81	\$329.71
Eng IX	\$326.17	\$394.20
GIS II	\$98.08	\$118.54
GIS III	\$103.26	\$124.80
GIS IV	\$110.21	\$133.20
GIS V	\$140.70	\$170.04
GIS VI	\$187.85	\$227.03
GIS VII	\$267.93	\$323.81
Prof I	\$91.88	\$111.05
Prof II	\$116.21	\$140.46
Prof III	\$146.35	\$176.87
Prof IV	\$166.35	\$201.05
Prof V	\$190.72	\$230.50
Prof VI	\$223.33	\$269.92
Prof VII	\$239.99	\$290.05
Prof VIII	\$269.04	\$325.15
Principal	\$340.49	\$411.49

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