



CONTRACT AMENDMENT

This Amendment #2 ("Amendment") for the Design & Permitting for Hogpen Slough Stormwater Treatment Area under Contract #20230061 ("the Contract"), by and between the City of Port St Lucie and the Engineer, as defined below, shall be effective as of the date this Amendment is fully executed.

Engineer's Full Legal Name:	WGI, Inc.
Solicitation No./Event ID:	20230061
Solicitation Title/Event Name:	Design & Permitting of Hogpen Slough Stormwater Treatment Area
Contract Award Date:	January 22, 2024
Initial Contract Term:	January 29, 2024 to September 25, 2024 (Two hundred and forty (240) calendar days with no renewal options).
Current Contract Expiration Date:	September 25, 2025
Requested Contract Expiration Date:	March 25, 2026 (180-day extension)
Initial Contract Amount:	\$225,653.00
Current Contract Amended Amount:	\$225,653.00
Requested Financial Change Amount:	\$216,520.00
New Contract Amount:	\$442,173.00
Amendment No.:	2
Amendment Type:	Increase of Commodities

WHEREAS, the Contract, including any previous amendments, is in effect through the Current Contract Expiration Date, as defined above; and

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties do hereby agree as follows:

The following modifications to the Terms and Conditions contained in Contract are hereby incorporated and made a part of that Contract.

- 1. EXTENSION.** The parties hereby agree that the Contract will be renewed for an additional period, as follows:
- a. Renew Contract term for an additional one hundred and eighty (180) days, as follows:
 - Beginning Date of Amendment Term: **September 26, 2025**
 - End Date of Amendment Term: **March 25, 2026**
 - b. The parties agree the Contract will expire at midnight on the date defined as the "End Date of Amendment Term" unless the parties agree to extend the contract for an additional period of time. Such agreement must be written and signed by both parties.

2. ADDITIONAL SCOPE.

Task 1.1	Design Survey	Completed in Phase 1
Task 1.2	Subsurface Soils Exploration and Geotechnical Evaluation	Completed in Phase 1
Task 1.3	Final Drainage Study	\$18,250.00

Engineer shall provide a build on the preliminary drainage study and finalize the report utilizing information from the Savannas Regional Restoration Project-Phase I- Water Management & Natural Systems Evaluation Report prepared for Martin County in April 2018. The City will ask Martin County for the latest ADICPR version 4 model. This is the most recent model of the area. The Engineer will need to perform a hydrologic and hydraulic analysis of the proposed system to ensure there are no impacts to the surrounding area.

The Engineer will perform a pollutant loading calculation to maximize reductions in pollutants with the proposed project. Information from the model will be used to obtain grants and to report reductions toward the St. Lucie River and Estuary Basin Management Action Plan (BMAP).

Task 1.4	Preliminary Site Plans	Completed in Phase 1
Task 1.5	Final STA Design	\$139,270.00

Task 1.5.1 Civil Design

Engineer shall prepare the final detail plans for the STA project which includes the components in the scope of work. The plans shall include the appropriate details to allow the project to be both permitted through the jurisdictional agencies and well as bid for construction and be submitted to the City for review and approval. The plans shall include but not be limited to the following components:

- Key Sheet;
- General Notes & Quantities Sheet;
- Drainage Plan;
- Project Layout Sheets;
- Plan View Sheets;
- Typical details;
- Clearing Plan;
- STA Construction Plans;
- Stormwater Pollution Prevention Plan;
- Geotechnical Report
- Exotic Vegetation Removal and Mitigation Plan

Task 1.5.2 Wetland Design

Engineer shall prepare the final detail plans for the STA project which includes the components in the scope of work. The plans shall include the appropriate details to allow the project to be both permitted through the jurisdictional agencies as well as bid for construction and be submitted to the City for review and approval. The plans shall include but not be limited to the following components:

- Key Sheet;
- General Notes & Quantities Sheet;
- Plan View Sheets;
- Typical details;
- Clearing Plan;
- STA Construction Plans;
- Exotic Vegetation Removal and Mitigation Plan

Task 1.5.3 Electrical Design

The City has commissioned a stormwater management project to improve the Hogpen Slough with a new stormwater pumping station and improvements to an existing two (2) gate weir structure. The new pump station will generally consist of two pumps in a vault and a pump house for control and power equipment. The existing two (2) gate weir structure along US Highway 1 will be replaced with the new two (2) gate structure immediately upstream; the existing gate structure has utility power present and communicates over the City's fiber optic network through an existing fiber optic cable at the structure location. The City desires a new gate control panel for the gate structure with gate controls and remote communication. The new pump station will require utility power; there is an overhead three phase power line in the area of the proposed pump station that may be a

candidate for the power. Coordination with FPL will be required. Communications from the pump station and gate control structure will be over a cellular connection to a cloud-based SCADA system that the City is presently deploying on other recent projects.

Work Scope Breakdown:

- Project Kick-off Meeting
- Final Design Documents (Drawings, Specifications, Cost Opinion)
- Final Design Review Meeting with WGI and City
- Permitting Design Documents (Drawings, Specifications)
- Issue for Bid Documents
- FPL coordination for new utility service

Assumptions:

- Engineer shall provide all printing of contract documents to the City and contractors
- No structural, architectural, mechanical, HVAC, or civil design or engineering is included in this proposal
- No short circuit, device coordination or arc flash study is included in this proposal; this will be provided by the construction contractor
- No construction phase services are included in this proposal
- No bid phase services are included in this proposal
- No construction phase services are included in this proposal

Anticipated drawings: Electrical: ▪ Legend and Symbols -1 Sheet

- Electrical General Notes and Specifications – 1 Sheet
- Site Plan – Pump Station– 1 Sheet
- Site Plan – Gate Structure – 1 Sheet
- Pump Station Electrical Plan – Power/Grounding/Lighting – 1 Sheet
- Gate Structure Electrical Plan - Power/Grounding/Lighting- 1 Sheet
- One Line and Riser Diagrams – 1 Sheet
- Schematic Diagrams – 1 Sheet
- Schedules – 1 Sheet
- Details – 3 Sheets
- Control, Instrumentation, Telemetry: ▪ Legend and Symbols -1 Sheet
- Pump Station P&ID – 1 Sheet
- Gate Structure P&ID -1 Sheet
- Pump Station Control Panel Details – 2 Sheets
- Gate Structure Control Panel Details – 2 Sheets
- Details – 2 Sheets

Task 1.5.4 Structural Design

1. Pump Station Structural Design

The Engineer will provide structural engineering services for the design, calculations, detailing and construction documents for the pump station structure. The design and construction documents will provide details of the associated erosion protection at the discharge interface. This proposal does not include soil investigation, associated environmental permitting or construction phase services.

2. Weir Replacement:

The Engineer will utilize the survey and geotechnical information provided to provide calculations and construction documents for the design of a cantilevered steel sheet pile weir with an integral concrete cap at the location indicated on the "Hogpen Slough Improvement Project Civil Engineering Plans – Preliminary Plan Set". Construction documents, details and specifications will be produced for the weir replacement.

Task 1.6 Project Permitting **\$20,500.00**

Engineer shall provide a comprehensive permit submittal for the construction of the project. The South Florida Water Management District Environmental Resource Permit (ERP) shall be submitted as the lead agency permitting for the environmental based permits required from the state and federal agencies:

- South Florida Water Management District Environmental Resource Permit (ERP Stormwater Application, De minimus Exemption for Geotechnical Exploration, and Wetland Permitting Section C prepared under 2.4.3 Below)
- Florida Department of Environmental Protection (FDEP)
- US Army Corps of Engineers (ACOE) – Addressed under 2.4.3 Below
- Florida Fish & Wildlife – Addressed under 2.4.3 Below
- Florida Department of Transportation (FDOT)
- City of Port St. Lucie Utility Systems Department

Engineer will respond to all necessary requests for additional information (RAI) from the SFWMD and ACOE.

Task 1.7 Project Representation **\$10,500.00**

- Project Management and Administration
- Progress meetings for the estimated 6-month design and permitting process;
- City Plan review process (Based upon 1 meeting);
- City Council Update and Informational meetings (Based upon 1 meeting);
- Jurisdictional pre-application and approval meetings; and (Based upon 4 meetings).

Phase 2 Environmental Assessment:

The Engineer will review readily available information to identify potential ecologically sensitive areas (i.e., wetland mitigation areas, preserves, listed species habitat), State resources (water management district / FDEP) and County environmental records to assess whether previous wetland delineations and/or wetland permits have been issued for the property. The Engineer will

conduct field reconnaissance during one site visit.

Task 2.1 Protected Species Survey \$7,500.00

A field reconnaissance for protected species will be conducted in accordance with Florida Fish and Wildlife Conservation Commission (FWWCC) Guidelines. The Engineer's biologists will record all observations of listed protected species and features that may indicate species presence. Physical features may include, but are not limited to, tree markings, burrows, tracks, nests, scat and cavity trees. Due to our knowledge of the area and habitat, we initially included a scope and fee for a specific survey for gopher tortoises however that work is not included under this scope and will be revisited closer to construction beginning. If other species-specific surveys are required for permitting, the Engineer will provide a separate scope and fee.

2.1.1 Endangered Species Act IPaC Review

1. The Engineer will prepare a technical memorandum for the United States Fish and Wildlife Service (USFWS) seeking concurrence with the effect determinations made for the Everglade Snail Kite, Wood Stork, Crested Caracara, Eastern Black Rail, Florida Scrub Jay, Red-cockaded Woodpecker, and Eastern Indigo Snake under the Endangered Species Act.
2. The Engineer will submit the technical memorandum to the USFWS via the Information for Planning and Consultation (IPaC) portal.
3. Species-specific surveys are not included in the scope of this proposal. The Engineer shall prepare a summary of findings regarding potential impacts to the above listed species along with supporting exhibits to the USFWS; and
4. If FWS does not concur with the findings of the technical memorandum, a separate work authorization will be required to address species-specific consultation requirements.

Task 2.2 Vegetation (FLUCCS) Survey Completed in Phase 1

Task 2.3 SCS Soils Survey Completed in Phase 1 Task 2.4 Agency Coordination \$20,500.00

The Engineer will prepare a report based on data compiled from the above tasks. The report will discuss the findings of the protected species survey, vegetative survey and soil survey.

2.4.1 Gopher Tortoise Survey Update Not part of this scope. To be valid for permitting, the gopher tortoise survey must be done no earlier than 90 days prior to construction. If an updated survey is required due to delays in construction timing, construction phasing, or other factors beyond the control of the Engineer, the Engineer will perform an updated survey under this contingent task.

2.4.2 Wetland Delineation Completed in Phase 1

2.4.3 Environmental Permitting / Agency Coordination

The Engineer will coordinate with State and Federal agencies for applicable issues related to wetlands, protected species and protected habitats. Agencies may include:

- South Florida Water Management District
- US Army Corps of Engineers
- Florida Fish & Wildlife
- US Fish & Wildlife
- Environmental Protection Agency

The Engineer will identify the permits that will be required. The base fee assumes the following level of permitting:

- a. SFWMD Environmental Resource Permit (ERP): Standard Permit
- b. FDEP State 404 Permit Program: Individual Permit.

The Engineer will identify possible environmental issues and constraints, permit application requirements; avoidance, minimization, and mitigation options; and potential constraints and other environmental issues including mitigation types and quantities for mitigation.

2.4.3.1 Mitigation Plan

The Engineer will develop a mitigation plan that is based on all mitigation being performed by purchasing credits at an offsite mitigation bank. The Bluefield Ranch Mitigation Bank (BRMB) services this area. The Engineer will determine if BRMB has credits available and the associated costs. If credits are available, the Engineer will coordinate the reservation letter with BRMB.

2.4.3.2 Application Package

Application Package: The Engineer will assemble the portions of the application packages that pertain to wetlands (not stormwater management / drainage). This task includes the preparation of Section C of the ERP application and a supplemental Environmental Report that communicates project justification, discusses elimination or reduction of impacts, describes unavoidable wetland and surface water impacts and mitigation measures, calculates proposed dredge and fill, discusses potential impacts to threatened or endangered species and their habitats, and includes plan view drawings. The stormwater engineering design, drainage calculations, and other parts of the environmental permit application are not included in this task.

RAIs: The Engineer will respond to up to two rounds of comments on wetlands by each of regulatory agencies. If more than two RAIs are received, the Engineer will respond to subsequent RAI(s) on a Time and Materials basis utilizing the contract Fee Schedule.

Provision of any fees required by the regulatory agencies are the responsibility of the City.

Basis of Permitting Proposal:

- Should species-specific surveys and permitting be required by regulatory agencies, these tasks will be addressed through an additional work authorization.
- Initial clearing of invasive vegetative species and subsequent maintenance requirements can be addressed under separate work authorization once permitting is completed and specific maintenance and management plans have been approved.
- Efforts under the "Environmental Assessment" task and/or other environmental evaluations does not infer evaluations as under the National Environmental Policy Act (NEPA).

BASIS OF THIS SCOPE

This scope is based on the following:

1. The Engineer shall be entitled to rely on the completeness and accuracy of all information provided by City. Information requested by the Engineer during the project will include, but may not be limited to, the building floor plans; plumbing, utilities, and roof drain plans; environmental assessments; geotechnical reports; and survey (with CAD file);
2. Civil engineering specifications and details will be included in the construction plans;
3. It is anticipated water and sanitary sewer improvements are not required for the site;
4. It is anticipated the proposed drainage improvements will include improvements to the existing Hogpen Slough and creation of a Stormwater Treatment Area to accommodate water quality requirements. The earthen berm option is anticipated for design under this contract. The bulkhead separation of cells is no longer included;
5. Significant site plan modifications will require an amendment to this Contract. The Engineer will submit a separate proposal for those services;
6. Additional submittals and coordination with permitting agencies not due to the Engineer's work will be invoiced on an hourly basis;
7. Coordination and design of proposed electrical, telephone, television, and gas utilities shall be completed by others. The Engineer will exchange drawings with these utilities for coordination purposes and to incorporate their existing and proposed features into our plans for conflict resolution and informational purposes;
8. Subsurface Utility Engineering (SUE), utility designations, and pot-holing services will be provided if needed, and a separate proposal will be submitted once the scope is determined;
9. The project will be designed and permitted under one phase;
10. Construction phase services are not included and will be provided under a separate scope/fee if required;
11. Gopher Tortoise relocation permitting and relocation services are not included and will be provided under a separate scope/fee if required; and
12. Services not included: Structural, Landscape Architecture, Architectural, Irrigation, Lighting, Title Search, Traffic, Environmental, and Geotechnical.

INFORMATION REQUIRED

The following additional information will be required to begin design services on this project:

1. Previous Permit and as-builts prepared by or for the City for Hogpen Slough;
2. Drainage studies or models with information about flow through the corridor.
3. Any additional optional services requested by City will be provided in accordance with the Engineer's hourly fee schedule in effect at the time of service, or a fixed fee to be negotiated once a scope of service is defined.

3. COMPENSATION TABLE.

Phase 2

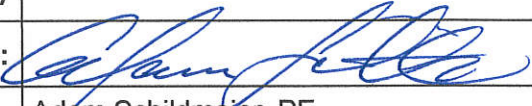
Hogpen Slough STA Fee Summary		
Task No.	Task Description	Fee (\$)
1.1	Design Survey	\$0.00
1.2	Geotechnical	\$0.00
1.3	Drainage Study	\$18,250.00
1.4	Preliminary Site Plan	\$0.00
1.5	Final STA Design	\$139,270.00
1.6	Project Permitting	\$20,500.00
1.7	Project Representation	\$10,500.00
Phase 2	Environmental Assessment:	
2.1	Protected Species Survey	\$7,500.00
2.2	Vegetation (FLUCCS) Survey	\$0.00
2.3	SCS Soils Survey	\$0.00
2.4.1	2.4.1 Gopher Tortoise Preliminary Reconnaissance	\$0.00
2.4.2	Wetland Delineation	\$0.00
2.4.3	Environmental Permitting / Agency Coordination	\$20,500.00
	Total	\$216,520.00

- 4. SUCCESSORS AND ASSIGNS.** This Amendment shall be binding upon and inure to the benefit of the successors and permitted assigns of the parties hereto.
- 5. ENTIRE AGREEMENT.** Except as expressly modified by this Amendment, the Contract, including any written amendments thereto, shall be and remain in full force and effect in accordance with its terms and shall constitute the legal, valid, binding, and enforceable obligations of the parties. This Amendment and the Contract, including any written amendments thereto, collectively, are the complete agreement of the parties and supersede any prior agreements or representations, whether oral or written, with respect thereto.

Balance of page left intentionally blank

IN WITNESS WHEREOF, the parties have caused this Amendment to be duly executed by their authorized representatives.

ENGINEER

Engineer's Full Legal Name: (PLEASE TYPE OR PRINT)	Adam Schildmeier, PE Market Leader, Civil; WGI, Inc.
Authorized Signature:	
Printed Name and Title of Person Signing:	Adam Schildmeier, PE Market Leader, Civil; WGI, Inc.
Date:	08/26/2025
Company Address:	548 NW Mercantile Place, Port St. Lucie, FL 34986

CITY OF PORT ST. LUCIE

Authorized Signature:	
Printed Name and Title of Person Signing:	Caroline Sturgis, Director, Office of Management & Budget, and Procurement
Date:	
City Address:	121 S.W. Port St. Lucie Blvd., Port St. Lucie, FL 34984