

**City of Sanibel – Donax Water Reclamation Facility Post Hurricane Ian Improvements Project
Approval of Professional Services Proposal by Tetra Tech, Inc.**

This agreement constitutes a work order made through and under the Professional Services Agreement between OWNER and CONSULTANT for Hurricane Ian Architectural and Engineering professional services dated October 3, 2023, the terms and conditions of which are still in full force and effect, except as modified herein.

Services not set forth, or not listed or described herein, are expressly excluded from the Scope of the Professional Services of the CONSULTANT. The CONSULTANT assumes no responsibility to perform any service not specifically identified and/or otherwise described in this Proposal.

SCOPE OF SERVICES

PROFESSIONAL SERVICE OF THE CONSULTANT:

The City of Sanibel (City) owns and operates the Donax Wastewater Reclamation Facility (WRF) located at 930 Donax St., Sanibel, FL 33957. The CITY has identified several improvements to be implemented at the Donax WRF. The following improvements, which are further described in the following sections, will be completed as part of this project:

1. Supplemental Carbon System to Mitigate Post-Ian Reduced Influent CBOD
2. Wastewater Collection System SCADA Control Room Improvements
3. Sodium Hypochlorite Feed Line Hardening
4. Replace Effluent Flow Meter
5. Chlorine Contact Tank No. 1 Repairs and Coating
6. Internal Recycle Pumping Systems to Mitigate Post-Ian Reduced Influent CBOD
7. Replacement of Inlet Valves for Fine Screens
8. Permitting
9. Bidding
10. Project Management

The services provided herein are separated by tasks to provide the CITY with flexibility to use these services as needed. If the CITY decides to not use specific tasks included in this Scope of Services, a written notice will be provided to Tetra Tech indicating that no work needs to be completed for the specific task and, therefore, no billing will be issued under the specific task. The scope is prepared with

the understanding that all Tasks will be included in one construction package, and therefore, one set of drawings and specifications will be provided for bidding and permitting.

TASK 1 – SUPPLEMENTAL CARBON SYSTEM TO MITIGATE POST-IAN REDUCED INFLUENT CBOD

A. Data Review and Technical Memorandum.

CONSULTANT will review plant operating data post-Hurricane Ian, chemical usage, and delivery vehicle capacities, and subsequently confirm sizing for the storage vessel and chemical metering pumps. CONSULTANT will conduct a field visit to perform a structural analysis to determine the advisability of reusing/modifying an existing concrete slab and pedestals for support of the bulk storage tank. Also, CONSULTANT will review the flood zone of the WRF to determine minimum base flood elevation (BFE) such that the Micro-C system supports are raised to an elevation of at least BFE + 1 foot of additional height as a safety factor. CONSULTANT will prepare a draft technical memorandum summarizing the findings conclusions and recommendations resulting from the above efforts. The memorandum will also include graphics and equipment data to clearly present the size, type, and configuration of the proposed facilities. The memorandum will include a preliminary engineer's opinion of probable construction cost (EOPCC). CONSULTANT will meet the CITY to discuss the memorandum and revise the document pursuant to review comments.

B. Bid Package Development

CONSULTANT will prepare drawings and technical specifications for the proposed supplemental carbon storage and feed facilities identified in the technical memorandum. Documents will be prepared in sufficient detail to facilitate competitive bidding. Review meetings will be conducted at 50- and 100-percent completion levels to obtain and implement input from the CITY. At each level of completion CONSULTANT will prepare and submit an EOPCC. A preliminary sheet list is presented below.

General

Process Flow Diagram

Civil

Erosion Control

Yard Piping (1 sheets)

Details

Structural

Structural Notes

Existing Concrete Supports Demolition Plan

Proposed Concrete Supports Plan and Sections

Details

Process/Mechanical

Micro-C System Plan
Micro-C System Storage Tank Sections
Micro-C Metering Pumps Sections
Micro-C System 3D Perspective
Details

Electrical

Electrical Notes
Electrical Legends
Micro-C System Electrical Plan
Micro-C System Lighting Protection & Grounding Plan
Micro-C System Panel & Conduit Schedules
Electrical Details

Instrumentation

Instrumentation Legends
Micro-C System P&ID

TASK 2 –WW COLLECTION SYSTEM SCADA CONTROL ROOM IMPROVEMENTS

The CITY intends to upgrade the existing Wastewater Collection System SCADA Control Room.

A. Data Review and Technical Memorandum.

CONSULTANT will present renderings to the CITY and discuss options and refinements. Subsequently, CONSULTANT will prepare a technical memorandum and updated renderings of the agreed upon improvements as well as an EOPCC.

B. Bid Package Development.

CONSULTANT will prepare drawings and technical specifications for the proposed improvements identified in the technical memorandum. Documents will be prepared in sufficient detail to facilitate competitive bidding. Review meetings will be conducted at 50- and 100-percent completion levels to obtain and implement input from the CITY. At each level of completion CONSULTANT will prepare and submit an EOPCC. A preliminary sheet list is presented below.

Architectural

Abbreviations & Symbols
General Notes & Finish Schedule
Demolition Plan & Schedule
Floor Plan & Life Safety Plan
Reflected Ceiling Plan & Elevations

Renderings
Details

Plumbing

Abbreviations & Symbols
General Notes & Equipment Schedule
Plumbing Plan
Plumbing Riser Diagram
Details

Electrical

General Notes & Panel Schedule
Electrical Plan & Lighting Plan
Details

TASK 3 –SODIUM HYPOCHLORITE FEED LINE HARDENING

The existing sodium hypochlorite feed lines are single conduit with no containment. New sodium hypochlorite feed lines will be installed in a carrier pipe with tubing and pull boxes.

A. Data Review and Technical Memorandum.

CONSULTANT will present sketches to the CITY and discuss options and refinements. Subsequently, CONSULTANT will prepare a technical memorandum and sketches of the agreed upon improvements as well as an EOPCC.

B. Bid Package Development.

CONSULTANT will prepare drawings and technical specifications for the proposed improvements identified in the technical memorandum. Documents will be prepared in sufficient detail to facilitate competitive bidding. Review meetings will be conducted at 50- and 100-percent completion levels to obtain and implement input from the CITY. At each level of completion CONSULTANT will prepare and submit an EOPCC. A preliminary sheet list is presented below.

Process/Mechanical

Piping Plan & Details

TASK 4 – REPLACE EFFLUENT FLOW METER

New effluent flow meter and plug valves will be installed on either side of the effluent flow meter to provide isolation capacity for routine maintenance of the flow meter.

A. Data Review and Technical Memorandum.

CONSULTANT will present sketches to the CITY and discuss options and refinements. Subsequently, CONSULTANT will prepare a technical memorandum and sketches of the agreed upon improvements as well as an EOPCC.

B. Bid Package Development.

CONSULTANT will prepare drawings and technical specifications for the proposed improvements identified in the technical memorandum. Documents will be prepared in sufficient detail to facilitate competitive bidding. Review meetings will be conducted at 50- and 100-percent completion levels to obtain and implement input from the CITY. At each level of completion CONSULTANT will prepare and submit an EOPCC. A preliminary sheet list is presented below.

Process/Mechanical
Piping Plan & Details

TASK 5 – CHLORINE CONTACT CHAMBER 1 REPAIRS & COATING

Exposed areas of the existing Chlorine Contact Chamber No. 1 (CCT 1) appear to be corroded over the high water level. Services for structural repairs of CCT 1 will be provided under this task.

A. Data Review and Technical Memorandum.

CONSULTANT inspect the chlorine contact tank and document the condition of the existing structure and prepare a schedule of recommended repairs and well as a suggested coating system. Subsequently, CONSULTANT will prepare a draft technical memorandum summarizing findings conclusions and recommendations. The memorandum will include photographs, a plan view with repair schedule, and an EOPCC. CONSULTANT will meet the CITY to discuss the memorandum and revise the document pursuant to review comments.

B. Bid Package Development.

CONSULTANT will prepare drawings and technical specifications for the proposed improvements identified in the technical memorandum. Documents will be prepared in sufficient detail to facilitate competitive bidding. Review meetings will be conducted at 50- and 100-percent completion levels to obtain and implement input from the CITY. At each level of completion CONSULTANT will prepare and submit an EOPCC. A preliminary sheet list is presented below.

Structural
Structure Plan with Noted Repairs
Sections with Noted Repairs
Photographs
Repair Schedule & Details

TASK 6 – INTERNAL RECYCLE PUMPING SYSTEMS TO MITIGATE POST-IAN REDUCED INFLUENT CBOD

This task consists of the evaluation and final design of new internal recycle pumps to return mixed liquor from the aerobic zone to the anoxic zone.

A. Data Review and Technical Memorandum.

CONSULTANT will review plant operating data, BioWin modeling and project record documents and determine the location, capacity, and configuration of the proposed submersible internal recycle pumps in each process train. CONSULTANT will prepare a draft technical memorandum summarizing the findings conclusions and recommendations resulting from the above efforts. The memorandum will also include graphics and equipment data to clearly present the size, type, and configuration of the proposed facilities. The memorandum will include a preliminary engineer's opinion of probable construction cost (EOPCC). CONSULTANT will meet the CITY to discuss the memorandum and revise the document pursuant to review comments.

B. Bid Package Development

CONSULTANT will prepare drawings and technical specifications for the proposed improvements identified in the technical memorandum. Documents will be prepared in sufficient detail to facilitate competitive bidding. Review meetings will be conducted at 50- and 100-percent completion levels to obtain and implement input from the CITY. At each level of completion CONSULTANT will prepare and submit an EOPCC. A preliminary sheet list is presented below.

Civil

Partial Site Plan
Yard Piping
Details

Process/Mechanical

Train 1 Mechanical Plan
Train 1 Sections & Details
Train 2 Mechanical Plan
Train 2 Sections & Details
Details

Electrical

Electrical Site Plan
Single Line Diagrams & MCC Elevations
Train1 Electrical & Grounding Plan
Train 2 Electrical & Grounding Plan
Wiring Diagrams

Panel & Conduit Schedules
Electrical Details

Instrumentation

Instrumentation Legends
Internal Recycle Pumping P&ID

TASK 7 – REPLACEMENT OF INLET VALVES FOR FINE SCREENS

To minimize the potential for deposition of soils at the bottom of the valve, the existing gate valves at the fine screens upstream of the membrane bioreactors will be replaced with plug valves.

A. Data Review and Technical Memorandum.

CONSULTANT will present sketches to the CITY and discuss options and refinements. Subsequently, CONSULTANT will prepare a technical memorandum and sketches of the agreed upon improvements as well as an EOPCC.

B. Bid Package Development.

CONSULTANT will prepare drawings and technical specifications for the proposed improvements identified in the technical memorandum. Documents will be prepared in sufficient detail to facilitate competitive bidding. Review meetings will be conducted at 50- and 100-percent completion levels to obtain and implement input from the CITY. At each level of completion CONSULTANT will prepare and submit an EOPCC. A preliminary sheet list is presented below.

Process/Mechanical

Equipment & Piping Plan & Details
Sections & Details

TASK 8 – PERMITTING

A. FDEP Wastewater Permitting.

It is anticipated that all of the improvements generally described above will be covered under single “minor modification” to the CITY’S existing wastewater permit. CONSULTANT will prepare and submit a “Minor Revision to a Wastewater Facility or Activity Permit” (FDEP Form 62-620.910(9)) and supporting documentation to FDEP for the proposed modifications and respond to up to two (2) requests for additional information (RAIs). The CITY will be responsible for all application fees.

B. Building Permit Assistance.

CONSULTANT will assist the selected contractor with securing a building permit from the CITY. Assistance will include providing signed and sealed documents, responding to RAIs, and making minor design revisions. The CITY will be responsible for all application fees.

TASK 9 – BIDDING**A. Bidding Assistance**

CONSULTANT will assist the CITY with bidding services associated with the proposed facilities. Services to include provide finalized figures and specifications in electronic (PDF) format for the CITY's release to potential bidders; attending a Pre-Bid meeting with the CITY; provide technical assistance to the CITY in the CITY's efforts to address questions during bidding and issuance of related addenda; review of bids and recommendation of award; attendance (if necessary) at a council meeting in which the award is to be recommended in order to address any council questions.

B. Conforming Documents

CONSULTANT will summarize all revisions to the bidding documents made by addenda reflect them in a conformed set of drawings and specifications. Other final documents will be included such as the executed bid, agreement, bonds, and insurance certificates.

TASK 10 – PROJECT MANAGEMENT**A. Project Management**

CONSULTANT will perform project management services during the entire project to ensure adequate staffing, schedule maintenance, and proper communication between disciplines and between the CONSULTANT and CITY. CONSULTANT will prepare and submit monthly status reports to the CITY which clearly indicate recent and planned progress, the current schedule, and budget status.

SCHEDULE

The scope of services will be performed in accordance with the following schedule:

Task	Weeks
1. Supplemental Carbon System to Mitigate Post-Ian Reduced Influent CBOD	24
2. Wastewater Collection System SCADA Control Room Improvements	24
3. Sodium Hypochlorite Feed Line Hardening	24
4. Replace Effluent Flow Meter	24
5. Chlorine Contact Tank No 1 Repairs & Coating	24
6. Internal Recycle Pumping System to Mitigate Post-Ian Reduced Influent CBOD	24
7. Replacement Inlet Valves for Fine Screens	24
8. Permitting (Concurrent with Bidding)	28
9. Bidding	36
10. Project Management	36
Note: The sequence of authorization is not known at the time of proposal preparation. The duration of the above tasks are estimates based on stand-alone assignments. It is anticipated that multiple improvements will be simultaneously authorized and be worked on concurrently.	

COMPENSATION

The Price Proposal submitted by CONSULTANT attached hereto as Exhibit A is accepted and summarized as follows:

Definitions:

Lump Sum (LS): Includes all direct and indirect labor costs, personnel related costs, overhead and administrative costs, which may pertain to the services performed, provided and/or furnished by the CONSULTANT as may be required to complete the services in Exhibit A. The total amount of compensation to be paid the CONSULTANT shall not exceed the amount of the total Lump Sum compensation established and agreed to. The portion of the amount billed for CONSULTANT's services which is on account of the Lump Sum will be based upon CONSULTANT's estimate of the portion of the total services actually completed at the time of billing.

Time and Materials (T&M): For the actual hours expended by the CONSULTANT's professional and technical personnel, multiplied by the applicable hourly rates for each classification or position on the CONSULTANT's standard billing rate schedule in effect at the time the services are rendered. The current standard billing rate schedule is attached as Exhibit B. For the services of CONSULTANT's Sub-Consultants engaged to perform or furnish services in Exhibit A, the amount billed to CONSULTANT therefore times a factor of 1.10. The amount payable for Reimbursable Expenses will be the charge actually incurred by or imputed cost allocated by CONSULTANT, therefore times a factor of 1.10.

Estimated Fees: CONSULTANT's estimate of the amount that will become payable for Services (including CONSULTANT's Sub-Consultants and reimbursable expenses) is only an estimate for planning purposes, is not binding on the parties and is not the maximum amount payable to CONSULTANT for the services under this Agreement. Notwithstanding the fact that the estimated amount for the services is exceeded, CONSULTANT shall receive compensation for all Services furnished or performed under this Agreement.

If it becomes apparent to CONSULTANT at any time before the Services to be performed or furnished under this Agreement are about eighty percent complete that the total amount of compensation to be paid to CONSULTANT on account of these Services will exceed CONSULTANT's estimate, CONSULTANT shall endeavor to give CITY written notice thereof. Promptly thereafter CITY and CONSULTANT shall review the matter of compensation for such Services, and either CITY shall accede to such compensation exceeding said estimated amounts or CITY and CONSULTANT shall agree to a reduction in the remaining services to be rendered by CONSULTANT under this Agreement so that total compensation for such Services will not exceed said estimated amount when such services are complete. The CONSULTANT shall be paid for all services rendered if CONSULTANT exceeds the estimated amount before CITY and CONSULTANT have agreed to an increase in the compensation due to CONSULTANT or a reduction in the remaining services.

For the services provided and performed by CONSULTANT for providing and performing the Task(s) set forth and enumerated in Exhibit A entitled "Price Proposal", the CITY shall compensate the CONSULTANT as follows:

ITEM	AMOUNT (Estimated if T&M)
1. Supplemental Carbon System to Mitigate Post-Ian Reduced CBOD	\$74,435
2. Wastewater Collection System SCADA Control Room Improvements	\$41,420
3. Sodium Hypochlorite Feed Line Hardening	\$12,300
4. Replace Effluent Flow Meter	\$11,643
5. Chlorine Contact Tank No 1 Repairs & Coating	\$19,715
6. Internal Recycle Pumping System to Mitigate Post-Ian Reduced Influent CBOD	\$53,900
7. Replacement Inlet Valves for Fine Screens	\$8,188
8. Permitting	\$7,175
9. Bidding	\$15,415
10. Project Management	\$26,860
TOTAL	\$271,050

For services of CONSULTANT's Sub-Consultants engaged to perform or furnish services, the CITY shall compensate the CONSULTANT as follows:

SUB-CONSULTANT	AMOUNT (Estimated if T&M)
Not Applicable	
TOTAL COMPENSATION FOR SUB-CONSULTANT'S SERVICES	

For reimbursable expenses of CONSULTANT, the CITY shall compensate the CONSULTANT as follows:

REIMBURSABLE EXPENSES	AMOUNT (Estimated if T&M)
Airline Fares, hotels, rental car, fuel, courier and express delivery charges, reproduction of plans and reports, photography, field supplies and costs of other materials and/or equipment specifically used for and solely applicable to this project	\$10,000
TOTAL COMPENSATION FOR REIMBURSABLE EXPENSES	\$10,000

TOTAL COMPENSATION INCLUDING CONSULTANT'S SERVICES, SUB-CONSULTANT'S SERVICES & REIMBURSABLE EXPENSES	\$281,050
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EXHIBITS

This Agreement is subject to the provisions of the following Exhibits which are attached to and made a part of the Agreement:

Exhibit A "Price Proposal"

Exhibit B "Standard Billing Rate Schedule"

IN WITNESS WHEREOF, the parties hereto have executed the Agreement to be effective as of the date above.

OWNER:
CITY OF SANIBEL

CONSULTANT:
TETRA TECH, INC.

Signature

 Signature

By: Dana Souza

By: Brenda Keenan, P.E.

Title City Manager

Title Project Manager

Price Proposal		Labor Plan																			
		17 Resource																			
Sanibel Donax WRF - Post Hurricane Ian Improvements	Proj Area >																				
Submitted to: City of Sanibel																			Pricing by Resource		
Contract Type: T&M																					
	Total Labor Hrs																				
Project Phases / Tasks	1,402	155	40	312	166	20	20	14	82	42	12	35	40	30	137	138	100	59	Labor	ODCs	Task Pricing Totals
		271,050																	271,050	10,000	281,050
TASK 1: SUPPLEMENTAL CARBON SYSTEM TO MITIGATE POST- IAN REDUCED INFLUENT CBOD	391	20	12	74	68	12	16	7	24	16	-	-	-	8	60	60	4	10	74,435	-	74,435
A. Data Review & Technical Memorandum	75	6	1	26	16	2	-	2	8	-	-	-	-	-	8	4	-	2	13,595	-	13,595
Review Data & Confirm Sizing	4			4															560		560
Site Visit/Structural Evaluation	10							2	8										2,070		2,070
Flood Elevation Analysis	2					2													500		500
Prepare Preliminary Drawings	28			4	16										4	4			4,640		4,640
Cost Estimate	6			4											2				1,040		1,040
Draft Technical Memorandum	17	2	1	10											2			2	3,045		3,045
Review Meeting/Revise Memorandum	8	4		4															1,740		1,740
B. Bid Package Development	316	14	11	48	52	10	16	5	16	16	-	-	-	8	52	56	4	8	60,840	-	60,840
General Sheets - Low Complexity (4)	11		3		8														2,295		2,295
Civil Sheets - Low Complexity (4)	26					10	16												4,900		4,900
Structural Sheets - Low Complexity (4)	32							4	12	16									5,780		5,780
Mechanical Sheets - Moderate Complexity (2)	52	4	4	16	28														9,080		9,080
Mechanical Sheets - Low Complexity (3)	33	2	3	12	16														5,765		5,765
Electrical Calculations	10													2	8				2,470		2,470
Electrical Sheets - Low Complexity (6)	73													3	26	40	4		15,125		15,125
Instrumentation Sheets - Low Complexity (2)	26													2	8	16			5,350		5,350
Prepare Specifications	25		1	8				1	4					1	4			6	4,385		4,385
Cost Estimate	6			4											2				1,040		1,040
Attend Review Meetings/Prepare Minutes	22	8		8											4			2	4,650		4,650
TASK 2: WASTEWATER COLLECTION SYSTEM SCADA CONTROL ROOM IMPROVEMENTS	212	4	-	-	-	-	-	-	-	-	10	33	40	-	13	16	94	2	41,420	-	41,420
A. Data Review & Technical Memorandum	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	3,440	-	3,440
Prepare Sketches & Renderings	8																8		1,720		1,720
Cost Estimate	4																4		860		860
Technical Memorandum	4																4		860		860
B. Bid Package Development	196	4	-	-	-	-	-	-	-	-	10	33	40	-	13	16	78	2	37,980	-	37,980
Architectural Sheets - Low Complexity (7)	64																64		13,760		13,760
Plumbing Sheets - Low Complexity (5)	74										10	24	40						12,110		12,110
Electrical Calculations	2														2				480		480
Electrical Sheets - Low Complexity (3)	24														8	16			4,800		4,800
Prepare Specifications	16											8			2		4	2	3,070		3,070
Cost Estimate	4											1			1		2		860		860
Attend Review Meetings/Prepare Minutes	12	4															8		2,900		2,900
TASK 3: SODIUM HYPOCHLORITE FEED LINES HARDENING	68	12	4	32	16	-	-	-	-	-	-	-	-	-	-	-	-	4	12,300	-	12,300
A. Data Review & Technical Memorandum	17	1	1	14	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,725	-	2,725
Prepare Sketches	8			8															1,120		1,120
Cost Estimate	2			2															280		280
Technical Memorandum	7	1	1	4														1	1,325		1,325
B. Bid Package Development	51	11	3	18	16	-	-	-	-	-	-	-	-	-	-	-	-	3	9,575	-	9,575
Mechanical Sheets - Low Complexity (2)	27	3	2	6	16														4,855		4,855
Prepare Specifications	4		1	2														1	750		750
Cost Estimate	2			2															280		280
Attend Review Meetings/Prepare Minutes	18	8		8														2	3,690		3,690
TASK 4: REPLACE EFFLUENT FLOW METER	65	6	3	28	10	-	-	-	-	-	-	-	-	3	4	8	-	3	11,643	-	11,643
A. Data Review & Technical Memorandum	13	1	1	10	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2,165	-	2,165
Prepare Sketches	4			4															560		560
Cost Estimate	2			2															280		280
Technical Memorandum	7	1	1	4														1	1,325		1,325
B. Bid Package Development	52	5	2	18	10	-	-	-	-	-	-	-	-	3	4	8	-	2	9,478	-	9,478
Mechanical Sheets - Low Complexity (2)	32	1	1	6	10									2	4	8			5,950		5,950
Prepare Specifications	4		1	2										1					738		738
Cost Estimate	2			2															280		280

Price Proposal		Labor Plan																			
		17 Resource																			
Sanibel Donax WRF - Post Hurricane Ian Improvements	Proj Area >																				
Submitted to: City of Sanibel																			Pricing by Resource		
Contract Type: T&M																					
	Total Labor Hrs																				
Project Phases / Tasks	1,402	155	40	312	166	20	20	14	82	42	12	35	40	30	137	138	100	59	Labor	ODCs	Task Pricing Totals
		271,050																	271,050	10,000	281,050
Attend Review Meetings/Prepare Minutes	14	4		8														2	2,510		2,510
TASK 5: CHLORINE CONTACT TANK NO. 1 REPAIRS & COATING	109	9	1	18	-	-	-	5	44	24	-	-	-	-	-	-	-	8	19,715	-	19,715
A. Data Review & Technical Memorandum	40	5	1	8	-	-	-	-	22	-	-	-	-	-	-	-	-	4	7,560	-	7,560
Field Investigation	4								4										760		760
Identify Repairs & Coating	4								4										760		760
Cost Estimate	4								4										760		760
Draft Technical Memorandum	12	1	1	4					4									2	2,190		2,190
Review Meeting/Revise Memorandum	16	4		4					6									2	3,090		3,090
B. Bid Package Development	69	4	-	10	-	-	-	5	22	24	-	-	-	-	-	-	-	4	12,155	-	12,155
Structural Sheets - Low Complexity (4)	36							4	8	24									6,220		6,220
Prepare Specifications	9			2				1	4									2	1,525		1,525
Cost Estimate	2								2										380		380
Attend Review Meetings/Prepare Minutes	22	4		8					8									2	4,030		4,030
TASK 6: INTERNAL RECYCLE PUMPING SYSTEMS TO MITIGATE POST-IAN REDUCED INFLUENT CBOD	294	16	9	92	56	-	-	-	-	-	-	-	-	9	48	52	-	12	53,900	-	53,900
A. Data Review & Technical Memorandum	60	5	1	36	14	-	-	-	-	-	-	-	-	-	-	-	-	4	9,400	-	9,400
Review Data & Modeling & Confirm Sizing	8			8															1,120		1,120
Calculations & Equipment Selection	4			4															560		560
Prepare Preliminary Drawings	20			8	12														2,920		2,920
Cost Estimate	4			4															560		560
Draft Technical Memorandum	12	1	1	8														2	1,990		1,990
Review Meeting/Revise Memorandum	12	4		4	2													2	2,250		2,250
B. Bid Package Development	234	11	8	56	42	-	-	-	-	-	-	-	-	9	48	52	-	8	44,500	-	44,500
Mechanical Sheets - Moderate Complexity (2)	52	2	4	20	26														8,750		8,750
Mechanical Sheets - Low Complexity (3)	32	1	3	12	16														5,470		5,470
Electrical Calculations	5													1	4				1,235		1,235
Electrical Sheets - Low Complexity (7)	69													5	24	40			14,335		14,335
Instrumentation Sheets - Low Complexity (2)	22													2	8	12			4,630		4,630
Prepare Specifications	22		1	8										1	8			4	4,100		4,100
Cost Estimate	8			8															1,120		1,120
Attend Review Meetings/Prepare Minutes	24	8		8											4			4	4,860		4,860
TASK 7: REPLACEMENT OF INLET VALVES FOR FINE SCREENS	48	5	4	28	8	-	-	-	-	-	-	-	-	-	-	-	-	3	8,188	-	8,188
A. Data Review & Technical Memorandum	11	1	1	8	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1,885	-	1,885
Prepare Sketches	4			4															560		560
Cost Estimate	2			2															280		280
Technical Memorandum	5	1	1	2														1	1,045		1,045
B. Bid Package Development	37	4	3	20	8	-	-	-	-	-	-	-	-	-	-	-	-	2	6,303	-	6,303
Mechanical Sheets - Low Complexity (2)	18		2	8	8														3,050		3,050
Prepare Specifications	3		1	2															463		463
Cost Estimate	2			2															280		280
Attend Review Meetings/Prepare Minutes	14	4		8														2	2,510		2,510
TASK 8: PERMITTING	37	4	-	12	-	4	-	-	6	-	-	-	-	6	-	-	-	5	7,175	-	7,175
A. FDEP Wastewater Permitting	11	2	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1,745	-	1,745
Prepare Application & Supporting Documentation	7	1		4														2	1,065		1,065
Respond to RAIs	4	1		2														1	680		680
B. Building Permit Assistance	26	2	-	6	-	4	-	-	6	-	-	-	-	6	-	-	-	2	5,430	-	5,430
Provide Signed & Sealed Documents	15	1		4		2			4					4					3,215		3,215
Respond to RAIs	11	1		2		2			2					2				2	2,215		2,215
TASK 9: BIDDING	89	7	-	28	8	2	4	-	8	2	-	2	-	-	12	2	2	12	15,415	-	15,415
A. Bidding Assistance	54	6	-	20	4	-	-	-	4	-	-	2	-	-	8	-	2	8	9,500	-	9,500
Provide Documents	4				2													2	510		510
Attend Pre-Bid Conference	8	4		4															1,740		1,740
Issue Addenda	30			8	2				4			2			8		2	4	5,330		5,330
Review Bids	4			4															560		560

<div><div><div>Tt</div></div><div>Price Proposal</div></div>		Labor Plan																			
		17 Resource																			
Sanibel Donax WRF - Post Hurricane Ian Improvements	Proj Area >																				
Submitted to: City of Sanibel																			Pricing by Resource		
Contract Type: T&M																					
	Total Labor Hrs																				Task Pricing Totals
Project Phases / Tasks	1,402	155	40	312	166	20	20	14	82	42	12	35	40	30	137	138	100	59	Labor	ODCs	
Recommend Award/Attend Meeting	8	2		4														2	271,050	10,000	281,050
B. Conforming Documents	35	1	-	8	4	2	4	-	4	2	-	-	-	-	4	2	-	4			
Conform Drawings & Specifications	35	1		8	4	2	4		4	2					4	2		4			
TASK 10: PROJECT MANAGEMENT	90	72	8	-	-	2	-	2	-	-	2	-	-	4	-	-	-	-	26,860	-	26,860
A. Project Management	90	72	8	-	-	2	-	2	-	-	2	-	-	4	-	-	-	-	26,860	-	26,860
Coordination of Resources	42	24	8			2		2			2			4					12,700		12,700
Schedule Preparation & Updates	24	24																	7,080		7,080
Budget Analysis	12	12																	3,540		3,540
Status Reports	12	12																	3,540		3,540
REIMBURSABLE EXPENSES	-																			10,000	10,000
Totals	1,402	155	40	312	166	20	20	14	82	42	12	35	40	30	137	138	100	59	271,050	10,000	281,050



Schedule of Hourly Rates

Resilient and Sustainable Infrastructure (RSI)

Hourly Billing Rates for: IEW

Rates Effective Starting: January 2, 2022

Personnel	Hourly Rate
Management	
Operations Management	
Principal in Charge	\$375.00
Project and Program Management	
Project Manager 1	\$205.00
Project Manager 2	\$225.00
Sr Project Manager	\$270.00
Program Manager	\$295.00
A/E Services	
Engineers	
Engineer 1	\$110.00
Engineer 2	\$125.00
Engineer 3	\$140.00
Project Engineer 1	\$165.00
Project Engineer 2	\$190.00
Sr Engineer 1	\$240.00
Sr Engineer 2	\$250.00
Sr Engineer 3	\$275.00
Principal Engineer	\$365.00
Engineering Designers	
Engineering Technician	\$80.00
Engineering Designer 1	\$100.00
Engineering Designer 2	\$120.00
Engineering Designer 3	\$135.00
Sr Eng Designer 1	\$170.00
Sr Eng Designer 2	\$180.00
Sr Eng Designer 3	\$200.00
Architects	
Arch Technician	\$65.00
Architectural Designer 1	\$90.00
Architectural Designer 2	\$100.00
Architectural Designer 3	\$140.00
Architect 1	\$150.00
Architect 2	\$160.00
Sr Architect 1	\$200.00
Sr Architect 2	\$220.00
Architectural Program Mgr	\$275.00
Interior Designers	
Interior Designer 1	\$95.00
Interior Designer 2	\$105.00
Interior Designer 3	\$115.00



Schedule of Hourly Rates

Resilient and Sustainable Infrastructure (RSI)

Hourly Billing Rates for: IEW

Rates Effective Starting: January 2, 2022

Personnel	Hourly Rate
Sr Interior Designer 1	\$200.00
Sr Interior Designer 2	\$215.00
Sr Interior Designer 3	\$240.00
Landscape Architects	
Landscape Designer 1	\$85.00
Landscape Design 2	\$95.00
Landscape Designer 3	\$110.00
Landscape Architect 1	\$125.00
Landscape Architect 2	\$150.00
Planning	
Planner 1	\$100.00
Planner 2	\$110.00
Planner 3	\$125.00
Sr Planner 1	\$150.00
Sr Planner 2	\$175.00
Sr Planner 3	\$200.00
Principal Planner	\$210.00
Information Technology	
Sys Analyst / Programmer 1	\$115.00
Sys Analyst / Programmer 2	\$130.00
Sr Sys Analyst / Programmer 1	\$180.00
Sr Sys Analyst / Programmer 2	\$285.00
Sci Svcs	
Scientists	
Scientist 1	\$85.00
Scientist 2	\$105.00
Scientist 3	\$130.00
Sr Scientist 1	\$145.00
Sr Scientist 2	\$175.00
Sr Scientist 3	\$220.00
Principal Scientist	\$270.00
Field Services	
Construction Observation	
Construction Project Rep 1	\$100.00
Construction Project Rep 2	\$120.00
Sr Constr Project Rep 1	\$155.00
Sr Constr Project Rep 2	\$165.00
Construction Administration	
Construction Administrator	\$100.00
Sr Construction Administrator	\$125.00
Construction Management	



Schedule of Hourly Rates

Resilient and Sustainable Infrastructure (RSI)

Hourly Billing Rates for: IEW

Rates Effective Starting: January 2, 2022

Personnel	Hourly Rate
Construction Manager 1	\$185.00
Construction Manager 2	\$210.00
Sr Construction Manager	\$250.00
Construction Director	\$290.00
Surveying	
Survey Tech 1	\$75.00
Survey Tech 2	\$105.00
Survey Tech 3	\$110.00
Survey Crew Chief	\$120.00
Surveying Specialist	\$140.00
Land Surveyor	\$150.00
Sr Land Surveyor	\$175.00
Plant Operations	
Plant Operator 1	\$95.00
Plant Operator 2	\$105.00
Plant Supervisor	\$120.00
Technical Services	
Technicians	
Technician 1	\$80.00
Technician 2	\$95.00
Technician 3	\$110.00
Sr Technician 1	\$150.00
Sr Technician 2	\$155.00
Sr Technician 3	\$160.00
Project Support	
Computer Aided Design (CAD)	
CAD Technician 1	\$80.00
CAD Technician 2	\$90.00
CAD Technician 3	\$110.00
CAD Designer	\$125.00
Sr CAD Designer 1	\$150.00
Sr CAD Designer 2	\$165.00
CAD Director	\$180.00
Geographic Information Systems (GIS)	
GIS Analyst 1	\$80.00
GIS Analyst 2	\$110.00
Sr GIS Analyst	\$130.00
GIS Application Developer	\$140.00
Sr GIS Application Developer	\$180.00
Business Support	
Project Administration	
Project Assistant 1	\$75.00



Schedule of Hourly Rates

Resilient and Sustainable Infrastructure (RSI)

Hourly Billing Rates for: IEW

Rates Effective Starting: January 2, 2022

Personnel	Hourly Rate
Project Assistant 2	\$85.00
Project Administrator	\$105.00
Sr Project Administrator	\$125.00
Contracts / Legal	
Contract Administrator	\$95.00
Sr Contract Administrator	\$130.00
Finance / Accounting	
Project Analyst 1	\$95.00
Project Analyst 2	\$125.00
Sr Project Analyst	\$170.00
Project Accounting Director	\$250.00
Technical Writers	
Technical Writer 1	\$105.00
Technical Writer 2	\$110.00
Sr Technical Writer	\$135.00
Sr Technical Writer 2	\$155.00
Graphics	
Graphic Artist	\$140.00
Consulting	
Consultant 1	\$90.00
Consultant 2	\$125.00
Sr Consultant 1	\$175.00
Sr Consultant 2	\$200.00
Sr Consultant 3	\$210.00