

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY**

Meeting Date: December 19, 2023

Consent []
Public Hearing []

Regular [X]

Department: Water Utilities Department

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to: (A) approve Amendment No. 1 to the Contract for Green Cay Phase 2 Progressive Design-Build (Contract) with CDM Constructors Inc., (CDM) in the amount of \$89,634,894.55 for a Guaranteed Maximum Price (GMP) of \$99,220,507.16; (B) approve an \$8,450,000 Budget Transfer in the Water Utilities Capital Improvement Fund from Building Improvements, Water Treatment Plants and Water Treatment Plant 11 to fully fund the project; and (C) authorize the County Administrator, or her designee which in this case shall be the Director of Palm Beach County Water Utilities Department (PBCWUD), to issue Certificate of Entitlement(s) to vendor(s) for tax exempt County Furnished Materials.

Summary: On September 14, 2021, the Board of County Commissioners approved the PBCWUD Contract (R2021-1248) with CDM. The Green Cay Phase 2 Project (Project) includes the design and construction of a new Water Purification Facility (WPF) located at the Southern Region Water Reclamation Facility (SRWRF) capable of treating two (2) million gallons per day (MGD) of purified water and expandable to four (4) MGD, a new state-of-the-art education/learning facility co-located with the WPF, a new sixty-three (63) acre public park with purified waterways located at the corner of Jog and Flavor Pict Roads, and two (2) new surficial aquifer production water wells and associated water transmission lines. CDM is near completion of the Phase 1 Pre-construction Services, which includes design, permitting, piloting, and Phase 2 competitive bidding under the Contract. The Amendment is for CDM to provide Phase 2 Construction Services including a GMP for the completion of design, engineering services during construction, construction of the Project, and warranty services.

The Contract was procured under the requirements of the Equal Business Opportunity Ordinance. On June 15, 2022, the Goal Setting Committee established the following Affirmative Procurement Initiatives (APIs) for Phase 2 Construction Services of the Project: (i) a minimum mandatory 20% SBE subcontracting goal of which 5% is for African American and/or Hispanic owned firm(s). At the time of establishing the APIs for Phase 2 Construction Services, Phase 1 Pre-construction Services of the Contract achieves 29.84% SBE participation, which includes 24.02% M/WBE participation, 11.29% MBE (B), 11.49% MBE (A), and 1.23% WBE. CDM's SBE mentor protégé has since graduated from the SBE program. Phase 2 Construction Services Amendment provides for 13.30% SBE participation, which includes 0.67% M/WBE participation, 0.13% MBE (B), 0.15% MBE (H), 0.33% MBE (A), 0.06% WBE. The cumulative SBE participation, including this Amendment is 14.83%, which includes 2.92% M/WBE, 1.20% MBE (B), 0.14% MBE (H), 1.40% MBE (A), and 1.23% WBE. A subcontracting waiver request was approved by the Office of Equal Business Opportunity. CDM is headquartered in Boston, Massachusetts, but maintains an office in Palm Beach County from which the majority of the work will be undertaken.

The Project has overwhelming support from local, state, and federal agencies and successfully secured the following funding: \$5,000,000 from South Florida Water Management District Alternative Water Supply FY23 (AWS Grant), \$3,000,000 from Florida House of Representatives Appropriation FY23 which will be brought to a future BCC meeting, and \$10,500,000 from American Rescue Plan Act (ARPA) Response Replacement. Due to timing issues, the GMP does not meet the requirements of the Davis-Bacon Act, which is a requirement of the AWS Grant. Complying with the Davis-Bacon Act may increase the GMP cost by an amount estimated to be \$2.25 million dollars or less. PBCWUD will negotiate in good faith with CDM to execute a future change order to ensure compliance with said grant provisions. The remaining project cost is included in the PBCWUD FY24 budget. **These are County ARPA Response Replacement funds that do not require a local match.** (PBCWUD Project No. 20-036) District 5 (MWJ)

Background and Policy Issues continued on page 3

Attachments:

1. Two (2) Originals of Amendment No. 1
2. Location Map
3. Ebix Compliance Summary Report
4. Budget Transfer form

Recommended By:

Al. Boyat
Department Director

12/11/23

Date

Approved By:

[Signature]
Assistant County Administrator

12/18/23

Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2024	2025	2026	2027	2028
Capital Expenditures	\$89,634,895	0	0	0	0
Operating Costs	0	0	0	0	0
External Revenues	(\$8,000,000)	0	0	0	0
Program Income (County)	0	0	0	0	0
In-Kind Match County	0	0	0	0	0
NET FISCAL IMPACT	\$81,634,895	0	0	0	0

ADDITIONAL FTE POSITIONS (Cumulative) 0 0 0 0 0

Budget Account No.: Fund 4011 Dept 721 Unit W050 Object 6545
 1164 720 508A 6545
 1164 720 509A 6545

Is Item Included in Current Budget? Yes X No _____
 Is this item using Federal Funds? Yes X No _____
 Is this item using State Funds? Yes X No _____

Reporting Category N/A

B. Recommended Sources of Funds/Summary of Fiscal Impact:

\$8,000,000 of the project is funded by grants (\$5M from SFWMD & \$3M from Florida House of Representatives) with the balance from Water Utility Department User Fees & ARPA Response Replacement Funds.

The Budget Transfer was calculated as follows:

Construction	\$89,634,895
Change orders, administrative fees and contingencies	2,615,105
Total project cost	<u>92,250,000</u>
Less current amount available	<u>83,800,000</u>
Budget Transfer	<u>\$ 8,450,000</u>

C. Department Fiscal Review: Johnny Soreman

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Development and Control Comments:

Lisa Mante 12/13/23
 M6 12/13 OFMB

Dr. J. Jarboe 12/15/23
 Contract Development and Control
 12/15/23

B. Legal Sufficiency:

Anne Giddens 12-15-23
 for Assistant County Attorney Mike Jones

C. Other Department Review:

 Department Director

This summary is not to be used as a basis for payment.

Background and Policy Issues: PBCWUD is the third largest utility in the state of Florida providing drinking water, wastewater and reclaimed water to approximately 600,000 customers throughout Palm Beach County. As the population within Palm Beach County and Florida grows, PBCWUD has recognized the challenges utilities will face in the future with respect to traditional drinking water sources. To this end, PBCWUD has undertaken the Project. The WPF will treat source water from SRWRF supplying purified water to Green Cay Phase 2 Park to replenish regional groundwater, supporting PBCWUD's strategic goals of becoming a sustainable and best-in-class utility. The Contract is being amended for the final GMP for construction of the Project.

**AMENDMENT NO. 1
FOR PROGRESSIVE DESIGN-BUILD AGREEMENT
GREEN CAY PHASE 2 PROGRESSIVE DESIGN-BUILD
PBCWUD PROJECT NO. 20-036 (“Amendment”)**

This Amendment is made as of the 19th day of December 2023, by and between Palm Beach County, a Political Subdivision of the State of Florida, by and through its Board of County Commissioners, hereinafter referred to as the “County” or “Owner”, and CDM Constructors Inc., a Massachusetts corporation authorized to do business in the State of Florida, hereinafter referred to as “Design-Builder”, whose Federal Tax ID# is 04-3163397.

WHEREAS, the County and Design-Builder acknowledge and agree that the Contract between County and Design-Builder dated September 14, 2021 (Resolution No. R2021-1248) (hereinafter “the Contract”) is in full force and effect and that this Amendment incorporates all the terms and conditions of the Contract as may be expressly supplemented and amended by this Amendment;

WHEREAS, the parties have negotiated Phase 2 Services, including a Guaranteed Maximum Price, for the completion of design, and Engineering Services during Construction in accordance with the terms of the Contract, whereby the Design-Builder will render construction and warranty services and other services as set forth in the Contract and as amended herein;

NOW THEREFORE, in exchange for the mutual covenants and promises set forth herein and the sums of money agreed to be paid by the County to the Design-Builder, the adequacy of such consideration is acknowledged by each of the parties, the parties further agree as follows:

1. Recitals. The foregoing recitals are true, material and correct and incorporated herein by reference.

2. Defined Terms. Capitalized terms herein shall have the same meaning ascribed to them in the Contract.

3. Article 7.0, Guaranteed Maximum Price (GMP), is amended as follows:

7.1 Article 7.1 is amended to include a GMP amount of Ninety-Nine Million Two Hundred Twenty Thousand Five Hundred Seven Dollars and Sixteen Cents (\$99,220,507.16). Phase I services (\$9,585,612.61) and contingency per Article 7.2 are included in the GMP Amendment value set forth above. This GMP value also includes the Owner direct purchases listed in the basis of the GMP. The balance of Article 7.1 in the Contract remains unchanged.

7.2 Contingency.

Article 7.2.1 Design-Builder Contingency is amended to include a Design-Builder Contingency in the amount of Four Million and Six Hundred Thousand Dollars (\$4,600,000.00). The balance of Article 7.2.1 in the Contract remains unchanged.

Article 7.2.2 Owner Contingency is amended to include an Owner Contingency in the amount of Five Hundred Thousand Dollars (\$500,000.00). The balance of Article 7.2.2 in the Contract

remains unchanged.

7.3 Shared Savings.

Article 7.3 is replaced in its entirety with the following.

7.3.1 If the sum of the actual Cost of the Work and Design-Builder's Fee is less than the GMP, the difference ("Shared Savings") shall be calculated as follows: fifty percent (50%) to Design-Builder and fifty percent (50%) to County. Savings shall be calculated and paid as part of Final Payment. To the extent Design-Builder incurs costs after Final Completion which would have been payable to Design-Builder as a Cost of the Work, the parties shall recalculate the Shared Savings in light of the costs so incurred, and Design-Builder shall be paid by the County accordingly.

7.3.2 Accounting for Shared Savings: Throughout the course of Phase 2 Services, the Design-Builder shall estimate the amount of projected savings to be shared based on the current status of the Project ("Estimated Savings"). The Estimated Savings shall be calculated as the difference between the Design-Builder's current estimate of the Cost of Work ("Estimated Cost of Work"), Design-Builder's Fee, and the current aggregate GMP. The Estimated Cost of Work shall separately identify the value of all subcontract packages that have been bid and awarded and Design-Builder's estimate of the value of outstanding subcontract packages not yet awarded. The Design-Builder shall include a Report on Estimated Savings on a quarterly basis.

4. Article 10.0, Subcontracting, paragraph 4, is amended to as add the following:

For Phase 2 Services, the Design-Builder must adhere to the Affirmative Procurement Initiatives (APIs) set forth by County's Goal Setting Committee. Failure to comply with this Article 10.0 is a material breach of the Contract. The Design-Builder has agreed to meet or exceed a 13.28% SBE Participation which includes 0.67% M/WBE participation, 0.13% MBE (Black) and 0.33% MBE (Asian).

5. Article 13.1 County Furnished Materials (also referred to as Owner Direct Purchases) is added to the Contract:

13.1 County Furnished Materials

Design-Builder has included a list of equipment and materials to be purchased directly by the County. Any materials purchased by the County pursuant to such an assignment of a material supply subcontract or agreement of a material supply subcontract or agreement shall be referred to as "County-Furnished Materials" or "Owner Direct Purchases" and the responsibilities of both County and Design-Builder relating to such County Furnished Materials shall be governed by the terms and conditions of this Article, which shall take precedence over other conditions and terms of the Contract where inconsistencies or conflicts exist. In addition, the County's standard terms and conditions associated with purchase ordered materials will be applicable to all County Furnished Materials. The County shall not be liable to the Design-Builder for any failure to perform the obligations of this Article 13.1 where a vendor rejects the County's offer to purchase or otherwise fails to execute the required documents for the County's purchase of the County Furnished Materials.

13.1.1 The Design-Builder shall include Florida State Sales Tax (Sales Tax) and other applicable taxes in its bid for material, supplies, and equipment. The County, being exempt from sales tax, will purchase the County Furnished Materials listed in the Design-Builder's GMP Proposal.

13.1.2 Material suppliers shall be selected by the Design-Builder awarded the contract by the competitive bid process. Design-Builder has provided a list of items to be County-Furnished Materials as part of the GMP Amendment. The Design-Builder shall submit price quotes from the vendors, as well as a description of the materials to be supplied, quantities and prices.

13.1.3 Design-Builder has identified in the GMP Amendment materials and equipment which the County will furnish through this County Furnished Materials clause. The Design-Builder will provide the necessary clerical and administrative services support required to implement this Article.

In a timely manner, Design-Builder shall prepare "Purchasing Requisition Request Forms" which shall, in form and detail be acceptable to County, specifically identify the materials which County will purchase directly. The Purchasing Requisition Request Form shall include:

- a. The name, address, telephone number and contact person for the material supplier,
- b. Manufacturer or brand, model of specification number of the item,
- c. Quantity needed as estimated by Design-Builder,
- d. The price quoted by the supplier for the materials identified therein,
- e. Any sales tax associated with such quote,
- f. Shipping and handling insurance cost,
- g. 100% Performance Bond cost,
- h. Delivery dates as established by Design-Builder,
- i. Any reduction in Design-Builder's cost for both the Payment Bond and the Performance Bond, and
- j. Detail concerning bonds or letters of credit provided by the supplier if included in its proposal.

Design-Builder shall include copies of vendors' quotations, and specifically reference any terms and conditions which have been negotiated with the vendors concerning letters of credit, terms, discounts, or special payments.

13.1.4 The following procedure, which is a waiver of the Palm Beach County Procurement Code, will be used for the implementation of this program:

After receipt of the Purchasing Requisition Request Form, County shall prepare County Purchase Orders (hereinafter Purchase Orders) for items of material which the County shall purchase directly. Alternately, the Design-Builder may prepare the Purchase Orders for the County's signature in lieu of the Purchasing Requisition Request Form. Once the Purchase Order has been prepared and executed, it shall be issued directly to the vendor by the County. Pursuant to the Purchase Order, the vendor will provide the required quantities of material at the price established in the vendor's quote to the Design-Builder, less any sales tax associated with such price.

Promptly upon issuance of each Purchase Order by the County, Design-Builder shall verify the purchase of the items in accordance with the terms of the Purchase Order and in a manner to assure timely delivery of items. Palm Beach County's Director of Purchasing or his/her designated representative shall be the approving authority for the County on Purchase Orders in conjunction with County- Furnished Materials. The Purchase Order shall require that the supplier provide the required shipping and handling insurance. The Purchase Order shall also require the delivery of the County Furnished Materials on the delivery dates provided by the Design-Builder in the Purchasing Requisition Request Form. The Vendor shall issue its invoice, for all materials supplied pursuant to a County Purchase Order, directly to Palm Beach County.

13.1.5 In conjunction with or prior to the execution of the Purchase Orders by the vendors, the Design-Builder shall execute and deliver to the County one or more deductive Change Orders, in accordance with General Conditions (GC 43 Changes in the Work) referencing the full value of all County-Furnished Materials to be provided by each vendor from whom the County purchased materials directly, plus all sales taxes associated with such materials in Design-Builder's bid to County, plus the value of the Design-Builder fee associated with only the sales tax portion for County-Furnished materials. The Director of Water Utilities Department or his/her authorized representative shall be the approving authority for the County on deductive Change Orders in conjunction with County-Furnished Materials.

13.1.6 All shop drawings and submittals shall be made in accordance with GC 72, Design-Builder Furnished Drawings, Data and Samples, of the General Conditions.

13.1.7 Design-Builder shall be fully responsible for all matters relating to the receipt of County Furnished Materials in accordance with this Article including, but not limited to, verifying correct quantities, verifying documents of orders in a timely manner, coordinating purchases providing and obtaining all warranties and guarantees required by the Contract, inspection and acceptance of the goods at the time of delivery, and loss or damage to equipment and materials following acceptance of items by the County. The Design-Builder shall coordinate delivery schedules, sequence of delivery, loading orientation, and other arrangements normally required by the Design-Builder for the particular materials furnished. The Design-Builder shall provide all services required for the unloading, handling and storage of materials through installation.

13.1.8 As County-Furnished Materials are delivered to the jobsite, the Design-Builder shall visually inspect all shipments from the suppliers and approve the vendor's invoice for the material delivered. The Design-Builder shall ensure that each delivery of County-Furnished Materials is accompanied by documentation adequate to identify the Purchase Order against which the purchase is made. This documentation may consist of a delivery ticket and an invoice from the supplier conforming to the Purchase Order together with such additional information as the County or Project Manager may require. The Design-Builder will then forward the invoice and documentation to the County through the Project Manager for payment.

13.1.9 The Design-Builder shall ensure that County-Furnished Materials conform to the specifications, and determine prior to incorporation into the Work if such materials are patently defective, and whether such materials are identical to the materials ordered and match the description on the bill of lading. If the Design-Builder discovers defective or non-conformities

in County-Furnished Materials upon such visual inspection, the Design-Builder shall not utilize such nonconforming or defective materials in the Work and instead shall promptly notify the County of the defective or nonconforming condition so that repair or replacement of those materials can occur without any undue delay or interruption to the Project. If the Design-Builder fails to perform such inspection and otherwise incorporates into the Work such defective or nonconforming County-Furnished Materials, the condition of which it either knew or should have known by performance of an inspection, Design-Builder shall be responsible for all damages to County resulting from Design-Builder's incorporation of such materials into the Project, including liquidated or delay damages.

13.1.10 The Design-Builder shall maintain records of all County-Furnished Materials incorporated into the Work. The Design-Builder shall account monthly to the County through the Project Manager for any County-Furnished Materials delivered into the Design-Builder's possession, indicating all such materials which have been incorporated into the Work.

13.1.11 The Design-Builder shall be responsible for obtaining and managing all warranties and guarantees for all materials and products as required by the Contract. All repair, maintenance or damage-repair calls shall be forwarded to the Design-Builder for resolution with the appropriate supplier, vendor, or subcontractor.

13.1.12 Notwithstanding the transfer of County-Furnished Materials by the County to the Design-Builder's possession, the County shall retain legal and equitable title to any and all County-Furnished Materials although the Design-Builder shall maintain both Builders Risk and Inland Marine/Transit insurance on said Materials until Substantial Completion and the Loss Payee endorsement on said policies shall read "Palm Beach County Board of County Commissioners."

The transfer of possession of County-Furnished Materials from the County to the Design-Builder shall constitute a bailment for the mutual benefit of the County and the Design-Builder. The County shall be considered the bailor and the Design-Builder the bailee of the County-Furnished Materials. County-Furnished Materials shall be considered returned to the County for purposes of their bailment at such time as they are incorporated into the Project.

13.1.13 Except when late payment by the County for County furnished materials causes a delay or interruption in the project, the County shall in no way be liable for any interruption or delay in the Project, for any defects or other problems with the Project, or for any extra costs or time resulting from any delay in the delivery of, or defects in, County-Furnished Materials.

13.1.14 On a monthly basis, Design-Builder shall review the invoices submitted by all suppliers of County-Furnished Materials delivered to the Project site during that month and either concur or object to the County's issuance of payment to the supplier, based upon Design-Builder's records of such materials delivered to the site and any defects in such materials.

13.1.15 In order to arrange for the prompt payment to the suppliers, the Design-Builder shall provide to the County a list indicating the acceptance of the County Furnished Materials within 15 days of receipt of said materials. The list shall include a copy of the applicable Purchase Order, invoices, delivery tickets, written acceptance of the delivered items, and such other documentation

as may be reasonably required by the County. Upon receipt of the appropriate documentation, the County shall prepare a check drawn to the supplier based upon the receipt of data provided. This check will be released, delivered and remitted directly to the supplier.

13.1.16 The County shall be entitled to the benefits of any discounts attributable to the early payment of vendor invoices for County Furnished Materials pursuant to this Amendment.

13.1.17 The material supplier may be required to provide a Supply Bond in the amount of 100% of the purchase order price. The bond shall be from a qualified surety company authorized to do business in the State of Florida and acceptable to the County and the Design-Builder. If the supply bond is required, the cost of the bond will be added to the amount of the purchase order.

13.1.18 Upon being satisfied that Owner Direct Purchased materials and the accompanying invoice from the supplier are satisfactory, County will pay the supplier for the items purchased. Under no circumstances will Design-Builder be responsible for paying the supplier. The County will issue a check for the approved invoice amount and mail this check directly to the supplier, accompanied by the Certificate of Entitlement. A copy of the check will be forwarded to the Design-Builder so that Design-Builder can accurately track and summarize all County Direct Purchase payments.

In the event the County does not timely execute the appropriate documents submitted by the Design-Builder for direct purchase, the Design-Builder may, upon timely notice to the County, order such materials irrespective of loss of sales tax savings. It is the intent of these provisions to implement the cost savings afforded by the sales tax exemption without delay of the Work and that the Design-Builder retain complete control of the Progress Schedule. While the County's direct purchase of materials or supplies shall not relieve the Design-Builder of responsibility to maintain and safeguard such materials and supplies until they are incorporated into the Work and accepted by the County, the County shall assume liability for the County-Furnished Materials at the time they are delivered to the jobsite. The Design-Builder may be entitled to a time extension in the event that delay is occasioned by the County's direct purchase of materials.

13.1.19 The County will bear the cost of obtaining insurance covering damage or loss to the County Furnished Materials.

13.1.20 The deductive change for Owner Direct Purchases will not reduce the Design-Builder's fee, other than the amount of Design-Builder fee applied to the sales tax portion of County Furnished Material.

6. Article 14, Grant Requirements, is added to the Contract as follows:

Design-Builder did not include any grant federal funding requirements in the GMP submitted to the County in August 2023. The County and Design-Builder agree to comply with all provisions required by any grant received for the Project. To the extent that compliance with said grant provisions will change the GMP and the costs have not already been made part of the GMP set forth in Article 7.1, the parties shall negotiate in good faith to execute a change order for the GMP change.

7. Attachments. The following attachments, attached hereto and incorporated herein by

reference, are being modified as summarized below. All other provisions of the attachments set forth in the original contract shall remain unchanged:

Attachment A Scope of Design-Builder's Services – Added Section 2 Scope of Work for Phase 2 Services

Attachment B Compensation – Added Section 2 Contract Price for Phase 2 Services

Attachment C Schedule – Modified Project Schedule

Attachment D General Conditions – GC 54 Replaced in its entirety, as amended by agreement.

Attachment E Public Construction Bond – Added Public Construction Bond

Attachment F Form of Guarantee – Added Form of Guarantee

Attachment G OEBO Schedule 1 and Schedule 2 - Added OEBO Schedule 1 and Schedule 2 for Phase 2 Services

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**AMENDMENT NO. 1
FOR PROGRESSIVE DESIGN-BUILD AGREEMENT
GREEN CAY PHASE 2 PROGRESSIVE DESIGN-BUILD
PBCWUD PROJECT NO. 20-036**

IN WITNESS WHEREOF, this Amendment No. 1 is accepted, subject to the terms, conditions and obligations of the aforementioned Contract.

ATTEST:

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

**PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS**

By: _____
Deputy Clerk

By: _____
Maria Sachs, Mayor

WITNESS:

Jonathan S. Lapsley
Signature

JONATHAN S. LAPSLEY
Name (type or print)

[Signature]
Signature

Lyle Wolf
Name (type or print)

DESIGN-BUILDER:

CDM Constructors, Inc.
Company Name

[Signature]
Signature

Tommy L. Floyd
Typed Name

Vice President
Title

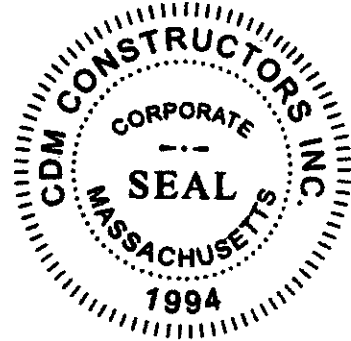
**APPROVED AS TO FORM
AND LEGAL SUFFICIENCY**

By: *Anne Weyant*
County Attorney *Michelle Jones*

**APPROVED AS TO TERMS
AND CONDITIONS**

By: *Ali Bayart*
Department Director

(corp. seal)



ATTACHMENT A SCOPE OF DESIGN-BUILDER'S SERVICES

SECTION 2 SCOPE OF WORK FOR PHASE 2

ATTACHMENT A

PALM BEACH COUNTY GREEN CAY (PBCGC) PHASE 2, PROGRESSIVE DESIGN-BUILD PROJECT NO.: 20-036

PHASE 2 CONSTRUCTION PHASE SERVICES

PURPOSE & SCOPE

This Attachment A sets forth the Phase 2 Design-Builder's Construction Phase Services to be provided by the Design-Builder for the Green Cay Phase 2 Progressive Design-Build Project (Project). The Project will include a new Water Purification Facility (WPF) at its Southern Region Water Reclamation Facility (SRWRF), a new public education center, a new public access park, new surficial aquifer production wells and various pipelines. The source water for the WPF will be from the SRWRF. The WPF will supply purified water to the park to help replenish groundwater supporting PBCWUD's strategic goals of becoming a sustainable and best-in-class utility.

The Project locations include:

- WPF located within SRWRF 33437, PCN 00-42-43-27-05-064-0730
- Green Cay Phase 2 Park 6670 Flavor Pict Rd, Boynton Beach, FL 33437, PCN 00-42-46-03-18-003-0000

The Project scope includes the design and construction of the following key components:

- WPF with a capacity of two (2) million gallons per day (MGD), expandable to 4 MGD, located at the SRWRF, including an education/learning center incorporated into the WPF
- A purified water pump station (and associated facilities) and transmission pipeline from the WPF to the Green Cay Phase 2 Park
- A new park located on the PCN 00-42-46-03-18-003-0000 parcel, approximately sixty-three (63) acres, with two (2) surficial aquifer production wells and associated raw water pipeline to Water Treatment Plant No. 3 (WTP3).

The WPF includes the following treatment processes:

- Ultrafiltration (UF) treatment process, inclusive of all required ancillary systems,
- Reverse Osmosis (RO) treatment process, inclusive of all required ancillary systems,
- Advanced Oxidation Process (AOP) treatment process, inclusive of all required ancillary systems, and
- Post-treatment stabilization of the purified water, inclusive of all required ancillary systems.

The Design-Builder is responsible for final design, engineering services during construction, construction, commissioning, training, handover and warranty of all components required to provide a complete and operable WPF compliant with all applicable federal, state and local regulations. The design and scope of work are generally shown on the Issued for Bid (IFB) design documents as described in the Basis of GMP in Attachment B.

ATTACHMENT A

PALM BEACH COUNTY GREEN CAY (PBCGC) PHASE 2, PROGRESSIVE DESIGN-BUILD PROJECT NO.: 20-036

PHASE 2 ENGINEERING SERVICES

GENERAL

PURPOSE

This Attachment A sets forth the Phase 2 Engineering Services to be provided by the Design-Builder for the Project in developing a proposal price for conducting the Green Cay Phase 2 Project (Project).

ORGANIZATION

Task 5 – Design and Engineering Services During Construction (ESDC) Management

- Subtask 5.1 Management
- Subtask 5.2 Meetings

Task 6 – Phase 2 Final Design Services

- Subtask 6.1 Permitting and Approvals
- Subtask 6.2 Issued for Construction (IFC) Documents Package

Task 7 – Engineering Services During Construction

- Subtask 7.1 Construction Engineering Coordination
- Subtask 7.2 Review of Submittals and Substitutions
- Subtask 7.3 Requests for Information (RFI) and Clarifications
- Subtask 7.4 Design Changes and Change Orders
- Subtask 7.5 Site Visits and Factory Witness Testing
- Subtask 7.6 Final Walk Through and Punch Lists
- Subtask 7.7 Record Drawings
- Subtask 7.8 Permit and Project Closeout

Task 8 –Commissioning, Operations and Training

- Subtask 8.1 Commissioning Support
- Subtask 8.2 Process Vendor Training
- Subtask 8.3 Develop Standard Operating Procedures (SOP)

DELIVERABLES

Deliverable Review by Owner

Deliverables are to be submitted in draft form for review by the Owner. Unless otherwise noted on the Project Schedule, the Owner will provide comments within two weeks of the deliverable and the Design-Builder will respond to the Owner's comments by revising the draft deliverable within two weeks thereafter. Wherever Design-Builder chooses to not make a change suggested by the Owner, Design-Builder will provide a written response explaining its rationale.

Deliverable Software

Work products are anticipated to be developed using the 2021 versions of the following software products:

- | | |
|---|---|
| 1. Word Processing: | Microsoft Word |
| 2. Spreadsheets: | Microsoft Excel |
| 3. Scheduling: | Primavera |
| 4. Drawings: | Autodesk Revit (Buildings/ Educational Center)
Autodesk Plant 3D (Process Mechanical/ Process and Instrumentation Diagrams (P&ID))
Autodesk Civil 3D (Civil Site/ Grading)
Autodesk AutoCAD 3D (Miscellaneous) |
| 5. Hydraulic Profile: | Visual Hydraulics |
| 6. Process Design Software: | Commercially available software |
| 7. Building Information Modeling
(BIM) Data Environment: | Building Information Modeling 360 |
| 8. Document Control: | ProjectWise |

Upgrading to a newer version of software over the course of the project, or before the IFC deliverable, must be approved by Design-Builder and accepted by the Owner prior to any upgrade. Scope and budget for upgrading software product platform versions and associated file conversions are not included.

Design-Builder will submit an electronic file in portable document format and a hard copy when requested by the Owner. Hard copy deliverables shall be printed at 8-1/2"x11" with full-size 22"x34" drawings reduced to 11"x17". Electronic source files for final deliverables shall be provided when requested by the Owner.

TASK 5 - DESIGN AND Engineering Services During Construction (ESDC) MANAGEMENT

Subtask 5.1 –Management

Provide the necessary management and coordination of Final Design Services (Issued for Construction (IFC)) and throughout Phase 2 construction phase. Management shall include the following elements:

Phase 2 Project Management Plan

Within 30 days of issuance of the Notice to Proceed, the Design-Builder shall submit a draft Updated Phase 2 Project Management Plan to communicate basic Project requirements and approach to its Project team and subconsultants and establish and document standard project management requirements. This plan should closely parallel the Phase 1 approach specified by the Design-Builder. The Project Management Plan shall identify the project team including team members, their roles, responsibilities, and contact information. This also describes protocols for communication between team members and with Owner so that team members are up to date on Project developments.

Project Coordination and Communication

The Design-Builder shall conduct general coordination and communication with the Design-Builder's Project team and with the Owner regarding issues as they arise, including scheduling, progress of Project activities etc. Such coordination shall include regular meetings and updates as required by the Agreement.

Subtask 5.2 –Meetings

Schedule, and conduct meetings with the Owner and the Owner's Representative throughout Phase 2 of the Project. The Design-Builder shall prepare draft agenda and meeting minutes for Owner review. Draft meeting agendas shall be submitted to the Owner's Project Manager two working days prior to the meeting; draft meeting agendas shall be submitted to the Owner Project Manager five working days prior to the meeting along with applicable handout materials. Based on comments provided by Owner, the Design-Builder shall revise and finalize the agendas and handout materials. Draft meeting minutes shall be submitted to the Owner's Project Manager no more than five working days following the meeting. Upon receipt of Owner's comments, the Design-Builder shall finalize the minutes within three days.

The meetings and workshops under Subtask 5.2 shall include (at a minimum) the following:

Final Design Progress Meetings

The Design-Builder will conduct bi-weekly progress meetings with design staff and subconsultants to coordinate execution of the work up to Final Design completion and signed and sealed documents. Up to two in person design meetings are planned for with the Owner.

Pre-construction Conference

The Design-Builder shall attend a pre-construction conference. Key members of all firms on the Design-Builder's project team, the Owner's Representative team, and Owner's project team are to attend.

Internal Bi-weekly Construction Coordination Meetings

The Design-Builder will attend bi-weekly meetings between the design and construction staff. Agenda items or discussion items may be suggested by either party. The purpose of these meetings is to coordinate between designers and contractors during the construction phase. Engineer has budgeted for 60 meetings to be attended by the Design Manager via Teams/telephone (Other Design staff may also participate in these meeting, as required).

Technical Workshops during Final Design

The Design-Builder shall schedule and facilitate technical workshops focusing on specific topics. These meetings are to provide a forum for presenting the Owner with design and operational information while providing an opportunity for feedback and direction from the Owner. The topics for these workshops shall be agreed upon by Owner and the Design-Builder. At a minimum, a workshop will be conducted for Final Design Review.

Deliverables:

1. Meeting agendas and notes

TASK 6 – PHASE 2 FINAL DESIGN SERVICES

Subtask 6.1 – Permitting and Approvals

6.1.1 Regulatory Permitting and Approvals Plan Update

The Design-Builder shall update the Project Permitting and Approvals Plan developed in Phase 1 and consistent with the Design Build Agreement, including any other permits/approvals identified by the Design-Builder. The Project Permitting and Approvals Plan shall be updated monthly with all permits and approvals status.

The Plan update shall identify status of all permits/approvals obtained prior to the Contract Price Amendment. In addition, the plan will be updated to include permits/ approvals that must be obtained prior to and during construction. The Design-Builder shall update the plan as Project development activities progress if such progression results in the identification of additional permits or changes to the permitting requirements and durations.

The Design-Builder shall consult with Owner regarding the timing for providing input for the permitting process and obtaining the permits/approvals identified by the Design-Builder.

The Plan shall include a detailed schedule for obtaining permits and approvals and for providing timely input and deliverables by the Design-Builder for the permits being obtained by Owner. The schedule shall identify each permit/approval and show discrete activities for draft application development, development of supporting materials for Owner-obtained permits and approvals, review of each application by Owner, incorporation of Owner's comments, revisions to the application, submittal of the application to the approving entity, preparation of responses to approving entity comments, resubmittal to the approving entity, and anticipated duration for obtaining final approval.

6.1.3 Permits and Approvals Required During Phase 2

For all permits/approvals that are required to be obtained or modified during Phase 2, the Design-Builder shall:

1. Periodically meet or otherwise coordinate with Owner regarding the strategy for and status of obtaining those permits.

2. Conduct any field studies, technical analysis or evaluations needed to support the permit/approval applications unless being conducted as part of another Phase 2 task.
3. For permits and approvals identified as Design-Builder's responsibilities, develop permit/approval applications and supporting documentation to meet the requirements of the governmental and non-governmental entities issuing the permits and approvals. Provide Owner with a draft of all applications for review and concurrence prior to submittal to the approving entity. Obtain Owner signatures and other signatures as needed for the applications.
4. For permits and approvals identified as Owner's responsibilities, support development of permit/approval applications and develop supporting documentation necessary for each permit/approval.
5. Actively monitor the status of permit/approval processing and respond to requests for clarification, additional information, and application revisions by the approving entities.
6. Attend meetings with the approving entities to expedite permit processing. Notify Owner in advance of such meetings for possible Owner attendance. Develop draft agenda and meeting minutes for distribution to the approval entities and Owner. Develop final agenda and meeting minutes incorporating changes and addressing comments.
7. Report to Owner once the permit or approval has been obtained.

The Design-Builder shall prepare and submit the required permit applications. Owner will pay all application fees.

Deliverables:

1. Draft, final, and revised applications for all regulatory permits and approvals listed as Design-Builder Responsibility in the Design Build Agreement, Attachment D, and identified as being required prior to the Contract Price Amendment
2. Draft, final and revised supporting technical information for Owner-obtained permits/ approvals required during Phase 2/ Construction
3. Draft, final and revised technical studies for permit and approval applications, including both Design-Builder and Owner obtained permits and approvals
4. Draft and final agenda and draft and final meeting minutes from meetings with permitting entities

Subtask 6.2 – Issued for Construction (IFC) Documents Package

Develop and submit a Construction Documents package submittal. The Construction Documents Package submittal shall include all documents, drawings and specifications required under this task or identified as being submitted along with the Construction Documents Package under other tasks. The Construction Documents package submittal shall include:

1. Refinements to design criteria and process calculations
2. Final hydraulic profile and elevation of structures
3. Updated process piping design
4. Updated equipment sizing
5. Process control narratives
6. Updated Process and Instrumentation Diagrams (P&IDs)
7. Final material and equipment selections
8. Fire protection plan

9. Structural design elements in accordance with final Geotechnical Report recommendations
10. Power supply system
11. Control system, including complete control descriptions and identification of critical control points
12. Constructability review of the Final Design documents identifying constructability issues and recommended resolutions
13. Designer updates and assistance with Opinion of Probable Construction Cost (OPCC)
14. Summary of status of permits
15. Quality Assurance/Quality Control Review documentation
16. Identification of design development since the GMP Construction Documents submittal.

Deliverables:

Construction Documents comprised of IFC version of specifications and drawings.

TASK 7 – ENGINEERING SERVICES DURING CONSTRUCTION

The Design-Builder will provide services during construction that will include:

- Review of submittals and substitutions
- Respond to Request for Information (RFIs), design clarifications and design changes
- Periodic site visits to observe ongoing construction at key milestones and factory witness testing
- Provide specialty inspections
- Change management including review of proposed change orders, providing Owner directed design changes
- Final walk through and punch lists
- Preparation of record drawings
- Finalize permitting and project closeout

These are further defined in the sections that follow.

Subtask 7.1 – Construction Engineering Coordination

The Construction Engineering Coordinator will manage the flow of information and documentation from the Engineer into the Construction Management Software (CMS). Of significant importance is the monitoring of responsiveness to submittal and request for information. CMS management includes the updates to schedules, change orders, RFI, submittals, Operation & Maintenance (O&M), warranties, substitution requests, and many other construction management documentation. The Coordinator Engineering Coordinator is responsible for maintaining this information on behalf of the Engineer.

The Construction Engineering Coordinator will prepare a construction submittal protocol. The protocol will establish procedures for submitting and documenting shop drawings, RFIs, Owner

requested design modifications, change order requests from others, testing procedures, and other documentation as required.

The Coordinator Engineering Coordinator will identify non-conforming work observed and recommend action to alleviate an emergency situation. Promptly recommend action by the Design-Builder to initiate corrective procedures for defective work, and coordinate special materials tests and performance tests needed to complete a high quality project.

The Coordinator Engineering Coordinator will also be responsible for interpreting the intent of the plans and specifications.

Subtask 7.2 – Review of Submittals and Substitutions

The Design-Builder design staff will follow the construction submittal protocol that establishes procedures for submitting, reviewing and filing of submittals. Equipment and materials submittals, test reports, and Operation & Maintenance (O&M) manuals will be reviewed for conformance with the Drawings and Specifications to verify that the design intent of the Project is maintained. Approximately 800 original submittals are estimated, and it is assumed one resubmittal review for each equipment and materials submittal. The submittal process is assumed to be fully electronic with all submittals maintained in the document control system (DCS) where they can be accessed for viewing by the Owner. The document management system (or Construction Management Software) will be e-Builder. It is assumed that the Owner will participate in the submittal review process as defined in the Division 0 documents provided with the GMP submission. Hardcopy submittals are not anticipated to be required for the Project, other than for samples.

Up to three (3) requested substitutions will be assessed by the Design-Builder. The feasibility of the changes will be explored and summarized in a letter to the Owner. Resulting design changes are defined in Subtask 7.4.

This task also includes design team liaison to the field team during critical periods of submittal reviews and approvals to coordinate resolution of issues quickly to allow work to proceed efficiently and timely.

Subtask 7.3 – Requests for Information (RFI) and Clarifications

The Design-Builder design staff will provide design and specification support services during construction to answer technical requests for information (RFI) submitted for the purpose of clarifying design intent or specific features presented in the final design drawings and specifications. Approximately 500 RFI are estimated.

Subtask 7.4 – Design Changes and Change Orders

The Design-Builder design staff will provide design and specification support services during construction. The Design-Builder will also manage change orders submitted by subcontractors and define necessary design modifications. The Design-Builder will provide up to 400 hours for design changes and managing change orders.

Subtask 7.5 – Site Visits and Factory Witness Testing

The Design-Builder design staff, from time to time, will make site visits to observe work and to answer technical questions and assist with resolving field issues. The purpose for these visits is

to assist in the timely resolution of Project issues, observing the work to confirm compliance with the design intent. Up to 60 individual site visits by technical staff are included in this task for the water purification facility and the park. These site visits are budgeted separately from construction meetings and separately from specialty site inspections. This includes travel time and other direct costs.

The Design-Builder will also provide specialty site inspections specific to requirements of the contract documents. The following are example special inspections:

- Reinforcing inspections are required by the designer prior to pouring concrete
- Production well installation inspection, geophysical logs
- Well development and pump test observation and approval
- Well interval sampling and analysis. Includes laboratory water quality testing
- Well completion report
- Disinfection and Florida Administrative Code (FAC) drink water testing observation and approval
- Pile installation inspections

In addition, the Design-Builder will attend 20 factory witness testing events. These are specific visits by the subject matter expert to observe testing of the equipment to be supplied and ensure it meets the performance requirements of the specifications.

Subtask 7.6 – Final Walk Through and Punch Lists

The Design-Builder design staff will conduct final walk throughs with the Owner for the development of punch list(s) for the completed facilities as they are completed and made ready for startup, commissioning, or beneficial use for the Owner. This will include site visits from the Engineer of Record, Architect of Record, or their designee to visually inspect the completed work and identify remaining items (punch list) necessary to achieve the requirements of the design.

Subtask 7.7 – Record Drawings

After substantial completion of the Project by the Owner, the Design-Builder shall prepare and submit a set of Record Drawings modified to show changes made during the construction based on the Design-Builder field as built drawings. One (1) round of updates/edits to the record drawings based on Owner comments is assumed. These drawings will be designated in the revision block as “construction record” drawings and will be sealed by the Architect or Engineer of Record, or Engineer having direct supervision of the work, indicating that the drawings have been revised to reflect record information based on information furnished by others in accordance with Florida regulations. One hardcopy print of the Record Drawings and one electronic copy of the Record Drawings will be provided.

Subtask 7.8 – Permit and Project Closeout

The Design Build design staff will assist the construction team in the final close out of permits at the end of the construction phase of the Project. This may require design revisions, addenda or preparation of supplemental sketches or details to further address and certify the project completion. This subtask will provide project administrative activities related to proper closing of the project in the Design-Builder’s delivery system. The oversight will confirm that project close-out documents are reviewed for completion and distributed/filed as required. The list of documents may include certifications to the permitting authorities, record drawings, vendor O&M manuals, etc.

Key Deliverables

1. Construction Submittal Protocol
2. Submittal Reviews
3. RFI Responses
4. Punch List(s)
5. Record Drawings

TASK 8 –COMMISSIONING, OPERATIONS AND TRAINING

The Design-Builder will provide commissioning, operations and training support services for the Project. Services to be provided include:

- Commissioning Support
- Process Vendor Training (not including facility operation training)
- Develop Standard Operating Procedures
- Services to develop and prepare Operations and Maintenance Manual is not included. (vendor O&M manuals are reviewed as part of Subtask 7.2)

Subtask 8.1 Commissioning Support

Commissioning Planning

The Design-Builder will work to complete the draft and final Commissioning Plan that will detail the commission activities related to checkout, startup, and testing. The draft Commissioning Plan will be reviewed by the Owner. Comments will be addressed and agreed upon prior to issuing the final Commissioning Plan.

Commissioning Coordination Meetings

An O&M Specialist will conduct up to 15 commissioning coordination meetings (assumed to be 1 day onsite) with Design Build Team and appropriate subcontractors. The meetings will be used to coordinate upcoming startup events, equipment and processing testing, and to discuss commissioning activities. The Commissioning Plan will be utilized as a guide during these meetings and adjusted as necessary to transition from commissioning to beneficial use. Additional coordination on commissioning activities will occur during monthly progress meetings.

Functional and Performance Witness Testing

An O&M Specialist will manage and observe the field startup activities, including the wet functional testing and performance testing and initial startup and operation by vendor or manufacturer's representatives. The O&M Specialist will direct, witness, and document the startup and testing activities from manufacturer's and provide written documentation. The documentation will include, at a minimum: date and time of activity; nature of activity; performance test or startup activity; specification requirements; people attending; test or activity data; and results, problems or follow-up requirements. It is assumed that functional testing will be conducted over 24 continuous hours, for each process equipment defined and require a total of two (2) weeks to complete all functional testing. It is assumed that performance testing will be conducted seven (7) continuous days, for each piece of process equipment defined in the commissioning plan. It is assumed that initial testing will be successful and no repeat testing necessary. In the event that repeat testing is necessary, then the risk register will fund the additional fee for all repeat tests.

Commissioning

During start-up, Design-Builder will provide on-site, O&M Specialists who will assist operating staff and lead the commissioning team through the various facility start-up phases for equipment and process functional and performance testing, start-up and systems optimization. System testing will be conducted on the entire facility, operating as a complete system to meet the overall processing objectives and purified water quality. The duration for facility commissioning will be three (3) continuous weeks. It is assumed that initial testing will be successful and no repeat testing necessary. In the event that repeat testing is necessary, then the risk register will fund the additional fee for all repeat tests.

An O&M Specialist will maintain a checklist to track and monitor the readiness of equipment and processes for testing. The checklist will include specified pre-testing submittals and actions, physical readiness, and submittal of the manufacturers certificate of proper installation.

In addition, an O&M Specialist will review Vendor/Subcontractor startup and testing program and instructions for field, performance testing, and manufacturer's startup activities, including checkout, testing and initial operations.

The O&M Specialist will provide hands-on guidance to facility staff through startup and initial operation.

The O&M Specialists will provide the following during this task:

- Lead Functional Testing, Performance Testing and Facility Commissioning of the work

- Assist plant staff in process preparation for initial operation
- Provide guidance and assistance in the commissioning of new work
- Recommend process analysis, monitoring and control adjustments
- Monitor and recommend process optimization adjustments
- Prepare sample process equipment status log sheets
- Provide informal hands-on instruction to plant staff
- Provide sampling and analysis during testing to document compliance with performance requirements

Subtask 8.2 Process Vendor Training

The O&M Specialist will coordinate Vendor or Manufacturer training for the new construction plant equipment and or processes. Vendor prepared training plans will be reviewed to confirm that subject matter is covered properly, and training materials are developed for handouts. An O&M Specialist will monitor select vendors and manufacturers' training to confirm that it complies with the intent of the specifications and that the material is covered adequately and professionally. An O&M Specialist will take attendance and provide feedback on design intent during the training session to augment the learning experience.

Water Purification Facility operations training is not included.

Subtask 8.3 Develop Standard Operating Procedures (SOP)

The SOPs are designed to provide WPF operating staff with specific procedures for startup, shutdown, process operations and other related tasks for maintaining and optimizing plant operations of the new and upgraded equipment and systems. The formatting of SOPs will be developed and agreed upon through an initial task workshop.

SOP Kickoff Workshop

During the development process of SOPs, and O&M Specialist will conduct a workshop to discuss SOP formatting, required content and expectations. In addition, a preliminary list of specific SOPs will be developed and agreed upon.

SOP Development

The Design-Builder will develop up to 15 SOPs that will provide detailed procedures for treatment plant and processes requiring consistent, safe task completion. The SOPs will contain plant specific operations guidelines developed specifically for tasks necessary for operation. Preparations for the SOPs will include collection of information, authoring of text, and discussion and review with plant staff. The SOPs will be enhanced with photographs, illustrations and/or figures for simplification and clarification of essential details. In addition, control panel photos and pertinent screen shots will be included. The SOPs will be written in terms intended to maximize reader comprehension to a target audience who possess basic reading skills and to maximize use. The SOPs will be "specific task" oriented and typically consist of 2 to 6 pages per procedure.

Draft SOPs will be provided to Owner operations staff for review and comment and SOPs will then be finalized. The final source files for MS Word, MS Excel, and associated figures and photos in their native format for subsequent use in updates to these SOPs will be provided. The information will be delivered using a standardized file structure so that the information can be easily located when updates are required.

The following target areas will be evaluated for SOPs with the final list of SOPs to be developed in conjunction with the Owner:

- Monitoring - Field
- Monitoring – Supervisory Control and Data Acquisition (SCADA)
- Plant Start-Up and Shutdown
- Process Control
- Pumping Systems
- Chemical offloading, calibration, pumping
- Membrane Cleaning In Place
- Plant Upset Protocols
- Process Control Laboratory Testing

ATTACHMENT B COMPENSATION

SECTION 2 CONTRACT PRICE FOR PHASE 2 SERVICES

Palm Beach County Water Utilities Department
 Green Cay Phase II, Water Purification and Park
 Flavor Pict Road, Boyton Beach, Florida
 Progressive Design-Build GMP
 CDM Smith



Electronic

Date:

Monday, November 13, 2023

GREEN CAY PHASE 2, GMP BREAKDOWN

DIRECT COSTS (FROM BLUE SHEET SUMMARY)	\$57,175,135.63
Owner's Interactive Display Allowance	\$3,979,000.00
Builders Risk Insurance	\$727,504.00
General Liability	\$112,700.00
Design-Builder Bonds	\$661,197.00
Florida Bond Surcharge	\$65,949.00
Design-Builder Contingency	\$4,600,000.00
Escalation	Per Basis of GMP
ODP Tax Savings	\$0.00
Design-Builder OH&P	\$7,405,363.42
General Conditions	\$9,390,849.20
Permits	\$335,304.00
Final Design & ESDCs	\$3,725,877.30
ROTO Detail Design and Media Pre-Production	\$956,015.00
Phase 1	\$9,585,612.61
Owner's Contingency	\$500,000.00
Total GMP	\$99,220,507.16

Direct Cost Backup



Green Cay Phase 2 PDB

Package/Section:	Selected Bid
15510 INSTALL WPF GUARDSHACK AND PARK RESTROOM-A	\$848,284.40
15540 GC PARK PAVILIONS AND TIMBER CONSTRUCTION	\$1,152,602.92
55970 WPF AND PARK EXTERIOR SIGNAGE	\$161,153.88
57068 PRE-ENGINEERED METAL CANOPY	\$293,259.80
63011 WPF AND WELLS PROCESS PAINTING AND COATINGS	\$119,475.00
7201760 SUBMERSIBLE PUMPS	\$15,473.00
72040 WPF PROCESS MECHANICAL	\$2,934,855.00
72041 PROCESS MECHANICAL VALVES	\$404,633.73
72042 STAINLESS STEEL PROCESS PIPE	\$653,616.51
72043 DUCTILE IRON PIPE AND ACCESSORIES	\$475,877.40
72052 RO FEED WATER PUMPS	\$618,932.14
79050 GC LANDSCAPING	\$3,346,307.42
89022 MF-UF and RO EQUIPMENT	\$4,464,733.35
89023 UV ADVANCED OXIDATION EQUIPMENT	\$448,533.00
89025 CHEMICAL PUMP SKIDS	\$343,017.65
89026 CHEMICAL TANKS	\$693,407.08
89027 STATIC MIXERS	\$79,695.36
89028 WPF AND PARK I&C	\$3,520,796.40
90921 COOPER BUILDING CONSTRUCTION PACKAGE	\$13,275,806.02
91244 GC EARTHWORK	\$6,054,579.53
91275 TESTING AND INSPECTIONS	\$68,942.42
91276 SURVEYING	\$187,643.05
91347 WPF AND PARK SITE CONCRETE AND MASONRY	\$592,143.45
91356 WELL RW AND PURW TRANSMISSION MAINS AND AERIAL CROSSING	\$3,196,134.77
91361 GC PARK, WPF, AND CHEMICAL CIP CONCRETE	\$758,850.34
91395 GC WPF AND PARK ASPHALT PAVING	\$1,144,555.31
91438 ELECTRICAL	\$4,830,907.81
91438 ELECTRICAL GEAR	\$1,343,879.19
91458 GC MISCELLANEOUS METALS	\$289,021.08
91468 WPF YARD PIPING AND PARK SITE PLUMBING	\$2,393,906.08
96296 PRODUCTION WELL INSTALLATION AND APPURTENANCES	\$1,374,532.03
98815 WPF, PARK AND WELL FENCE AND GATES	\$513,844.84
98863 GC PARK PLAYGROUND AND EXERCISE EQUIPMENT	\$536,713.90
98864 WPF AND PARK SITE FURNISHINGS	\$39,021.78
TOTAL	\$57,175,135.63

*Orange Highlighting Denotes Owner Direct Purchased Equipment Packages

BASIS OF GREEN CAY PHASE 2 GMP

The Guaranteed Maximum Price (GMP) for the final design, construction, and startup of the Project is \$99,220,507.16 inclusive of Phase 1 services and is based on the following:

- This GMP is valid until December 19, 2023 with NTP no later than December 28, 2023
- Cost escalation due to public posting of the subcontractor and supplier quotations is excluded. DESIGN-BUILDER reserves the right to modify the GMP if Subcontractor or Vendor quotes are exposed prior to Notice to Proceed (NTP).
- DESIGN-BUILDER will perform all General Conditions Costs for the lump sum amount of \$9,390,849.20 which is included as part of the \$99,220,507.16 GMP. General Conditions includes all CDM Smith Construction Management labor including:
 - Project Management, Project Supervision, Health & Safety, Project Controls, Procurement, Accounting, Administrative, and Executive Management, and other staff to execute the GMP.
 - CDM Smith management equipment including computers, cell phones, and vehicles is included.
 - Travel and housing for project delivery is included.
- DESIGN-BUILDER will be paid for all Final Design and Engineering Services During Construction on a Time and Material Basis in Accordance with the Contract. The value of Final Design and Engineering Services During Construction is estimated to be \$3,725,877.30 not inclusive of Roto final design, and is included in the total GMP value of \$99,220,507.16.
- DESIGN-BUILDER will be paid for Roto final design at the cost incurred by DESIGN-BUILDER without markup. Roto final design is estimated at \$956,015.00 and this value is included in the \$99,220,507.16 GMP.
- Phase 1 services in the amount of \$9,585,612.61 are included in the \$99,220,507.16 GMP.
- Builders Risk Insurance, General Liability Insurance, and Design-Builder Bonds are included within the \$99,220,507.16 GMP and are estimated to total \$1,567,350.00. DESIGN-BUILDER shall invoice the COUNTY based on actual cost for Bonds and Builders Risk Insurance plus 11% markup per the Contract.
- Building Permits are estimated to total \$335,304.00. Cost for the permits is included within the within the \$99,220,507.16 GMP.
- The GMP includes a Design Builder Contingency of \$4,600,000.00 within the \$99,220,507.16 GMP in accordance with Section 7.2.1 of the AGREEMENT. DESIGN-BUILDER shall have access to the contingency in accordance with the AGREEMENT. The Risk Register is included in this GMP Submission and includes many of the known risks identified at this stage of the project. However, the Risk Register is not a line-item contingency and instead is meant to roughly quantify the expected risks on the overall project. Contingency shall be utilized for the risks and at the values as they occur. The Risk Register is not meant to change the definition of unforeseen conditions or other contractual terms per the Agreement and the Agreement shall control.
- The GMP includes an Owner's Contingency of \$500,000.00 within the \$99,220,507.16 GMP in accordance with Section 7.2.2 of the AGREEMENT. Owner may use the Owner's Contingency as determined by Owner until funds have been utilized. Design-Builder does not guarantee any specific scope of work or service to be within the Owner's Allowance. Design-Builder shall be compensated for Owner's Contingency expenditures in accordance with the Agreement including receiving an 11% markup on any direct or indirect construction costs.

- The GMP proposal assumes that OWNER will purchase the equipment and materials in major procurement packages to reduce tax costs. The packages the Owner shall purchase include:
 - 7201760 Sump Pumps
 - 72041 Process Mechanical Valves
 - 72042 Stainless Steel Process Pipe
 - 72043 Ductile Iron Pipe and Accessories
 - 72052 RO Feed Water Pumps
 - 89022 MF-UF and RO Equipment
 - 89023 UV AOP Equipment
 - 89025 Chemical Pump Skids
 - 89026 Chemical Tanks
 - 89027 Static Mixers
- DESIGN-BUILDER will be paid for all direct and indirect cost of construction incurred as part of the administration of the project in accordance with the AGREEMENT and will receive 11% markup on all direct costs. Costs include all Subcontractors, Vendors, Materials Suppliers, Equipment Suppliers, Construction Rentals, small tools, etc. as required to construct the project.
- DESIGN-BUILDER shall self-perform the Process Electrical and Instrumentation scopes of work on a lump sum basis in accordance with the GMP bid. The Park Electrical Scope of work is not included in this self-performed work and is intended to be Subcontracted out. In the event that the Park Electrical work cannot be Subcontracted, then Design-Builder shall formally bid this scope of work on a fixed price basis. The total value paid to DESIGN-BUILDER for this work shall be the bid value plus a 11% markup, equating to \$8,682,091.71 inclusive of markup excluding the park electrical. Process Electrical work shall be “trued up” with the Issued For Construction (IFC) design documents similar to other subcontracted bid packages. Detail cost breakdowns of any true up costs shall be provided by Design-Builder to Owner.
- DESIGN-BUILDER shall self-perform the process mechanical and the process yard piping scopes of work on a lump sum basis in accordance with the GMP bid. The total value paid to DESIGN-BUILDER for this work shall be the bid value plus a 11% markup equating to \$5,101,087.58 inclusive of markup. Process Mechanical and Process Yard Piping work shall be “trued up” with the Issued For Construction (IFC) design documents similar to other subcontracted bid packages. Detail cost breakdowns of any true up costs shall be provided by Design-Builder to Owner.
- A direct cost reduction for the Park Restroom and the WPF Entrance Guard House has been taken in an effort to reduce costs. Design-Builder reserves the right to redesign both structures to meet budget expectations including transitioning to a conventional building, so long as the redesigned structures roughly meet the size, form, or function of the spaces as shown on the Issued for Bid (IFB) Drawings.
- An Allowance is included for the interactive displays portion of the project given that the details surrounding that portion of the job are incomplete and design refinement will be completed post-GMP. An allowance in the amount of \$3,979,000.00 is included within the \$99,220,507.16 GMP. Actual costs incurred as part of the allowance will be invoiced to Owner plus 11% markup. This work is also scheduled in Attachment C as a placeholder activity, but the work may take more or less time as planned depending on the application of the Allowance. Details of the allowance:
 - 8.4.8.1 Any and all Allowance Items, as well as their corresponding Allowance Values, are set forth in the Contract Price Amendment or the Proposal.
 - 8.4.8.2 Design-Builder and Owner have worked together to review the Allowance Items and Allowance Values based on design information then available to determine that the Allowance Values constitute reasonable estimates for the Allowance Items. Design-Builder and Owner will continue working closely together during the preparation of the design to develop Construction Documents consistent with the Allowance Values. Nothing herein is intended in any way to constitute a guarantee by Design-Builder that the Allowance Item in question can be performed for the Allowance Value.

- 8.4.8.3 No work shall be performed on any Allowance Item without Design-Builder first obtaining in writing advance authorization to proceed from Owner. Owner agrees that if Design-Builder is not provided written authorization to proceed by the date set forth in the Project schedule, due to no fault of Design-Builder, Design-Builder may be entitled to an adjustment of the Contract Time(s) and Contract Price.
 - 8.4.8.4 Whenever the actual costs for an Allowance Item is more than or less than the stated Allowance Value, the Contract Price shall be adjusted accordingly by Change Order. The amount of the Change Order shall reflect the difference between actual costs incurred by Design-Builder for the particular Allowance Item and the Allowance Value, plus 11% markup.
- County shall provide all chemicals and electricity as required for startup and operations of the plant.
- Startup and Commissioning assumes two (2) weeks functional testing, three (3) weeks performance testing, and three (3) weeks commission. Any further start up or commissioning efforts, such as retesting, are not included within the GMP.
- A detail list of anticipated chemicals including but not limited to types, vendors, quantities of each required chemical planned for startup and operation shall be provided to County 12 months prior to the date required on site.
- All work for the Park Exercise area is deferred and will be furnished by the County at some time in the future.
- Workstations by County as per Process and Instrumentation Diagrams (P&IDs).
- No Buy American/Buy America provision included.
- No American Iron and Steel Act included.
- No additional money is included for any direct or indirect effects of U.S. Tariffs on steel or aluminum.
- No Davis-Bacon wage rates included.
- Palm Beach County Living Wage rates are included.
- No State Revolving Fund (SRF), Water Infrastructure Finance and Innovation Act (WIFIA) or similar Funding and associated requirements are included.
- GMP Based on the IFB Design Drawings. Review comments on the 60% design are not included as many were outside of the project budget.
- Chemical skids are not fully enclosed, they are only “backed” with a back and bottom and front sill.
- Integrator limitations in the specification are not required and CDM Constructors Inc. shall be the Electrical and Instrumentation & Controls (I&C) Contractor.
- No rock excavation is included.
- No consideration for contaminated groundwater/soils or hazardous materials is included (i.e. asbestos, lead, etc.).
- All Concrete is 4,000psi (pounds per square inch) unless otherwise directed in the design.
- Building Permit Costs are included. No other permits such as environmental permits or similar are included.
- Sales taxes are included.
- Work is based on a normal Monday thru Friday 40-hour work week. No weekend or after-hours work is included.
- No new electrical standby generators are being provided.
- CDM Constructors Inc. Payment & Performance Bonds are included for the value of construction only.
- Project contains no classified areas within the work scope.
- There is no Maintenance Contract or Maintenance Scope outside of our 1-year warranty. Specifically, maintenance of park landscaping shall be by others.
- The GMP is based on the Issued for Bid (IFB) specifications Volume 1, 2, & 3 dated July 2023.
- The GMP is based on the Issued for Bid Submittal drawings dated July 2023. Drawings include:

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G-3	INDEX SHEET II
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G-5	STANDARD ABBREVIATIONS
G-6	PROCESS FLOW DIAGRAM
G-7	PROCESS FLOW DIAGRAM, BACKWASH, PERMEATE FLUSH & CIP SYSTEMS
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C-4	EXISTING CONDITIONS & SITE DEMOLITION PLANS I
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C-6	STORMWATER POLLUTION PREVENTION PLANS
C-7	STORMWATER POLLUTION PREVENTION DETAILS
C-8	WATER DISTRIBUTION & WASTE COLLECTION PLANS
C-9	POTABLE WATER STANDARD DETAILS I
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C-12	WASTEWATER STANDARD DETAILS I
C-15	PAVEMENT MARKINGS & SIGNAGE PLANS I
C-16	PAVEMENT MARKINGS & SIGNAGE PLANS II
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C-20	GRADING, PAVING & DRAINAGE PLANS II
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C-24	ENLARGED YARD PIPING PLAN
C-25	PIPING PROFILE I
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CD-1	GRADING, PAVING & DRAINAGE DETAILS I
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M-4	TYPICAL WELL CONSTRUCTION DETAILS
MD-1	MECHANICAL STANDARD DETAILS I
HVAC	
H-1	HVAC SYMBOLS & ABBREVIATIONS
H-2	HVAC PLAN
PLUMBING	
P-1	PLUMBING SYMBOLS & ABBREVIATIONS
P-2	PLUMBING PLAN
ELECTRICAL	
E-1	ELECTRICAL LEGEND I
E-2	ELECTRICAL LEGEND II
E-3	GENERAL ELECTRICAL NOTES
E-4	ELECTRICAL SITE PLAN
E-5	ENLARGED ELECTRICAL SITE PLAN
E-6	RESTROOM ELECTRICAL POWER PLAN
E-7	PAVILION ELECTRICAL POWER PLAN
E-8	WELL 3W-41 ELECTRICAL PLAN & ONE LINE
E-9	WELL 3W-38 ELECTRICAL PLAN & ONE LINE
E-10	CONTROL PANEL LAYOUT
E-11	VFD CONTROL PANEL LAYOUT
INSTRUMENTATION & CONTROLS	
I-1	INSTRUMENTATION LEGEND I
I-2	INSTRUMENTATION LEGEND II
I-3	WPF SCADA NETWORK BLOCK DIAGRAM
I-4	PROCESS & INSTRUMENTATION DIAGRAM 3W-38, 3W-39, 3W-40, 3W-41

Palm Beach County Water Utilities Department Green Cay Phase 2 PDB Project

General Conditions



GENERAL CONDITIONS

CLIENT NAME: Palm Beach County Water Utilities Department

PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

PROJECT NUMBER: 20-036

REV31 04-21-23

PRECON SERVICES

Cost Item	Takeoff Quantity	Labor Manhours	Labor Rate	Labor Amount	Material Amount	Equip Amount	Sub Amount	Other Amount	Total Unit Cost	Total Amount
PRELIM/PRECON SERVICES STAFFING										
PROJECT MANAGEMENT STAFF										
Area Leader	9 /wk	36 mh	\$ 223.58 hr	\$ 8,048.89	\$ -	\$ 575.70	\$ -	\$ -	\$ 958.29 /wk	\$ 8,624.59
Sr Project Mgr	9 /wk	180 mh	\$ 217.03 hr	\$ 39,065.16	\$ -	\$ 2,878.50	\$ -	\$ -	\$ 4,660.41 /wk	\$ 41,943.66
Site Project Mgr	9 /wk	360 mh	\$ 113.67 hr	\$ 40,921.51	\$ -	\$ 5,757.00	\$ -	\$ -	\$ 5,186.50 /wk	\$ 46,678.51
Precon Mgr	9 /wk	360 mh	\$ 178.90 hr	\$ 64,403.02	\$ -	\$ 5,757.00	\$ -	\$ -	\$ 7,795.56 /wk	\$ 70,160.02
Elec Delivery Lead	9 /wk	90 mh	\$ 114.35 hr	\$ 10,291.76	\$ -	\$ 1,439.25	\$ -	\$ -	\$ 1,303.45 /wk	\$ 11,731.01
I&C Integration Mgr	9 /wk	90 mh	\$ 175.61 hr	\$ 15,805.00	\$ -	\$ 76.71	\$ -	\$ -	\$ 1,764.63 /wk	\$ 15,881.71
Project Account	9 /wk	90 mh	\$ 99.49 hr	\$ 8,954.37	\$ -	\$ 76.71	\$ -	\$ -	\$ 1,003.45 /wk	\$ 9,031.08
VDC Mgr	9 /wk	90 mh	\$ 96.35 hr	\$ 8,671.64	\$ -	\$ 76.71	\$ -	\$ -	\$ 972.04 /wk	\$ 8,748.35
Sr Procurement Mgr	9 /wk	180 mh	\$ 131.88 hr	\$ 23,738.20	\$ -	\$ 153.42	\$ -	\$ -	\$ 2,654.62 /wk	\$ 23,891.62
Lead Procurement	9 /wk	216 mh	\$ 69.46 hr	\$ 15,004.06	\$ -	\$ 184.10	\$ -	\$ -	\$ 1,687.57 /wk	\$ 15,188.16
PROJECT MANAGEMENT STAFF	10 /wk	1692 mh		\$ 234,903.62	\$ -	\$ 16,975.08	\$ -	\$ -	\$ 25,187.87 /wk	\$ 251,878.70
FIELD STAFF										
Construction Mgr	9 /wk	180 mh	\$ 151.72 hr	\$ 27,309.53	\$ -	\$ 2,878.50	\$ -	\$ -	\$ 3,354.23 /wk	\$ 30,188.03
General Super	9 /wk	180 mh	\$ 154.03 hr	\$ 27,726.19	\$ -	\$ 2,878.50	\$ -	\$ -	\$ 3,400.52 /wk	\$ 30,604.68
Superintendent	9 /wk	180 mh	\$ 136.41 hr	\$ 24,552.91	\$ -	\$ 2,878.50	\$ -	\$ -	\$ 3,047.93 /wk	\$ 27,431.41
H&S Mgr	9 /wk	90 mh	\$ 130.18 hr	\$ 11,716.57	\$ -	\$ 1,439.25	\$ -	\$ -	\$ 1,461.76 /wk	\$ 13,155.82
Constr Specialist 1	9 /wk	180 mh	\$ 93.00 hr	\$ 16,740.62	\$ -	\$ 153.42	\$ -	\$ -	\$ 1,877.12 /wk	\$ 16,894.04
Constr Specialist 2	9 /wk	180 mh	\$ 113.67 hr	\$ 20,460.76	\$ -	\$ 153.42	\$ -	\$ -	\$ 2,290.46 /wk	\$ 20,614.17
Dual Hatted QC and H&S	9 /wk	36 mh	\$ 192.15 hr	\$ 6,917.22	\$ -	\$ 30.68	\$ -	\$ -	\$ 771.99 /wk	\$ 6,947.91
FIELD STAFF	9 /wk	1026 mh		\$ 135,423.80	\$ -	\$ 10,412.26	\$ -	\$ -	\$ 16,204.01 /wk	\$ 145,836.06
ESTIMATING										
Lead Estimator	9 /wk	180 mh	\$ 136.36 hr	\$ 24,545.47	\$ -	\$ 153.42	\$ -	\$ -	\$ 2,744.32 /wk	\$ 24,698.89
Elec Estimator	9 /wk	180 mh	\$ 128.28 hr	\$ 23,090.89	\$ -	\$ 153.42	\$ -	\$ -	\$ 2,582.70 /wk	\$ 23,244.31
Chief Estimator	9 /wk	90 mh	\$ 171.11 hr	\$ 15,399.51	\$ -	\$ 76.71	\$ -	\$ -	\$ 1,719.58 /wk	\$ 15,476.22
Estimating Mgr	9 /wk	36 mh	\$ 200.08 hr	\$ 7,202.93	\$ -	\$ 30.68	\$ -	\$ -	\$ 803.73 /wk	\$ 7,233.61
ESTIMATING	9 /wk	486 mh		\$ 70,238.80	\$ -	\$ 414.23	\$ -	\$ -	\$ 7,850.34 /wk	\$ 70,653.03
PROJECT CONTROLS										
Project Controls Mgr	9 /wk	18 mh	\$ 165.59 hr	\$ 2,980.57	\$ -	\$ 15.34	\$ -	\$ -	\$ 332.88 /wk	\$ 2,995.92
Sr Project Controls	9 /wk	72 mh	\$ 148.97 hr	\$ 10,725.90	\$ -	\$ 61.37	\$ -	\$ -	\$ 1,198.59 /wk	\$ 10,787.27
PROJECT CONTROLS	9 /wk	90 mh		\$ 13,706.47	\$ -	\$ 76.71	\$ -	\$ -	\$ 1,531.46 /wk	\$ 13,783.18
CLERICAL STAFF										
Project Admin	9 /wk	108 mh	\$ 63.06 hr	\$ 6,810.08	\$ -	\$ 92.05	\$ -	\$ -	\$ 766.90 /wk	\$ 6,902.13
Lead Project Admin	9 /wk	108 mh	\$ 79.63 hr	\$ 8,600.21	\$ -	\$ 92.05	\$ -	\$ -	\$ 965.81 /wk	\$ 8,692.26
CLERICAL STAFF	9 /wk	216 mh		\$ 15,410.30	\$ -	\$ 184.10	\$ -	\$ -	\$ 1,732.71 /wk	\$ 15,594.40
TRAVEL & SUBSISTENCE										
Area Lead Airfare	2 /Trips							\$ 1,200.00	\$ 600.00 /Trips	\$ 1,200.00
Area Lead Car Rental	2 /Trips							\$ 1,680.00	\$ 840.00 /Trips	\$ 1,680.00

Cost Item	Takeoff Quantity	Labor Manhours	Labor Rate	Labor Amount	Material Amount	Equip Amount	Sub Amount	Other Amount	Total Unit Cost	Total Amount
CONSTRUCTION GENERAL CONDITIONS STAFFING										
PROJECT MANAGEMENT STAFF										
Area Leader	106 /wk	424 mh	\$ 223.58 hr	\$ 94,798.03	\$ -	\$ 6,364.24	\$ -	\$ -	\$ 954.36 /wk	\$ 101,162.27
Sr Project Mgr	106 /wk	636 mh	\$ 217.03 hr	\$ 138,030.25	\$ -	\$ 9,546.36	\$ -	\$ -	\$ 1,392.23 /wk	\$ 147,576.61
Site Project Mgr	106 /wk	4240 mh	\$ 113.67 hr	\$ 481,964.49	\$ -	\$ 63,642.40	\$ -	\$ -	\$ 5,147.23 /wk	\$ 545,606.89
Precon Mgr	106 /wk	424 mh	\$ 178.90 hr	\$ 75,852.45	\$ -	\$ 6,364.24	\$ -	\$ -	\$ 775.63 /wk	\$ 82,216.69
Elec Delivery Lead	106 /wk	636 mh	\$ 114.35 hr	\$ 72,728.44	\$ -	\$ 9,546.36	\$ -	\$ -	\$ 776.18 /wk	\$ 82,274.80
I&C Integration Mgr	106 /wk	636 mh	\$ 175.61 hr	\$ 111,688.70	\$ -	\$ 508.80	\$ -	\$ -	\$ 1,058.47 /wk	\$ 112,197.50
Project Account	106 /wk	636 mh	\$ 99.49 hr	\$ 63,277.56	\$ -	\$ 508.80	\$ -	\$ -	\$ 601.76 /wk	\$ 63,786.36
VDC Mgr	106 /wk	848 mh	\$ 96.35 hr	\$ 81,706.13	\$ -	\$ 678.40	\$ -	\$ -	\$ 777.21 /wk	\$ 82,384.53
Sr Procurement Mgr	106 /wk	424 mh	\$ 131.88 hr	\$ 55,916.64	\$ -	\$ 339.20	\$ -	\$ -	\$ 530.72 /wk	\$ 56,255.84
Lead Procurement	106 /wk	424 mh	\$ 69.46 hr	\$ 29,452.41	\$ -	\$ 339.20	\$ -	\$ -	\$ 281.05 /wk	\$ 29,791.61
PROJECT MANAGEMENT STAFF	106 /wk	9328 mh		\$ 1,205,415.10	\$ -	\$ 97,838.00	\$ -	\$ -	\$ 12,294.84 /wk	\$ 1,303,253.10
FIELD STAFF										
Construction Mgr	106 /wk	4240 mh	\$ 151.72 hr	\$ 643,291.15	\$ -	\$ 63,642.40	\$ -	\$ -	\$ 6,669.18 /wk	\$ 706,933.55
General Super	106 /wk	4240 mh	\$ 154.03 hr	\$ 653,105.70	\$ -	\$ 63,642.40	\$ -	\$ -	\$ 6,761.77 /wk	\$ 716,748.10
Superintendent	86 /wk	3440 mh	\$ 136.41 hr	\$ 469,233.35	\$ -	\$ 51,634.40	\$ -	\$ -	\$ 6,056.60 /wk	\$ 520,867.75
H&S Mgr	106 /wk	424 mh	\$ 130.18 hr	\$ 55,198.08	\$ -	\$ 6,364.24	\$ -	\$ -	\$ 580.78 /wk	\$ 61,562.32
Constr Specialist 1	106 /wk	4240 mh	\$ 93.00 hr	\$ 394,334.58	\$ -	\$ 3,392.00	\$ -	\$ -	\$ 3,752.14 /wk	\$ 397,726.58
Constr Specialist 3	106 /wk	3180 mh	\$ 93.00 hr	\$ 295,751	\$ -	\$ 2,544	\$ -	\$ -	\$ 2,814.10 /wk	\$ 298,295
Constr Specialist 2	86 /wk	3440 mh	\$ 113.67 hr	\$ 391,027.79	\$ -	\$ 2,752.00	\$ -	\$ -	\$ 4,578.83 /wk	\$ 393,779.79
Dual Hatted QC and H&S	106 /wk	4240 mh	\$ 144.67 hr	\$ 613,409.35	\$ -	\$ 66,992.00	\$ -	\$ -	\$ 6,418.88 /wk	\$ 680,401.35
FIELD STAFF	106 /wk	27444 mh		\$ 3,515,350.94	\$ -	\$ 260,963.44	\$ -	\$ -	\$ 35,625.61 /wk	\$ 3,776,314.38
ESTIMATING										
Lead Estimator	106 /wk	424 mh	\$ 136.36 hr	\$ 57,818.21	\$ -	\$ 339.20	\$ -	\$ -	\$ 548.65 /wk	\$ 58,157.41
ESTIMATING	106 /wk	424 mh		\$ 57,818.21	\$ -	\$ 339.20	\$ -	\$ -	\$ 548.65 /wk	\$ 58,157.41
PROJECT CONTROLS										
Project Controls Mgr	106 /wk	212 mh	\$ 165.59 hr	\$ 35,104.54	\$ -	\$ 169.60	\$ -	\$ -	\$ 332.77 /wk	\$ 35,274.14
Sr Project Controls	106 /wk	848 mh	\$ 148.97 hr	\$ 126,327.27	\$ -	\$ 678.40	\$ -	\$ -	\$ 1,198.17 /wk	\$ 127,005.67
PROJECT CONTROLS	106 /wk	1060 mh		\$ 161,431.81	\$ -	\$ 848.00	\$ -	\$ -	\$ 1,530.94 /wk	\$ 162,279.81
CLERICAL STAFF										
Project Admin	106 /wk	1590 mh	\$ 63.06 hr	\$ 100,259.57	\$ -	\$ 1,272.00	\$ -	\$ -	\$ 957.84 /wk	\$ 101,531.57
Lead Project Admin	106 /wk	1590 mh	\$ 79.63 hr	\$ 126,614.26	\$ -	\$ 1,272.00	\$ -	\$ -	\$ 1,206.47 /wk	\$ 127,886.26
CLERICAL STAFF	106 /wk	3180 mh		\$ 226,873.83	\$ -	\$ 2,544.00	\$ -	\$ -	\$ 2,164.32 /wk	\$ 229,417.83
COMMISSIONING										
Commissioning Manager	106 /wk	424 mh	\$ 95.00 hr	\$ 40,280.00	\$ -	\$ -	\$ -	\$ -	\$ 380.00 /wk	\$ 40,280.00
Commissioning Lead	106 /wk	424 mh	\$ 75.00 hr	\$ 31,800.00	\$ -	\$ -	\$ -	\$ -	\$ 300.00 /wk	\$ 31,800.00
Commissioning Tech	106 /wk	424 mh	\$ 75.00 hr	\$ 31,800.00	\$ -	\$ -	\$ -	\$ -	\$ 300.00 /wk	\$ 31,800.00
COMMISSIONING	106 /wk	1272 mh		\$ 103,880.00	\$ -	\$ -	\$ -	\$ -	\$ 980.00 /wk	\$ 103,880.00
TRAVEL & SUBSISTENCE										
Area Lead Airfare	12 /Trips							\$ 7,200.00	\$ 600.00 /Trips	\$ 7,200.00
Area Lead Car Rental	12 /Trips							\$ 10,080.00	\$ 840.00 /Trips	\$ 10,080.00
Area Lead Hotel	12 /Trips							\$ 19,200.00	\$ 1,600.00 /Trips	\$ 19,200.00

CONSTRUCTION GCS

CONSTRUCTION GCS

Cost Item	Takeoff Quantity	Labor Manhours	Labor Rate	Labor Amount	Material Amount	Equip Amount	Sub Amount	Other Amount	Total Unit Cost	Total Amount
Area Lead Meals	12 /Trips							\$ 7,200.00	\$ 600.00 /Trips	\$ 7,200.00
Proj Mgr Airfare	20 /Trips							\$ 12,000.00	\$ 600.00 /Trips	\$ 12,000.00
Proj Mgr Car Rental	20 /Trips							\$ 16,800.00	\$ 840.00 /Trips	\$ 16,800.00
Proj Mgr Hotel	20 /Trips							\$ 32,000.00	\$ 1,600.00 /Trips	\$ 32,000.00
Proj Mgr Meals	20 /Trips							\$ 12,000.00	\$ 600.00 /Trips	\$ 12,000.00
CM Hotel	106 /Trips							\$ 132,500.00	\$ 1,250.00 /Trips	\$ 132,500.00
CM Meals	106 /Trips							\$ 53,000.00	\$ 500.00 /Trips	\$ 53,000.00
CS Car Rental	48 /Trips							\$ 40,320.00	\$ 840.00 /Trips	\$ 40,320.00
CS Hotel	48 /Trips							\$ 76,800.00	\$ 1,600.00 /Trips	\$ 76,800.00
CS Meals	48 /Trips							\$ 28,800.00	\$ 600.00 /Trips	\$ 28,800.00
Commiss Airfare	3 /Trips							\$ 1,800.00	\$ 600.00 /Trips	\$ 1,800.00
Commiss Car Rental	3 /Trips							\$ 2,520.00	\$ 840.00 /Trips	\$ 2,520.00
Commiss Hotel	3 /Trips							\$ 4,800.00	\$ 1,600.00 /Trips	\$ 4,800.00
Commiss Meals	3 /Trips							\$ 1,800.00	\$ 600.00 /Trips	\$ 1,800.00
Super Per Diem by Weeks	104 /Wks							\$ 163,800.00	\$ 1,575.00 /Wks	\$ 163,800.00
Super Per Diem by Weeks (After 1 Year)	88 /Wks							\$ 173,250.00	\$ 1,968.75 /Wks	\$ 173,250.00
TRAVEL & SUBSISTENCE								\$ 795,870.00		\$ 795,870.00
TRAINING & ORIENTATION										
PreHire/Orientation	4 /Ea							\$ 10,000.00	\$ 2,500.00 /Ea	\$ 10,000.00
OSHA 10 Training	4 /Ea							\$ 2,000.00	\$ 500.00 /Ea	\$ 2,000.00
Specific Training	4 /Ea							\$ 2,000.00	\$ 500.00 /Ea	\$ 2,000.00
TRAINING & ORIENTATION								\$ 14,000.00		\$ 14,000.00
TEMP SANITARY SERVICE										
Portable Toilets (Month)	480 /Mon							\$ 72,000.00	\$ 150.00 /Mon	\$ 72,000.00
SS Tank Service	30 /Mon							\$ 75,000.00	\$ 2,500.00 /Mon	\$ 75,000.00
TEMP SANITARY SERVICE								\$ 147,000.00		\$ 147,000.00
TEMP TELEPHONE & COMM										
Internet Hotspots	4 /Ea							\$ 600.00	\$ 150.00 /Ea	\$ 600.00
Internet Monthly	120 /Mon							\$ 24,000.00	\$ 200.00 /Mon	\$ 24,000.00
TEMP TELEPHONE & COMM								\$ 24,600.00		\$ 24,600.00
CDM FIELD OFFICES										
CDM Office Trailer	44 /Mon							\$ 52,800.00	\$ 1,200.00 /Mon	\$ 52,800.00
CDM Trailer Mob/Demob	2 /Ea							\$ 10,000.00	\$ 5,000.00 /Ea	\$ 10,000.00
CDM FIELD OFFICES								\$ 62,800.00		\$ 62,800.00
CDM FIELD OFFICE EQUIP/SUPPLY										
CDM Furniture LS	1 /LS							\$ 5,000.00	\$ 5,000.00 /LS	\$ 5,000.00
CDM Copier/Printer	2 /Ea							\$ 3,000.00	\$ 1,500.00 /Ea	\$ 3,000.00
CDM Office Supplies	30 /Mon							\$ 10,500.00	\$ 350.00 /Mon	\$ 10,500.00
CDM Drinking Water	30 /Mon							\$ 9,000.00	\$ 300.00 /Mon	\$ 9,000.00
Aerial Photo	5 /Ea							\$ 7,500.00	\$ 1,500.00 /Ea	\$ 7,500.00
Cleaning Service	30 /Mon							\$ 19,500.00	\$ 650.00 /Mon	\$ 19,500.00
CDM FIELD OFFICE EQUIP/SUPPLY								\$ 54,500.00		\$ 54,500.00
TEMP FACILITIES										

CONSTRUCTION GCS

CONSTRUCTION GCS

Cost Item	Takeoff Quantity	Labor Manhours	Labor Rate	Labor Amount	Material Amount	Equip Amount	Sub Amount	Other Amount	Total Unit Cost	Total Amount
Water Connection	2 /Ea							\$ 2,000.00	\$ 1,000.00 /Ea	\$ 2,000.00
Water Truck & Ice	30 /Mon							\$ 12,000.00	\$ 400.00 /Mon	\$ 12,000.00
Sanitary Connection	2 /Ea							\$ 1,300.00	\$ 650.00 /Ea	\$ 1,300.00
Elec Connection	2 /Ea							\$ 5,000.00	\$ 2,500.00 /Ea	\$ 5,000.00
Elec Usage	30 /Mon							\$ 12,000.00	\$ 400.00 /Mon	\$ 12,000.00
Mob & Set-up	2 /Ea							\$ 29,000.00	\$ 14,500.00 /Ea	\$ 29,000.00
Demob	2 /Ea							\$ 40,530.00	\$ 20,265.00 /Ea	\$ 40,530.00
Site Vehicles	30 /Mon							\$ 10,500.00	\$ 350.00 /Mon	\$ 10,500.00
ATVs	30 /Mon							\$ 10,500.00	\$ 350.00 /Mon	\$ 10,500.00
Conex Boxes	45 /Ea							\$ 4,500.00	\$ 100.00 /Ea	\$ 4,500.00
Temp Fencing	60000 lfmo							\$ 19,200.00	\$ 0.32 lfmo	\$ 19,200.00
Site Maintenance	120 /Wks							\$ 78,720.00	\$ 656.00 /Wks	\$ 78,720.00
Temp Constr Power	50 /Wks							\$ 50,000.00	\$ 1,000.00 /Wks	\$ 50,000.00
Final Clean-up	10 /LS							\$ 25,000.00	\$ 2,500.00 /LS	\$ 25,000.00
TEMP FACILITIES								\$ 300,250.00		\$ 300,250.00
CONSTR EQUIP & SMALL TOOLS										
Misc Small Tools	39528 /Mh					\$ 118,584.00			\$ 3.00 /Mh	\$ 118,584.00
CONSTR EQUIP & SMALL TOOLS						\$ 118,584.00				\$ 118,584.00
VDC EQUIP/DRONES										
VDC Equip Rental	30 /Mon							\$ 150,000.00	\$ 5,000.00 /Mon	\$ 150,000.00
VDC EQUIP/DRONES								\$ 150,000.00		\$ 150,000.00
SAFETY										
Drug Testing	22 /Ea							\$ 11,000.00	\$ 500.00 /Ea	\$ 11,000.00
Safety Supplies	39528 /Mh					\$ 22,135.68			\$ 0.56 /Mh	\$ 22,135.68
Fall Protection	20 /Ea							\$ 5,800.00	\$ 290.00 /Ea	\$ 5,800.00
Safety Lines	20 /Ea							\$ 8,000.00	\$ 400.00 /Ea	\$ 8,000.00
Fire Extinguishers	50 /Ea							\$ 5,900.00	\$ 118.00 /Ea	\$ 5,900.00
SAFETY						\$ 22,135.68		\$ 30,700.00		\$ 52,835.68
SECURITY/TRAFFIC CONTROL										
Project Sign	1 /Ea							\$ 2,500.00	\$ 2,500.00 /Ea	\$ 2,500.00
Traffic Control	40 /Wks							\$ 84,000.00	\$ 2,100.00 /Wks	\$ 84,000.00
6" Gravel Fill	6000 /SY							\$ 24,000.00	\$ 4.00 /SY	\$ 24,000.00
Repair Roads	6000 /SY							\$ 24,000.00	\$ 4.00 /SY	\$ 24,000.00
SECURITY/TRAFFIC CONTROL								\$ 134,500.00		\$ 134,500.00
SURVEY										
Initial Control Points	2 /LS							\$ 7,000.00	\$ 3,500.00 /LS	\$ 7,000.00
Relocate Survey & Layout	2 /LS							\$ 7,000.00	\$ 3,500.00 /LS	\$ 7,000.00
SURVEY								\$ 14,000.00		\$ 14,000.00
CONTRACT REQUIREMENTS										
Textura Accounting	1 /LS							\$ 15,000.00	\$ 15,000.00 /LS	\$ 15,000.00
Predictive Solutions	1 /LS							\$ 5,000.00	\$ 5,000.00 /LS	\$ 5,000.00
LCP Certified Payroll	1 /LS							\$ 18,500.00	\$ 18,500.00 /LS	\$ 18,500.00
Tablets	8 /Ea							\$ 8,000.00	\$ 1,000.00 /Ea	\$ 8,000.00

CONSTRUCTION GCS

CONSTRUCTION GCS

	Cost Item	Takeoff Quantity	Labor Manhours	Labor Rate	Labor Amount	Material Amount	Equip Amount	Sub Amount	Other Amount	Total Unit Cost	Total Amount	
COMMISSIONING GCS	STARTUP & COMMISSIONING STAFFING											
	PROJECT MANAGEMENT STAFF											
		Area Leader	25 /wk	75 mh	\$ 223.58 hr	\$ 16,768.52	\$ -	\$ 1,125.75	\$ -	\$ -	\$ 715.77 /wk	\$ 17,894.27
		Sr Project Mgr	25 /wk	150 mh	\$ 217.03 hr	\$ 32,554.30	\$ -	\$ 2,251.50	\$ -	\$ -	\$ 1,392.23 /wk	\$ 34,805.80
		Site Project Mgr	25 /wk	400 mh	\$ 113.67 hr	\$ 45,468.35	\$ -	\$ 6,004.00	\$ -	\$ -	\$ 2,058.89 /wk	\$ 51,472.35
		Elec Delivery Lead	25 /wk	500 mh	\$ 114.35 hr	\$ 57,176.45	\$ -	\$ 7,505.00	\$ -	\$ -	\$ 2,587.26 /wk	\$ 64,681.45
		I&C Integration Mgr	25 /wk	500 mh	\$ 175.61 hr	\$ 87,805.58	\$ -	\$ 400.00	\$ -	\$ -	\$ 3,528.22 /wk	\$ 88,205.58
		Project Account	25 /wk	100 mh	\$ 99.49 hr	\$ 9,949.30	\$ -	\$ 80.00	\$ -	\$ -	\$ 401.17 /wk	\$ 10,029.30
		PROJECT MANAGEMENT STAFF	25 /wk	1725 mh		\$ 249,722.50	\$ -	\$ 17,366.25	\$ -	\$ -	/wk	\$ 267,088.75
		FIELD STAFF										
	Construction Mgr	25 /wk	150 mh	\$ 151.72 hr	\$ 22,757.94	\$ -	\$ 2,251.50	\$ -	\$ -	\$ 1,000.38 /wk	\$ 25,009.44	
	General Super	25 /wk	150 mh	\$ 154.03 hr	\$ 23,105.15	\$ -	\$ 2,251.50	\$ -	\$ -	\$ 1,014.27 /wk	\$ 25,356.65	
	H&S Mgr	25 /wk	50 mh	\$ 130.18 hr	\$ 6,509.21	\$ -	\$ 750.50	\$ -	\$ -	\$ 290.39 /wk	\$ 7,259.71	
	Constr Specialist 1	25 /wk	150 mh	\$ 93.00 hr	\$ 13,950.52	\$ -	\$ 120.00	\$ -	\$ -	\$ 562.82 /wk	\$ 14,070.52	
	Constr Specialist 2	25 /wk	150 mh	\$ 113.67 hr	\$ 17,050.63	\$ -	\$ 120.00	\$ -	\$ -	\$ 686.83 /wk	\$ 17,170.63	
	FIELD STAFF	25 /wk	650 mh		\$ 83,373.45	\$ -	\$ 5,493.50	\$ -	\$ -	/wk	\$ 88,866.95	
	CLERICAL STAFF											
	Project Admin	25 /wk	300 mh	\$ 63.06 hr	\$ 18,916.90	\$ -	\$ 240.00	\$ -	\$ -	\$ 766.28 /wk	\$ 19,156.90	
	Lead Project Admin	25 /wk	300 mh	\$ 79.63 hr	\$ 23,889.48	\$ -	\$ 240.00	\$ -	\$ -	\$ 965.18 /wk	\$ 24,129.48	
	CLERICAL STAFF	25 /wk	600 mh		\$ 42,806.38	\$ -	\$ 480.00	\$ -	\$ -	/wk	\$ 43,286.38	
	COMMISSIONING											
	Commissioning Manager	13 /wk	520 mh	\$ 95.00 hr	\$ 49,400.00	\$ -	\$ -	\$ -	\$ -	\$ 3,800.00 /wk	\$ 49,400.00	
	Commissioning Lead	13 /wk	520 mh	\$ 75.00 hr	\$ 39,000.00	\$ -	\$ -	\$ -	\$ -	\$ 3,000.00 /wk	\$ 39,000.00	
	Commissioning Tech	13 /wk	520 mh	\$ 75.00 hr	\$ 39,000.00	\$ -	\$ -	\$ -	\$ -	\$ 3,000.00 /wk	\$ 39,000.00	
	Operator	/wk	mh	hr						/wk	\$ -	
	COMMISSIONING	13 /wk	1560 mh		\$ 127,400.00	\$ -	\$ -	\$ -	\$ -	/wk	\$ 127,400.00	
COMMISSIONING GCS	TRAVEL & SUBSISTENCE											
		Area Lead Airfare	2 /Trips						\$ 1,200.00	\$ 600.00 /Trips	\$ 1,200.00	
		Area Lead Car Rental	2 /Trips						\$ 1,680.00	\$ 840.00 /Trips	\$ 1,680.00	
		Area Lead Hotel	2 /Trips						\$ 3,200.00	\$ 1,600.00 /Trips	\$ 3,200.00	
		Area Lead Meals	2 /Trips						\$ 1,200.00	\$ 600.00 /Trips	\$ 1,200.00	
		Proj Mgr Airfare	4 /Trips						\$ 2,400.00	\$ 600.00 /Trips	\$ 2,400.00	
		Proj Mgr Car Rental	4 /Trips						\$ 3,360.00	\$ 840.00 /Trips	\$ 3,360.00	
		Proj Mgr Hotel	4 /Trips						\$ 6,400.00	\$ 1,600.00 /Trips	\$ 6,400.00	
		Proj Mgr Meals	4 /Trips						\$ 2,400.00	\$ 600.00 /Trips	\$ 2,400.00	
		Super Airfare	7 /Trips						\$ 4,200.00	\$ 600.00 /Trips	\$ 4,200.00	
		Super Car Rental	7 /Trips						\$ 5,880.00	\$ 840.00 /Trips	\$ 5,880.00	
		Super Hotel	7 /Trips						\$ 11,200.00	\$ 1,600.00 /Trips	\$ 11,200.00	
		go	7 /Trips						\$ 4,200.00	\$ 600.00 /Trips	\$ 4,200.00	
		CS Car Rental	2 /Trips						\$ 1,680.00	\$ 840.00 /Trips	\$ 1,680.00	
		CS Hotel	2 /Trips						\$ 3,200.00	\$ 1,600.00 /Trips	\$ 3,200.00	
		CS Meals	2 /Trips						\$ 1,200.00	\$ 600.00 /Trips	\$ 1,200.00	

Cost Item	Takeoff Quantity	Labor Manhours	Labor Rate	Labor Amount	Material Amount	Equip Amount	Sub Amount	Other Amount	Total Unit Cost	Total Amount
Commiss Airfare	7 /Trips							\$ 4,200.00	\$ 600.00 /Trips	\$ 4,200.00
Commiss Car Rental	7 /Trips							\$ 5,880.00	\$ 840.00 /Trips	\$ 5,880.00
Commiss Hotel	7 /Trips							\$ 11,200.00	\$ 1,600.00 /Trips	\$ 11,200.00
Commiss Meals	7 /Trips							\$ 4,200.00	\$ 600.00 /Trips	\$ 4,200.00
TRAVEL & SUBSISTENCE								\$ 78,880.00		\$ 78,880.00
TRAINING & ORIENTATION										
PreHire/Orientation	2 /Ea							\$ 5,000.00	\$ 2,500.00 /Ea	\$ 5,000.00
OSHA 10 Training	2 /Ea							\$ 1,000.00	\$ 500.00 /Ea	\$ 1,000.00
Specific Training	2 /Ea							\$ 1,000.00	\$ 500.00 /Ea	\$ 1,000.00
TRAINING & ORIENTATION								\$ 7,000.00		\$ 7,000.00
CDM FIELD OFFICES										
CDM Office Trailer	6 /Mon							\$ 7,200.00	\$ 1,200.00 /Mon	\$ 7,200.00
CDM Trailer Mob/Demob	2 /Ea							\$ 10,000.00	\$ 5,000.00 /Ea	\$ 10,000.00
CDM FIELD OFFICES								\$ 17,200.00		\$ 17,200.00
CDM FIELD OFFICE EQUIP/SUPPLY										
CDM Office Supplies	3 /Mon							\$ 1,050.00	\$ 350.00 /Mon	\$ 1,050.00
CDM Drinking Water	3 /Mon							\$ 900.00	\$ 300.00 /Mon	\$ 900.00
CDM FIELD OFFICE EQUIP/SUPPLY								\$ 1,950.00		\$ 1,950.00
TEMP FACILITIES										
Water Truck & Ice	3 /Mon							\$ 1,200.00	\$ 400.00 /Mon	\$ 1,200.00
Elec Usage	3 /Mon							\$ 1,200.00	\$ 400.00 /Mon	\$ 1,200.00
Site Vehicles	3 /Mon							\$ 1,050.00	\$ 350.00 /Mon	\$ 1,050.00
ATVs	3 /Mon							\$ 1,050.00	\$ 350.00 /Mon	\$ 1,050.00
Conex Boxes	3 /Mon							\$ 300.00	\$ 100.00 /Mon	\$ 300.00
Temp Constr Power	10 /Mon							\$ 10,000.00	\$ 1,000.00 /Mon	\$ 10,000.00
Final Clean-up	3 /LS							\$ 7,500.00	\$ 2,500.00 /LS	\$ 7,500.00
TEMP FACILITIES								\$ 22,300.00		\$ 22,300.00
CONSTR EQUIP & SMALL TOOLS										
Misc Small Tools	3935 /Mh							\$ -	\$ - /Mh	\$ -
CONSTR EQUIP & SMALL TOOLS						\$ -				\$ -
VDC EQUIP/DRONES										
VDC Equip Rental	3 /Mon							\$ -	\$ - /Mon	\$ -
VDC EQUIP/DRONES								\$ -		\$ -
SAFETY										
Safety Supplies	3935 /Mh							\$ -	\$ - /Mh	\$ -
SAFETY						\$ -		\$ -		\$ -
PROJECT CLOSEOUT										
As Built Drawings	1 /LS							\$ 2,350.00	\$ 2,350.00 /LS	\$ 2,350.00
O&M Docs	1 /LS							\$ 13,650.00	\$ 13,650.00 /LS	\$ 13,650.00
Warrantee	1000 /Hrs							\$ 75,000.00	\$ 75.00 /Hrs	\$ 75,000.00
PROJECT CLOSEOUT								\$ 91,000.00		\$ 91,000.00
CONTRACT REQUIREMENTS										
Textura Accounting	0 /LS							\$ -	/LS	\$ -

COMMISSIONING GCS

COMMISSIONING GCS

Cost Item	Takeoff Quantity	Labor Manhours	Labor Rate	Labor Amount	Material Amount	Equip Amount	Sub Amount	Other Amount	Total Unit Cost	Total Amount
Predictive Solutions	0 /LS							\$ -	/LS	\$ -
LCP Certified Payroll	0 /LS							\$ -	/LS	\$ -
CONTRACT REQUIREMENTS								\$ -		\$ -
Subtotal				\$ 503,302.33		\$ 23,339.75		\$ 218,330.00		\$ 744,972.08
Sales Tax	7.00%									\$ 9,761.50
Subtotal w/ Taxes										\$ 754,733.58
CCI G&A	7.60%									\$ 18,366.90
CCI FEE	4.90%									\$ 11,841.82
STARTUP & COMMISSIONING TOTAL										\$ 784,942.30
GENERAL CONDITIONS TOTAL ALL PHASES										\$ 9,254,744.10

Reimbursables		Projected Quantity	Unit Cost	Project Cost
Subtask 5.1 - Management				
	Bond Copies/Black line/Blueprints (24x36)	3000	\$0.50	\$1,500.00
	Bond Copies/Black line/Blueprints (11x17)	3000	\$0.50	\$1,500.00
	8.5x11 Print	10000	\$0.25	\$2,500.00
	8.5x11 Print (color)	1600	\$2.00	\$3,200.00
	Lodging (\$160/ night + tax = \$192/ night)	24	\$192.00	\$4,608.00
	Car Rental (\$50/night)	24	\$50.00	\$1,200.00
	Meals (\$36/day)	24	\$36.00	\$864.00
	Air Travel (\$400/each)	8	\$400.00	\$3,200.00
	Subtotal Task 5.1			\$18,572.00
Subtask 5.2 - Workshops & Meetings				
	Mileage	4000	\$0.56	\$2,240.00
	Lodging (\$160/ night + tax = \$192/ night)	48	\$192.00	\$9,216.00
	Car Rental (\$50/night)	48	\$50.00	\$2,400.00
	Meals (\$36/day)	48	\$36.00	\$1,728.00
	Air Travel (\$400/each)	16	\$400.00	\$6,400.00
	Subtotal Task 5.2			\$21,984.00
	Task 5 - Total			\$40,556.00
Subtask 6.1 - Permitting and Approvals				
	Subtotal Task 6.1			
Subtask 6.2 - Issued for Construction (IFC)				
	Bond Copies/Black line/Blueprints (11x17)	800	\$0.50	\$400.00
	Mileage	2000	\$0.56	\$1,120.00
	Lodging (\$160/ night + tax = \$192/ night)	14	\$192.00	\$2,688.00
	Car Rental (\$50/night)	14	\$50.00	\$700.00
	Meals (\$36/day)	14	\$36.00	\$504.00
	Air Travel	4	\$500.00	\$2,000.00
	Subtotal Task 6.2			\$7,412.00
	Task 6 - Total			\$7,412.00
Subtask 7.1 - Construction Engineering				
	8.5x11 Print	5000	\$0.25	\$1,250.00
	Bond Copies/Black line/Blueprints (24x36)	250	\$1.00	\$250.00
	Mileage	3000	\$0.56	\$1,680.00
	Subtotal Task 7.1			\$3,180.00
Subtask 7.2 - Review of Submittals and				
	Subtotal Task 7.2			\$0.00
Subtask 7.3 - Requests for Information				
	Subtotal Task 7.3			\$0.00
Subtask 7.4 - Design Changes and Change				
	Subtotal Task 7.4			\$0.00
Subtask 7.5 - Site Visits and Factory				
	Lodging (\$160/ night + tax = \$192/ night)	70	\$192.00	\$13,440.00
	Mileage	2360	\$0.56	\$1,321.60
	Air Travel	10	\$700.00	\$7,000.00
	Car Rental (\$50/night)	70	\$50.00	\$3,500.00
	Meals (\$36/day)	70	\$36.00	\$2,520.00
	Well water quality sample and analysis	2	\$4,000.00	\$8,000.00
	Well soil sample and analysis	2	\$4,000.00	\$8,000.00
	Subtotal Task 7.5			\$43,781.60

Reimbursables		Projected Quantity	Unit Cost	Project Cost
<i>Subtask 7.6 - Final Walk Through and</i>				
Subtotal Task 7.6				\$0.00
<i>Subtask 7.7 - Record Drawings</i>				
	Bond Copies/Black line/Blueprints (11x17)	2400	\$0.50	\$1,200.00
	Bond Copies/Black line/Blueprints (24x36)	1200	\$1.00	\$1,200.00
Subtotal Task 7.7				\$2,400.00
<i>Subtask 7.8 - Permitting and Project</i>				
Subtotal Task 7.8				\$0.00
Task 7 - Total				\$49,361.60
<i>Subtask 8.1 - Commissioning and On-Site</i>				
	Lodging (\$160/ night + tax = \$192/ night)	80	\$192.00	\$15,360.00
	Mileage	1500	\$0.56	\$840.00
	Air Travel	16	\$400.00	\$6,400.00
	Car Rental (\$50/night)	80	\$50.00	\$4,000.00
	Meals (\$36/day)	80	\$36.00	\$2,880.00
	8.5x11 Print	600	\$0.25	\$150.00
	8.5x11 Print (color)	200	\$2.00	\$400.00
	Bond Copies/Black line/Blueprints (11x17)	1200	\$0.50	\$600.00
	Bond Copies/Black line/Blueprints (24x36)	300	\$1.00	\$300.00
	CAD Drawing Files/Digital Transmission	1	\$50.00	\$50.00
Subtotal Task 8.1				\$30,980.00
<i>Subtask 8.2 - Project Training</i>				
	Lodging (\$160/ night + tax = \$192/ night)	12	\$192.00	\$2,304.00
	Mileage	1000	\$0.56	\$560.00
	Air Travel	6	\$400.00	\$2,400.00
	Car Rental (\$50/night)	12	\$50.00	\$600.00
	Meals (\$36/day)	12	\$36.00	\$432.00
	8.5x11 Print	598	\$0.25	\$149.50
	8.5x11 Print (color)	200	\$2.00	\$400.00
	Bond Copies/Black line/Blueprints (11x17)	1200	\$0.50	\$600.00
	Bond Copies/Black line/Blueprints (24x36)	300	\$1.00	\$300.00
	CAD Drawing Files/Digital Transmission	1	\$50.00	\$50.00
Subtotal Task 8.2				\$7,795.50
<i>Subtask 8.3 - Develop Standard Operating</i>				
Subtotal Task 8.3				
<i>Subtask 8.4 - Develop and Prepare O&M</i>				
Subtotal Task 8.4				\$0.00
Task 8 - Total				\$38,775.50
Subtotal Task 9.1				\$0.00
PHASE II TOTAL				\$136,105.10
General Conditions				\$9,254,744.10
Final Design (FD) & Engineering Services During Construction (ESDC)				\$136,105.10
GENERAL CONDITIONS and FD/ESDC ODCs TOTAL				\$9,390,849.20

Palm Beach County Water Utilities Department Green Cay Phase 2 PDB Project

Final Design & ESDCs

BUDGET SUMMARY

Palm Beach County Water Utilities Department
PROGRESSIVE DESIGN-BUILD AGREEMENT
Resolution No. R2021-1248 Contract Dated September 14, 2021
Amendment No.1
Design-Builder: CDM Constructors Inc.
Project Title: GREEN CAY PHASE 2 PROGRESSIVE DESIGN-BUILD
PBCWUD Project No. 20-036

DESIGN-BUILDER BUDGET SUMMARY

Task Number	Task Description	CDM Smith (hrs)	CDM Smith (\$)	Sub Consultants (\$)	Total Cost
TASK 5	DESIGN AND ESDC MANAGEMENT				
	<i>Subtask 5.1 - Management</i>	520	\$ 128,533.80	\$ 61,409.00	189,942.80
	<i>Subtask 5.2 - Workshops & Meetings</i>	1038	\$ 211,500.12	\$ 93,441.88	304,942.00
	Task 5 - Subtotal	1,558	\$ 340,033.92	\$ 154,850.88	494,884.80
TASK 6	PHASE 2 FINAL DESIGN SERVICES				
	<i>Subtask 6.1 - Permitting and Approvals</i>	292	\$ 58,484.76	\$ 36,036.20	94,520.96
	<i>Subtask 6.2 - Issued for Construction (IFC) Documents Package</i>	3,462	\$ 595,127.16	\$ 92,783.00	687,910.16
	Task 6 - Subtotal	3754	\$ 653,611.92	\$ 128,819.20	782,431.12
TASK 7	ENGINEERING SERVICES DURING CONSTRUCTION				
	<i>Subtask 7.1 - Construction Engineering Coordination</i>	950	\$ 188,959.50	\$ 25,571.62	214,531.12
	<i>Subtask 7.2 - Review of Submittals and Substitutions</i>	2,962	\$ 515,087.28	\$ 41,714.40	556,801.68
	<i>Subtask 7.3 - Requests for Information (RFI) and Clarifications</i>	1,090	\$ 190,529.10	\$ 35,440.40	225,969.50
	<i>Subtask 7.4 - Design Changes and Change Orders</i>	400	\$ 74,679.78	\$ 52,815.40	127,495.18
	<i>Subtask 7.5 - Site Visits and Factory Witness Test</i>	2,832	\$ 521,966.94	\$ 107,896.30	629,863.24
	<i>Subtask 7.6 - Final Walk Through and Punchlists</i>	196	\$ 37,692.24	\$ 37,988.00	75,680.24
	<i>Subtask 7.7 - Record Drawings</i>	306	\$ 48,506.16	\$ 15,103.00	63,609.16
	<i>Subtask 7.8 - Permitting and Project Closeout</i>	140	\$ 27,527.40	\$ 27,198.60	54,726.00
	Task 7 - Subtotal	8,876	\$ 1,604,948.40	\$ 343,727.72	1,948,676.12
TASK 8	START-UP, COMMISSIONING, OPERATIONS AND MAINTENANCE				
	<i>Subtask 8.1 - Commissioning and On-Site Startup Support</i>	1,600	\$ 335,048.40	\$ -	335,048.40
	<i>Subtask 8.2 - Project Training</i>	360	\$ 77,035.20	\$ -	77,035.20
	<i>Subtask 8.3 - Develop Standard Operating Procedures (SOP)</i>	460	\$ 87,801.66	\$ -	87,801.66
	Task 8 - Subtotal	2,420	\$ 499,885.26	\$ -	499,885.26
	PHASE II TOTAL	16,608	\$ 3,098,479.50	\$ 627,397.80	3,725,877.30

Task Number	Task Description	Senior Officer	Senior Officer	Senior Professional	Senior Professional	Senior Manager Virtual Design	Principal	Senior Technical Expert	Principal	Senior Professional	Principal	Principal
	Raw Rate >	\$ 99.38	\$ 85.21	\$ 62.98	\$ 66.18	\$ 54.41	\$ 78.47	\$ 87.11	\$ 69.48	\$ 48.13	\$ 69.72	\$ 76.93
	Bill Rate >	\$ 274.59	\$ 255.63	\$ 188.94	\$ 198.54	\$ 163.23	\$ 235.41	\$ 261.33	\$ 208.44	\$ 144.39	\$ 209.16	\$ 230.79
TASK 5	DESIGN AND ESDC MANAGEMENT											
	<i>Subtask 5.1 - Management</i>	120	300	100	0	0	0	0	0	0	0	0
	<i>Subtask 5.2 - Workshops & Meetings</i>	30	180	100	0	20	0	0	0	0	0	0
	Task 5 - Subtotal	150	480	200	0	20	0	0	0	0	0	0
TASK 6	PHASE 2 FINAL DESIGN SERVICES											
	<i>Subtask 6.1 - Permitting and Approvals</i>	60	20	40	0	0	0	0	0	0	0	0
	<i>Subtask 6.2 - Issued for Construction (IFC) Documents Package</i>	80	20	190	0	60	12	44	12	12	12	12
	Task 6 - Subtotal	140	40	230	0	60	12	44	12	12	12	12
TASK 7	ENGINEERING SERVICES DURING CONSTRUCTION											
	<i>Subtask 7.1 - Construction Engineering Coordination</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Subtask 7.2 - Review of Submittals and Substitutions</i>	0	0	100	0	0	0	0	0	0	0	0
	<i>Subtask 7.3 - Requests for Information (RFI) and Clarifications</i>	0	0	160	0	0	0	0	0	0	0	0
	<i>Subtask 7.4 - Design Changes and Change Orders</i>	0	0	74	0	0	0	0	0	0	0	0
	<i>Subtask 7.5 - Site Visits and Factory Witness Test</i>	0	120	140	0	0	0	0	0	0	0	0
	<i>Subtask 7.6 - Final Walk Through and Punchlists</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Subtask 7.7 - Record Drawings</i>	0	0	40	0	20	0	0	0	0	0	0
	<i>Subtask 7.8 - Permitting and Project Closeout</i>	0	0	0	0	0	0	0	0	0	0	0
	Task 7 - Subtotal	0	120	514	0	20	0	0	0	0	0	0
TASK 8	START-UP, COMMISSIONING, OPERATIONS AND MAINTENANCE											
	<i>Subtask 8.1 - Commissioning and On-Site Startup Support</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Subtask 8.2 - Project Training</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Subtask 8.3 - Develop Standard Operating Procedures (SOP)</i>	0	0	0	0	0	0	0	0	0	0	0
	Task 8 - Subtotal	0	0	0	0	0	0	0	0	0	0	0
	Labor Subtotal Hours	290	640	944	0	100	12	44	12	12	12	12
	Labor Raw Costs	\$ 28,820.52	\$ 54,535.50	\$ 59,451.84	\$ -	\$ 5,440.83	\$ 941.63	\$ 3,832.76	\$ 833.75	\$ 577.55	\$ 836.66	\$ 923.17
	Labor Subtotal (Bill Rate * Labor Subtotal Hours)	\$ 79,631.10	\$ 163,603.20	\$ 178,359.36	\$ -	\$ 16,323.00	\$ 2,824.92	\$ 11,498.52	\$ 2,501.28	\$ 1,732.68	\$ 2,509.92	\$ 2,769.48

Task Number	Task Description	Senior Professional	Principal	Associate	Senior Technical Expert	Senior Field Representative	Senior Field Representative	Lead Project Administration	Senior Professional	Principal	Staff Support Services
	Raw Rate >	\$ 65.22	\$ 56.40	\$ 79.21	\$ 65.30	\$ 39.71	\$ 38.60	\$ 41.47	\$ 54.05	\$ 45.11	\$ 33.13
	Bill Rate >	\$ 195.66	\$ 225.51	\$ 237.63	\$ 195.90	\$ 158.79	\$ 154.35	\$ 124.41	\$ 216.12	\$ 180.39	\$ 132.48
TASK 5	DESIGN AND ESDC MANAGEMENT										
	<i>Subtask 5.1 - Management</i>	0	0	0	0	0	0	0	0	0	0
	<i>Subtask 5.2 - Workshops & Meetings</i>	0	250	0	8	0	0	150	0	0	0
	Task 5 - Subtotal	0	250	0	8	0	0	150	0	0	0
TASK 6	PHASE 2 FINAL DESIGN SERVICES										
	<i>Subtask 6.1 - Permitting and Approvals</i>	0	40	0	0	0	0	0	0	0	0
	<i>Subtask 6.2 - Issued for Construction (IFC) Documents Package</i>	12	4	14	50	0	0	0	0	0	0
	Task 6 - Subtotal	12	44	14	50	0	0	0	0	0	0
TASK 7	ENGINEERING SERVICES DURING CONSTRUCTION										
	<i>Subtask 7.1 - Construction Engineering Coordination</i>	0	700	0	0	0	0	250	0	0	0
	<i>Subtask 7.2 - Review of Submittals and Substitutions</i>	0	220	60	0	0	0	300	200	80	0
	<i>Subtask 7.3 - Requests for Information (RFI) and Clarifications</i>	0	80	20	0	0	0	120	0	0	0
	<i>Subtask 7.4 - Design Changes and Change Orders</i>	0	80	0	0	0	0	20	0	0	0
	<i>Subtask 7.5 - Site Visits and Factory Witness Test</i>	0	300	30	700	500	360	100	0	0	0
	<i>Subtask 7.6 - Final Walk Through and Punchlists</i>	0	100	0	0	0	0	40	0	0	0
	<i>Subtask 7.7 - Record Drawings</i>	0	20	4	0	0	0	8	0	0	0
	<i>Subtask 7.8 - Permitting and Project Closeout</i>	0	100	0	0	0	0	40	0	0	0
	Task 7 - Subtotal	0	1600	114	700	500	360	878	200	80	0
TASK 8	START-UP, COMMISSIONING, OPERATIONS AND MAINTENANCE										
	<i>Subtask 8.1 - Commissioning and On-Site Startup Support</i>	0	400	0	0	0	0	0	280	400	0
	<i>Subtask 8.2 - Project Training</i>	0	40	0	0	0	0	0	200	40	0
	<i>Subtask 8.3 - Develop Standard Operating Procedures (SOP)</i>	0	10	0	0	0	0	0	120	184	55
	Task 8 - Subtotal	0	450	0	0	0	0	0	600	624	55
	Labor Subtotal Hours	12	2344	128	758	500	360	1028	800	704	55
	Labor Raw Costs	\$ 782.63	\$ 132,198.89	\$ 10,139.01	\$ 49,496.33	\$ 19,855.23	\$ 13,897.07	\$ 42,630.56	\$ 43,239.96	\$ 31,760.26	\$ 1,822.19
	Labor Subtotal (Bill Rate * Labor Subtotal Hours)	\$ 2,347.92	\$ 528,595.44	\$ 30,416.64	\$ 148,492.20	\$ 79,395.00	\$ 55,566.00	\$ 127,893.48	\$ 172,896.00	\$ 126,994.56	\$ 7,286.40

Task Number	Task Description	Professional II	Professional I	Principal	Staff Support Services	Principal	Professional I	Senior Technical Expert	Professional I	Staff Engineer	Senior Professional
	Raw Rate >	\$ 53.97	\$ 38.55	\$ 68.40	\$ 45.27	\$ 71.21	\$ 34.06	\$ 82.50	\$ 44.40	\$ 33.30	\$ 61.70
	Bill Rate >	\$ 161.91	\$ 115.65	\$ 205.20	\$ 135.81	\$ 213.63	\$ 102.18	\$ 247.50	\$ 133.20	\$ 99.90	\$ 185.10
TASK 5	DESIGN AND ESDC MANAGEMENT										
	<i>Subtask 5.1 - Management</i>	0	0	0	0	0	0	0	0	0	0
	<i>Subtask 5.2 - Workshops & Meetings</i>	30	20	16	0	28	8	10	10	0	10
	Task 5 - Subtotal	30	20	16	0	28	8	10	10	0	10
TASK 6	PHASE 2 FINAL DESIGN SERVICES										
	<i>Subtask 6.1 - Permitting and Approvals</i>	80	20	0	0	16	16	0	0	0	0
	<i>Subtask 6.2 - Issued for Construction (IFC) Documents Package</i>	116	24	82	76	268	414	57	93	84	64
	Task 6 - Subtotal	196	44	82	76	284	430	57	93	84	64
TASK 7	ENGINEERING SERVICES DURING CONSTRUCTION										
	<i>Subtask 7.1 - Construction Engineering Coordination</i>	0	0	0	0	0	0	0	0	0	0
	<i>Subtask 7.2 - Review of Submittals and Substitutions</i>	180	200	50	50	92	160	40	40	40	8
	<i>Subtask 7.3 - Requests for Information (RFI) and Clarifications</i>	80	60	4	6	40	40	20	20	20	4
	<i>Subtask 7.4 - Design Changes and Change Orders</i>	8	8	4	16	24	16	12	12	0	0
	<i>Subtask 7.5 - Site Visits and Factory Witness Test</i>	20	80	40	0	30	30	32	32	0	14
	<i>Subtask 7.6 - Final Walk Through and Punchlists</i>	0	0	0	0	10	10	0	0	0	0
	<i>Subtask 7.7 - Record Drawings</i>	8	40	4	8	4	24	4	4	8	4
	<i>Subtask 7.8 - Permitting and Project Closeout</i>	0	0	0	0	0	0	0	0	0	0
	Task 7 - Subtotal	296	388	102	80	200	280	108	108	68	30
TASK 8	START-UP, COMMISSIONING, OPERATIONS AND MAINTENANCE										
	<i>Subtask 8.1 - Commissioning and On-Site Startup Support</i>	0	0	200	0	0	0	0	0	0	0
	<i>Subtask 8.2 - Project Training</i>	0	0	20	0	0	0	0	0	0	0
	<i>Subtask 8.3 - Develop Standard Operating Procedures (SOP)</i>	0	0	15	0	0	0	0	0	0	0
	Task 8 - Subtotal	0	0	235	0	0	0	0	0	0	0
	Labor Subtotal Hours	522	452	435	156	512	718	175	211	152	104
	Labor Raw Costs	\$ 28,172.51	\$ 17,424.00	\$ 29,754.13	\$ 7,062.06	\$ 36,458.92	\$ 24,455.66	\$ 14,437.66	\$ 9,368.61	\$ 5,061.72	\$ 6,416.91
	Labor Subtotal (Bill Rate * Labor Subtotal Hours)	\$ 84,517.02	\$ 52,273.80	\$ 89,262.00	\$ 21,186.36	\$ 109,378.56	\$ 73,365.24	\$ 43,312.50	\$ 28,105.20	\$ 15,184.80	\$ 19,250.40

Task Number	Task Description	Senior Technical Expert	Principal	Staff Support Services	Principal	Senior Officer	Professional I	Staff Engineer	Senior Professional	Senior Professional	Professional I	Senior Professional
	Raw Rate >	\$ 82.76	\$ 75.00	\$ 27.07	\$ 67.70	\$ 89.02	\$ 44.72	\$ 36.00	\$ 67.31	\$ 54.77	\$ 39.98	\$ 62.98
	Bill Rate >	\$ 272.01	\$ 225.00	\$ 81.21	\$ 203.10	\$ 267.06	\$ 134.16	\$ 108.00	\$ 201.93	\$ 164.31	\$ 119.94	\$ 188.94
TASK 5	DESIGN AND ESDC MANAGEMENT											
	<i>Subtask 5.1 - Management</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Subtask 5.2 - Workshops & Meetings</i>	10	24	0	0	12	0	0	8	0	0	60
	Task 5 - Subtotal	10	24	0	0	12	0	0	8	0	0	60
TASK 6	PHASE 2 FINAL DESIGN SERVICES											
	<i>Subtask 6.1 - Permitting and Approvals</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Subtask 6.2 - Issued for Construction (IFC) Documents Package</i>	44	240	55	80	24	140	71	135	50	273	116
	Task 6 - Subtotal	44	240	55	80	24	140	71	135	50	273	116
TASK 7	ENGINEERING SERVICES DURING CONSTRUCTION											
	<i>Subtask 7.1 - Construction Engineering Coordination</i>	0	0	0	0	0	0	0	0	0	0	0
	<i>Subtask 7.2 - Review of Submittals and Substitutions</i>	4	120	0	0	8	120	0	90	0	100	180
	<i>Subtask 7.3 - Requests for Information (RFI) and Clarifications</i>	2	48	0	0	4	56	0	30	0	40	80
	<i>Subtask 7.4 - Design Changes and Change Orders</i>	2	12	0	0	4	12	0	12	0	12	24
	<i>Subtask 7.5 - Site Visits and Factory Witness Test</i>	0	40	0	0	0	0	0	30	0	30	100
	<i>Subtask 7.6 - Final Walk Through and Punchlists</i>	4	12	0	0	0	0	0	10	0	10	0
	<i>Subtask 7.7 - Record Drawings</i>	0	4	8	8	0	0	0	4	0	14	0
	<i>Subtask 7.8 - Permitting and Project Closeout</i>	0	0	0	0	0	0	0	0	0	0	0
	Task 7 - Subtotal	12	236	8	8	16	188	0	176	0	206	384
TASK 8	START-UP, COMMISSIONING, OPERATIONS AND MAINTENANCE											
	<i>Subtask 8.1 - Commissioning and On-Site Startup Support</i>	0	100	0	0	0	0	0	0	0	0	120
	<i>Subtask 8.2 - Project Training</i>	0	20	0	0	0	0	0	0	0	0	20
	<i>Subtask 8.3 - Develop Standard Operating Procedures (SOP)</i>	0	20	0	0	0	8	0	0	0	0	28
	Task 8 - Subtotal	0	140	0	0	0	8	0	0	0	0	168
	Labor Subtotal Hours	66	640	63	88	52	336	71	319	50	479	728
	Labor Raw Costs	\$ 5,462.02	\$ 48,001.16	\$ 1,705.31	\$ 5,957.76	\$ 4,629.00	\$ 15,025.75	\$ 2,556.05	\$ 21,472.18	\$ 2,738.51	\$ 19,149.60	\$ 45,848.45
	Labor Subtotal (Bill Rate * Labor Subtotal Hours)	\$ 17,952.66	\$ 144,000.00	\$ 5,116.23	\$ 17,872.80	\$ 13,887.12	\$ 45,077.76	\$ 7,668.00	\$ 64,415.67	\$ 8,215.50	\$ 57,451.26	\$ 137,548.32

Task Number	Task Description	Senior Professional	Professional I	Senior Technical Expert	Principal	Senior Professional	Senior Professional	Professional II	Staff Support Services	Total Labor (hrs)	
	Raw Rate >	\$ 54.74	\$ 37.51	\$ 86.54	\$ 72.16	\$ 63.15	\$ 64.63	\$ 54.37	\$ 37.74		
	Bill Rate >	\$ 164.22	\$ 112.53	\$ 259.62	\$ 216.48	\$ 189.45	\$ 193.89	\$ 163.11	\$ 113.22		
TASK 5	DESIGN AND ESDC MANAGEMENT										
	<i>Subtask 5.1 - Management</i>	0	0	0	0	0	0	0	0	520	\$ 128,533.80
	<i>Subtask 5.2 - Workshops & Meetings</i>	0	10	20	16	8	0	0	0	1038	\$ 211,500.12
	Task 5 - Subtotal	0	10	20	16	8	0	0	0	1558	\$ 340,033.92
TASK 6	PHASE 2 FINAL DESIGN SERVICES										
	<i>Subtask 6.1 - Permitting and Approvals</i>	0	0	0	0	0	0	0	0	292	\$ 58,484.76
	<i>Subtask 6.2 - Issued for Construction (IFC) Documents Package</i>	100	60	80	60	8	14	100	72	3462	\$ 595,127.16
	Task 6 - Subtotal	100	60	80	60	8	14	100	72	3754	\$ 653,611.92
TASK 7	ENGINEERING SERVICES DURING CONSTRUCTION										
	<i>Subtask 7.1 - Construction Engineering Coordination</i>	0	0	0	0	0	0	0	80	950	\$ 188,959.50
	<i>Subtask 7.2 - Review of Submittals and Substitutions</i>	0	140	140	120	120	0	0	0	2962	\$ 515,087.28
	<i>Subtask 7.3 - Requests for Information (RFI) and Clarifications</i>	0	32	60	32	32	0	0	0	1090	\$ 190,529.10
	<i>Subtask 7.4 - Design Changes and Change Orders</i>	16	8	16	4	4	0	0	0	400	\$ 74,679.78
	<i>Subtask 7.5 - Site Visits and Factory Witness Test</i>	0	0	32	40	32	0	0	0	2832	\$ 521,966.94
	<i>Subtask 7.6 - Final Walk Through and Punchlists</i>	0	0	0	0	0	0	0	0	196	\$ 37,692.24
	<i>Subtask 7.7 - Record Drawings</i>	60	0	0	0	8	0	0	0	306	\$ 48,506.16
	<i>Subtask 7.8 - Permitting and Project Closeout</i>	0	0	0	0	0	0	0	0	140	\$ 27,527.40
	Task 7 - Subtotal	76	180	248	196	196	0	0	80	8876	\$ 1,604,948.40
TASK 8	START-UP, COMMISSIONING, OPERATIONS AND MAINTENANCE										
	<i>Subtask 8.1 - Commissioning and On-Site Startup Support</i>	0	0	100	0	0	0	0	0	1600	\$ 335,048.40
	<i>Subtask 8.2 - Project Training</i>	0	0	20	0	0	0	0	0	360	\$ 77,035.20
	<i>Subtask 8.3 - Develop Standard Operating Procedures (SOP)</i>	0	0	20	0	0	0	0	20	460	\$ 87,801.66
	Task 8 - Subtotal	0	0	140	0	0	0	0	20	2420	\$ 499,885.26
	Labor Subtotal Hours	176	250	488	272	212	14	100	172	16608	
	Labor Raw Costs	\$ 9,634.46	\$ 9,377.49	\$ 42,231.52	\$ 19,627.71	\$ 13,387.54	\$ 904.81	\$ 5,436.84	\$ 6,491.55		\$ 953,774.63
	Labor Subtotal (Bill Rate * Labor Subtotal Hours)	\$ 28,902.72	\$ 28,132.50	\$ 126,694.56	\$ 58,882.56	\$ 40,163.40	\$ 2,714.46	\$ 16,311.00	\$ 19,473.84		\$ 3,098,479.50

BUDGET SUMMARY					
Task Number	Task Description	Subconsultants			Total Cost
		ENGINEERED DESIGN SERVICES LLC	GENTILE GLAS HOLLOWAY O'MAHONEY & ASSOCIATES, INC., LANDSCAPE ARCHITECTS, PLANNERS, ENVIRONMENTAL CONSULTANTS	KESHAVARZ & ASSOCIATES, INC.	
		Electrical, Structural, and Plumbing Park	Landscape Park	Civil Park	
TASK 5	DESIGN AND ESDC MANAGEMENT				\$ -
	<i>Subtask 5.1 - Management</i>	\$ 13,464.00	\$ 15,905.00	\$ 32,040.00	\$ 61,409.00
	<i>Subtask 5.2 - Workshops & Meetings</i>	\$ 14,144.00	\$ 15,597.88	\$ 63,700.00	\$ 93,441.88
	Task 5 - Subtotal	\$ 27,608.00	\$ 31,502.88	\$ 95,740.00	\$ 154,850.88
TASK 6	PHASE 2 FINAL DESIGN SERVICES				
	<i>Subtask 6.1 - Permitting and Approvals</i>	\$ 3,971.20	\$ 25,685.00	\$ 6,380.00	\$ 36,036.20
	<i>Subtask 6.2 - Issued for Construction (IFC) Documents Package</i>	\$ 25,568.00	\$ 5,815.00	\$ 61,400.00	\$ 92,783.00
	Task 6 - Subtotal	\$ 29,539.20	\$ 31,500.00	\$ 67,780.00	\$ 128,819.20
TASK 7	ENGINEERING SERVICES DURING CONSTRUCTION				
	<i>Subtask 7.1 - Construction Engineering Coordination</i>	\$ 3,019.20	\$ 22,552.42	\$ -	\$ 25,571.62
	<i>Subtask 7.2 - Review of Submittals and Substitutions</i>	\$ 8,894.40	\$ 8,120.00	\$ 24,700.00	\$ 41,714.40
	<i>Subtask 7.3 - Requests for Information (RFI) and Clarifications</i>	\$ 11,070.40	\$ 11,130.00	\$ 13,240.00	\$ 35,440.40
	<i>Subtask 7.4 - Design Changes and Change Orders</i>	\$ 11,070.40	\$ 8,505.00	\$ 33,240.00	\$ 52,815.40
	<i>Subtask 7.5 - Site Visits and Factory Witness Test</i>	\$ 6,908.80	\$ 62,477.50	\$ 38,510.00	\$ 107,896.30
	<i>Subtask 7.6 - Final Walk Through and Punchlists</i>	\$ 4,828.00	\$ 33,160.00	\$ -	\$ 37,988.00
	<i>Subtask 7.7 - Record Drawings</i>	\$ 4,828.00	\$ 10,275.00	\$ -	\$ 15,103.00
	<i>Subtask 7.8 - Permitting and Project Closeout</i>	\$ 4,433.60	\$ 4,945.00	\$ 17,820.00	\$ 27,198.60
	Task 7 - Subtotal	\$ 55,052.80	\$ 161,164.92	\$ 127,510.00	\$ 343,727.72
TASK 8	START-UP, COMMISSIONING, OPERATIONS AND MAINTENANCE				
	<i>Subtask 8.1 - Commissioning and On-Site Startup Support</i>				\$ -
	<i>Subtask 8.2 - Project Training</i>				\$ -
	<i>Subtask 8.3 - Develop Standard Operating Procedures (SOP)</i>				\$ -
	Task 8 - Subtotal	\$ -	\$ -	\$ -	\$ -
	PHASE II TOTAL	\$ 112,200.00	\$ 224,167.80	\$ 291,030.00	\$ 627,397.80

Budget Summary

Palm Beach County Water Utilities Department

PROGRESSIVE DESIGN-BUILD AGREEMENT

Resolution No. R2021-1248 Contract Dated September 14, 2021

Amendment No.1

Consultant: Engineered Design Services LLC

Project Title: GREEN CAY PHASE 2 PROGRESSIVE DESIGN-BUILD

PBCWUD Project No.: 20-036

Labor Classification and Hourly Rate

Task No.	Task Description	Principal Engineer	Sr. Project Manager	Project Engineer	Engineer I	Lead Designer	Technician / Drafter	Total Labor	Mileage (\$0.58/mi)	ODC	Task Total
TASK 5	DESIGN AND ESDC MANAGEMENT										
	Subtask 5.1 - Management	66							\$ -	\$ -	\$ 13,464.00
	Subtask 5.2 - Workshops & Meetings	56			25				\$ -	\$ -	\$ 14,144.00
	Task 5 - Subtotal	122			25				\$ -	\$ -	\$ 27,608.00
TASK 6	PHASE 2 FINAL DESIGN SERVICES										
	Subtask 6.1 - Permitting and Approvals	12			14				\$ -	\$ -	\$ 3,971.20
	Subtask 6.2 - Issued for Construction (IFC) Documents Package	56			130				\$ -	\$ -	\$ 25,568.00
	Task 6 - Subtotal	68			144				\$ -	\$ -	\$ 29,539.20
TASK 7	ENGINEERING SERVICES DURING CONSTRUCTION										
	Subtask 7.1 - Construction Engineering Coordination	10			9				\$ -	\$ -	\$ 3,019.20
	Subtask 7.2 - Review of Submittals and Substitutions	26			33				\$ -	\$ -	\$ 8,894.40
	Subtask 7.3 - Requests for Information (RFI) and Clarifications	34			38				\$ -	\$ -	\$ 11,070.40
	Subtask 7.4 - Design Changes and Change Orders	34			38				\$ -	\$ -	\$ 11,070.40
	Subtask 7.5 - Site Visits and Factory Witness Test	22			22.25				\$ -	\$ -	\$ 6,908.80
	Subtask 7.6 - Final Walk Through and Punchlists	13			20				\$ -	\$ -	\$ 4,828.00
	Subtask 7.7 - Record Drawings	13			20				\$ -	\$ -	\$ 4,828.00
	Subtask 7.8 - Permitting and Project Closeout	10			22				\$ -	\$ -	\$ 4,433.60
	Task 7 - Subtotal	162			202.25				\$ -	\$ -	\$ 55,052.80
TASK 8	START-UP, COMMISSIONING, OPERATIONS AND MAINTENANCE										
	Subtask 8.1 - Commissioning and On-Site Startup Support										
	Subtask 8.2 - Project Training										
	Subtask 8.3 - Develop Standard Operating Procedures (SOP)										
	Subtask 8.4 - Develop and Prepare O&M Manual and Figures										
	Task 8 - Subtotal										
TASK 9	STAKEHOLDER AND PUBLIC OUTREACH PLANNING AND SUPPORT										
	Support										
	Task 9 - Subtotal										
	Labor Subtotal Hours	352	0	0	371.25	0	0				
	Labor Hourly Billing Rates	\$ 204.00	\$ 195.84	\$ 130.56	\$ 108.80	\$ 92.48	\$ 65.28				
	Labor Raw Costs	\$ 75.00	\$ 72.00	\$ 48.00	\$ 40.00	\$ 34.00	\$ 24.00				
	Labor Multiplier	2.72	2.72	2.72	2.72	2.72	2.72				
	Labor Subtotal	\$ 71,808.00	\$ -	\$ -	\$ 40,392.00	\$ -	\$ -				
	Labor Total										112,200.00
	Mileage/ODC										\$0.00
	Project Total										\$112,200.00

Palm Beach County Water Utilities Department
PROGRESSIVE DESIGN-BUILD AGREEMENT
Resolution No. R2021-1248 Contract Dated September
Amendment No. 1
Consultant: Gentile Glas Holloway O'Mahoney & Assoc. (2GHO)
Project Title: GREEN CAY PHASE 2 PROGRESSIVE DESIGN-BL
PBCWUD Project No.: 20-036

FEE PROPOSAL BUDGET SUMMARY

Task	Contract hr	Clerical \$30/hr	Other Fee	CONSULTANT Total	Sub Consultant Total
Number	Task Description	0.00	\$ 30.00	Services	Services
DESIGN & ESDC MANAGEMNT					
TASK 5	MANAGEMENT				
5.1	MANAGEMENT - MONTHLY PREPARATION OF FORMS ADMIN MONTHS				\$ 2,780.00
5.2	MANAGEMENT MEETINGS - 1 PER WEEK - 13 WEEKS @0.5 H				\$ 2,355.00
	REIMBURSABLE TRAVEL MILEAGE - 4 TEAM KA		\$ 76.44		\$ 76.44
		0		\$ 5,211.44	\$ 5,211.44
PHASE 2 FINAL DESIGN SERVICES					
TASK 6	100% Design Submittal Jan. 2024 to April 2024				
6.1	PERMITTING & APPROVALS - FINALIZATION OF PLANS & SPE QAIQC				\$ 6,450.00
6.2	ISSUED FOR CONSTRUCTION (IFC) DOCUMENTS PACKAGE				\$ 1,135.00
					\$ -
		0	0	\$ 7,585.00	\$ 7,585.00
ENGINEERING SERVICES DURING CONSTRUCTION					
TASK 7	CONSTRUCTION ADMINISTRATION Jan. 2024- April 2026				
7.1	CONSTRUCTION COORDINATION: TEAM VIRTUAL MEETINGS /MONTH - 3 MONTHS, 2/MONTH - 21 MONTHS - 1 HR/MEETING				\$ 9,450.00
	REIMBURSABLE TRAVEL MILEAGE - 11 TRIPS, 82 MILES, \$5.1		\$ 467.17		\$ 467.17
7.2	REVIEW OF SUBMITTALS & SUBSTITUTIONS				\$ 870.00
7.3	REQUESTS FOR INFORMATION (RFI) AND CLARIFICATIONS				\$ 3,290.00
7.4	DESIGN CHANGES AND CHANGE ORDERS				\$ 4,025.00
7.5	SITE VISITS				\$ 11,322.50
	KICK OFF MEETING LC SITE				
	KICK OFF MEETING GC/LC TREE RELOCATION				
	SITE VISITS - TREE RELOCATIONS (5@7x2 HRS. EA.)				
	SITE VISITS - PLANTING PLANS - 1 CONSTRUCTION PHAS				
7.6	FINAL WALKTHROUGH & PUNCHLISTS: SUBSTANTIAL & FINA LANDSCAPE				\$ 2,750.00
7.7	RECORD DRAWINGS				\$ 1,335.00
7.8	PERMITTING & PROJECT CLOSEOUT - FINAL CERTIFICATION				\$ 1,065.00
		<i>Sub</i>	0	\$ 467.17	\$ 34,574.67
	Subtotal Services	0	\$467.17	\$ 47,371.11	\$ 47,371.11

Palm Beach County Water Utilities Department
PROGRESSIVE DESIGN-BUILD AGREEMENT
 Resolution No. R2021-1248 Contract Dated September 14, ;
 Amendment No. 1
 Consultant: Gentile Glas Holloway O'Mahoney & Assoc. (2GHO, Inc
 Project Title: GREEN CAY PHASE 2 PROGRESSIVE DESIGN-BUILD
 PBCWUD Project No.: 20-036

FEE PROPOSAL BUDGET SUMMARY

Task		Clerical \$30/hr	Other Fee	CONSULTANT Total	Sub Consultant Total
Number	Task Description	30.00		Services	Services
DESIGN & ESDC MANAGEMNT					
TASK 5	MANAGEMENT				
5.1	MANAGEMENT: MONTHLY PREPARATION OF FORMS ADMINISTR MONTHS				\$ 9,625.00
	BIM SOFTWARE SOFTWARE - 3 SEATS		\$ 3,500.00		\$ 3,500.00
5.2	WORKSHOPS & MEETINGS: MEETINGS - 1 PER WEEK - 13.25 WEEKS				\$ 13,090.00
	REIMBURSABLE TRAVEL MILEAGE - 4 TEAM KA		\$ 76.44		\$ 76.44
		Sub	0	\$ 3,576.44	\$ 26,291.44
PHASE 2 FINAL DESIGN SERVICES					
TASK 6	100% Design Submittal Jan. 2024 to April 2024				
6.1	PERMITTING & APPROVALS - FINALIZATION OF PLANS & SPECIFICATIONS QA/QC				\$ 19,235.00
6.2	ISSUED FOR CONSTRUCTION (IFC) DOCUMENTS PACKAGE				\$ 4,680.00
		Sub	0	0	\$ 23,915.00
ENGINEERING SERVICES DURING CONSTRUCTION					
TASK 7	CONSTRUCTION ADMINISTRATION Jan. 2024- April 2026				
7.1	CONSTRUCTION COORDINATION: TEAM VIRTUAL MEETINGS (ONLINE) 1/HOUR/MEETING EA. MONTH - 3 MONTHS, 2/HOUR/MEETING EA. MONTH - 21 MONTHS - 1 HR/MEETING EA. MONTH				\$ 9,450.00
	REIMBURSABLE TRAVEL MILEAGE - 75 SITE VISITS		\$ 3,185.25		\$ 3,185.25
7.2	REVIEW OF SUBMITTALS & SUBSTITUTIONS				\$ 7,250.00
7.3	REQUESTS FOR INFORMATION (RFI) AND CLARIFICATIONS				\$ 7,840.00
7.4	DESIGN CHANGES & CHANGE ORDERS				\$ 4,480.00
7.5	SITE VISITS				\$ 51,155.00
7.5	KICK OFF MEETING GC GRADING & ROCKS				
7.5	SITE VISITS - LITTORAL SHELVES - 4 VISITS@5 HRS.				
7.5	SITE VISITS - BOULDER PLACEMENT - 4 VISITS@6 HRS.				
7.5	SITE VISITS - ROCKS-BOULDERS - SPRING - 4 VISITS@6 HRS.				
7.5	KICK OFF MEETING LC SITE				
7.5	SITE VISITS - PLANTING PLANS - 10 DIFFERENT SECTIONS - 4 VISITS@6 HRS.				
7.6	FINAL WALKTHROUGH & PUNCHLISTS: LANDSCAPE PER 10 DIFFERENT AREAS - 2 VISITS PER AREA = 20 VISITS@6HRS. EA. + 2 HOURS COORDINATION PER VISIT				\$ 30,410.00
7.7	RECORD DRAWINGS				\$ 8,940.00
7.8	PERMITTING & PROJECT CLOSEOUT: FINAL CERTIFICATION AT TIME OF COMPLETION INCL. CHECK OF PREVIOUSLY COMPLETED AREAS + VISIT@8 HOURS+ REPORT				\$ 3,880.00
		Subtotal	0	\$ 3,185.25	\$ 126,590.25
	Subtotal Services	0	\$ 6,761.69	\$ 176,796.69	\$ 176,796.69

Palm Beach County Water Utilities Depa
 PROGRESSIVE DESIGN-BUILD AGREEMENT
 Resolution No. R2021-1248 Contract
 Amendment No.1
 Consultant: Keshavarz & Associates, Inc.
 Project Title: GREEN CAY PHASE 2 PROJECT
 PBCWUD Project No.: 20-036

BUDGET SUMMARY

Task Number	Task Description	Contract Unit	Clerical \$/hr	CONSULTANT Total	Sub Consultant Total
		120.00	\$ 63.00	Services	Services
5	Design and ESDC Management				
5.1	Management - Project Coordination and Construction and Engineering Services During Construction		0	\$ 28,040.00	
5.2	Workshops & Meetings - up to 4 bi-weekly meetings during final design, Pre-Construction construction coordination meetings, 1 Technical		0	\$ 63,700.00	
			0	\$ 91,740.00	
6	Phase 2 Final Design Services				
6.1	Permitting Approvals			\$ 6,380.00	
6.2	Issued for Construction (IFC) Documents Package			\$ 61,400.00	
			0	\$ 67,780.00	
7	Engineering Services During Construction				
7.1	Construction Engineering Coordination			\$ -	
7.2	Review of Submittal and Substitutions			\$ 24,700.00	
7.3	Requests for Information (RFI) and Clarifications			\$ 13,240.00	
7.4	Design Changes and Change Orders			\$ 33,240.00	
7.5	Site Visits and Factory Witness Testing			\$ 38,510.00	
7.6	Final Walk Through and Punchlists			\$ -	
7.7	Record Drawing			\$ -	
7.8	Permit and Project Closeout			\$ 17,820.00	
			0	\$ 127,510.00	
8	Start-up, Commissioning, Operations and Maintenance				
8.1	Commissioning and On-Site Startup Support			\$ -	
8.2	Project Training				
8.3	Develop Standard Operating Procedures (SOP)				
8.4	Develop and Prepare O&M Manual and Figures				
			0	\$ -	
9	Stakeholder and Public Outreach Planning and Support				
9.1	Stakeholder Public Outreach and Support			\$ -	
			0	\$ -	
	Labor Subtotal Hours	3	0	\$ 287,030.00	
	Labor Raw Costs	40.00	\$ 21.00		
	Labor Multiplier	3.00	3.00		
	Labor Sub Total	120.00	\$ 63.00		
	Labor Total				
Reimbursable, Mileage, Copies, Printing and Needed Direct Expenses Per Rates &					
<i>and exempt from the public records law. Moreover, we respectfully request</i>					
Project Total					

Palm Beach County Water Utilities Department Green Cay Phase 2 PDB Project

Cooper Construction Management

Palm Beach County Water Utilities Department
Green Cay Phase 2

WATER PURIFICATION FACILITY
PROJECT NO. WUD 20-036
Date: September 19, 2023



GUARANTEED MAXIMUM PRICE

**CDM 75th
Smith**



Presented By:

Cooper Construction Management and Consulting, Inc.
354 Hiatt Drive, Suite 140
Palm Beach Gardens, FL 33418
561-841-6150



CGC1518961

BUDGET SUMMARY

Palm Beach County Water Utilities Department
PROGRESSIVE DESIGN-BUILD AGREEMENT
 Resolution No. R2021-1248 Contract Dated September 14, 2021
 Amendment No. 1
 Consultant: Gentile Glas Holloway O'Mahoney & Assoc. (2GHO, Inc.)
 Project Title: GREEN CAY PHASE 2 PROGRESSIVE DESIGN-BUILD
 PBCWUD Project No.: 20-036

WUD PURIFICATION FACILITY SITE

FEE PROPOSAL BUDGET SUMMARY

Labor Classification and Hourly Rate

Task		Project Director / Principal \$235/hr	Senior Project Manager Principal \$195/hr	Project Landscape Architect \$145/hr	Senior Planner \$120/hr	Planner \$85/hr	Senior Landscape Designer \$110/hr	Landscape Designer \$90/hr	Arborist \$110/hr	Project / Contract Admin \$50/hr \$/hr	Clerical \$30/hr	Other Fee	CONSULTANT Total	Sub Consultant Total
Number	Task Description	\$ 235.00	\$ 195.00	\$ 145.00	\$ 120.00	\$ 85.00	\$ 110.00	\$ 90.00	\$ 110.00	\$ 50.00	\$ 30.00		Services	Services
	DESIGN & ESDC MANAGEMNT													
TASK 5	MANAGEMENT													
5.1	MANAGEMENT - MONTHLY PREPARATION OF FORMS ADMINISTRATIVE - 25 MONTHS	8								18				\$ 2,780.00
5.2	MANAGEMENT MEETINGS - 1 PER WEEK - 13 WEEKS @0.5 HRS.		6.5	7.5										\$ 2,355.00
	REIMBURSABLE TRAVEL MILEAGE - 4 TEAM KA											\$ 76.44		\$ 76.44
	Subtotal Task 311	8	6.5	7.5	0	0	0	0	0	18	0		\$ 5,211.44	\$ 5,211.44
	PHASE 2 FINAL DESIGN SERVICES													
TASK 6	100% Design Submittal Jan. 2024 to April 2024													
6.1	PERMITTING & APPROVALS - FINALIZATION OF PLANS & SPECIFICATIONS, QAJQC		6	24				20						\$ 6,450.00
6.2	ISSUED FOR CONSTRUCTION (IFC) DOCUMENTS PACKAGE		1	4				4						\$ 1,135.00
														\$ -
	Subtotal Task 401	0	7	28	0	0	0	24	0	0	0	0	\$ 7,585.00	\$ 7,585.00
	ENGINEERING SERVICES DURING CONSTRUCTION													
TASK 7	CONSTRUCTION ADMINISTRATION Jan. 2024- April 2026													
7.1	CONSTRUCTION COORDINATION: TEAM VIRTUAL MEETINGS (OAC) - 1 /MONTH - 3 MONTHS, 2/MONTH - 21 MONTHS - 1 HR/MEETING EA.		15	45										\$ 9,450.00
	REIMBURSABLE TRAVEL MILEAGE - 11 TRIPS, 82 MILES, \$5.16 TOLLS											\$ 467.17		\$ 467.17
7.2	REVIEW OF SUBMITTALS & SUBSTITUTIONS			6										\$ 870.00
7.3	REQUESTS FOR INFORMATION (RFI) AND CLARIFICATIONS		2	20										\$ 3,290.00
7.4	DESIGN CHANGES AND CHANGE ORDERS		1	14				20						\$ 4,025.00
7.5	SITE VISITS		4	54.5					24					\$ 11,322.50
	KICK OFF MEETING LC SITE													
	KICK OFF MEETING GC/LC TREE RELOCATION													
	SITE VISITS - TREE RELOCATIONS (5@7x2 HRS. EA.)													
	SITE VISITS - PLANTING PLANS - 1 CONSTRUCTION PHASE (5@5 HRS. EA.)													
7.6	FINAL WALKTHROUGH & PUNCHLISTS: SUBSTANTIAL & FINAL COMPLETION LANDSCAPE			14				8						\$ 2,750.00
7.7	RECORD DRAWINGS			3				10						\$ 1,335.00
7.8	PERMITTING & PROJECT CLOSEOUT - FINAL CERTIFICATION		1	6										\$ 1,065.00
	Subtotal Section 501	0	23	162.5	0	0	0	38	24	0	0	\$467.17	\$ 34,574.67	\$ 34,574.67
	Subtotal Services	8	36.5	198	0	0	0	62	24	18	0	\$467.17	\$ 47,371.11	\$ 47,371.11

BUDGET SUMMARY

Palm Beach County Water Utilities Department
PROGRESSIVE DESIGN-BUILD AGREEMENT
Resolution No. R2021-1248 Contract Dated September 14, 2021
Amendment No. 1
Consultant: Gentile Glas Holloway O'Mahoney & Assoc. (2GHO, Inc.)
Project Title: GREEN CAY PHASE 2 PROGRESSIVE DESIGN-BUILD
PBCWUD Project No.: 20-036

PARK SITE

FEE PROPOSAL BUDGET SUMMARY

Labor Classification and Hourly Rate														
Task		Project Director / Principal \$235/hr	Senior Project Manager / Principal \$195/hr	Project Landscape Architect \$145/hr	Senior Planner \$120/hr	Planner \$85/hr	Senior Landscape Designer \$110/hr	Landscape Designer \$90/hr	Arborist \$110/hr	Project / Contract Admin \$50/hr \$/hr	Clerical \$30/hr	Other Fee	CONSULTANT Total	Sub Consultant Total
Number	Task Description	\$ 235.00	\$ 195.00	\$ 145.00	\$ 120.00	\$ 85.00	\$ 110.00	\$ 90.00	\$ 110.00	\$ 50.00	\$ 30.00		Services	Services
	DESIGN & ESDC MANAGEMNT													
TASK 5	MANAGEMENT													
5.1	MANAGEMENT: MONTHLY PREPARATION OF FORMS ADMINISTRATIVE - 25 MONTHS	25								75				\$ 9,625.00
	BIM SOFTWARE SOFTWARE - 3 SEATS											\$ 3,500.00		\$ 3,500.00
5.2	WORKSHOPS & MEETINGS: MEETINGS - 1 PER WEEK - 13.25 WEEKS @3 HRS.		38.5	38.5										\$ 13,090.00
	REIMBURSABLE TRAVEL MILEAGE - 4 TEAM KA											\$ 76.44		\$ 76.44
	Subtotal Task 311	25	38.5	38.5	0	0	0	0	0	75	0	\$ 3,576.44	\$ 26,291.44	\$ 26,291.44
	PHASE 2 FINAL DESIGN SERVICES													
TASK 6	100% Design Submittal Jan. 2024 to April 2024													
6.1	PERMITTING & APPROVALS - FINALIZATION OF PLANS & SPECIFICATIONS, QA/QC		11	62				90						\$ 19,235.00
6.2	ISSUED FOR CONSTRUCTION (IFC) DOCUMENTS PACKAGE		24											\$ 4,680.00
	Subtotal Task 401	0	35	62	0	0	0	90	0	0	0	0	\$ 23,915.00	\$ 23,915.00
	ENGINEERING SERVICES DURING CONSTRUCTION													
TASK 7	CONSTRUCTION ADMINISTRATION Jan. 2024- April 2026													
7.1	CONSTRUCTION COORDINATION: TEAM VIRTUAL MEETINGS (OAC) - 1 /MONTH - 3 MONTHS, 2/MONTH - 21 MONTHS - 1 HR/MEETING EA.		15	45										\$ 9,450.00
	REIMBURSABLE TRAVEL MILEAGE - 75 SITE VISITS											\$ 3,185.25		\$ 3,185.25
7.2	REVIEW OF SUBMITTALS & SUBSTITUTIONS			50										\$ 7,250.00
7.3	REQUESTS FOR INFORMATION (RFI) AND CLARIFICATIONS		6	46										\$ 7,840.00
7.4	DESIGN CHANGES & CHANGE ORDERS			16				24						\$ 4,480.00
7.5	SITE VISITS		40	299										\$ 51,155.00
7.5	KICK OFF MEETING GC GRADING & ROCKS													
7.5	SITE VISITS - LITTORAL SHELVES - 4 VISITS@5 HRS.													
7.5	SITE VISITS - BOULDER PLACEMENT - 4 VISITS@6 HRS.													
7.5	SITE VISITS - ROCKS-BOULDERS - SPRING - 4 VISITS@6 HRS.													
7.5	KICK OFF MEETING LC SITE													
7.5	SITE VISITS - PLANTING PLANS - 10 DIFFERENT SECTIONS - 40 VISITS 7 HRS													
7.6	FINAL WALKTHROUGH & PUNCHLISTS: LANDSCAPE PER 10 DIFFERENT AREAS - 2 VISITS PER = 20 VISITS@6HRS. EA. + 2 HOURS COORDINATION PER VISIT		20	158				40						\$ 30,410.00
7.7	RECORD DRAWINGS			12				80						\$ 8,940.00
7.8	PERMITTING & PROJECT CLOSEOUT: FINAL CERTIFICATION AT TOTAL COMPLETION INCL. CHECK OF PREVIOUSLY COMPLETED AREAS/PHASSES 1 VISIT@8 HOURS+ REPORT		8	16										\$ 3,880.00
	Subtotal Section 501	0	89	642	0	0	0	144	0	0	0	\$ 3,185.25	\$ 126,590.25	\$ 126,590.25
	Subtotal Services	25	162.5	742.5	0	0	0	234	0	75	0	\$ 6,761.69	\$ 176,796.69	\$ 176,796.69

BUDGET SUMMARY

Palm Beach County Water Utilities Department
 PROGRESSIVE DESIGN-BUILD AGREEMENT
 Resolution No. R2021-1248 Contract Dated September 14, 2021
 Amendment No.1
 Consultant: Keshavarz & Associates, Inc.
 Project Title: GREEN CAY PHASE 2 PROGRESSIVE DESIGN-BUILD
 PBCWUD Project No.: 20-036

SUMMARY

BUDGET SUMMARY

BUDGET SUMMARY																
Labor Classification and Hourly Rate																
Task	Task Description	Principal / Project Director \$/hr	Senior Project Manager	Sr Project Eng / Sr Surveyor \$/hr	Project Eng. / Project Surveyor \$/hr	Designer \$/hr	Engineer Intern \$/hr	Sustainability/Bio Mimicry Practice Coordinator \$/hr	Licensed Constr Project Rep \$/hr	Constr Project Representative \$/hr	Survey Crew \$/hr	Utility / Permit Coord \$/hr	Project / Contract Admin \$/hr	Clerical \$/hr	CONSULTANT Total	Sub Consultant Total
Number	Task Description	\$ 325.00	\$ 230.00	\$ 190.00	\$ 137.00	\$ 115.00	\$ 54.00	\$ 160.00	\$ 138.00	\$ 100.00	\$ 150.00	\$ 90.00	\$ 120.00	\$ 63.00	Services	Services
5	Design and ESDC Management															
5.1	Management - Project Coordination and Communication throughout Final Design and Engineering Services During Construction	32	60										32	0	\$ 28,040.00	
5.2	Workshops & Meetings - up to 4 bi-weekly virtual meetings and up to 2 in person meetings during final design, Pre-Construction Conference, up to 60 Bi-weekly construction coordination meetings, 1 Technical Workshop during final design	44	196										36	0	\$ 63,700.00	
	Subtotal Task 5	76	256	0	0	0	0	0	0	0	0	0	68	0	\$ 91,740.00	
6	Phase 2 Final Design Services															
6.1	Permitting Approvals	4	20										4		\$ 6,380.00	
6.2	Issued for Construction (IFC) Documents Package	32	80	80		120							30		\$ 61,400.00	
	Subtotal Task 6	36	100	80	0	120	0	0	0	0	0	0	34	0	\$ 67,780.00	
7	Engineering Services During Construction															
7.1	Construction Engineering Coordination														\$ -	
7.2	Review of Submittal and Substitutions	12	80										20		\$ 24,700.00	
7.3	Requests for Information (RFI) and Clarifications	8	40										12		\$ 13,240.00	
7.4	Design Changes and Change Orders	20	80			60							12		\$ 33,240.00	
7.5	Site Visits and Factory Witness Testing	22	128										16		\$ 38,510.00	
7.6	Final Walk Through and Punchlists														\$ -	
7.7	Record Drawing														\$ -	
7.8	Permit and Project Closeout	12	48										24		\$ 17,820.00	
	Subtotal Task 7	74	376	0	0	60	0	0	0	0	0	0	84	0	\$ 127,510.00	
8	Start-up, Commissioning, Operations and Maintenance Support															
8.1	Commissioning and On-Site Startup Support														\$ -	
8.2	Project Training														\$ -	
8.3	Develop Standard Operating Procedures (SOP)														\$ -	
8.4	Develop and Prepare O&M Manual and Figures														\$ -	
	Subtotal Task 8	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	
9	Stakeholder and Public Outreach Planning and Support															
9.1	Stakeholder Public Outreach and Support														\$ -	
	Subtotal Task 9	0	0	0	0	0	0	0	0	0	0	0	0	0	\$ -	
	Labor Subtotal Hours	186	732	80	0	180	0	0	0	0	0	0	186	0	\$ 287,030.00	
	Labor Raw Costs	\$ 108.33	\$ 76.67	\$ 63.34	\$ 45.67	\$ 38.33	\$ 18.00	\$ 53.33	\$ 46.00	\$ 40.00	\$ 50.00	\$ 30.00	\$ 40.00	\$ 21.00		
	Labor Multiplier	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	
	Labor Sub Total	\$ 325.00	\$ 230.01	\$ 190.02	\$ 137.01	\$ 115.00	\$ 54.00	\$ 160.00	\$ 138.00	\$ 120.00	\$ 150.00	\$ 90.00	\$ 120.00	\$ 63.00		
	Labor Total	\$ 287,030.00														
	Reimbursable, Mileage, Copies, Prints, Deliveries, Title Searches (As Needed Direct Expenses Per Rates & Projections attached)	\$ 4,000.00														
	Project Total	\$ 291,030.00														

Please be advised that these documents contain proprietary information and, as such, in accordance with Florida Statutes §812.081 and 815.045, shall be expressly made confidential and exempt from the public records law. Moreover, we respectfully request that the enclosed documents do not receive public distribution or disclosure pursuant to Florida Statutes §119.0781(b) and (c).



Project No: 2021-021		Printed on: 10/11/2023				
Project Name: PBC - WUD - Green Cay Phase 2		Drawings Date: 6/13/2022				
Address: 12751 Hagen Ranch Rd, Boynton Beach, FL		Owner: PBC - Water Utility Department				
Estimate Date: 10/11/2023						
DIVISION 3	CONCRETE	QTY	UOM	UNIT \$	ACTUAL	REMARKS
03.30.00	CAST-IN-PLACE CONCRETE	1	ls		\$2,950,538.00	Proshell Construction Services Inc.
DIVISION 4	MASONRY	QTY	UOM	UNIT \$	ACTUAL	REMARKS
04.00.00	MASONRY					
04.20.00	UNIT MASONRY	1	ls		In 03 30 00	Proshell Construction Services, Inc.
DIVISION 5	METALS	QTY	UOM	UNIT \$	ACTUAL	REMARKS
05.00.00	METALS					
05.10.00	STRUCTURAL METAL FRAMING	1	ls		\$875,637.00	Palm Beach Iron Works
05.50.00	METAL FABRICATIONS	1	ls		\$239,953.50	Palm Beach Iron Works + Railing Allowance
DIVISION 6	WOODS & PLASTICS	QTY	UOM	UNIT \$	ACTUAL	REMARKS
06.00.00	WOODS & PLASTICS					
06.40.00	ARCHITECTURAL WOODWORK	1	ls		\$68,974.00	KMI International
DIVISION 7	THERMAL & MOISTURE PROTECTION	QTY	UOM	UNIT \$	ACTUAL	REMARKS
07.00.00	THERMAL & MOISTURE PROTECTION					
07.10.00	WATERPROOFING & DAMPPROOFING	1	ls		\$40,788.00	Allowance
07.50.00	MEMBRANE ROOFING	1	ls		\$612,771.00	Wolverine Roofing LLC
07.90.00	JOINT PROTECTION	1	LS		\$25,000.00	Allowance
DIVISION 8	OPENINGS	QTY	UOM	UNIT \$	ACTUAL	REMARKS
08.00.00	OPENINGS					
08.10.00	HM DOORS, FRAME, HW INSTALL	1	ls		\$149,756.00	Cynamon Brothers and Sons
08.30.00	SPECIALTY DOORS	1	ls		\$24,300.00	Door Systems of S FL
08.40.00	ENTRANCES, STOREFRONTS & CURT. WALL	1	ls		\$339,370.00	Cherokee Glass
DIVISION 9	FINISHES	QTY	UOM	UNIT \$	ACTUAL	REMARKS
09.00.00	FINISHES					
09.20.00	PLASTER	1	ls		\$311,853.00	Nichols Industries
09.21.00	GYPSUM BOARD SYSTEMS	1	ls		\$380,732.00	Applegate Interiors
09.30.00	CERAMIC TILE		sqft		\$86,810.00	Brian's Carpet & Comercial Flooring
09.51.00	ACOUSTICAL CEILING SYSTEMS	1	sqft		\$545,395.00	Acousti Engineering
09.60.00	RESILIENT FLOORING - VCT	1	sqft		\$45,439.00	Brian's Carpet & Comercial Flooring
09.70.00	SPECIAL FLOORING- RESINOUS FLOORING	1	ls		\$227,300.00	DuraFloor Inc.
09.90.00	PAINTING & COATING	1	ls		\$135,548.00	A-1 Paint of Palm Beach
DIVISION 10	SPECIALTIES	QTY	UOM	UNIT \$	ACTUAL	REMARKS
10.00.00	SPECIALTIES					
10.14.00	SIGNAGE	1	ls		\$65,300.00	Allowance
10.20.00	INTERIOR SPECIALTIES	1	ls		\$93,403.00	SDI - Mardale & Precision Serv Inst
10.70.00	EXTERIOR SPECIALTIES	1	ls		\$267,352.00	Paradise Architectural Panels
DIVISION 12	FURNISHINGS	QTY	UOM	UNIT \$	ACTUAL	REMARKS
12.00.00	FURNISHINGS					
12.30.00	CASEWORK	1	ls		\$83,262.00	Adaptaspace & Nycorn
DIVISION 21	FIRE SUPPRESSION	QTY	UOM	UNIT \$	ACTUAL	REMARKS
21.00.00	FIRE SUPPRESSION					
21.10.00	WATER BASED FIRE SUPPRESSION SYSTEM	1	ls		\$300,861.00	Farmer & Irwin
DIVISION 22	PLUMBING	QTY	UOM	UNIT \$	ACTUAL	REMARKS
22.00.00	PLUMBING					
22.40.00	PLUMBING FIXTURES	1	ls		\$287,874.00	Farmer & Irwin
DIVISION 23	HEATING, VENTILATING & AIR CONDITIONING	QTY	UOM	UNIT \$	ACTUAL	REMARKS
23.00.00	HEATING, VENTILATING & AIR CONDITIONING	1	ls		\$823,485.00	Cedars Electro Mechanical
DIVISION 26	ELECTRICAL	QTY	UOM	UNIT \$	ACTUAL	REMARKS
26.00.00	ELECTRICAL					
26.10.00	MEDIUM VOLTAGE ELECTRICAL DISTRIBUTION	1	ls		\$825,062.00	Gilmore Electric
DIVISION 27	COMMUNICATIONS	QTY	UOM	UNIT \$	ACTUAL	REMARKS
27.00.00	COMMUNICATIONS		ls			
27.20.00	DATA COMMUNICATIONS	1	ls		\$181,857.00	NCSI
DIVISION 28	ELECTRONIC SAFETY AND SECURITY	QTY	UOM	UNIT \$	ACTUAL	REMARKS
28.00.00	ELECTRONIC SAFETY AND SECURITY		ls			
28.10.00	ELECTRONIC ACCESS CONTROL & INTRUSION DET	1	ls		\$148,800.00	Allowance
28.30.00	ELECTRONIC DETECTION AND ALARM	1	ls		\$54,650.00	1st Fire & Security
DIRECT COST					\$10,192,070.50	
	ALLOWANCES	1	ls			
	CONSTRUCTION PHASE FEE	1	ls		\$1,210,689.87	
	LIABILITY -AUTO & WC INSURANCE	1.780%			\$181,789.00	
	OVERHEAD & PROFIT	7.00%			\$845,109.00	
	BUILDERS RISK INSURANCE @ .0054%				\$0.00	Not required by contract
	CONSTRUCTION CONTINGENCY	2.0%			\$203,841.00	CDM to carry design contingency
	COST ESCALATION CONTINGENCY	0.0%			\$0.00	Trade Contractor Proposal valid until 1/31/24
	GENERAL CONDITIONS- GENERAL REQUIREMENTS	3.5%			\$466,383.00	
	PERFORMANCE & PAYMENT BOND	1.75%			\$175,923.65	
BASE PRICE *** TOTAL AMOUNT					\$13,275,806.02	
Allowances						
Alternates:						



Confidential trade secret information exempt from disclosure under applicable public records law.

PBC - WUD - Green Cay Phase 2						
General Conditions - General Requirements						
Construction Phase Fee / General Conditions						
	Start Date					
	1/1/2024					
Code	Description	QTY	Unit	Unitary Price	Total	Div. Total
	Construction Phase					\$1,291,903.20
01.01.00	Project Manager	74.00	wks	\$4,800.00	\$355,200.00	100%
01.01.02	Accounting	74.00	wks	\$720.00	\$53,280.00	25%
01.01.03	Project Coordinator - On-Site	74.00	wks	\$1,719.30	\$127,228.20	75%
01.01.16	Material / Concrete Testing	1.00	ls	\$25,000.00	\$25,000.00	
01.01.22	First Aid	17.00	mos	\$150.00	\$2,550.00	
01.01.23	Security/Drug Testing	1.00	ls	\$450.00	\$450.00	
01.01.32	Cellular Telephones	20.00	mos	\$500.00	\$10,000.00	
01.01.33	Office Supplies	17.00	mos	\$300.00	\$5,100.00	
01.01.34	Office Drinking Water	17.00	mos	\$150.00	\$2,550.00	
01.01.35	Copy Machine / Fax / Printers	1.00	ls	\$3,500.00	\$3,500.00	
01.01.42	Photography	1.00	ls	\$2,000.00	\$2,000.00	
01.01.70	Computers Monitors & Printers	1.00	ls	\$8,500.00	\$8,500.00	
01.01.75	Software & Technology	20.00	mos	\$700.00	\$14,000.00	Procure
01.02.00	Assistant Project Manager	74.00	wks	\$3,000.00	\$222,000.00	100%
01.02.03	Project Superintendent	74.00	wks	\$4,400.00	\$325,600.00	100%
01.02.04	Assistant Superintendent	74.00	wks	\$0.00	\$0.00	0%
01.02.05	Safety Consultant	1.00	ls	\$71,370.00	\$71,370.00	
01.02.07	Vehicle Fuel	74.00	wks	\$150.00	\$11,100.00	
01.02.20	Janitorial Supplies	17.00	mos	\$75.00	\$1,275.00	
01.50.00	Construction Field Office & Temp Facilities	17.00	mos	\$2,000.00	\$34,000.00	
01.50.05	Temporary On-Site Storage	17.00	mos	\$450.00	\$7,650.00	
01.50.10	Temporary Electric Field - Trailer	0.00	ls	\$0.00	\$0.00	CDM to provide
01.50.11	Temporary Electric Field - Construction	0.00	ls	\$0.00	\$0.00	CDM to provide
01.50.15	Trailer Cleaning Service	74.00	wks	\$75.00	\$5,550.00	
01.50.20	Temp Water Service Field Office	0.00	ls	\$0.00	\$0.00	CDM to provide
01.50.30	Internet Service/Data	0.00	ls	\$400.00	\$0.00	CDM to provide
01.50.40	Office Furniture	1.00	ls	\$4,000.00	\$4,000.00	
01.51.00	Temporary Access-emergency Road	1.00	ls	\$0.00	\$0.00	CDM to install

Closeout - Phase						
						\$56,011.67
01.01.01	Project Manager	8.67	wks	\$1,200.00	\$10,404.00	25%
01.01.01	Assistant Project Manager	8.67	wks	\$1,400.00	\$12,138.00	50%
01.01.03	Accounting	8.67	wks	\$586.80	\$5,087.56	25%
01.02.00	Project Administrator	8.67	wks	\$1,173.60	\$10,175.11	50%
01.02.04	Assistant Superintendent	8.67	mos	\$2,100.00	\$18,207.00	75%



	Start Date					
	1/1/2024					
Code	Description	QTY	Unit	Unitary Price	Total	Div. Total

General Requirements						
						\$329,158.00
01.01.06	As-Built Drawings	1.00	ls	\$2,500.00	\$2,500.00	
01.01.07	Reprographics	1.00	ls	\$5,000.00	\$5,000.00	
01.01.08	Postage -USPS	1.00	ls	\$1,500.00	\$1,500.00	
01.01.10	Site Surveying - Bldg. Layout	1.00	ls	\$15,000.00	\$15,000.00	CDM to provide pad elev 21.5
01.01.11	CPM Schedule-Setup	0.00	ls	\$2,500.00	\$0.00	CDM to provide baseline schedul
01.01.12	CPM Schedule-Update	17.00	mos	\$300.00	\$5,100.00	In house updates
01.01.13	Video Existing Conditions	1.00	ls	\$1,500.00	\$1,500.00	
01.01.14	Engineering Services	1.00	ls	\$6,500.00	\$6,500.00	Delegated Eng Allowance
01.01.15	Soil Compaction	0.00	ls	\$0.00	\$0.00	
01.01.16	Material Testing	1.00	ls	\$20,000.00	\$20,000.00	
01.01.17	Special Inspections	1.00	ls	\$3,500.00	\$3,500.00	
01.01.18	Temporary Protection / Flooring / Openings	1.00	ls	\$7,500.00	\$7,500.00	
01.01.20	Site Barricades	1.00	ls	\$5,000.00	\$5,000.00	
01.01.21	Fire Protection - Fire Extinguishers	8.00	ea	\$250.00	\$2,000.00	
01.01.22	First Aid	1.00	ls	\$2,500.00	\$2,500.00	
01.01.24	Temporary Road Repairs	0.00	ls	\$0.00	\$0.00	CDM to maintain all access roads
01.01.26	Miscellaneous Materials	1.00	ls	\$3,400.00	\$3,400.00	
01.01.27	Trash Removal - Building	0.00	wks	\$0.00	\$0.00	
01.01.28	Gen Building Clean - General Labor	50.00	wks	\$1,250.00	\$62,500.00	
01.01.29	Final Building Clean	1.00	ls	\$36,000.00	\$36,000.00	
01.01.30	Window Cleaning	1.00	ls	\$8,200.00	\$8,200.00	
01.01.31	Project Signage	1.00	ls	\$3,500.00	\$3,500.00	
01.01.36	Small Tools	1.00	ls	\$6,500.00	\$6,500.00	
01.01.39	Temp Toilets & Holding	17.00	mos	\$374.00	\$6,358.00	
01.01.41	Aerial Photography	0.00	ea	\$0.00	\$0.00	CDM to provide
01.01.42	Photography	0.00	ls	\$0.00	\$0.00	
01.01.43	Video Existing Conditions-Demo	1.00	ls	\$1,000.00	\$1,000.00	
01.01.50	On-Site Repairs - Sod - LS - Irrigation	0.00	ls	\$0.00	\$0.00	Not required per CDM sod repair if required are by others
01.02.01	General Carpentry	20.00	wks	\$1,400.00	\$28,000.00	
01.02.11	Dumpsters	74.00	ea	\$550.00	\$40,700.00	
01.02.15	Equipment Rental	1.00	ls	\$10,000.00	\$10,000.00	
01.21.25	Price Escalation 2%	0.00	ls	\$0.00	\$0.00	Proposal valid until 1/1/24
01.35.00	Safety Requirements	1.00	ls	\$6,000.00	\$6,000.00	Hand railings, guards etc.
01.40.00	Dust & Silt Control NPDES	1.00	ls	\$10,000.00	\$10,000.00	
01.50.10	Temp Electric Constr.	0.00	mos	\$300.00	\$0.00	CDM to provide
01.50.15	Trailer Cleaning Services	74.00	wks	\$100.00	\$7,400.00	
01.50.20	Temporary Water Service Constr.	0.00	mos	\$75.00	\$0.00	CDM to provide
01.50.25	Temporary HVAC	1.00	ls	\$7,500.00	\$7,500.00	
01.50.50	Temporary Fence	1.00	ls	\$8,000.00	\$8,000.00	CDM to provide
01.50.70	Security Guard	0.00	mos	\$0.00	\$0.00	
01.60.00	Loading & Unloading	1.00	ls	\$6,500.00	\$6,500.00	
01.78.33	CM P&P Bonds	0.00	ls	\$0.00	\$0.00	



Inclusions / Exclusions / Qualifications / Assumptions

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT GREEN CAY PHASE 2 WATER PURIFICATION FACILITY

Division 01 - General Requirements

Comments:

This Guaranteed Maximum Price is based upon Construction Documents issued for bid by CDM Smith dated July 2023 Construction, and the following inclusions, exclusions, clarifications, and assumptions:

1. The General Conditions and General Requirements are based on twenty (20) months of construction and three (3) months for punch list and final closeout.
2. Due to current supply chain problems, this Guaranteed Maximum Price is valid for ninety (90) days counted from the day bids are received to when submittals are approved and released for production/procurement by the architect.
3. All procurement lead times are subject to change due to the unpredictability of the current market conditions.
4. If a subcontractor proposal accepted is higher than the amount established for the applicable line item of Work, the deficiency may be taken from the Contingency.
5. A Two (2) percent Construction Contingency calculated over the direct cost – Divisions 2 to 33 has been included in the GMP.
6. We assume Governmental Fees and Utility connection fees are by CDM Smith.
7. We assume that CCMC's will mobilize onsite with 10 days upon issuance of the NTP.
8. We assume that the building pad will be turned over to CCMC with a 21.5 elevation within 45 days of the issuance of the NTP and site mobilization.
9. We assume all Impact Fees, if required, will be paid by CDM Smith.
10. Commissioning Coordinator, if required, will be provided by CDM Smith under a separate contract and shall not be the responsibility of the construction manager.
11. We assume all underground utilities for tie-in of the work related to our Scope of Work are in good condition, require no work, and are adequate in size and capacity for the installation of the work shown in the construction documents.
12. We assume that CDM Smith and/or the Owner will be responsible for the cost of all Utilities until the project's substantial completion.
13. We assume that if needed, Builders Risk Insurance and all deductibles will be the responsibility of the Owner and/or CDM Smith.
14. We assume that any Threshold Inspections, if required, will be provided by the Owner and/or CDM Smith.
15. An allowance for dewatering has been included in the GMP, however any permits or permit fees associated with dewatering are not included in this GMP and will be billed separately.
16. We assume that an area for a temporary office facility, material staging, crane and emergency vehicles will be assigned to the CM, within WUD Property.
17. It is assumed that all construction materials, tools, and equipment can be stored in an assigned staging area.
18. Construction permits and fee are provided by Cooper Construction
19. We assume all Governmental Fees; impact fees and Utility connection fees are by Owner.
20. The Owner shall furnish asbestos and lead reports and shall be responsible for any asbestos and/or lead testing and/or abatement if needed, prior to the commencement of this scope of work.
21. We base our price on temporary power and water being available onsite.



Inclusions / Exclusions / Qualifications / Assumptions

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT GREEN CAY PHASE 2 WATER PURIFICATION FACILITY

22. We assume that an area for a temporary office facility and material staging will be assigned to the CCMC, within proximity of the building site.
23. The acceptance of any alternatives will result in adjustments to the GMP.
24. We assume that the building pad elevation of 21.5 will be provided prior to the commencement of the project.

Exclusions:

1. We have excluded Asbestos/Lead/Hazardous Materials, surveys, and abatement.
2. We have excluded the remediation of all unsuitable materials.
3. We have excluded all work five feet outside of the educational and processing building footprint.
4. We have excluded all sitework that extends beyond the building footprint.
5. We have excluded all sidewalks, landscaping, irrigation, asphalt, parking lot, site accessories including any all-ancillary equipment associated with the site.
6. We have excluded all equipment associated with the purification facility and the water treatment building.
7. We have excluded all electrical switchgear, emergency generators, electrical panels, disconnects, transformers, etc.
8. We have excluded all earthwork, dewatering, rough grading, finish grading, trenching, and backfilling not associated with the interior of the educational building's footprint, subgrade preparation.
9. We have excluded site temporary fencing. Temporary site fencing provided by others.
10. We have excluded all site security services.
11. We have excluded finish grade elevation. Finish grade elevation to be provided by others. (Finish grade elevation to be 21.5')
12. We have excluded 4160-volt feeder cable and step-down transformer.
13. We have excluded low voltage, switchboards, power panels EDU's, EDU transformer and LCP (lighting control panels)
14. We have excluded all site lighting and site lighting accessories.
15. We have excluded all work related to the processing plant, equipment, and interconnections.
16. We have excluded the installation, testing of all mechanical piping.
17. We have excluded final connections and tie-in to all off-site utilities.
18. We have excluded all exterior improvements.
19. We have excluded all process gas equipment, blowers, compressors, and tanks.
20. We excluded all utility work.
21. We excluded all display area equipment, displays, specialty fixtures not shown and all other assemblies not shown whether reasonably inferred or not.
22. We excluded the water flow test for the building fire suppression system.
23. We excluded a fire pump.
24. We have excluded the chemical storage building and the guard house and any/all associated work.

Division 02 – Existing Conditions

Comments:

1. No Work



Inclusions / Exclusions / Qualifications / Assumptions

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT GREEN CAY PHASE 2 WATER PURIFICATION FACILITY

Division 03 – Concrete

Comments:

1. All concrete footings, spread footings, haunch footings and slabs on grade associated with the educational and purification building.
2. Thickened edge slab on grade.
3. All concrete columns and beams.
4. Cast in place concrete stem walls.
5. All concrete and grout filled concrete masonry units.
6. All concrete parapet walls, concrete lintels, etc.
7. All grout for grout filled hollow metal door frames.
8. All excavation, backfilling and compaction of footings, column pads and slab on grade.
9. All footing, columns, beams, and slab formwork.
10. 4,000 psi concrete

Division 04 – Masonry

Comments:

1. All concrete masonry units as per the construction documents dated July 2023
2. All concrete lintels.
3. All concrete masonry unit accessories.
4. All grout required to fill CMU cells.
5. All 12" CMU
6. Provide all reinforcement bars and anchors.
7. All formwork for cast in place curbs.
8. Fluid applied waterproofing at all foundation stem walls.

Division 05 - Metals

Comments:

1. Includes interior hand railings.
2. All steel beams, angles, stainless steel anchor bolts, embeds, aluminum grating, bridging, bracing, bent angles, saddle clips, diagonal bracing etc.
3. All galvanized steel bar joists, joist bearing plates and all accessories associated with the roof system of the educational and purification building.
4. All composite roof decking and accessories are associated with the educational and purification building.
5. All steel reinforcement bars.
6. Prefabricated curbs.

Division 05 – Metals, cont'd:



Inclusions / Exclusions / Qualifications / Assumptions

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT GREEN CAY PHASE 2 WATER PURIFICATION FACILITY

7. Bolted angle connections.
8. Columns, column reinforcement, dowels etc.

Division 06 - Wood, Plastics & Composites

Comments:

1. All lab and control room millwork and cabinets.
2. All wall mounted cabinets.
3. All countertops to be solid surface. (Color to be provided by Owner)
4. Epoxy peg board as indicated.
5. All caulking as required.
6. All grommets as required.
7. All millwork accessories, hardware, slides, handles, reinforcements and other related items.
8. All rough carpentry includes not limited to wood in-wall backing, for wall hung accessories and or equipment.
9. All millwork / cabinetry shall of a solid wood species.

Division 07 – Thermal & Moisture Protection

Comments:

1. Scope of work included and priced is GAF Rubberoid HW smooth torch applied over securock. Maintenance for the twenty (20) year NDL warranty with a (2) two-year workmanship warranty.
2. Includes a minimum of R-20 with ISO tapered and 1/2" Securock adhered to flat and sloped light weight concrete deck.
3. GAF Rubberoid HW granule FR cap sheet over smooth base sheet.
4. Installation of 2 ply SBS wall flashing up & over exterior parapet walls under coping cap.
5. .032 aluminum Kynar standard color slip metal at curbs.
6. .032 aluminum Kynar standard color 2 pcs counter flashing at high int. walls.
7. .040 Aluminum Kynar standard color prefabricated coping cap w/ prefabricated corner & ends.
8. .032 Aluminum Kynar standard color scupper sleeves, collector heads and downspouts.
9. Install P.T. woods nailers at coping.
10. Includes P.T. wood Nailers at coping.
11. Installation of Bilco aluminum roof hatches.
12. Installation of walk pads as per plans.
13. Penetrations flashed as per the manufacturer's specifications.
14. Self-adhered vapor barrier applied to primed concrete deck.
15. Includes GAF Rubberoid touch applied over Securock.
16. 2 ply SBS wall flashing.
17. Bilco roof hatches.
18. Walk pads as per plan.
19. 2-year NDL Warranty.

Division 07 – Thermal & Moisture Protection cont'd:



Inclusions / Exclusions / Qualifications / Assumptions

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT GREEN CAY PHASE 2 WATER PURIFICATION FACILITY

- 20. 2-year workmanship warranty.
- 21. Include fluid applied waterproofing at foundation.

Division 08 – Doors and Windows

Comments:

1. All welded HM Frames, HM Doors, transoms and sidelight frames, all Hardware as shown on drawings and schedules.
2. We've included an allowance for Access Controlled hardware, power transfers, wiring, door releases, security contacts, etc.
3. All interior doors, frames and hardware as specified in the Educational Centers door schedule.
4. All aluminum storefronts and aluminum window systems to install a complete system and all required accessories.
5. All caulking, backer rod and sealant.
6. Hollow metal window systems.
7. All miscellaneous glass and glazing and door vision lights.

Division 09 – Finishes

Comments:

1. All metal framing, drywall and finishing in accordance with Educational Center documents.
2. All interior finishes as outlined in the finish schedule for the Educational Center.
3. All interior painting and coatings as per the finish schedule for the Educational Center.
4. All exterior stucco and wall finishes.
5. All vapor barriers, corner bead
6. Sealed concrete flooring where required.
7. Stained concrete flooring where required.
8. Slip resistant mosaic tile.
9. Slip resistant linoleum tile.
10. All carpet tiles were required.
11. All interior and exterior finished as associated with the Educational Building.
12. Acoustical ceiling tile.
13. Specialty wood ceiling in display area. (Allowance)

Division 10 - Specialties

Comments:

1. All toilet accessories as associated with the Educational Center.
2. All shower room lockers as associated with the Educational Center.
3. All toilet partitions, urinal screens, cubicle curtains for restrooms.
4. All interior specialties as associated with the Educational Building.

Division 11 - Equipment



Inclusions / Exclusions / Qualifications / Assumptions

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT GREEN CAY PHASE 2 WATER PURIFICATION FACILITY

Comments:

1. Not part of this GMP.

Division 12 - Furnishings

Comments:

1. Not part of this GMP

Division 13 - Special Construction

Comments

1. All aluminum metal canopies as associated with the Educational Center.
2. All metal shade structures as associated with the Educational Center
3. ACM panels as associated with the Educational Center.
4. Aluminum extrusions and fasteners.
5. All engineered shop drawings and calculations.

Division 14 - Conveying Equipment

Comments:

1. Not part of this GMP.

Division 21 – Fire Suppression

Comments:

1. Design and install a completely engineered fire suppression system.
2. Permits included.
3. Connection to underground fire main and connection to the DDCV is excluded.
4. Certification of fire line is excluded.



Inclusions / Exclusions / Qualifications / Assumptions

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT GREEN CAY PHASE 2 WATER PURIFICATION FACILITY

Division 22 – Plumbing

Comments:

1. Plumbing scope of work includes all work as associated with the Educational Building.
2. All rough plumbing, all plumbing fixtures, equipment, and trim work including carriers, sanitary, ventilation, and domestic water work as associated with the Educational Center
3. Floor and roof drains are included.
4. All water fountains and carriers as shown.
5. All condensate lines for new AHU units.

Division 23 – Heating, Ventilation and Air Conditioning

Comments:

1. Shop drawings and submittals.
2. All air handler and condensing units as shown.
3. Furnish and install all VAV Terminal Boxes as shown.
4. Furnish and install exhaust fans.
5. All air distribution (Supply and Returns) furnish and install.
6. Furnish and install all controls.
7. Commissioning and closeout
8. All Insulation as required.
9. Test and Balance for leak detection of the ductwork, is excluded; existing duct system is fully grilled out and would require to be sectioned for pressurization testing, making it impossible to price at this time.
10. Onsite storage areas will be necessary for HVAC equipment and material storage. Access for shipping and receiving will be necessary.
11. An allowance for Temporary AC if required has been included.
12. All louvers as specified.
13. Furnish and install new condensate drains.
14. All required A/C curbs.
15. We excluded any cost associated with rental of space for equipment storage and handling.

Division 26 – Electrical

1. Supply and install a complete lighting package as shown in the drawings and specifications.
2. All site lighting has been excluded from this GMP.
3. Supply, install and terminate all new branch circuit conduit and wire to the lighting and power devices down stream of all the power and lighting panels.
4. Branch circuit wiring.
5. Branch circuit trim.
6. Electrical connections to food service, HVAC, plumbing and other equipment.

Division 26 – Electrical cont'd:



Inclusions / Exclusions / Qualifications / Assumptions

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT GREEN CAY PHASE 2 WATER PURIFICATION FACILITY

7. Power and lighting panels are to be provided by others.
8. Supply and install new cable tray as shown in the drawings. (Located in 2 areas)
9. Provide third party testing as required.
10. To provide temporary construction power to the staging area and the building construction.
11. Fire Alarm infrastructure is included.
12. Access control infrastructure is included.
13. CCTV infrastructure is included.
14. Data / Voice infrastructure is included. We have excluded providing any equipment, devices, boxes, conduits and/or cabling for communication systems, A/V, Intercom, Public Address, video surveillance, access/intrusion detection/control, card access, and emergency Radio Communications systems.
15. Electrical saffing for other trades is included.
16. Electrical work related to Mechanical work, AHU and VFDs (provided by others), using existing circuit power as shown.
17. Empty conduits and boxes for added fire alarm devices.
18. Electrical work related to bottle filling stations is included.
19. Emergency Battery Packs.
20. We have excluded any Specification Allowances for Fire Alarm (called in Spec Sections).
21. We have excluded lightning protection and testing.
22. We have excluded building grounding system.

Division 28 – Electronic Safety and Security

Comments:

1. Engineering services to Design-Build the Fire Alarm. Signed and sealed shop drawings will be submitted for approval to the building department.
2. CM is not responsible for missing devices required by code or by the authority having jurisdiction. The drawings priced should meet all requirements, but the CM or the Subcontractor are not the EOR.
3. The contractor will install devices shown by code, devices, required by AHJ will be priced and billed against contingency.
4. Installation of the Fire Alarm System as Shown on Fire Alarm Drawings FA-0.1 through FA1.6 is included. Any work not shown on drawings is excluded.
5. Lead time for Fire Alarm Panel with Voice Evac is currently 12 Months from the date of release of approved submittals.
6. Fire Alarm work is priced to be done during the summer school breaks in an unoccupied campus and accordingly, we have excluded any phasing and Fire Watch.
7. Except where new devices are being added, the fire alarm system has been priced assuming that the existing conduits and boxes can be utilized for new fire alarm devices. A parallel new conduit system and new boxes are excluded.
8. Design – Build of the Fire Alarm System is excluded.

Division 32 – Site Improvements

Comments:

1. Excluded from GMP

Palm Beach County Water Utilities Department Green Cay Phase 2 PDB Project

Owner's Interactive Display Allowance and Roto's Detail Design and Media Pre-Production

Green Cay Water Treatment Plant Visitor Center
Schematic Design - Cost Analysis
6-Nov-23



Design Fees	Total
Concept Design <i>(Complete)</i>	\$ 124,982
Schematic Design <i>(Final Stages)</i>	\$ 681,795
Detail Design & Media Pre-Production	\$ 638,325
Mobilization, Construction Administration and General Conditions	\$ 317,690
Sub-Total Design Fees and Other Soft Costs	<u>\$ 1,762,792</u>

Production & Installation						
Exhibit	Structures & Theming	Custom Interactive Assy.	AV/IT Equipment	Software & Media	Graphics & Printing	Other
Cycle Room 3360 SF						
Entry Sign	\$ 1,500	\$ -	\$ -	\$ -	\$ 21,000	\$ -
Entry Statement	-	-	-	-	18,000	2,000
Interactive Florida Lake	45,100	-	655,000	456,000	5,000	50,000
Water Table	122,300	5,500	168,000	286,000	5,000	15,000
Water System interactive	94,000	248,000	-	-	5,000	10,000
Water Cycle	48,000	15,800	56,000	51,000	5,000	10,000
Water Factory 1170 SF						
Factory Show	186,000	-	235,000	422,000	47,800	-
Post Show 1070 SF						
Graphic statement	5,000	-	-	-	18,000	1,000
Dynamic water	-	-	-	-	-	-
Water under Microscopes	32,500	36,700	38,600	55,000	4,800	1,500
Working with Water	-	-	-	-	-	-
Conservation Wheel	43,000	22,000	16,800	42,100	6,500	1,500
Photo op	-	-	-	-	-	-
Subtotal Fabrication	\$ 577,400	\$ 328,000	\$ 1,169,400	\$ 1,312,100	\$ 136,100	\$ 91,000
Production Management						\$ 65,000
Shipping						\$ 15,000
Installation						\$ 285,000
Exhibit Production & Installation Total (2023)						<u>\$ 3,979,000</u>

1. Detailed production costs above reflect current pricing, assuming a start of Detail Design in 1Q 2024 proceeding without a break in Production and then Installation. Any delay beyond this timeframe will result in the need of additional review to determine any cost escalation for a future Production
2. Reflects current project contents as of Cost Analysis date

Palm Beach County Water Utilities Department Green Cay Phase 2 PDB Project

Risk Register

RISK ASSESSMENT REGISTER

Update Attendees: R Hagaman, D Sutter

Project Name: Green Cay Phase 2 Water Purification Facility
 Project Number: 265964
 CSL:
 PMCL:
 PMD: Nate Lazewski
 PMC: Ryan Hagaman
 LCE: Craig Gadberry
 PCS: Doug Sutter

Input Provider: Ryan Hagaman
 Run Date: 7/21/2023
 Version: Rev 07
 Risk\$ + Opp\$: \$ 5,904,755
 Risk\$: \$ 5,904,755
 Opportunity\$: \$ -
 High Risk\$: \$ 3,918,630
 Schedule Days Risk: 210

RISK PROBABILITY ASSESSMENT		COST ASSESSMENT		SCHEDULE ASSESSMENT	
Rating	Guideline	Impact Rating	Cost Impact Guideline	Rating	Guideline
Very Low (VL)	10%	Negligible	<\$10,000	Negligible	< 1 Week
Low (L)	30%	Marginal	\$10,000 - \$100,000	Marginal	1-2 Weeks
Moderate (M)	50%	Significant	>\$100,000 - \$500,000	Significant	> 2-4 Weeks
High (H)	70%	Critical	>\$500,000 - \$1 million	Critical	> 4-8 Weeks
Very High (VH)	90%	Crisis	>\$1 million	Crisis	> 8 Weeks

PART ONE - Risk / Opportunity Identification									PART TWO	PART THREE - Contingency Planning				
ID	Risk Prob	Risk Change	Risk/Opportunity Element	Definition of Risk/Opportunity Element	Consequence of Occurrence (Cost (\$) and Schedule (days) Impact)	Risk/ Opp	Risk Mitigation / Opportunity Suggestion (technical approach)	BIC	Pricing Strategy Contingency	Cost (whole \$)	Cost Probability	Schedule (days)	Schedule Probability	Assumptions
1	L		Technical / Engineering	Site Soil Conditions for Suitable Economical Foundations	\$ - Schedule (days): 0	CLOSED	Geotech in locations of final designed foundation to ensure good soils	N Lazewski	Contingency	Optimistic: \$ - Most Likely: \$ - Pessimistic: \$ -	50.0% 40.0% 10.0%	0 0 0	50% 40% 10%	7/13/2022 - Closed Risk Price risk until full geotech can be completed
2	M		Environmental	Soil conditions in Park not suitable due to pesticides or other chemicals and have to be disposed off site	\$ 120,000 Schedule (days): 15	R	Test as much as practical in phase 1 to inform risk strategy	N Lazewski	Contingency	Optimistic: \$ - Most Likely: \$ 500,000 Pessimistic: \$ 2,000,000	79.0% 20.0% 1.0%	0 20 40	50% 25% 25%	Price as contingency and update based on Phase 1 Testing
3	M		Technical / Engineering	Source Water Difficult to Pilot & May Differ to full scale plant	\$ 275,000 Schedule (days): 3	R	Test for various ranges during piloting and consider treatment membranes and equipment with scalability to account for source water variations	N Lazewski	Contingency	Optimistic: \$ - Most Likely: \$ 100,000 Pessimistic: \$ 1,000,000	50.0% 25.0% 25.0%	0 20 40	50% 5% 5%	Price as contingency and work with possible vendors to account for source water changes as piloting progresses
4	VH		Technical / Engineering	Design Definition Progression	\$ 1,975,000 Schedule (days): 14.50	R	Design to progress as quickly as possible to flush out design definition. Education Component delayed compared to other portions of the project so work will need to progress faster than planned to address design defition challenges	N Lazewski	Contingency	Optimistic: \$ 1,500,000 Most Likely: \$ 3,000,000 Pessimistic: \$ 5,000,000	75.0% 20.0% 5.0%	10 20 40	75% 15% 10%	Contingency for design defintion progression
5	M		Regulatory	Permitting	\$ 295,000 Schedule (days): 7.00	R	Permitting by FDEF/LWDD/PBC etc. may be delayed by project stoppage which could delay construcion or add changes to the design after GMP	N Lazewski D Thomas	Contingency	Optimistic: \$ - Most Likely: \$ 100,000 Pessimistic: \$ 1,000,000	30.0% 45.0% 25.0%	0 10 40	25% 50% 5%	Push permits as early as practical to solicit verbal feedback in Phase 1 prior to full approvals
6	L		Operations	New operation for WUD, will require new personel and new practices to get operations running smoothly	\$ 13,750 Schedule (days): 2.75	R	Engage operators early including prior to startup & commissioning to let them be part of the startup & troubleshoot process to gain understanding and experience prior to full commissioning. Full owner training on every piece of equipment including classroom and field time.	R Hagaman	Contingency	Optimistic: \$ - Most Likely: \$ 25,000 Pessimistic: \$ 100,000	75.0% 15.0% 10.0%	0 5 20	75% 15% 10%	Price startup support necessary to facilitate the transition & carry startup contingency
7	L		Environmental	Force Majeur	\$ 237,500 Schedule (days): 3	R	Increasing risk of storms, conflicts, etc. Which could threaten the project. Carry BRI for entire project valuebut deductible value is still a risk. General Conditions associated with Force Majeur carried in Extended GC's item	R Hagaman	Contingency	Optimistic: \$ - Most Likely: \$ 250,000 Pessimistic: \$ 750,000	35.0% 50.0% 15.0%	0 5 20	75% 15% 10%	Carry BRI in direct cost and deductible in Risk Register

RISK ASSESSMENT REGISTER

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8	VH		Contractual	Supply Chain Challenges	\$ 275,000	R	Early release of long lead equipment, work to move complex equipment away from critical path	R Hagaman	Contingency	Optimistic	\$ -	75.0%	0	25%	After minimizing impacts where possible, carrying contingency money to use in material expediting	
					Schedule (days):					30	Most Likely	\$ 500,000	15.0%	20		50%
											Pessimistic	\$ 2,000,000	10.0%	80		25%
9	H		Schedule	Schedule Risk - Extended GC's	\$ 155,880	R	Force majeure, labor shortages, supply chain issues and others adds shedule risk to the project and it's \$260,000 per month GC cost	R Hagaman	Contingency	Optimistic	\$ -	60.0%		60%	Closeout align GMP quotes with schedule and flow through delay damages to subs/vendors where possible	
					Schedule (days):					6	Most Likely	\$ 259,800	30.0%	10		30%
											Pessimistic	\$ 779,400	10.0%	30		10%
10	L		Schedule	Schedule Risk - LD's	\$ 55,000	R	Force majeure, labor shortages, supply chain issues and others adds schedule risk to the project and it's effective \$3,000 per day damages. Project may require acceleration, re-sequencing, or similar to avoid LD's.	R Hagaman	Contractual Mitigation	Optimistic	\$ -	60.0%		60%	Closeout align GMP quotes with schedule and flow through delay damages to subs/vendors where possible	
					Schedule (days):					6	Most Likely	\$ 100,000	30.0%	10		30%
											Pessimistic	\$ 250,000	10.0%	30		10%
11	M		Safety	Construction Accidents	\$ 18,200	R	Safety is critical and any safety incidents will affect productivity and schedule.	R Hagaman	Contingency	Optimistic	\$ -	90.0%	0	90%	Provide full Construction Management team including safety support as part of the General Conditions Team	
					Schedule (days):					0.95	Most Likely	\$ 140,000	7.0%	5		7%
											Pessimistic	\$ 280,000	3.0%	20		3%
12	M		Location	Unforeseen Conditions	\$ 27,500	R	Existing conditions - differences between record drawings, potholed utilites during design phase, and actual conditions	R Hagaman	Contingency	Optimistic	\$ -	60.0%	0	80%	Work with WUD to vet existing utilities as much as possible during the design phase. Excavate and verify any tie-in or isolation points early in the construction process to allow time for devisions to minimize impact	
					Schedule (days):					2.50	Most Likely	\$ 50,000	25.0%	5		10%
											Pessimistic	\$ 100,000	15.0%	20		10%
13	M		Environmental	Weather	\$ 70,000	R	Weather - Rain days delaying or impacting project progress	R Hagaman	Contractual Mitigation	Optimistic	\$ -	60.0%	0	50%	Account for Monthly Standard Weather Days in Baseline schedule and then track deviations from expectations and price with contingency to allow for acceleration or similar.	
					Schedule (days):					6	Most Likely	\$ 140,000	30.0%	5		30%
											Pessimistic	\$ 280,000	10.0%	20		20%
14	L		Resources	Availability of planned resources	\$ 40,000	R	Delay in the execution of Phase 2 contract or the overall project schedule start could impact available resources which could increase cost or impact schedule	R Hagaman	Contingency	Optimistic	\$ -	80.0%	0	90%	Work with WUD to continue to communicate on expected project schedule including the start of Phase 2 in order to program the right staff for the project in Phase 2	
					Schedule (days):					1	Most Likely	\$ 100,000	15.0%	5		6%
											Pessimistic	\$ 500,000	5.0%	10		4%

RISK ASSESSMENT REGISTER

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 PMC: Ryan Hagaman
 LCE: Craig Gadberry
 PCS: Doug Sutter

Input Provider: Ryan Hagaman
 Run Date: 7/21/2023
 Version: Rev 07
 Risk\$ + Opp\$: \$ 5,904,755
 Risk\$: \$ 5,904,755
 Opportunity\$: \$ -
 High Risk\$: \$ 3,918,630
 Schedule Days Risk: 210

RISK PROBABILITY ASSESSMENT		COST ASSESSMENT		SCHEDULE ASSESSMENT	
Rating	Guideline	Impact Rating	Cost Impact Guideline	Rating	Guideline
Very Low (VL)	10%	Negligible	<\$10,000	Negligible	< 1 Week
Low (L)	30%	Marginal	\$10,000 - \$100,000	Marginal	1-2 Weeks
Moderate (M)	50%	Significant	>\$100,000 - \$500,000	Significant	> 2-4 Weeks
High (H)	70%	Critical	>\$500,000 - \$1 million	Critical	> 4-8 Weeks
Very High (VH)	90%	Crisis	>\$1 million	Crisis	> 8 Weeks

PART ONE - Risk / Opportunity Identification										PART TWO		PART THREE - Contingency Planning				
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15	M		Operations	Working within existing Plant Site at SRWRF	\$ 66,500	R	Working within the operating plant could require different schedules, additional parking costs, temporary fencing or screening, and other restrictions to minimize impact to SRFRF	R Hagaman	Contingency	Optimistic	\$ -	33.0%	0	33%	Work with WUD to vet existing utilities as much as possible during the design phase. Excavate and verify any tie-in or isolation points early in the construction process to allow time for deviations to minimize impact. Schedule outages as early as possible to avoid cancellation of work	
					Most Likely					\$ 50,000	34.0%	5	34%			
					Pessimistic					\$ 150,000	33.0%	15	3%			
16			Contractual	Escalation	\$ -	R	Escalation continues to be a major contributor to cost changes in the market. Work on purchasing process equipment as soon as possible following NTP, also have sub and vendor quotes carried for expected duration between sub/vendor pricing and GMP approval.	R Hagaman	Contractual Mitigation	Optimistic	\$ -	100.0%	0	100%	Carry escalation separate from contingency and risk reserve in timberline estimate so that timeline can be evaluated separate from overall risk	
					Most Likely					\$ -	0.0%	0	0%			
					Pessimistic					\$ -	0.0%	0	0%			
17	H		Financial	Subcontractor and Vendor Bidder Interest (post selection, e.g. low bidder drops between 60% and 90%)	\$ 240,750	R	The construction market in Palm Beach County and surrounding areas is very hot and labor availability is consistently shrinking; therefore bidder interest could be challenging. Team to create bidder interest early in the project by holding outreach events between 30% and 60% design.	R Hagaman	Contingency	Optimistic	\$ -	60.0%	0	50%	The long hold duration between sub/vendor GMP pricing and NTP could allow for lost bidder interest as they secure other work, so contingency should be carried to get through buyout phase.	
					Most Likely					\$ 535,000	35.0%	5	40%			
					Pessimistic					\$ 1,070,000	5.0%	20	10%			
18	M		Technical / Engineering	Bypass Pumping & MOPO for Tie-Ins	\$ 10,500	R	Risks associated with existing tie ins especially on dated piping. This may require redundancy or backup processes for bypass pumping depending on the complexity of the tie in and potential impact to WUD operations. Given potential supply chain options it is critical to have these materials on site instead of calling for them when needed.	R Hagaman	Contingency	Optimistic	\$ 5,000	50.0%	0	85%	Carry contingency	
					Most Likely					\$ 10,000	30.0%	5	10%			
					Pessimistic					\$ 25,000	20.0%	10	5%			
19	M		Contractual	Minority & Small Business Participation & Interest	\$ 133,425	R	The construction market in Palm Beach County and surrounding areas is very hot and labor availability is consistently shrinking; therefore bidder interest could be challenging, especially for targeted minority or small business packages. Team to create bidder interest early in the project by holding outreach events focused on these communities and businesses between 30% and 60% design. However limited interest increases the likelihood of bidder fall out, or hiring overloaded subs requiring more management.	R Hagaman	Contingency	Optimistic	\$ -	15.0%	0	15%	Carry contingency until confirmed bidder interest at GMP development	
					Most Likely					\$ 106,500	65.0%	5	65%			
					Pessimistic					\$ 321,000	20.0%	20	20%			

RISK ASSESSMENT REGISTER

Update Attendees: R Hagaman, D Sutter

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Input Provider: Ryan Hagaman
 Run Date: 7/21/2023
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 Risk\$ + Opp\$: \$ 5,904,755
 Risk\$: \$ 5,904,755
 Opportunity\$: \$ -
 High Risk\$: \$ 3,918,630
 Schedule Days Risk: 210

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Rating	Guideline	Impact Rating	Cost Impact Guideline	Rating	Guideline
Very Low (VL)	10%	Negligible	<\$10,000	Negligible	< 1 Week
Low (L)	30%	Marginal	\$10,000 - \$100,000	Marginal	1-2 Weeks
Moderate (M)	50%	Significant	>\$100,000 - \$500,000	Significant	> 2-4 Weeks
High (H)	70%	Critical	>\$500,000 - \$1 million	Critical	> 4-8 Weeks
Very High (VH)	90%	Crisis	>\$1 million	Crisis	> 8 Weeks

PART ONE - Risk / Opportunity Identification									PART TWO		PART THREE - Contingency Planning				
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20	H		Contractual	Equipment Supplier Delays	\$ 224,000	R	Supply chain compounds traditional risks associated with equipment delays. While the WPF equipment does not represent the critical path, it is still imperative to release equipment as early as possible to provide flexibility for vendor delays.	R Hagaman	Contingency	Optimistic	\$ -	30.0%	0	40%	While equipment isn't on critical path and is therefore less likely to impact overall project schedule, it could affect WPF construction timeline which affects General Conditions and has other impacts. Carry contingency for performance delays to recover failing subs.
					Most Likely					\$ 280,000	40.0%	20	30%		
					Pessimistic					\$ 560,000	20.0%	40	20%		
21	H		Contractual	Subcontractor Performance Delays	\$ 522,000	R	Supply chain and labor shortages compounds traditional risks associated with sub delays. It is imperative to subs as early as possible to provide flexibility for sub delays. Also work to flow all damages down to subs to ensure full commitment to schedule.	R Hagaman	Contingency	Optimistic	\$ -	40.0%	0	40%	Labor performance issues could impact General Conditions in addition to overall project performance and substantial completion with associated costs. Carry contingency for performance delays
					Most Likely					\$ 560,000	30.0%	40	30%		
					Pessimistic					\$ 1,180,000	30.0%	80	30%		
22	M		Technical / Engineering	Startup & Commissioning Delays	\$ 25,000	R	Startup of a new process is challenging. Bring key design team on site to assist with startup and develop startup plan well in advance of any startup and commissioning. Carry startup and commissioning with vendor bid packages.	R Hagaman	Contingency	Optimistic	\$ -	60.0%	0	80%	Carry a contingency to account for any startup or commissioning hiccups, especially related to scaling up pilot process
					Most Likely					\$ 25,000	20.0%	5	10%		
					Pessimistic					\$ 100,000	20.0%	20	10%		
23	H		Technical / Engineering	Additional earthwork required for Park to Maintain cut/fill balance	\$ 350,000	R	The design was aggressively optimized to reduce costs which leaves a risk during construction. Need to continue to target potential island deletions to maximize flexibility to cut and fill.	R Hagaman	Contingency	Optimistic	\$ -	50.0%	0	50%	Carry contingency for additional earth handling, but a balanced site is critical for maintaining a cost effective design. Look at pricing as an allowance with PBCWUD to reflect pricing within the GMP.
					Most Likely					\$ 500,000	30.0%	20	30%		
					Pessimistic					\$ 1,000,000	20.0%	50	20%		
24	M		Contractual	Client Insurance Reviews Require Design Changes	\$ 75,000	R	Some owner insurance carriers perform a late review of design documents and add requirements above and beyond the basis of design. To minimize this potential impact, have insurance carrier review 60% design documents in parallel to GMP development so any comments can be picked up as part of GMP development	R Hagaman	Contingency	Optimistic	\$ -	85.0%	0	40%	Carry contingency until insurance carrier confirms their acceptance.
					Most Likely					\$ 250,000	10.0%	5	40%		
					Pessimistic					\$ 1,000,000	5.0%	25	20%		
25	L		Scope	Jog Road Sidewalk May be Required by Permit but not Designed	\$ 12,250	R	Seek Permit approval without sidewalk	R Hagaman	Contingency	Optimistic	\$ -	65.0%	0	80%	Price 2,000 LF as risk in case it is required
					Most Likely					\$ -	0.0%	0	10%		
					Pessimistic					\$ 35,000	35.0%	0	10%		

RISK ASSESSMENT REGISTER

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Very Low (VL)	10%	Negligible	<\$10,000	Negligible	< 1 Week
Low (L)	30%	Marginal	\$10,000 - \$100,000	Marginal	1-2 Weeks
Moderate (M)	50%	Significant	>\$100,000 - \$500,000	Significant	> 2-4 Weeks
High (H)	70%	Critical	>\$500,000 - \$1 million	Critical	> 4-8 Weeks
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26	VL		Value Engineering	Winsburg Farms Pump Sizing	\$ -	CLOSED	Winsburg Farms acreage is reducing drastically and may require smaller pumps than an in-kind replacement	R Hagaman	Contingency	Optimistic	\$ -	60.0%	0	80%	Closed: 6/2/2023 Price in kind replacement but explore option to size appropriately as needed for Winsburg updated operational needs
					Most Likely					\$ -	5.0%	0	10%		
					Pessimistic					\$ -	35.0%	0	10%		
27	M		Technical/Engineering	Stabilization of LW30 Canal	\$ 70,000	R	Currently LW30 Canal is believed to be unimpacted by new construction however it is possible that final design may impact slope stability as it currently has a very small factor of safety.	R Hagaman	Contingency	Optimistic	\$ -	97.0%	0	50%	Continue to design in such a way as to limit the impact to LW30 but price risk to the project as a contingency in event LWDD requires additional work. Look at pricing as an allowance with PBCWUD to reflect pricing within the GMP.
					Most Likely					\$ 1,000,000	2.0%	0	25%		
					Pessimistic					\$ 5,000,000	1.0%		25%		
28	L		Technical/Engineering	Fire Loop at Park	\$ 18,750	R	Fire system at park is not currently designed as a looped system but it is possible that PBC requires system to be looped during permitting. Team should seek permit as early as possible without loop requirement.	R Hagaman	Contingency	Optimistic	\$ -	75.0%	0	80%	Price as contingency risk until permitting can be achieved.
					Most Likely					\$ -	0.0%	0	10%		
					Pessimistic					\$ 75,000	25.0%	0	10%		
29	M		Technical/Engineering	Final Integration Completed Post GMP	\$ 92,500	R	All major process equipment and instrumentation will be purchased post GMP with no early release packages which will push integration completion after GMP and after electrical bidding. This leaves a potential control conduit and wire gap between GMP bidding and final installation.	R Hagaman	Contingency	Optimistic	\$ 25,000	50.0%	5	50%	Structure bid packages to collect unit pricing data to support future negotiations and price as a contingency item.
					Most Likely					\$ 100,000	30.0%	10	25%		
					Pessimistic					\$ 250,000	20.0%	20	25%		
30	H		Technical/Engineering	Organic Materials at Park Unsuitable for Use	\$ 350,000	R	Organic materials at park are very high ranging between 2' and 4' deep and can only be quantified at existing soil boring locations with large extrapolations assumed between boring locations. Ultimately those extrapolations could be incorrect and lead to change orders for soils removal and soil import. The design was aggressively optimized to reduce costs which leaves a risk during construction.	R Hagaman	Allowance	Optimistic	\$ (250,000)	50.0%	10	30%	Look at pricing as allowance with PBCWUD to more accurately reflect pricing within GMP
					Most Likely					\$ 500,000	35.0%	20	50%		
					Pessimistic					\$ 2,000,000	15.0%	30	20%		
31	L		Technical/Engineering	Water Quality and Toxicity of Purified Water	\$ 22,500	R	While piloting has demonstrated a high likelihood of excellent purified water quality that meets all primary and secondary drinking water standards, with removal of PFAS and PPCPs below detectable limits, with good aesthetics, and a good source for water replenishment. However, mineral/ion imbalances/deficiencies and sensitivities in organisms are potentially going to be challenging to control at full scale which may require additional treatment or plant adjustments.	R Hagaman	Contingency	Optimistic	\$ -	85.0%	0	30%	Price as contingency
					Most Likely					\$ 100,000	10.0%	0	60%		
					Pessimistic					\$ 250,000	5.0%	0	10%		

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 Risk\$ \$ 5,904,755
 Opportunity\$ \$ -
 High Risk\$ \$ 3,918,630
 Schedule Days Risk 210

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Moderate (M)	50%	Significant	>\$100,000 - \$500,000	Significant	> 2-4 Weeks
High (H)	70%	Critical	>\$500,000 - \$1 million	Critical	> 4-8 Weeks
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32	VL	VL	Hazardous Materials	Asbestos or other hazardous materials in the existing farm silo and structures	\$ 8,750	R	Hazardous material require additional handling and disposal costs	R Hagaman	Contingency	Optimistic	\$ -	50.00%	0	50.00%	Price as contingency	
					Schedule (days):					0	Most Likely	\$ 10,000.00	25.00%	0		25.00%
											Pessimistic	\$ 25,000.00	25.00%	1		25.00%
33	L		Regulatory	Hagen Ranch Crossing may be required to be installed via either trenchless installation or require the entire intersection to be paved instead of only the pipe trench area.	\$ 75,000	R	Attempt to meet with regulatory agencies in advance of GMP to solicit feedback on proposed routing and paving limits	R Hagaman	Contingency	Optimistic	\$ -	50.0%	0	50%	Price as contingency	
					Schedule (days):					6	Most Likely	\$ 50,000	25.0%	5		25%
											Pessimistic	\$ 250,000	25.0%	20		25%
34	H		Regulatory	ZAR may require changes to parking spaces and/or landscaping above what is currently designed. This may include existing Southern Region parking areas to bring entire plant up to compliance with the new ZAR.	\$ 50,000	R	Attempt to meet with regulatory agencies in advance of GMP to solicit feedback on proposed paving and landscaping plans.	R. Hagaman	Contingency	Optimistic	\$ -	25.0%	0	35%	Price as contingency	
					Schedule (days):					4	Most Likely	\$ 50,000	50.0%	5		50%
											Pessimistic	\$ 100,000	25.0%	10		15%
35					#VALUE!	R				Optimistic	\$ -	20.0%	0	35%		
					Schedule (days):						Most Likely	\$ -	60.0%	0		50%
											Pessimistic	\$ -	20.0%	0		15%
36					#VALUE!	R				Optimistic	\$ -	20.0%	0	40%		
					Schedule (days):						Most Likely	\$ -	60.0%	0		50%
											Pessimistic	\$ -	20.0%	0		10%
37					#VALUE!	R				Optimistic	\$ -	20.0%	0	50%		
					Schedule (days):						Most Likely	\$ -	60.0%	0		25%
											Pessimistic	\$ -	20.0%	0		25%

ATTACHMENT C SCHEDULE



GREEN CAY PHASE 2 PROGRESSIVE DESIGN-BUILD

WUD PROJECT NO. 20-036, PACKAGE ID NO. TR08

PALM BEACH COUNTY, FLORIDA

Run Date: 13-Nov-23 13:38

Activity ID	Activity Name	Orig Dur (WDs)	Rem Dur	Start	Finish	Total Float	2024 2025 2026 2027 2028 2029																							
							2024				2025				2026				2027				2028				2029			
							Q4	Q1	Q2	Q3	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Green Cay Ph2 Progressive Design-Build Schedule - 60% GMP (Nov-2022) (PH2)							10-Aug-26, Green Cay Ph2 Progressive Design-Build Schedule -																							
PDB PHASE 2							10-Aug-26, PDB PHASE 2																							
PH2 PROJECT MILESTONES							10-Aug-26, PH2 PROJECT MILESTONES																							
DS-60-GMP3-NTP	NTP for Phase 2 (XS=*02Jan2024)	0	0	02-Jan-24*		0	◆ NTP for Phase 2 (XS=*02Jan2024)																							
M-200	Phase 2 - Commence - FINAL ENGINEERING IFC (XS=*15Dec2022)	0	0	02-Jan-24		14	◆ Phase 2 - Commence - FINAL ENGINEERING IFC (XS=*15Dec2022)																							
CS-000	START - CONSTRUCTION STAGE	0	0	02-Jan-24		37	◆ START - CONSTRUCTION STAGE																							
PRK-2870	FINISH - DESIGN STAGE PH2 (Final Engineering IFC) (XF=-29Feb2024)	0	0		29-Feb-24	14	◆ FINISH - DESIGN STAGE PH2 (Final Engineering IFC) (XF=-29Feb2024)																							
M-225	Mechanical Completion: Green Cay Phase 2 Park (XF=29Dec2025)	0	0		29-Dec-25*	0	◆ Mechanical Completion: Green Cay Phase 2 Park (XF=29Dec2025)																							
M-215	Mechanical Completion: Water Purification Facility (XF=*03Feb2026)	0	0		03-Feb-26*	0	◆ Mechanical Completion: Water Purification Facility (XF=*03Feb2026)																							
M-230	Substantial Completion: Green Cay Phase 2 Park (XF=06Apr2026)	0	0		06-Apr-26*	0	◆ Substantial Completion: Green Cay Phase 2 Park (XF=06Apr2026)																							
M-220	Substantial Completion: Water Purification Facility (XF=*4May2026)	0	0		04-May-26*	0	◆ Substantial Completion: Water Purification Facility (XF=*4May2026)																							
M-300	Project Forecasted Final Completion (XF=*10Aug2026)	0	0		10-Aug-26*	0	◆ Project Forecasted Final Completion (XF=*10Aug2026)																							
FINAL ENGINEERING & IFC							21-Jun-24, FINAL ENGINEERING & IFC																							
Electrical Study							29-Jan-24, Electrical Study																							
WPF-6270	Prepare & Submit Draft Electrical Study	5	5	02-Jan-24	08-Jan-24	36	▮ Prepare & Submit Draft Electrical Study																							
WPF-6280	WUD Review Draft Electrical Study	10	10	09-Jan-24	22-Jan-24	36	▮ WUD Review Draft Electrical Study																							
WPF-6290	Submit Final Electrical Study	5	5	23-Jan-24	29-Jan-24	36	▮ Submit Final Electrical Study																							
100% Design							29-Feb-24, 100% Design																							
DS-100-000	START - 100% Final Engineering Issue for Construction (IFC)	0	0	02-Jan-24		14	◆ START - 100% Final Engineering Issue for Construction (IFC)																							
DS-100-010	100% - Finalize IFC Design	42	42	02-Jan-24	28-Feb-24	14	▮ 100% - Finalize IFC Design																							
DS-100-020	100% - Submit Finalized IFC Engineering Package	1	1	29-Feb-24	29-Feb-24	14	▮ 100% - Submit Finalized IFC Engineering Package																							
DS-100-999	FINISH - 100% Final Engineering Complete	0	0		29-Feb-24	14	◆ FINISH - 100% Final Engineering Complete																							
Permitting (Construction)							21-Jun-24, Permitting (Construction)																							
DS-PMT-10010	Construction Permit Issued	20	20	02-Jan-24	29-Jan-24	37	▮ Construction Permit Issued																							
DS-PMT-10020	Well Permit Agency Review & Approval	80	80	01-Mar-24	21-Jun-24	83	▮ Well Permit Agency Review & Approval																							
PROCUREMENT / SUBMITTALS							18-Jun-25, PROCUREMENT / SUBMITTALS																							
Key Subcontractor Procurement							22-Apr-24, Key Subcontractor Procurement																							
CCI Procurement							22-Apr-24, CCI Procurement																							
SFD1000	START - Long Lead Equipment Procurement	0	0	02-Jan-24		0	◆ START - Long Lead Equipment Procurement																							
PRC1110	Subcontract - Yard Piping (WPF), 33-01	20	20	02-Jan-24	29-Jan-24	0	▮ Subcontract - Yard Piping (WPF), 33-01																							
PRC1270	Subcontract - Survey & Site Layout, 01-01	20	20	02-Jan-24	29-Jan-24	20	▮ Subcontract - Survey & Site Layout, 01-01																							
PRC1320	Subcontract - Earthwork & Grading (Park), 31-01	20	20	02-Jan-24	29-Jan-24	20	▮ Subcontract - Earthwork & Grading (Park), 31-01																							
PRC1100	Subcontract - Transmission Main & Valves, 33-02	20	20	02-Jan-24	29-Jan-24	176	▮ Subcontract - Transmission Main & Valves, 33-02																							
PRC1480	Subcontract - Fencing & Gates, 32-04	25	25	02-Jan-24	05-Feb-24	179	▮ Subcontract - Fencing & Gates, 32-04																							
PRC1040	Subcontract - Electrical, 26-01	30	30	02-Jan-24	12-Feb-24	46	▮ Subcontract - Electrical, 26-01																							
PRC1280	Subcontract - Third Party Testing, 01-02	30	40	02-Jan-24	26-Feb-24	0	▮ Subcontract - Third Party Testing, 01-02																							
PRC1240	Subcontract - Well Drilling & Construction, 33-03	40	40	02-Jan-24	26-Feb-24	106	▮ Subcontract - Well Drilling & Construction, 33-03																							
PRC1070	Subcontract - Process Mechanical, 40-03	60	60	02-Jan-24	25-Mar-24	2	▮ Subcontract - Process Mechanical, 40-03																							
PRC1150	Subcontract - Cast-In-Place Concrete (Park), 03-02	60	60	02-Jan-24	25-Mar-24	54	▮ Subcontract - Cast-In-Place Concrete (Park), 03-02																							
PRC1180	Subcontract - Prefab Park Restroom, 13-02	60	60	02-Jan-24	25-Mar-24	99	▮ Subcontract - Prefab Park Restroom, 13-02																							
PRC1335	Subcontract - Park & Chem Canopy Pavallions, 13-01	60	60	02-Jan-24	25-Mar-24	144	▮ Subcontract - Park & Chem Canopy Pavallions, 13-01																							
PRC1260	Subcontract - SCADA & Automation, 40-02	60	60	02-Jan-24	25-Mar-24	191	▮ Subcontract - SCADA & Automation, 40-02																							
PRC1160	Subcontract - Misc Metals Install	60	60	02-Jan-24	25-Mar-24	214	▮ Subcontract - Misc Metals Install																							
PRC1190	Subcontract - Fire Suppression (Park), 21-01	60	60	02-Jan-24	25-Mar-24	246	▮ Subcontract - Fire Suppression (Park), 21-01																							
PRC1220	Subcontract - Fire Alarm (Park)	60	60	02-Jan-24	25-Mar-24	286	▮ Subcontract - Fire Alarm (Park)																							
PRC1470	Subcontract - Site Concrete & Sidewalks, 32-03	60	60	02-Jan-24	25-Mar-24	291	▮ Subcontract - Site Concrete & Sidewalks, 32-03																							

P6 ID RPT: 265694-GMP.60pct-PH2-3
Date Date: 17-Sep-23
LT: GreenCay - GMP Exhibit - By WBS (TF)

Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

PROGRESSIVE DESIGN-BUILD GMP SCHEDULE (Contract)

DETAILED SCHEDULE BY WBS





GREEN CAY PHASE 2 PROGRESSIVE DESIGN-BUILD

WUD PROJECT NO. 20-036, PACKAGE ID NO. TR08

PALM BEACH COUNTY, FLORIDA

Run Date: 13-Nov-23 13:38

Activity ID	Activity Name	Orig Dur (WDs)	Rem Dur	Start	Finish	Total Float	2024												2025				2026				2027				2028				2029			
							Q1				Q2				Q3				Q4				Q1				Q2				Q3				Q4			
							Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
PRC1210	Subcontract - Plumbing (Park), 22-02	60	60	02-Jan-24	25-Mar-24	329	Subcontract - Plumbing (Park), 22-02																															
PRC1200	Subcontract - Signage (Park)	60	60	02-Jan-24	25-Mar-24	331	Subcontract - Signage (Park)																															
PRC1230	Subcontract - Access Control (Park)	60	60	02-Jan-24	25-Mar-24	346	Subcontract - Access Control (Park)																															
PRC1490	Subcontract - Landscaping (32-05)	80	80	02-Jan-24	22-Apr-24	65	Subcontract - Landscaping (32-05)																															
PRC1290	Subcontract - Misc Metals Install, 05-02	80	80	02-Jan-24	22-Apr-24	194	Subcontract - Misc Metals Install, 05-02																															
PRC1460	Subcontract - AC Paving, 32-02	80	80	02-Jan-24	22-Apr-24	291	Subcontract - AC Paving, 32-02																															
PRC1090	Subcontract - Roto	60	60	30-Jan-24	22-Apr-24	413	Subcontract - Roto																															
Cooper Procurement							22-Apr-24, Cooper Procurement																															
PRC1010	Subcontract - Sitework, 31-01	20	20	02-Jan-24	29-Jan-24	7	Subcontract - Sitework, 31-01																															
PRC1020	Subcontract - Cast-In-Place Concrete (WPF)	20	20	02-Jan-24	29-Jan-24	17	Subcontract - Cast-In-Place Concrete (WPF)																															
PRC1120	Subcontract - Electrical (Cooper), 26-01	20	20	02-Jan-24	29-Jan-24	119	Subcontract - Electrical (Cooper), 26-01																															
PRC1130	Subcontract - HVAC, 23-01	25	25	02-Jan-24	05-Feb-24	290	Subcontract - HVAC, 23-01																															
PRC1030	Subcontract - Structural Steel (Bldg Col, Trusses, Roof, Canopy), 05-01	40	40	02-Jan-24	26-Feb-24	137	Subcontract - Structural Steel (Bldg Col, Trusses, Roof, Canopy), 05-01																															
PRC1310	Subcontract - Doors & Windows, 08-01	45	45	02-Jan-24	04-Mar-24	144	Subcontract - Doors & Windows, 08-01																															
PRC1330	Subcontract - Entrance & Storefronts, 08-03	45	45	02-Jan-24	04-Mar-24	144	Subcontract - Entrance & Storefronts, 08-03																															
PRC1170	Subcontract - Paintings & Coatings (Process & Park), 09-05	60	60	02-Jan-24	25-Mar-24	232	Subcontract - Paintings & Coatings (Process & Park), 09-05																															
PRC1250	Subcontract - Overhead Coiling Doors, 08-02	60	60	02-Jan-24	25-Mar-24	240	Subcontract - Overhead Coiling Doors, 08-02																															
PRC1450	Subcontract - Access Control & Alarm, 28-02	80	60	02-Jan-24	25-Mar-24	259	Subcontract - Access Control & Alarm, 28-02																															
PRC1400	Subcontract - Restroom & Locker Accessories, 10-02	80	80	02-Jan-24	22-Apr-24	161	Subcontract - Restroom & Locker Accessories, 10-02																															
PRC1300	Subcontract - Insulation & Sealants, 07-01	80	80	02-Jan-24	22-Apr-24	212	Subcontract - Insulation & Sealants, 07-01																															
PRC1430	Subcontract - Audio / Visual, 26-03	80	80	02-Jan-24	22-Apr-24	214	Subcontract - Audio / Visual, 26-03																															
PRC1340	Subcontract - Metal Framing & Gympsum, 09-01	80	80	02-Jan-24	22-Apr-24	221	Subcontract - Metal Framing & Gympsum, 09-01																															
PRC1350	Subcontract - Stone / Ceramic / Porcelain Tile, 09-02	80	80	02-Jan-24	22-Apr-24	221	Subcontract - Stone / Ceramic / Porcelain Tile, 09-02																															
PRC1410	Subcontract - Fire Suppression, 21-01	80	80	02-Jan-24	22-Apr-24	226	Subcontract - Fire Suppression, 21-01																															
PRC1440	Subcontract - Fire Alarm, 28-01	80	80	02-Jan-24	22-Apr-24	239	Subcontract - Fire Alarm, 28-01																															
PRC1360	Subcontract - Acoustical Ceiling Tile, 09-03	80	80	02-Jan-24	22-Apr-24	339	Subcontract - Acoustical Ceiling Tile, 09-03																															
PRC1380	Subcontract - Paintings & Coatings, 09-05	80	80	02-Jan-24	22-Apr-24	344	Subcontract - Paintings & Coatings, 09-05																															
PRC1370	Subcontract - Resilient Flooring, 09-04	80	80	02-Jan-24	22-Apr-24	356	Subcontract - Resilient Flooring, 09-04																															
PRC1390	Subcontract - Signage, 10-01	80	80	02-Jan-24	22-Apr-24	366	Subcontract - Signage, 10-01																															
PRC1060	Subcontract - Plumbing (WPF), 22-01	60	60	16-Jan-24	08-Apr-24	57	Subcontract - Plumbing (WPF), 22-01																															
Long Lead Equipment							18-Jun-25, Long Lead Equipment																															
Submittal, Review (15wd), Fabrication & Delivery							18-Jun-25, Submittal, Review (15wd), Fabrication & Delivery																															
WPF (Submit/Fabricate/Deliver)							21-May-25, WPF (Submit/Fabricate/Deliver)																															
SFD-2880	SFD - Sitework (WPF)	30	30	30-Jan-24	11-Mar-24	7	SFD - Sitework (WPF)																															
SFD-2905	SFD - Yard Pipe - 12" DIP for Waterline Replacement	40	40	30-Jan-24	25-Mar-24	0	SFD - Yard Pipe - 12" DIP for Waterline Replacement																															
SFD-2830	SFD - Cast-In-Place Concrete (WRF)	40	40	30-Jan-24	25-Mar-24	17	SFD - Cast-In-Place Concrete (WRF)																															
SFD-2900	S/R - Fencing & Gates (WRF & Park)	40	40	30-Jan-24	25-Mar-24	144	S/R - Fencing & Gates (WRF & Park)																															
SFD1260	SFD - Low Voltage Electrical Materials	60	60	30-Jan-24	22-Apr-24	119	SFD - Low Voltage Electrical Materials																															
SFD1130	SFD - Aerial Crossing Piles	100	75	30-Jan-24	13-May-24	203	SFD - Aerial Crossing Piles																															
SFD-1130	SFD - Strainers & Static Mixers	185	185	30-Jan-24	17-Oct-24	130	SFD - Strainers & Static Mixers																															
SFD1250	SFD - HVAC	50	50	06-Feb-24	15-Apr-24	290	SFD - HVAC																															
SFD-15621	Fab & Deliver - Entry Gate (WRF)	50	50	06-Feb-24	15-Apr-24	391	Fab & Deliver - Entry Gate (WRF)																															
SFD1070	SFD - Electrical Gear (60w)	300	300	13-Feb-24	16-Apr-25	52	SFD - Electrical Gear (60w)																															
SFD1050	SFD - Structural Steel (Bldg Col, Trusses, Roof, Canopy)	50	50	27-Feb-24	06-May-24	137	SFD - Structural Steel (Bldg Col, Trusses, Roof, Canopy)																															
SFD-15641	SFD - Doors, Windows, Storefront, Louvers	220	220	05-Mar-24	15-Jan-25	144	SFD - Doors, Windows, Storefront, Louvers																															
PRC1500	SFD - Overhead Coiling Doors, 08-02	60	60	26-Mar-24	18-Jun-24	240	SFD - Overhead Coiling Doors, 08-02																															
SFD1230	SFD - Process Piping & Building North Pipe Trench (MF/JF) (Generic Activity)	80	80	26-Mar-24	17-Jul-24	205	SFD - Process Piping & Building North Pipe Trench (MF/JF) (Generic Activity)																															

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Actual Work
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 Summary

PROGRESSIVE DESIGN-BUILD GMP SCHEDULE (Contract)

DETAILED SCHEDULE BY WBS





GREEN CAY PHASE 2 PROGRESSIVE DESIGN-BUILD
WUD PROJECT NO. 20-036, PACKAGE ID NO. TR08
PALM BEACH COUNTY, FLORIDA

Run Date: 13-Nov-23 13:38

Activity ID	Activity Name	Orig Dur (WDs)	Rem Dur	Start	Finish	Total Float	Gantt Chart																											
							2024				2025				2026				2027				2028				2029							
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
SFD1060	SFD - Chemical Tanks (EQ, Permeate)	80	80	26-Mar-24	17-Jul-24	212	[Gantt bar for SFD - Chemical Tanks (EQ, Permeate)]																											
SFD1240	SFD - Process Piping & Building South Pipe Trench (RO) (Generic Activitiy)	80	80	26-Mar-24	17-Jul-24	225	[Gantt bar for SFD - Process Piping & Building South Pipe Trench (RO) (Generic Activitiy)]																											
SFD-15540	SFD - Prefabricated Chem Canopy	80	80	26-Mar-24	17-Jul-24	270	[Gantt bar for SFD - Prefabricated Chem Canopy]																											
SFD1100	SFD - Chemical Totes, Chemical Storage Area	80	80	26-Mar-24	17-Jul-24	282	[Gantt bar for SFD - Chemical Totes, Chemical Storage Area]																											
SFD1090	SFD - Chemical Metering Pump(s) Skids, Chemical Storage Area	80	80	26-Mar-24	17-Jul-24	283	[Gantt bar for SFD - Chemical Metering Pump(s) Skids, Chemical Storage Area]																											
SFD1040	SFD - AOP Treatment Process	120	120	26-Mar-24	12-Sep-24	155	[Gantt bar for SFD - AOP Treatment Process]																											
SFD1030	SFD - UV Reactor System	120	120	26-Mar-24	12-Sep-24	165	[Gantt bar for SFD - UV Reactor System]																											
SFD1110	SFD - Chemical Cleaning (Sulfuric Acid) Tanks, Chemical Storage Area	175	175	26-Mar-24	02-Dec-24	190	[Gantt bar for SFD - Chemical Cleaning (Sulfuric Acid) Tanks, Chemical Storage Area]																											
SFD1140	SFD - UV-AOP Package	275	275	26-Mar-24	23-Apr-25	10	[Gantt bar for SFD - UV-AOP Package]																											
SFD1010	SFD - RO Treatment Train System (MF)	295	295	26-Mar-24	21-May-25	2	[Gantt bar for SFD - RO Treatment Train System (MF)]																											
SFD1270	SFD - RO Feed Pumps	295	295	26-Mar-24	21-May-25	16	[Gantt bar for SFD - RO Feed Pumps]																											
SFD-2890	SFD - Plumbing (WPF)	40	40	09-Apr-24	04-Jun-24	57	[Gantt bar for SFD - Plumbing (WPF)]																											
SFD-2910	S/R - Asphalt Paving Submittal	40	40	23-Apr-24	18-Jun-24	291	[Gantt bar for S/R - Asphalt Paving Submittal]																											
SFD1120	SFD - Paintings & Coatings (Process & Park), 09-05	60	60	23-Apr-24	17-Jul-24	212	[Gantt bar for SFD - Paintings & Coatings (Process & Park), 09-05]																											
SFD-2915	SFD - Metal Framing & Gympsum	60	60	23-Apr-24	17-Jul-24	221	[Gantt bar for SFD - Metal Framing & Gympsum]																											
SFD-1445	SFD - Fire Alarm	80	80	23-Apr-24	14-Aug-24	239	[Gantt bar for SFD - Fire Alarm]																											
SFD-1345	SFD - Stone / Ceramic / Porcelain Tile	80	80	23-Apr-24	14-Aug-24	276	[Gantt bar for SFD - Stone / Ceramic / Porcelain Tile]																											
SFD-15631	SFD - Misc. Metals, WPF	100	100	23-Apr-24	12-Sep-24	194	[Gantt bar for SFD - Misc. Metals, WPF]																											
SFD-1405	SFD - Restroom & Locker Accessories	120	120	23-Apr-24	10-Oct-24	161	[Gantt bar for SFD - Restroom & Locker Accessories]																											
SFD-1435	Subcontract - Audio / Visual	120	120	23-Apr-24	10-Oct-24	214	[Gantt bar for Subcontract - Audio / Visual]																											
SFD1080	SFD - Roto	120	120	23-Apr-24	10-Oct-24	413	[Gantt bar for SFD - Roto]																											
Park (Submit/Fabricate/Deliver)		170	170	30-Jan-24	26-Sep-24	236	[Summary bar for Park (Submit/Fabricate/Deliver)]																											
PRK-SFD-1551	SFD - Drainage RCP & Structures	60	60	30-Jan-24	22-Apr-24	40	[Gantt bar for SFD - Drainage RCP & Structures]																											
PRK-SFD-1561	SFD - Entry Box Culvert	60	60	30-Jan-24	22-Apr-24	241	[Gantt bar for SFD - Entry Box Culvert]																											
PRK-SFD-1561	Fab & Deliver - Entry Gate (Park)	5	5	26-Mar-24	01-Apr-24	144	[Gantt bar for Fab & Deliver - Entry Gate (Park)]																											
PRK-SFD-1561	SFD - Signage, Park	5	5	26-Mar-24	01-Apr-24	331	[Gantt bar for SFD - Signage, Park]																											
PRK-SFD-1561	SFD - Access Control	5	5	26-Mar-24	01-Apr-24	346	[Gantt bar for SFD - Access Control]																											
PRK-SFD-1551	SFD - Wet Well Recirculation Pump Station Precast Structure	60	60	26-Mar-24	18-Jun-24	54	[Gantt bar for SFD - Wet Well Recirculation Pump Station Precast Structure]																											
PRK-SFD-1561	SFD - Fire Alarm System, Park Bathroom Bldg	80	80	26-Mar-24	17-Jul-24	286	[Gantt bar for SFD - Fire Alarm System, Park Bathroom Bldg]																											
PRK-SFD-1551	SFD - Prefabricated Park Canopy Pavilions	100	100	26-Mar-24	14-Aug-24	144	[Gantt bar for SFD - Prefabricated Park Canopy Pavilions]																											
PRK-SFD-1551	SFD - Prefabricated Precast Concrete Building, Park Restroom Bldg	120	120	26-Mar-24	12-Sep-24	99	[Gantt bar for SFD - Prefabricated Precast Concrete Building, Park Restroom Bldg]																											
PRK-SFD-1561	S/R - Fire Suppression Shop Drawings, Park Bathroom Bldg	60	60	23-Apr-24	17-Jul-24	226	[Gantt bar for S/R - Fire Suppression Shop Drawings, Park Bathroom Bldg]																											
PRK-SFD-1551	SFD - RW-DI Pipe for Production Well Main, Laterals, & Appurtances	60	60	23-Apr-24	17-Jul-24	276	[Gantt bar for SFD - RW-DI Pipe for Production Well Main, Laterals, & Appurtances]																											
PRK-SFD-1561	SFD - Shell Cap Landscape Boulders	80	80	23-Apr-24	14-Aug-24	65	[Gantt bar for SFD - Shell Cap Landscape Boulders]																											
PRK-SFD-1561	SFD - Misc. Metals, Park	100	100	23-Apr-24	12-Sep-24	216	[Gantt bar for SFD - Misc. Metals, Park]																											
PRK-DEL-15641	Fab/Deliver - Fire Suppression System, Park Bathroom Bldg	50	50	18-Jul-24	26-Sep-24	226	[Gantt bar for Fab/Deliver - Fire Suppression System, Park Bathroom Bldg]																											
Transmission Main & Wells (Submit/Fabricate/Deliver)		100	100	30-Jan-24	18-Jun-24	296	[Summary bar for Transmission Main & Wells (Submit/Fabricate/Deliver)]																											
PRK-2910	SFD - Buried Pipelines (Offsite & Park)	60	60	30-Jan-24	22-Apr-24	176	[Gantt bar for SFD - Buried Pipelines (Offsite & Park)]																											
PRK-2840	SFD - Well Drilling & Construction	60	60	27-Feb-24	20-May-24	106	[Gantt bar for SFD - Well Drilling & Construction]																											
PRK-SFD-1551	SFD - Production Well Concrete Slab / Reinforcing Fab & Deliver	60	60	26-Mar-24	18-Jun-24	296	[Gantt bar for SFD - Production Well Concrete Slab / Reinforcing Fab & Deliver]																											
I&C / SCADA		314	314	26-Mar-24	18-Jun-25	62	[Summary bar for I&C / SCADA]																											
SFD1150	SFD - SCADA & Automation RFI Period	5	5	26-Mar-24	01-Apr-24	191	[Gantt bar for SFD - SCADA & Automation RFI Period]																											
SFD1160	SFD - SCADA & Automation Design	80	80	02-Apr-24	24-Jul-24	191	[Gantt bar for SFD - SCADA & Automation Design]																											
SFD1170	SFD - SCADA & Automation - Fabrication	60	60	25-Jul-24	17-Oct-24	191	[Gantt bar for SFD - SCADA & Automation - Fabrication]																											
SFD1180	SFD - SCADA & Automation - FAT	5	5	18-Oct-24	24-Oct-24	191	[Gantt bar for SFD - SCADA & Automation - FAT]																											
SFD1190	SFD - SCADA & Automation - Delivery	5	5	25-Oct-24	31-Oct-24	191	[Gantt bar for SFD - SCADA & Automation - Delivery]																											
SFD1200	SFD - SCADA & Automation - Hardware Install	5	5	01-Nov-24	07-Nov-24	191	[Gantt bar for SFD - SCADA & Automation - Hardware Install]																											

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Actual Work
 Remaining Work
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PROGRESSIVE DESIGN-BUILD GMP SCHEDULE (Contract)

DETAILED SCHEDULE BY WBS





GREEN CAY PHASE 2 PROGRESSIVE DESIGN-BUILD
WUD PROJECT NO. 20-036, PACKAGE ID NO. TR08
PALM BEACH COUNTY, FLORIDA

Run Date: 13-Nov-23 13:38

Activity ID	Activity Name	Orig Dur (WDs)	Rem Dur	Start	Finish	Total Float	2024												2025				2026				2027				2028				2029			
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
Calcium Chloride Tank (TK-7600)							10-Sep-25, Calcium Chloride Tank (TK-7600)																															
CSA-7600.10	Set & Level Calcium Chloride Tank (TK-7600)	2	2	23-Jan-25	24-Jan-25	149	Set & Level Calcium Chloride Tank (TK-7600)																															
CSA-7600.20	Install Metering Pumps No 1&2, Calcium Chloride System	1	1	27-Jan-25	27-Jan-25	149	Install Metering Pumps No 1&2, Calcium Chloride System																															
CSA-7600.30	Install Process Piping & Pressure Testing, Calcium Chloride System	4	4	28-Jan-25	31-Jan-25	149	Install Process Piping & Pressure Testing, Calcium Chloride System																															
CSA-7600.35	Install Tank Vent, Calcium Chloride System	1	1	03-Feb-25	03-Feb-25	152	Install Tank Vent, Calcium Chloride System																															
CSA-7600.33	Install 3" CC-PVC from Tank to Fill Station, Calcium Chloride System	1	1	03-Feb-25	03-Feb-25	156	Install 3" CC-PVC from Tank to Fill Station, Calcium Chloride System																															
CSA-7600.50	Rough-in Electrical, Calcium Chloride System	2	2	03-Feb-25	04-Feb-25	149	Rough-in Electrical, Calcium Chloride System																															
CSA-7600.55	Pull Elec Wire & Terminations, Calcium Chloride System	2	2	05-Feb-25	06-Feb-25	149	Pull Elec Wire & Terminations, Calcium Chloride System																															
CSA-7600.75	Install Structural Supports & Grating, Calcium Chloride System	3	3	05-Feb-25	07-Feb-25	153	Install Structural Supports & Grating, Calcium Chloride System																															
CSA-7600.60	Install I&C, Pull Cable & Terminate, Calcium Chloride System	2	2	07-Feb-25	10-Feb-25	149	Install I&C, Pull Cable & Terminate, Calcium Chloride System																															
CSA-7600.90	Electrical Checkout, Calcium Chloride System	2	2	05-Sep-25	08-Sep-25	4	Electrical Checkout, Calcium Chloride System																															
CSA-7600.95	I&C Calibration / Loop Check, Calcium Chloride System	1	1	09-Sep-25	09-Sep-25	4	I&C Calibration / Loop Check, Calcium Chloride System																															
CSA-7600.99	Pre-commission, Calcium Chloride System	1	1	10-Sep-25	10-Sep-25	4	Pre-commission, Calcium Chloride System																															
Sodium Hydroxide Tank (TK-7400)							10-Sep-25, Sodium Hydroxide Tank (TK-7400)																															
CSA-7400.10	Set & Level Sodium Hydroxide Tank (TK-7400)	2	2	16-Jan-25	17-Jan-25	151	Set & Level Sodium Hydroxide Tank (TK-7400)																															
CSA-7400.20	Install Metering Pumps No 1/2, 3/4, 5/6, Sodium Hydroxide System	2	2	20-Jan-25	21-Jan-25	151	Install Metering Pumps No 1/2, 3/4, 5/6, Sodium Hydroxide System																															
CSA-7400.30	Install Process Piping & Pressure Testing, Sodium Hydroxide System	5	5	22-Jan-25	28-Jan-25	151	Install Process Piping & Pressure Testing, Sodium Hydroxide System																															
CSA-7400.35	Install Tank Vent, Sodium Hydroxide System	1	1	29-Jan-25	29-Jan-25	159	Install Tank Vent, Sodium Hydroxide System																															
CSA-7400.50	Rough-in Electrical, Sodium Hydroxide System	3	3	29-Jan-25	31-Jan-25	151	Rough-in Electrical, Sodium Hydroxide System																															
CSA-7400.33	Install 3" CC-PVC from Tank to Fill Station, Sodium Hydroxide System	1	1	03-Feb-25	03-Feb-25	156	Install 3" CC-PVC from Tank to Fill Station, Sodium Hydroxide System																															
CSA-7400.55	Pull Elec Wire & Terminations, Sodium Hydroxide System	2	2	03-Feb-25	04-Feb-25	151	Pull Elec Wire & Terminations, Sodium Hydroxide System																															
CSA-7400.75	Install Structural Supports & Grating, Sodium Hydroxide System	3	3	03-Feb-25	05-Feb-25	155	Install Structural Supports & Grating, Sodium Hydroxide System																															
CSA-7400.60	Install I&C, Pull Cable & Terminate, Sodium Hydroxide System	2	2	05-Feb-25	06-Feb-25	151	Install I&C, Pull Cable & Terminate, Sodium Hydroxide System																															
CSA-7400.90	Electrical Checkout, Sodium Hydroxide System	2	2	05-Sep-25	08-Sep-25	4	Electrical Checkout, Sodium Hydroxide System																															
CSA-7400.95	I&C Calibration / Loop Check, Sodium Hydroxide System	1	1	09-Sep-25	09-Sep-25	4	I&C Calibration / Loop Check, Sodium Hydroxide System																															
CSA-7400.99	Pre-commission, Calcium Chloride System (TK-7400)	1	1	10-Sep-25	10-Sep-25	4	Pre-commission, Calcium Chloride System (TK-7400)																															
Sodium Hypochlorite Tank (TK-7100)							10-Sep-25, Sodium Hypochlorite Tank (TK-7100)																															
CSA-7100.10	Set & Level Sodium Hydrochlorite Tank (TK-7100)	2	2	16-Jan-25	17-Jan-25	150	Set & Level Sodium Hydrochlorite Tank (TK-7100)																															
CSA-7100.20	Install Metering Pumps No 1/2, 3/4, 5/6, Sodium Hypochlorite System	3	3	20-Jan-25	22-Jan-25	150	Install Metering Pumps No 1/2, 3/4, 5/6, Sodium Hypochlorite System																															
CSA-7100.30	Install Process Piping & Pressure Testing, Sodium Hypochlorite System	5	5	23-Jan-25	29-Jan-25	150	Install Process Piping & Pressure Testing, Sodium Hypochlorite System																															
CSA-7100.35	Install Tank Vent, Sodium Hypochlorite System	1	1	30-Jan-25	30-Jan-25	156	Install Tank Vent, Sodium Hypochlorite System																															
CSA-7100.33	Install 3" CC-PVC from Tank to Fill Station, Sodium Hypochlorite System	1	1	30-Jan-25	30-Jan-25	158	Install 3" CC-PVC from Tank to Fill Station, Sodium Hypochlorite System																															
CSA-7100.50	Rough-in Electrical, Sodium Hypochlorite System	3	3	30-Jan-25	03-Feb-25	150	Rough-in Electrical, Sodium Hypochlorite System																															
CSA-7100.55	Pull Elec Wire & Terminations, Sodium Hypochlorite System	2	2	04-Feb-25	05-Feb-25	150	Pull Elec Wire & Terminations, Sodium Hypochlorite System																															
CSA-7100.75	Install Structural Supports & Grating, Sodium Hypochlorite System	3	3	04-Feb-25	06-Feb-25	154	Install Structural Supports & Grating, Sodium Hypochlorite System																															
CSA-7100.60	Install I&C, Pull Cable & Terminate, Sodium Hypochlorite System	2	2	06-Feb-25	07-Feb-25	150	Install I&C, Pull Cable & Terminate, Sodium Hypochlorite System																															
CSA-7100.90	Electrical Checkout, Sodium Hypochlorite System	2	2	05-Sep-25	08-Sep-25	4	Electrical Checkout, Sodium Hypochlorite System																															
CSA-7100.95	I&C Calibration / Loop Check, Sodium Hypochlorite System	1	1	09-Sep-25	09-Sep-25	4	I&C Calibration / Loop Check, Sodium Hypochlorite System																															
CSA-7100.99	Pre-commission, Sodium Hypochlorite System (TK-7100)	1	1	10-Sep-25	10-Sep-25	4	Pre-commission, Sodium Hypochlorite System (TK-7100)																															
Chem Storage - Area 2 Systems (Col 1-6/A-B)							12-Sep-25, Chem Storage - Area 2 Systems (Col 1-6/A-B)																															
RO CIP Neutralization Tank (TK-6500)							10-Sep-25, RO CIP Neutralization Tank (TK-6500)																															
CSA-6500.10	Set & Level RO CIP Neutralization Tank (TK-6500)	2	2	17-Dec-24	18-Dec-24	170	Set & Level RO CIP Neutralization Tank (TK-6500)																															
CSA-6500.20	Install RO CIP Pump, RO CIP Neutralization Tank	3	3	19-Dec-24	23-Dec-24	170	Install RO CIP Pump, RO CIP Neutralization Tank																															
CSA-6500.15	Set & Level Cartridge Filter, RO CIP Neutralization System	5	5	19-Dec-24	26-Dec-24	172	Set & Level Cartridge Filter, RO CIP Neutralization System																															
CSA-6500.30	Process Piping RO CIP Pump to Tank, Pressure Testing, RO CIP Neutralization System	5	5	24-Dec-24	31-Dec-24	170	Process Piping RO CIP Pump to Tank, Pressure Testing, RO CIP Neutralization System																															
CSA-6500.31	Piping Cartridge Filter to Tank Piping, Pressure Testing, RO CIP Neutralization System	4	4	27-Dec-24	02-Jan-25	172	Piping Cartridge Filter to Tank Piping, Pressure Testing, RO CIP Neutralization System																															
CSA-6500.35	Install Tank Vent, RO CIP Neutralization Tank	1	1	02-Jan-25	02-Jan-25	176	Install Tank Vent, RO CIP Neutralization Tank																															

P6 ID RPT: 265694-GMP.60pct-PH2-3
 Date Date: 17-Sep-23
 LT: GreenCay - GMP Exhibit - By WBS (TF)

PROGRESSIVE DESIGN-BUILD GMP SCHEDULE (Contract)

DETAILED SCHEDULE BY WBS





GREEN CAY PHASE 2 PROGRESSIVE DESIGN-BUILD

WUD PROJECT NO. 20-036, PACKAGE ID NO. TR08

PALM BEACH COUNTY, FLORIDA

Run Date: 13-Nov-23 13:38

Activity ID, Activity Name, Orig Dur (WDs), Rem Dur, Start, Finish, Total Float, 2024 (Q4, Q1, Q2, Q3, Q4), 2025 (Q1, Q2, Q3, Q4), 2026 (Q1, Q2, Q3, Q4), 2027 (Q1, Q2, Q3, Q4), 2028 (Q1, Q2, Q3, Q4), 2029 (Q1, Q2, Q3, Q4)

P6 ID RPT: 265694-GMP.60pct-PH2-3
Date Date: 17-Sep-23
LT: GreenCay - GMP Exhibit - By WBS (TF)

Legend for work types: Actual Work, Remaining Work, Critical Remaining Work, Milestone, Summary

PROGRESSIVE DESIGN-BUILD GMP SCHEDULE (Contract)

DETAILED SCHEDULE BY WBS

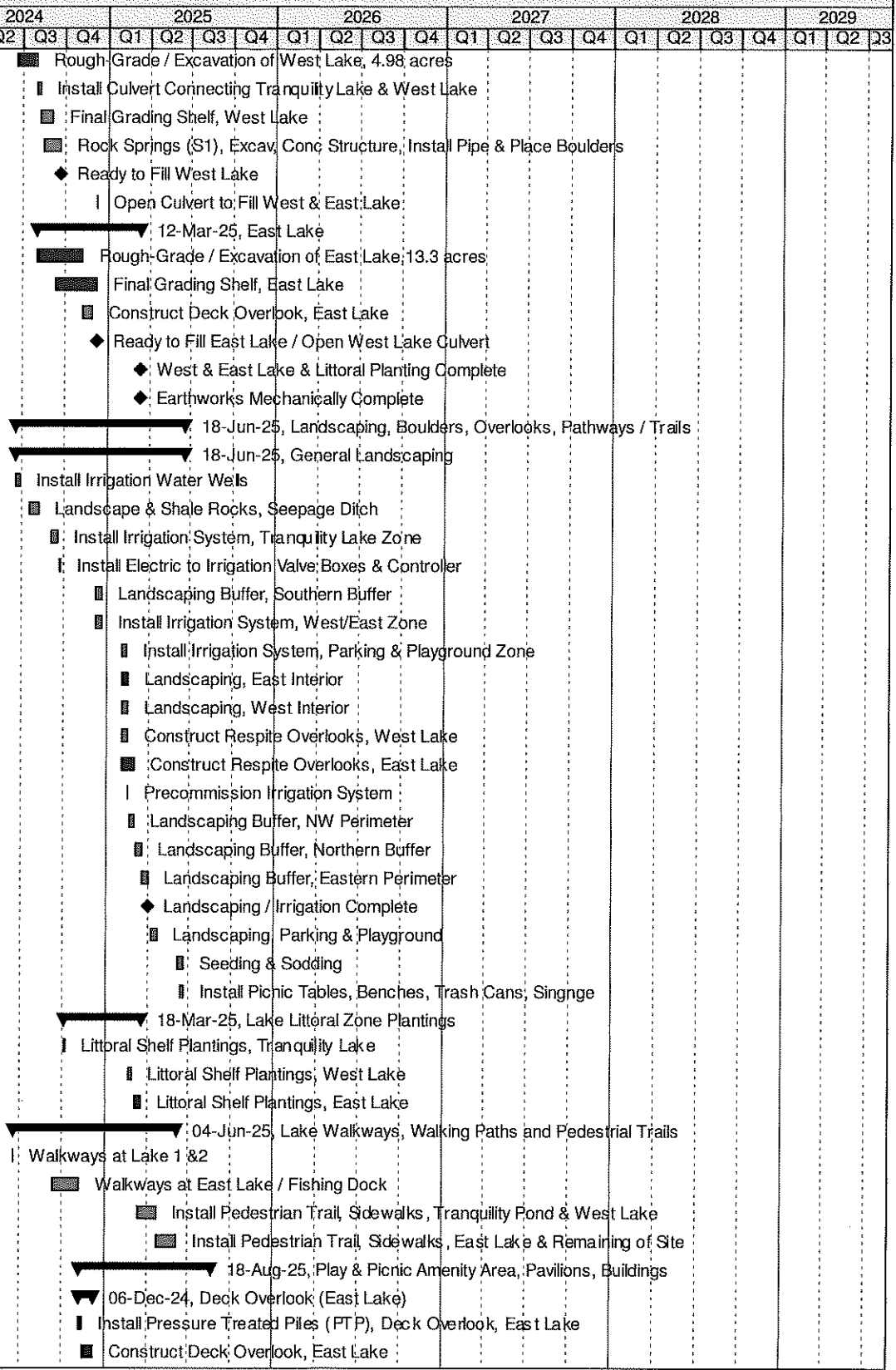




GREEN CAY PHASE 2 PROGRESSIVE DESIGN-BUILD
 WUD PROJECT NO. 20-036, PACKAGE ID NO. TR08
 PALM BEACH COUNTY, FLORIDA

Run Date: 13-Nov-23 13:38

Activity ID	Activity Name	Orig Dur (WDs)	Rem Dur	Start	Finish	Total Float	2024-2029																							
							2024				2025				2026				2027				2028				2029			
							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
PRK-2060	Rough-Grade / Excavation of West Lake, 4.98 acres	30	30	18-Jun-24	30-Jul-24	0																								
PRK-2190	Install Culvert Connecting Tranquility Lake & West Lake	5	5	31-Jul-24	06-Aug-24	65																								
PRK-2100	Final Grading Shelf, West Lake	20	20	07-Aug-24	04-Sep-24	65																								
PRK-3020	Rock Springs (S1), Excav, Conc Structure, Install Pipe & Place Boulders	25	25	15-Aug-24	19-Sep-24	112																								
PRK-2210	Ready to Fill West Lake	0	0	20-Sep-24		112																								
PRK-2200	Open Culvert to Fill West & East Lake	1	1	09-Dec-24	09-Dec-24	58																								
East Lake		155	155	31-Jul-24	12-Mar-25	0																								
PRK-2070	Rough-Grade / Excavation of East Lake, 13.3 acres	70	70	31-Jul-24	06-Nov-24	0																								
PRK-2110	Final Grading Shelf, East Lake	60	60	12-Sep-24	06-Dec-24	0																								
PRK-3040	Construct Deck Overlook, East Lake	15	15	07-Nov-24	27-Nov-24	5																								
PRK-3170	Ready to Fill East Lake / Open West Lake Culvert	0	0	09-Dec-24		58																								
PRK-2130	West & East Lake & Littoral Planting Complete	0	0		12-Mar-25	0																								
PRK-2850	Earthworks Mechanically Complete	0	0		12-Mar-25	0																								
Landscaping, Boulders, Overlooks, Pathways / Trails		255	255	18-Jun-24	18-Jun-25	42																								
General Landscaping		255	255	18-Jun-24	18-Jun-25	42																								
PRK-2745	Install Irrigation Water Wells	8	8	18-Jun-24	27-Jun-24	132																								
PRK-2970	Landscape & Shale Rocks, Seepage Ditch	15	15	17-Jul-24	06-Aug-24	212																								
PRK-2750	Install Irrigation System, Tranquility Lake Zone	10	10	05-Sep-24	18-Sep-24	85																								
PRK-2755	Install Electric to Irrigation Valve Boxes & Controller	3	3	19-Sep-24	23-Sep-24	217																								
PRK-2640	Landscaping Buffer, Southern Buffer	10	10	09-Dec-24	20-Dec-24	30																								
PRK-2760	Install Irrigation System, West/East Zone	10	10	09-Dec-24	20-Dec-24	30																								
PRK-2770	Install Irrigation System, Parking & Playground Zone	10	10	03-Feb-25	14-Feb-25	117																								
PRK-2800	Landscaping, East Interior	10	10	05-Feb-25	18-Feb-25	0																								
PRK-2670	Landscaping, West Interior	10	10	05-Feb-25	18-Feb-25	9																								
PRK-2950	Construct Respite Overlooks, West Lake	10	10	05-Feb-25	18-Feb-25	9																								
PRK-2960	Construct Respite Overlooks, East Lake	20	20	05-Feb-25	04-Mar-25	0																								
PRK-2940	Precommission Irrigation System	2	2	17-Feb-25	18-Feb-25	117																								
PRK-2680	Landscaping Buffer, NW Perimeter	10	10	19-Feb-25	04-Mar-25	67																								
PRK-2690	Landscaping Buffer, Northern Buffer	10	10	05-Mar-25	18-Mar-25	67																								
PRK-2700	Landscaping Buffer, Eastern Perimeter	10	10	19-Mar-25	01-Apr-25	87																								
PRK-2820	Landscaping / Irrigation Complete	0	0		01-Apr-25	87																								
PRK-2780	Landscaping, Parking & Playground	10	10	09-Apr-25	22-Apr-25	72																								
PRK-2860	Seeding & Sodding	10	10	05-Jun-25	18-Jun-25	42																								
PRK-2790	Install Picnic Tables, Benches, Trash Cans, Singnge	5	5	12-Jun-25	18-Jun-25	42																								
Lake Littoral Zone Plantings		115	115	03-Oct-24	18-Mar-25	0																								
PRK-2880	Littoral Shelf Plantings, Tranquility Lake	4	4	03-Oct-24	08-Oct-24	106																								
PRK-2520	Littoral Shelf Plantings, West Lake	6	6	19-Feb-25	26-Feb-25	9																								
PRK-2510	Littoral Shelf Plantings, East Lake	10	10	05-Mar-25	18-Mar-25	0																								
Lake Walkways, Walking Paths and Pedestrial Trails		245	245	18-Jun-24	04-Jun-25	42																								
PRK-2720	Walkways at Lake 1 & 2	0	0	18-Jun-24	18-Jun-24	145																								
PRK-2730	Walkways at East Lake / Fishing Dock	40	40	12-Sep-24	06-Nov-24	85																								
PRK-2650	Install Pedestrian Trail, Sidewalks, Tranquility Pond & West Lake	30	30	12-Mar-25	22-Apr-25	42																								
PRK-2660	Install Pedestrian Trail, Sidewalks, East Lake & Remaining of Site	30	30	23-Apr-25	04-Jun-25	42																								
Play & Picnic Amenity Area, Pavilions, Buildings		197	197	07-Nov-24	18-Aug-25	25																								
Deck Overlook (East Lake)		20	20	07-Nov-24	06-Dec-24	0																								
PRK-4010	Install Pressure Treated Piles (PTP), Deck Overlook, East Lake	5	5	07-Nov-24	13-Nov-24	0																								
PRK-4020	Construct Deck Overlook, East Lake	15	15	14-Nov-24	06-Dec-24	0																								



■ Actual Work

 ▨ Remaining Work

 ▤ Critical Remaining Work

 ◆ Milestone

 ◀ Summary



ATTACHMENT D – GENERAL CONDITIONS

GC 54 is replaced in its entirety with the following:

54. Progress Payment Procedures

The Design-Builder shall prepare a Schedule of Values by phases of work to show a breakdown of the Contract Sum corresponding to the payment request breakdown and progress schedule line items. The Schedule of Values must also show the projected dollar value for each unit of work scheduled. Change Orders shall be added as separate line items. The Schedule of Values shall be submitted to the County for review and approval prior to “Commencement of Work.”

The Schedule of Values shall include line items for a five percent (5%) mobilization value for each the following items:

1. General Conditions; and,
2. Design-Builder Self-Perform Construction Activities.

The General Conditions costs will be considered as a line item for the following items (breakdown required).

1. Design-Builder’s field office personnel (full-time on-site).
2. Construction office and storage facilities.
3. Utilities required to sustain field office and sanitary facilities.
4. Electrical power and water for construction.
5. Bonds and insurance.

Progress Payments for General Conditions will be based on the percentage of work completed to date, except Bonds and Insurance which may be requested in full. Separate payments for shop drawings and deposits for materials will not be allowed unless specifically required by the equipment supplier or subcontractor. Prior to initial payment request, the following must be submitted and approved by the County:

1. List of principal Subcontractors and Suppliers.
2. Schedule of values.
3. Shop drawing log.
4. Construction baseline schedule.

The Design-Builder will prepare and submit three (3) original copies of monthly invoices for work completed during the one-month period. Pay Applications shall be submitted in the format and wording of the form contained in Attachment K, Miscellaneous Documents / Forms. All information must be completed for the Pay Application to be accepted. County’s account number(s) for the project will be given at the Pre-Construction meeting and will be placed at the top right-hand corner of each application. These Payment Applications will be reviewed by the parties in attendance at the monthly Pay Application meetings. Prior to formal submission of the Pay Application, the Design-Builder shall submit a rough draft plus two extra copies for the

County to review. The Design-Builder shall submit four (4) final approved copies of the Pay Application to the County.

If the Pay Application and supporting data are not approved, the Design-Builder is required to submit new, revised or missing information for the Pay Application according to the County's written instructions. Otherwise, the Design-Builder shall prepare and submit to the County an invoice in accordance with the Pay Application as approved. County will pay Design-Builder, in accordance with Local Government Prompt Payment Act (Section 218.70 et. seq., Florida Statutes) (hereinafter, "the Act"). County shall provide Design-Builder with a written notice of disputed pay request within ten (10) business days after receipt of such Pay Application which clearly identifies any and all deficiencies in Design-Builder's Pay Application that will prevent prompt processing and issuance of payment. To the extent there is an undisputed portion of the Pay Application that can be paid, the County shall proceed with prompt payment of that portion of the Pay Application. Retainage, in the amount of 5%, will be withheld on the calculated value of any Work, with the exception of Final Design, Engineering Services During Construction, and ROTO detail design media pre-production, which shall have no retainage withheld. Retainage will be released to Design-Builder upon Substantial Completion. Notwithstanding any other provision herein, Design-Builder may request retainage reduction prior to Substantial Completion subject to mutual agreement of Owner. Stored materials shall be paid at the supplier's invoiced cost. Notwithstanding the foregoing, in no instance can the amount retained be less than the value of County's good faith claims plus the value of the Work the County determines remains to be put in place or required to be performed as remedial activities.

In the event any dispute with respect to any payment or pay request cannot be resolved between the Design-Builder and County's project staff, Design-Builder may, in accordance with the alternative dispute resolution requirements of the Act, demand in writing a meeting with and review by the Water Utilities Department Director. In the absence of the Water Utilities Department Director, the Water Utilities Department Deputy Director may conduct the meeting and review. Such meeting and review shall occur within ten (10) business days of receipt by County of Design-Builder's written demand. The Water Utilities Department Director, or Deputy Director, shall issue a written decision on the dispute within ten (10) business days of such meeting. This decision shall be deemed the County's final decision for the purposes of the Act.

Design-Builder must remit undisputed payment due for labor, services, or materials furnished by Subcontractors and Suppliers hired by the Design-Builder, within ten (10) business days after the Design-Builder's receipt of payment from the County pursuant to the Act. Design-Builder shall provide Subcontractors and Suppliers hired by Design-Builder with a written notice of disputed invoice within five (5) business days after receipt of said invoice which clearly states the reasons for the disputed invoice. In the event of Design-Builder's non-compliance with these payment provisions, Design-Builder shall be subject to any sanctions and penalties available under the terms of the Palm Beach County Equal Opportunity Ordinance, the Equal Business Opportunity Program Policies and Procedures, this Agreement, or by law.

Each application for payment shall be accompanied by the following:

1. A notarized "Affidavit of Disbursement of Previous Periodic Payments to Subcontractors" from the Design-Builder for the portion of work up to the date of that particular pay application.

-
2. OEBO Schedule 3 – Subcontractor Activity Form
 3. OEBO Schedule 4 – Subcontractor/Subconsultant Payment Certification Form
 4. A County approved construction schedule update.

ATTACHMENT E PUBLIC CONSTRUCTION BOND

PUBLIC CONSTRUCTION BOND

GREEN CAY PHASE 2 PROGRESSIVE DESIGN BUILD

RESOLUTION NO. R2021-1248 **Agreement Dated** September 14, 2021

PROJECT TITLE: Green Cay Phase 2 Progressive Design-Build

PBCWUD PROJECT NO.: 20-036

BOND NUMBER: 9417672 / 47-SUR-300035-01-0040

AGREEMENT/BOND AMOUNT: \$84,453,002.25

DESIGN-BUILDER'S NAME: CDM Constructors Inc.

DESIGN-BUILDER'S ADDRESS 75 State Street, Suite 701, Boston , MA 02109

DESIGN-BUILDER'S PHONE: 561-273-8858

SURETY COMPANY: Fidelity and Deposit Company of Maryland/Zurich American Insurance Company/Berkshire Hathaway Specialty Insurance Company

SURETY'S ADDRESS: 1299 ZURICH WAY, 5TH FLOOR, SCHAUMBURG, IL 60196 - 1056

1314 Douglas Street, Suite 1300, Omaha, NE 68102 - 1944

OWNER'S NAME: PALM BEACH COUNTY

OWNER'S ADDRESS: 8100 Forest Hill Boulevard
West Palm Beach, FL 33413

OWNER'S PHONE: (561) 493-6000

DESCRIPTION OF WORK: Completion of design services, procurement of all materials and equipment, performance of construction services, and the provision of warranty services for the Project, all as further described in Attachment A

PROJECT LOCATION: WPF located within SRWRF 3343

LEGAL DESCRIPTION: WPF located within SRWRF 33437, PCN 00-42-43-27-05-064-0730, Green Cay Phase 2 Park 6670 Flavor Pict Rd, Boynton Beach, FL 33437, PCN 00-42-46-03-18-003-0000

PUBLIC CONSTRUCTION BOND

This Bond is issued in favor of the County conditioned on the full and faithful performance of the Agreement Resolution No. R2021-1248 dated on September 14, 2021.

KNOW ALL MEN BY THESE PRESENTS: that Design-Builder and Surety, are held and firmly bound unto

Palm Beach County Board of County Commissioners
301 N. Olive Avenue
West Palm Beach, Florida 33401

as Obligee, herein called County, for the use and benefit of claimant as herein below defined, in the amount of

Eighty Four Million Four Hundred Fifty Three Thousand Two Dollars and 25 Cents (\$84,453,002.25)
(Here insert a sum equal to the Agreement/Bond Amount)

for the payment whereof Principal and Surety bind themselves, their heirs, personal representatives, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS,

Principal has by written agreement dated _____, 20____, entered into an Agreement Resolution No. R2021-1248 with the County for:

PBCWUD Project Name: Green Cay Phase 2 Progressive Design-Build Project
PBCWUD Project No.: 20-036

Project Description: Completion of design services, procurement of all materials and equipment, performance of construction services, and the provision of warranty services for the Project, all as further described in Attachment A

Project Location: WPF located within SRWRF 33437, PCN 00-42-43-27-05-064-0730, Green Cay Phase 2 Park 6670 Flavor Pict Rd, Boynton Beach, FL 33437, PCN 00-42-46-03-18-003-0000

in accordance with Design Criteria Drawings and Specifications prepared by

Name of Design Firm: CDM Constructors Inc.
Location of Firm: 75 State Street, Suite 701, Boston , MA 02109
Phone: 561-273-8858
Fax: 561-273-8858

which contract Resolution No. R2021-1248 is by reference made a part hereof in its entirety, and is hereinafter referred to as the Contract or Agreement.

1. THE CONDITION OF THIS BOND is that if Principal:

a. Performs the Agreement dated _____, 20____, between Principal and County for the design and construction of the above project, PBCWUD Project No. 20-036, being made a part of this bond by reference, at the times and in the manner prescribed in the Agreement; and

b. Promptly makes payments to all claimants, as defined in Section 255.05, Florida Statutes, supplying Principal with labor, materials, or supplies, used directly or indirectly by Principal in the prosecution of the work provided for in the Agreement; and

c. Pays County all losses, damages (including liquidated damages), expenses, costs, and attorneys' fees, including appellate proceedings, that County sustains because of a default by Principal under the Agreement; and

d. Perform the guarantee of all work and materials furnished under the Agreement for the time specified in the Agreement; then this bond is void; otherwise it remains in full force.

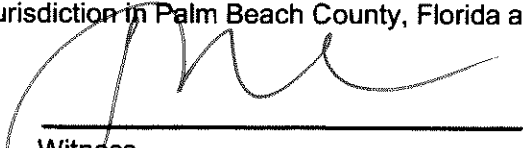
2. Any changes in or under the contract documents and compliance or noncompliance with any formalities connected with the Agreement or the changes does not affect Surety's obligation under this bond and Surety waives notice of such changes.

3. The amount of this bond shall be reduced by and to the extent of any payment or payments made in good faith hereunder, inclusive of the payment by Surety of construction liens which may be filed of record against said improvement, whether or not claim for the amount of such lien be presented under and against the bond.

4. Principal and Surety expressly acknowledge that any and all provisions relating to consequential, delay and liquidated damages contained in the Agreement are expressly covered by and made a part of this Performance, Labor and Material Payment Bond. Principal and Surety acknowledge that any such provisions lie within their obligations and within the policy coverage's and limitations of this instrument.

5. Section 255.05, Florida Statutes, as amended, together with all notice and time provisions contained therein, is incorporated herein, by reference, in its entirety. Any action instituted by a claimant under this bond for payment must be in accordance with the notice and time limitation provisions in Section 255.05(2), Florida Statutes. This instrument regardless of its form, shall be construed and deemed a statutory bond issued in accordance with Section 255.05, Florida Statutes.

6. Any action brought under this instrument shall be brought in the state court of competent jurisdiction in Palm Beach County, Florida and not elsewhere.



Witness

Suzanne E Mechler

Print name



Witness

Ellis Reid

Print name

CDM Constructors Inc.

Principal




Print name

President - Francesco M Terrasi

Title

Fidelity and Deposit Company of Maryland/Zurich American Insurance Company/Berkshire Hathaway Specialty Insurance Company

Surety (Seal)



Print name Michelle Anne McMahon

Attorney-In-Fact

Title



**ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND
POWER OF ATTORNEY**

KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Illinois, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Illinois (herein collectively called the "Companies"), by Robert D. Murray, Vice President, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint Kathryn PRYOR, Richard HACKNER, Jonathan GLEASON, Doritza MOJICA, Joshua SANFORD, Nicholas MILLER, Jennifer GODERE, Gentry STEWART, Michelle Anne MCMAHON, Sarah MURTHA, Connor WOLPERT, Amanda P. D ANGELO of Hartford, Connecticut, its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: **any and all bonds and undertakings**, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice-President has hereunto subscribed his/her names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 08th day of November, A.D. 2023.



ATTEST:
ZURICH AMERICAN INSURANCE COMPANY
COLONIAL AMERICAN CASUALTY AND SURETY COMPANY
FIDELITY AND DEPOSIT COMPANY OF MARYLAND

By: *Robert D. Murray*
Vice President

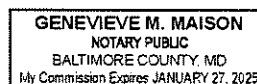
By: *Dawn E. Brown*
Secretary

**State of Maryland
County of Baltimore**

On this 8th day of November, A.D. 2023, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, **Robert D. Murray, Vice President and Dawn E. Brown, Secretary** of the Companies, to me personally known to be the individuals and officers described in and who executed the preceding instrument, and acknowledged the execution of same, and being by me duly sworn, deposeth and saith, that he/she is the said officer of the Company aforesaid, and that the seals affixed to the preceding instrument are the Corporate Seals of said Companies, and that the said Corporate Seals and the signature as such officer were duly affixed and subscribed to the said instrument by the authority and direction of the said Corporations.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my Official Seal the day and year first above written.

Genevieve M. Maison



Authenticity of this bond can be confirmed at bondvalidator.zurichna.com or 410-559-8790

EXTRACT FROM BY-LAWS OF THE COMPANIES

"Article V, Section 8. Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify or revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies, this _____ day of _____, _____.



Thomas O. McClellan
Vice President

TO REPORT A CLAIM WITH REGARD TO A SURETY BOND, PLEASE SUBMIT A COMPLETE DESCRIPTION OF THE CLAIM INCLUDING THE PRINCIPAL ON THE BOND, THE BOND NUMBER, AND YOUR CONTACT INFORMATION TO:

Zurich Surety Claims
1299 Zurich Way
Schaumburg, IL 60196-1056
reportsfclaims@zurichna.com
800-626-4577

Authenticity of this bond can be confirmed at bondvalidator.zurichna.com or 410-559-8790



Power Of Attorney

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY NATIONAL INDEMNITY COMPANY / NATIONAL LIABILITY & FIRE INSURANCE COMPANY

Know all men by these presents, that BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, a corporation existing under and by virtue of the laws of the State of Nebraska and having an office at One Lincoln Street, 23rd Floor, Boston, Massachusetts 02111, NATIONAL INDEMNITY COMPANY, a corporation existing under and by virtue of the laws of the State of Nebraska and having an office at 3024 Harney Street, Omaha, Nebraska 68131 and NATIONAL LIABILITY & FIRE INSURANCE COMPANY, a corporation existing under and by virtue of the laws of the State of Connecticut and having an office at 100 First Stamford Place, Stamford, Connecticut 06902 (hereinafter collectively the "Companies"), pursuant to and by the authority granted as set forth herein, do hereby name, constitute and appoint: Michelle Anne McMahon, Joshua Sanford, Danielle D. Johnson, Jynell Whitehead, Amanda D'Angelo, Gentry Stewart, Jennifer Godere, Rebecca Josephson, Kathryn Pryor, Jacqueline Susco, Nicholas Turecamo, 10 State House Square Floor 11 of the city of Hartford, State of Connecticut, their true and lawful attorney(s)-in-fact to make, execute, seal, acknowledge, and deliver, for and on their behalf as surety and as their act and deed, any and all undertakings, bonds, or other such writings obligatory in the nature thereof, in pursuance of these presents, the execution of which shall be as binding upon the Companies as if it has been duly signed and executed by their regularly elected officers in their own proper persons. This authority for the Attorney-in-Fact shall be limited to the execution of the attached bond(s) or other such writings obligatory in the nature thereof.

In witness whereof, this Power of Attorney has been subscribed by an authorized officer of the Companies, and the corporate seals of the Companies have been affixed hereto this date of August 24, 2023. This Power of Attorney is made and executed pursuant to and by authority of the Bylaws, Resolutions of the Board of Directors, and other Authorizations of BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, NATIONAL INDEMNITY COMPANY and NATIONAL LIABILITY & FIRE INSURANCE COMPANY, which are in full force and effect, each reading as appears on the back page of this Power of Attorney, respectively. The following seals of the Companies and signatures by an authorized officer of the Company may be affixed by facsimile or digital format, which shall be deemed the equivalent of and constitute the written signature of such officer of the Companies and original seals of the Companies for all purposes regarding this Power of Attorney, including satisfaction of any signature and seal requirements on any and all undertakings, bonds, or other such writings obligatory in the nature thereof, to which this Power of Attorney applies.

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY,

NATIONAL INDEMNITY COMPANY, NATIONAL LIABILITY & FIRE INSURANCE COMPANY,

[Signature of David Fields]

[Signature of David Fields]

By: David Fields, Executive Vice President

By: David Fields, Vice President

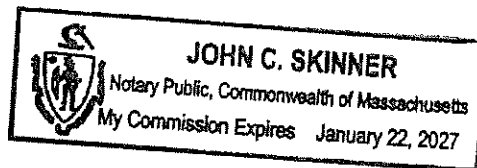


NOTARY

State of Massachusetts, County of Suffolk, ss:

On this 24th day of August, 2023, before me appeared David Fields, Executive Vice President of BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY and Vice President of NATIONAL INDEMNITY COMPANY and NATIONAL LIABILITY & FIRE INSURANCE COMPANY, who being duly sworn, says that his capacity is as designated above for such Companies; that he knows the corporate seals of the Companies; that the seals affixed to the foregoing instrument are such corporate seals; that they were affixed by order of the board of directors or other governing body of said Companies pursuant to its Bylaws, Resolutions and other Authorizations, and that he signed said instrument in that capacity of said Companies.

[Notary Seal]



[Signature of Notary Public] Notary Public

I, Ralph Tortorella, the undersigned, Officer of BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY, NATIONAL INDEMNITY COMPANY and NATIONAL LIABILITY & FIRE INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of the Power of Aorney executed by said Companies which is in full force and effect and has not been revoked. IN TESTIMONY WHEREOF, see hereunto affixed the seals of said Companies this _____



[Signature of Ralph Tortorella] Ralph Tortorella, Officer

To verify the authenticity of this Power of Attorney please contact us at: BHSI Surety Department, Berkshire Hathaway Specialty Insurance Company, One Lincoln Street, 23rd Floor Boston, MA 02111 | (770) 625-2516 or by email at Jennifer.Porter@bhspecialty.com THIS POWER OF ATTORNEY IS VOID IF ALTERED To notify us of a claim please contact us on our 24-hour toll free number at (855) 453-9675, via email at claimsnotice@bhspecialty.com, via fax to (617) 507-8259, or via mail.

BERKSHIRE HATHAWAY SPECIALTY INSURANCE COMPANY (BYLAWS)

ARTICLE V.

CORPORATE ACTIONS

....

EXECUTION OF DOCUMENTS:

....

Section 6.(b) The President, any Vice President or the Secretary, shall have the power and authority:

- (1) To appoint Attorneys-in-fact, and to authorize them to execute on behalf of the Company bonds and other undertakings, and
- (2) To remove at any time any such Attorney-in-fact and revoke the authority given him.

NATIONAL INDEMNITY COMPANY (BY-LAWS)

Section 4. Officers, Agents, and Employees:

A. The officers shall be a President, one or more Vice Presidents, a Secretary, one or more Assistant Secretaries, a Treasurer, and one or more Assistant Treasurers none of whom shall be required to be shareholders or Directors and each of whom shall be elected annually by the Board of Directors at each annual meeting to serve a term of office of one year or until a successor has been elected and qualified, may serve successive terms of office, may be removed from office at any time for or without cause by a vote of a majority of the Board of Directors, and shall have such powers and rights and be charged with such duties and obligations as usually are vested in and pertain to such office or as may be directed from time to time by the Board of Directors; and the Board of Directors or the officers may from time to time appoint, discharge, engage, or remove such agents and employees as may be appropriate, convenient, or necessary to the affairs and business of the corporation.

NATIONAL INDEMNITY COMPANY (BOARD RESOLUTION ADOPTED AUGUST 6, 2014)

RESOLVED, That the President, any Vice President or the Secretary, shall have the power and authority to (1) appoint Attorneys-in-fact, and to authorize them to execute on behalf of this Company bonds and other undertakings and (2) remove at any time any such Attorney-in-fact and revoke the authority given.

NATIONAL LIABILITY & FIRE INSURANCE COMPANY (BY-LAWS)

ARTICLE IV

Officers

Section 1. Officers, Agents and Employees:

A. The officers shall be a president, one or more vice presidents, one or more assistant vice presidents, a secretary, one or more assistant secretaries, a treasurer, and one or more assistant treasurers, none of whom shall be required to be shareholders or directors, and each of whom shall be elected annually by the board of directors at each annual meeting to serve a term of office of one year or until a successor has been elected and qualified, may serve successive terms of office, may be removed from office at any time for or without cause by a vote of a majority of the board of directors. The president and secretary shall be different individuals. Election or appointment of an officer or agent shall not create contract rights. The officers of the Corporation shall have such powers and rights and be charged with such duties and obligations as usually are vested in and pertain to such office or as may be directed from time to time by the board of directors; and the board of directors or the officers may from time to time appoint, discharge, engage, or remove such agents and employees as may be appropriate, convenient, or necessary to the affairs and business of the Corporation.

NATIONAL LIABILITY & FIRE INSURANCE COMPANY (BOARD RESOLUTION ADOPTED AUGUST 6, 2014)

RESOLVED, That the President, any Vice President or the Secretary, shall have the power and authority to (1) appoint Attorneys-in-fact, and to authorize them to execute on behalf of this Company bonds and other undertakings and (2) remove at any time any such Attorney-in-fact and revoke the authority given.

Disclosure Statement



NOTICE OF DISCLOSURE FOR AGENT & BROKER COMPENSATION

If you want to learn more about the compensation Zurich pays agents and brokers visit:

<https://www.zurichna.com/producercompensation>

or call the following toll-free number: (866) 903-1192.

This Notice is provided on behalf of Zurich American Insurance Company

and its underwriting subsidiaries.

ATTACHMENT F FORM OF GUARANTEE

FORM OF GUARANTEE

GUARANTEE FOR (Design-Build Entity and Surety Name) CDM Constructors Inc. and Fidelity and Deposit Company of Maryland/Zurich American Insurance Company/Berkshire Hathaway Specialty Insurance Company

We the undersigned hereby guarantee that the **Optimization and Improvements Design-Build, Resolution No. R2021-1248, Contract Dated September 14, 2021, PBCWUD Project No. 20-036, Project Title: Green Cay Phase 2 Progressive Design-Build Project**, Palm Beach County, Florida, which we have constructed and bonded, has been done in accordance with the plans and specifications; that the work constructed will fulfill the requirements of the guaranties included in the Contract Documents. We agree to repair or replace any or all of our work, together with any work of others which may be damaged in so doing, that may prove to be defective in the workmanship or materials within a period of one year from the date of Substantial Completion of all of the above named work by the County of Palm Beach, State of Florida, without any expense whatsoever to said County of Palm Beach, ordinary wear and tear and unusual abuse or neglect excepted by the County. The date of Substantial Completion shall be the date set forth on the fully executed and acknowledged Contractor's Certification of Substantial Completion form. When correction work is started, it shall be carried through to completion.

In the event of our failure to acknowledge notice, and commence corrections of defective work within ten (10) business days after being notified in writing by the Board of County Commissioners, Palm Beach County, Florida, we, collectively or separately, do hereby authorize Palm Beach County to proceed to have said defects repaired and made good at our expense and we will honor and pay the costs and charges therefore upon demand.

County and (Design-Build Entity, engineer, architect as applicable) agree that the provisions of Florida Statute Chapter 558 shall not apply to Contract/Agreement.

SEAL AND NOTARIAL ACKNOWLEDGMENT OF SURETY

CDM Constructors Inc.
(Design-Build Entity)



By: *Frank Terrasi*
(Signature)

President - Frank Terrasi
(Print Name)

Fidelity and Deposit Company of Maryland/Zurich American Insurance Company/Berkshire Hathaway Specialty Insurance Company (Seal)
(Surety)



By: *Michelle Anne McMahon*
(Signature)

Michelle Anne McMahon, Attorney-in-Fact
(Print Name)

ATTACHMENT G OEBO SCHEDULE 1 AND SCHEDULE 2

ATTACHMENT G

OEBO SCHEDULE 1

Office of Equal Business Opportunity Compliance Programs

OEBO SCHEDULE 1

SOLICITATION/PROJECT/BID NAME: Green Cay Phase 2 Progressive Design-Build
 SOLICITATION OPENING/SUBMITTAL DATE: December 17, 2020

SOLICITATION/PROJECT/BID NO.: WUD Project No. 20-036
 COUNTY DEPARTMENT: Palm Beach County Water Utilities

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

NAME OF PRIME RESPONDENT/BIDDER: CDM Constructors Inc. ADDRESS: 621 N.W. 53rd Street, Suite 285, Boca Raton, FL 33487
 CONTACT PERSON: Tommy L. Floyd, Vice President PHONE NO.: 423-791-4880 E-MAIL: Floydtl@cdmsmith.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$56,704,526.48

*SMWBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE
 MBE
 WBE
 SBE

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

Subcontractor/Sub consultant Name	(Check all Applicable Categories)				DOLLAR AMOUNT OR PERCENTAGE OF WORK					
	Non-SBE	MBE Minority Business	WBE Women Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Asian	Other
1. Gilmore Electric Company, Inc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>				\$1,353,000.00		
2. Applegate Interiors, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						\$374,000.00
3. Cooper Construction Management and Consulting, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						\$4,910,750.22
4. Dura Floor, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						\$227,300.00
5. Farmer & Irwin Corp.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						\$592,099.00

(Please use additional sheets if necessary)

Total _____

Total Bid/Offer Price \$ _____

Total Certified S/M/WBE Participation \$ _____

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

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

OEBO SCHEDULE 1

SOLICITATION/PROJECT/BID NAME: Green Cay Phase 2 Progressive Design-Build
 SOLICITATION OPENING/SUBMITTAL DATE: December 17, 2020

SOLICITATION/PROJECT/BID NO.: WUD Project No. 20-036
 COUNTY DEPARTMENT: Palm Beach County Water Utilities

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

NAME OF PRIME RESPONDENT/BIDDER: CDM Constructors Inc. ADDRESS: 621 N.W. 53rd Street, Suite 285, Boca Raton, FL 33487
 CONTACT PERSON: Tommy L. Floyd, Vice President PHONE NO.: 423-791-4880 E-MAIL: Floydtl@cdmsmith.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$56,704,526.48

*SMWBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE	MBE	WBE	SBE
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Subcontractor/Sub consultant Name	(Check all Applicable Categories)				DOLLAR AMOUNT OR PERCENTAGE OF WORK					
	Non-SBE	MBE	WBE	SBE	Black	Hispanic	Women	Caucasian	Asian	Other
		Minority Business	Women Business	Small Business						
1. A-1 Paint, Inc., of Palm Beach	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	\$135,548.00	_____	_____
2. Palm Beach Iron Works, Inc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	\$962,591.00	_____	_____
3. K M I International Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	\$66,025.00	_____	_____	_____	_____
4. Nichols Industries, Inc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	\$305,650.00	_____	_____
5. Proshell Construction Services, Inc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	\$2,950,538.00	_____	_____

(Please use additional sheets if necessary)

Total _____

Total Bid/Offer Price \$ _____

Total Certified S/M/WBE Participation \$ _____

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

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

OEBO SCHEDULE 1

SOLICITATION/PROJECT/BID NAME: Green Cay Phase 2 Progressive Design-Build
 SOLICITATION OPENING/SUBMITTAL DATE: December 17, 2020

SOLICITATION/PROJECT/BID NO.: WUD Project No. 20-036
 COUNTY DEPARTMENT: Palm Beach County Water Utilities

Section A PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT* ON THE PROJECT:
 NAME OF PRIME RESPONDENT/BIDDER: CDM Constructors Inc. ADDRESS: 621 N.W. 53rd Street, Suite 285, Boca Raton, FL 33487

CONTACT PERSON: Tommy L. Floyd, Vice President PHONE NO.: 423-791-4880 E-MAIL: Floydtl@cdmsmith.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$56,704,526.48

*SMWBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE	MBE	WBE	SBE
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Subcontractor/Sub consultant Name	(Check all Applicable Categories)				DOLLAR AMOUNT OR PERCENTAGE OF WORK					
	Non-SBE	MBE	WBE	SBE	Black	Hispanic	Women	Caucasian	Asian	Other
		Minority Business	Women Business	Small Business						
1. Brian's Carpet & Commercial Flooring, Inc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	\$129,721.00	_____	_____
2. Cynamon Bros & Sons Inc	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	\$125,820.00
3. Cedars Electro-Mechanical, Inc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	\$757,285.00	_____	_____
4. Wisch & Jackson Co. of Florida, Inc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	\$33,158.00	_____	_____	_____
5. Universal Test and Balance, LLC	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	_____	_____	_____	\$7,200.00	_____	_____
Total					_____	_____	_____	_____	_____	_____

(Please use additional sheets if necessary)

Total Bid/Offer Price \$ _____

Total Certified S/M/WBE Participation \$ _____

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

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

OEBO SCHEDULE 1

SOLICITATION/PROJECT/BID NAME: Green Cay Phase 2 Progressive Design-Build
 SOLICITATION OPENING/SUBMITTAL DATE: December 17, 2020

SOLICITATION/PROJECT/BID NO.: WUD Project No. 20-036
 COUNTY DEPARTMENT: Palm Beach County Water Utilities

Section A PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT* ON THE PROJECT:
 NAME OF PRIME RESPONDENT/BIDDER: CDM Constructors Inc. ADDRESS: 621 N.W. 53rd Street, Suite 285, Boca Raton, FL 33487

CONTACT PERSON: Tommy L. Floyd, Vice President PHONE NO.: 423-791-4880 E-MAIL: Floydtl@cdmsmith.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$56,704,526.48

*SMWBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE	MBE	WBE	SBE
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Subcontractor/Sub consultant Name	(Check all Applicable Categories)				DOLLAR AMOUNT OR PERCENTAGE OF WORK					
	Non-SBE	MBE	WBE	SBE	Black	Hispanic	Women	Caucasian	Asian	Other
		Minority Business	Women Business	Small Business						
1. A Cut Above Landscape and Maintenance, Inc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>				\$2,911,486.12		
2. Walker Design & Construction CO.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>				\$1,073,538.00		
3. Engineered Design Services LLC	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$112,200.00					
4. 2GHO Inc. Landscape Architects, Planners, Environmental Consultants	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>				\$224,167.80		
5. 1st Fire & Security, Inc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			\$54,650.00			
Total										

(Please use additional sheets if necessary)

Total Bid/Offer Price \$ _____

Total Certified S/M/WBE Participation \$ _____

I hereby certify that the above information is accurate to the best of my knowledge: Tommy L. Floyd  Vice President
 Name & Authorized Signature Title

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

OEBO SCHEDULE 1

SOLICITATION/PROJECT/BID NAME: Green Cay Phase 2 Progressive Design-Build
 SOLICITATION OPENING/SUBMITTAL DATE: December 17, 2020

SOLICITATION/PROJECT/BID NO.: WUD Project No. 20-036
 COUNTY DEPARTMENT: Palm Beach County Water Utilities

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

NAME OF PRIME RESPONDENT/BIDDER: CDM Constructors Inc. ADDRESS: 621 N.W. 53rd Street, Suite 285, Boca Raton, FL 33487
 CONTACT PERSON: Tommy L. Floyd, Vice President PHONE NO.: 423-791-4880 E-MAIL: Floydtl@cdmsmith.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$56,704,526.48

*SMWBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE	MBE	WBE	SBE
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Subcontractor/Sub consultant Name	(Check all Applicable Categories)				DOLLAR AMOUNT OR PERCENTAGE OF WORK					
	Non-SBE	MBE Minority Business	WBE Women Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Asian	Other
	1. Keshavarz & Associates, Inc.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>					\$291,030.00
2. Advanced Painting Contractors, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						\$118,000.00
3. Brevard Constructors, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						\$271,200.00
4. El Leon Construction, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						\$481,000.00
5. Wolverine Roofing, LLC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						\$612,771.00

(Please use additional sheets if necessary)

Total _____

Total Bid/Offer Price \$ _____

Total Certified S/M/WBE Participation \$ _____

I hereby certify that the above information is accurate to the best of my knowledge:

Tommy L. Floyd



Vice President

Name & Authorized Signature

Title

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

OEBO SCHEDULE 1

SOLICITATION/PROJECT/BID NAME: Green Cay Phase 2 Progressive Design-Build
 SOLICITATION OPENING/SUBMITTAL DATE: December 17, 2020

SOLICITATION/PROJECT/BID NO.: WUD Project No. 20-036
 COUNTY DEPARTMENT: Palm Beach County Water Utilities

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

NAME OF PRIME RESPONDENT/BIDDER: CDM Constructors Inc. ADDRESS: 621 N.W. 53rd Street, Suite 285, Boca Raton, FL 33487

CONTACT PERSON: Tommy L. Floyd, Vice President PHONE NO.: 423-791-4880 E-MAIL: Floydtl@cdmsmith.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$56,704,526.48

*SMWBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE MBE WBE SBE

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

Subcontractor/Sub consultant Name	(Check all Applicable Categories)				DOLLAR AMOUNT OR PERCENTAGE OF WORK					
	Non-SBE	MBE Minority Business	WBE Women Business	SBE Small Business	Black	Hispanic	Women	Caucasian	Asian	Other
	1. Quantum Automation LLC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____
2. Florida Design Drilling LLC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	\$1,337,500.00
3. H And J Contracting, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	\$10,735,263.00
4. REP Services, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	\$574,053.13
5. Tropic Fence, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____	_____	_____	_____	_____	\$495,123.00

(Please use additional sheets if necessary)

Total _____

Total Bid/Offer Price \$ _____

Total Certified S/M/WBE Participation \$ _____

I hereby certify that the above information is accurate to the best of my knowledge: Tommy L. Floyd Vice President

Name & Authorized Signature Title

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

OEBO SCHEDULE 1

SOLICITATION/PROJECT/BID NAME: Green Cay Phase 2 Progressive Design-Build
 SOLICITATION OPENING/SUBMITTAL DATE: December 17, 2020

SOLICITATION/PROJECT/BID NO.: WUD Project No. 20-036
 COUNTY DEPARTMENT: Palm Beach County Water Utilities

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

NAME OF PRIME RESPONDENT/BIDDER: CDM Constructors Inc. ADDRESS: 621 N.W. 53rd Street, Suite 285, Boca Raton, FL 33487

CONTACT PERSON: Tommy L. Floyd, Vice President PHONE NO.: 423-791-4880 E-MAIL: Floydtl@cdmsmith.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$56,704,526.48

*SMWBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE	MBE	WBE	SBE
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Subcontractor/Sub consultant Name	(Check all Applicable Categories)				DOLLAR AMOUNT OR PERCENTAGE OF WORK					
	Non-SBE	MBE	WBE	SBE	Black	Hispanic	Women	Caucasian	Asian	Other
		Minority Business	Women Business	Small Business						
1. Network Cabling Solutions, Inc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						\$181,857.80
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>						

(Please use additional sheets if necessary)

Total \$112,200.00 \$66,025.00 \$87,808.00 \$11,184,724.92 \$291,030.00 \$77,393,105.63

Total Bid/Offer Price \$ _____

Total Certified S/M/WBE Participation \$ 11,741,787.92

I hereby certify that the above information is accurate to the best of my knowledge:

Tommy L. Floyd



Vice President

Name & Authorized Signature

Title

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

ATTACHMENT G

OEBO SCHEDULE 2

Office of Equal Business Opportunity Compliance Programs

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: CDM Constructors Inc. Subcontractor: ADVANCED PAINTING CONTRACTORS, INC.

(Check box(s) that apply)

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

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	WPF and Wells Process Paintings and Coatings				\$118,000.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$118,000.00

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

N/A

0% / \$0.00

Name of 2nd/3rd tier Subcontractor/subconsultant

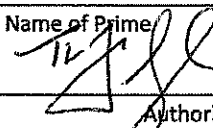
Price or Percentage: _____

CDM Constructors Inc.

ADVANCED PAINTING CONTRACTORS, INC.

Print Name of Prime

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

By: 
Authorized Signature

Tommy L Floyd

Christopher C. Cornwell

Print Name

Print Name

Vice President

President

Title

Title

Date: November 16, 2023

Date: 11/13/23

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: CDM Constructors Inc. Subcontractor: BREVARD CONSTRUCTORS, INC.

(Check box(s) that apply)

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

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Pre-Engineered Metal canopy				\$271,200.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$271,200.00

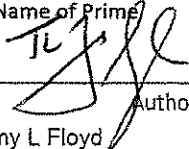
If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

_____ Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

CDM Constructors Inc.

Print Name of Prime

By: 
Authorized Signature

Tommy L. Floyd

Print Name

Vice President

Title

Date: November 16, 2023

BREVARD CONSTRUCTORS, INC.

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

Russell K. Borden

Print Name

V.P.

Title

Date: 11/19/23

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: WUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design - Build

Prime Contractor: CDM Constructors Inc. Subcontractor: Engineered Design Services LLC

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 10/1/21 to 9/30/24

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Design Services				\$112,200.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$112,200.00

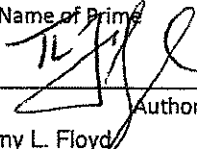
If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

Name of 2nd/3rd tier Subcontractor/subconsultant _____

Price or Percentage: _____

CDM Constructors Inc.

Print Name of Prime

By:  Authorized Signature

Tommy L. Floyd

Print Name

Vice President

Title

Date: November 29, 2023

Engineered Design Services LLC

Print Name of Subcontractor/subconsultant

By:  Authorized Signature

Craig McKenzie, P.E.

Print Name

Manager

Title

Date: 11/7/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design - Build

Prime Contractor: CDM Constructors Inc. Subcontractor: Gilmore Electric Company, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 02.28.22 to 02/27/2025

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

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

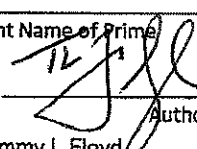
S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any **S/M/WBE** participation may result in that participation not being counted. Specify in detail, the scope of work to be performed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

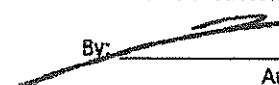
Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
01	Electrical Work	\$530,000.00	1		\$530,000.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$530,000.00

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

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

CDM Constructors Inc.
 Print Name of Prime
 By: 
 Authorized Signature
 Tommy L. Floyd
 Print Name
 Vice President
 Title
 Date: November 16, 2023

Gilmore Electric Company, Inc.
 Print Name of Subcontractor/subconsultant
 By: 
 Authorized Signature
 Joshua R. Miller
 Print Name
 Treasurer
 Title
 Date: 11/15/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: Palm Beach Iron Works, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 10/19/2023-10/18/2026

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Aluminum Pit Grating				\$86,954.00
2	Structural Steel Joists Desk: Fabrication and Erection				\$875,637.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$962,591.00

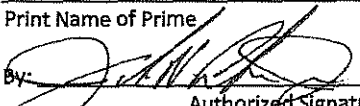
If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A Price or Percentage: N/A

Name of 2nd/3rd tier Subcontractor/subconsultant

Cooper Construction Management and Consulting, Inc.

Print Name of Prime

By: 
Authorized Signature

Jackie W. Cooper, Jr.

Print Name

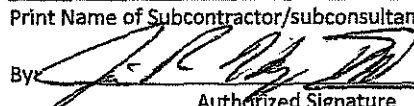
President

Title

Date: 11/20/2023

Palm Beach Iron Works, Inc.

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

Jimmie R. Higgins III

Print Name

President

Title

Date: 11/20/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: Proshell Construction Services, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 09/01/21 to 08/31/24

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
01	Concrete / Masonry	1			\$2,950,538.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: 100%

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

N/A Price or Percentage: N/A

Name of 2nd/3rd tier Subcontractor/subconsultant

Cooper Construction Management and Consulting, Inc.

Print Name of Prime

By:  Authorized Signature

Jackie W. Cooper, Jr.

Print Name

President

Title

Date: 11/20/2023

Proshell Construction Services, Inc.

Print Name of Subcontractor/subconsultant

By:  Authorized Signature

Julien Beauregard

Print Name

President

Title

Date: 11/20/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD / 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: K M I INTERNATIONAL INC.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 11/21/22 - 11/20/25

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

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

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


Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Millwork				\$66,025.00

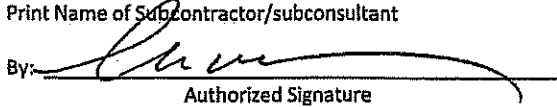
The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: 100%

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

_____ Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

Cooper Construction Management and Construction, Inc.
 Print Name of Prime
 By: 
 Authorized Signature
 Jackie W. Cooper, Jr.
 Print Name
 President
 Title
 Date: 11/16/2023

K M I INTERNATIONAL INC.
 Print Name of Subcontractor/subconsultant
 By: 
 Authorized Signature
 Carlos Rodriguez
 Print Name
 President
 Title
 Date: 11/13/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: Wolverine Roofing, LLC

(Check box(s) that apply)

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

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Roofing Material/Labor				612,771.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$612,771.00

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

n/a
Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: n/a

Cooper Construction Management and Consulting, Inc.
Print Name of Prime
By:
Authorized Signature
Jackie W. Cooper, Jr.
Print Name
President
Title
Date: 11/16/2023

Wolverine Roofing, LLC
Print Name of Subcontractor/subconsultant
By:
Authorized Signature
Dave Wikel
Print Name
Manager
Title
Date: 11/10/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: Cynamon Bros & Sons Inc

(Check box(s) that apply)

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

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

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

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

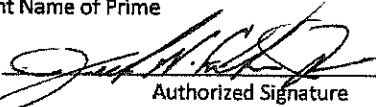
Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Hollow Metal Doors & Frames				\$58,367.50
	Finish Hardware				\$67,452.50

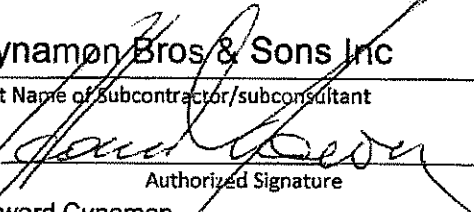
The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$125,820.00

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

N/A Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

Cooper Construction Management and Consulting, Inc.
 Print Name of Prime
 By: 
 Jackie W. Cooper, Jr.
 Print Name
 President
 Title
 Date: 11/20/2023

Cynamon Bros & Sons Inc
 Print Name of Subcontractor/subconsultant
 By: 
 Howard Cynamon
 Print Name
 Sec/Treas.
 Title
 Date: 11/20/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: Door Systems of South Florida, Inc.

(Check box(s) that apply)

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

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
01	Overhead Doors				\$24,300.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: 100%

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

N/A Price or Percentage: 0%

Name of 2nd/3rd tier Subcontractor/subconsultant _____

Cooper Construction Management and Consulting, Inc.

Print Name of Prime

By:
Authorized Signature

Jackie W. Cooper, Jr.

Print Name

President

Title

Date: 11/16/2023

Door Systems of South Florida, Inc.

Print Name of Subcontractor/subconsultant

By:
Authorized Signature

Blair Novy

Print Name

President

Title

Date: 11/16/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: Cherokee Glass, Inc.

(Check box(s) that apply)

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

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

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


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

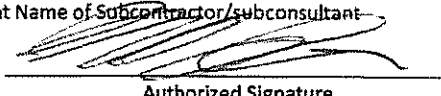
Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Glass & Glazing				\$324,100.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: 100%

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

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

Cooper Construction Management & Consulting, Inc.
 Print Name of Prime
 By: 
 Authorized Signature
Jackie W. Cooper, Jr.
 Print Name
President
 Title
 Date: 11/20/2023

Cherokee Glass, Inc.
 Print Name of Subcontractor/subconsultant
 By: 
 Authorized Signature
Phillip Reynolds
 Print Name
President
 Title
 Date: 11/20/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: Nichols Industries, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 8-10-2023-8-9-2026

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

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

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

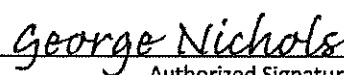
Line Item	Item Description	Unit Price	Quantity/Units	Contingencies/Allowances	Total Price/Percentage
1	Stucco				\$305,650.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: 100%

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

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

Cooper Construction Management and Consulting, Inc.
 Print Name of Prime
 By: 
 Authorized Signature
Jackie W. Cooper, Jr.
 Print Name
President
 Title
 Date: 11/20/2023

Nichols Industries, Inc.
 Print Name of Subcontractor/subconsultant
 By: 
 Authorized Signature
George R. Nichols
 Print Name
President
 Title
 Date: 11/20/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: Applegate Interiors, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 3/7/2023-3/6/2026

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
01	Drywall	\$332,000.00	1		\$332,000.00
02	Insulation	\$42,000.00	1		\$42,000.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: 100%

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

N/A
Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: N/A

Cooper Construction Management and Consulting, Inc.

Print Name of Prime

By: 
Authorized Signature

Jackie W. Cooper, Jr.

Print Name

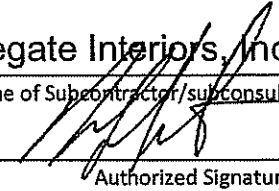
President

Title

Date: 11/20/2023

Applegate Interiors, Inc.

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

William G. Applegate

Print Name

President

Title

Date: 11/20/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: Brian's Carpet & Commercial Flooring, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 3-21-23 to 3-20-26

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
91444	Tile				\$84,282.00
91444	Carpet Tile, VCT, Rubber Base				\$45,439.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$129,721.00

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

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

Cooper Construction Management & Consulting, Inc.

Print Name of Prime

By: 
Authorized Signature

Jackie W. Cooper, Jr.

Print Name

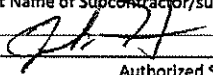
President

Title

Date: 11/20/2023

Brian's Carpet & Commercial Flooring, Inc.

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

John Heezen

Print Name

Vice President

Title

Date: 11/20/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: DURA FLOOR, INC.

(Check box(s) that apply)

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

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

Column 1

Column 2

Column 3

Male Female

African-American/Black Asian American Caucasian American
 Hispanic American Native American

Supplier

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1.	Resinous Flooring	\$15/Unit	9,773/SF		\$ 148,730/100%
2.	Trench Walls	\$15/Unit	3,068/SF		\$ 46,020/100%
3.	Polished Concrete	\$5.62/Unit	3,362/SF		\$ 18,892/100%
4.	Sealed Concrete	\$3.50/Unit	2,011/SF		\$ 7,038/100%
5.	Payment & Performance Bond		3%		\$ 6,620

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$ 227,300.00

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

N/A

Price or Percentage: N/A

Name of 2nd/3rd tier Subcontractor/subconsultant

Cooper Construction Management and Consulting, Inc.

Print Name of Prime

By:
 Authorized Signature

Jackie W. Cooper, Jr.
 Print Name

President
 Title

Date: 11 - 20 - 23

DURA FLOOR, INC.

Print Name of Subcontractor/subconsultant

By:
 Authorized Signature

William Canary
 Print Name

President
 Title

Date: 11-20-23

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: A-1 Paint, Inc., of Palm Beach

(Check box(s) that apply)
 SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 3/10/2021-3/9/2024

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Painting Water Purification				\$129,850.00
2	Guard House				\$1,750.00
3	Performance Bond				\$3,948.00


The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: 100%

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

n/a Price or Percentage: n/a

Name of 2nd/3rd tier Subcontractor/subconsultant

Cooper Construction Management & Consulting, Inc.


 Print Name of Prime
 By: 

 Authorized Signature
 Jackie W. Cooper, Jr.

 Print Name
President

 Title
 Date: 11/20/2023

A-1 Paint, Inc., of Palm Beach

 Print Name of Subcontractor/subconsultant
 By: 

 Authorized Signature
 Roger Earl

 Print Name
President

 Title
 Date: 11/20/2023

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: Mardale Specialties Direct Inc.

(Check box(s) that apply)

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

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

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

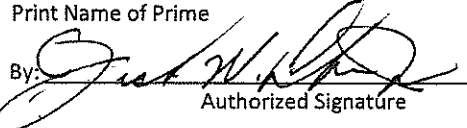
S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Specialties Package	\$47,601	1		\$47,601

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$47,601

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

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

Cooper Construction Management and Consulting, Inc.
 Print Name of Prime
 By: 
 Authorized Signature
 Jackie W. Cooper, Jr.
 Print Name
 President
 Title
 Date: 11/30/2023

Mardale Specialties Direct Inc.
 Print Name of Subcontractor/subconsultant
 By: Mary Dion
 Authorized Signature
 Mary Dion
 Print Name
 General Manager- Registered Agent
 Title
 Date: 11/13/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036
 SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: Farmer & Irwin Corp.

(Check box(s) that apply)

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

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

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

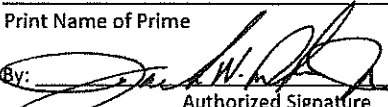
S/M/WBE PARTICIPATION – S/M/WBE Primes must document all work to be performed by their own work force on this form. Failure to submit a properly executed Schedule 2 for any S/M/WBE participation may result in that participation not being counted. Specify in detail, the scope of work to be performed or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

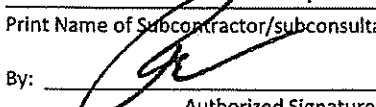
Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
01	Plumbing				\$291,238.00
02	Fire Sprinkler				\$300,861.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$592,099.00

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

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

Cooper Construction Management & Consulting, Inc.
 Print Name of Prime
 By: 
 Jackie W. Cooper, Jr.
 Print Name
 President
 Title
 Date: 11/30/2023

Farmer & Irwin Corp.
 Print Name of Subcontractor/subconsultant
 By: 
 Peter C. Fedor III
 Print Name
 President
 Title
 Date: 11/29/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: Cedars Electro-Mechanical, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 6/15/2023 to 6/14/2026

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
01	Mechanical	\$823,485.00			\$823,485.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$757,285.00

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

Wisch & Jackson Co. of Florida, Inc. and Universal Test and Balance, LLC
 Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: \$59,000.00 and \$7,200.00

Cooper Construction Management and Consulting, Inc.

Print Name of Prime

By:
 Authorized Signature

Jackie W. Cooper, Jr.

Print Name

President

Title

Date: 11/29/2023

Cedars Electro-Mechanical, Inc.

Print Name of Subcontractor/subconsultant

By:
 Authorized Signature

John Chalhoub

Print Name

Vice President

Title

Date: 11/29/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Wisch & Jackson Co. of Florida, Inc. Subcontractor: Quantum Automation LLC

(Check box(s) that apply)

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

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
01	Building Automation Controls	\$25,842.00			\$25,842.00

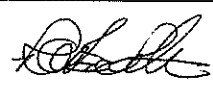
The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$25,842.00

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

N/A Price or Percentage: N/A

Name of 2nd/3rd tier Subcontractor/subconsultant

Wisch & Jackson Co. of Florida, Inc.

Print Name of Prime
By: 
Authorized Signature

Ross Buckalter

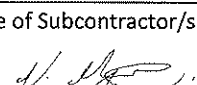
Print Name

President

Title

Date: 11/20/2023

Quantum Automation LLC

Print Name of Subcontractor/subconsultant
By: 
Authorized Signature

Naraz Mangroo

Print Name

President

Title

Date: 11/20/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cedars Electro-Mechanical, Inc. Subcontractor: Wisch & Jackson Co. of Florida, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 11/30/2023 to 11/29/2026

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
01	Building Automation Controls	\$59,000.00			\$59,000.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$33,158.00

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

Quantum Automation LLC Price or Percentage: \$25,842.00
 Name of 2nd/3rd tier Subcontractor/subconsultant

Cedars Electro-Mechanical, Inc.
 Print Name of Prime
 By: [Signature]
 Authorized Signature
John Chalhoub
 Print Name
Vice President
 Title
 Date: 11/29/2023

Wisch & Jackson Co. of Florida, Inc.
 Print Name of Subcontractor/subconsultant
 By: [Signature]
 Authorized Signature
Ross Buckalter
 Print Name
President
 Title
 Date: 11/29/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cedars Electro-Mechanical, Inc. Subcontractor: Universal Test and Balance, LLC

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 5/01/2023 to 4/30/2026

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
01	Test and Balance	\$7,200.00			\$7,200.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$7,200.00

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

N/A Price or Percentage: N/A

Name of 2nd/3rd tier Subcontractor/subconsultant

Cedars Electro-Mechanical, Inc.
 Print Name of Prime
 By: [Signature]
 Authorized Signature
John Chalhoub
 Print Name
Vice President
 Title
 Date: 11/29/2023

Universal Test and Balance, LLC
 Print Name of Subcontractor/subconsultant
 By: [Signature]
 Authorized Signature
Charleigh Heater
 Print Name
Manager
 Title
 Date: 11/29/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: Gilmore Electric Company, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 02/28/2022 - 02/27/2025

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

Column 1

Column 2

Column 3

Male Female

African-American/Black Asian American Caucasian American
 Hispanic American Native American

Supplier

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
01	Electrical	\$823,000.00	1	-	\$823,000.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$823,000.00

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

Name of 2nd/3rd tier Subcontractor/subconsultant _____

Price or Percentage: _____

Cooper Construction Management and Consulting, Inc.

Print Name of Prime

By:
 Authorized Signature

Jackie W. Cooper, Jr.

Print Name

President

Title

Date: 11/20/2023

Gilmore Electric Company, Inc.

Print Name of Subcontractor/subconsultant

By:
 Authorized Signature

Daniel J Loveland

Print Name

President

Title

Date: 11/20/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: Network Cabling Solutions, Inc.

(Check box(s) that apply)

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

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

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

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

Line Item	Item Description	Unit Price	Quantity/Units	Contingencies/Allowances	Total Price/Percentage
1	Install low voltage voice and data cabling				\$181,857.80

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: 100%

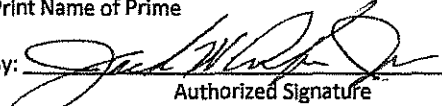
If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

N/A Price or Percentage: 0%

Name of 2nd/3rd tier Subcontractor/subconsultant

Cooper Construction Management and Consulting, Inc.

Print Name of Prime

By: 
Authorized Signature

Jackie W. Cooper, Jr.

Print Name

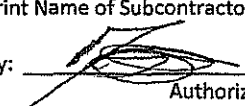
President

Title

Date: 11/20/2023

Network Cabling Solutions, Inc.

Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

Alfredo Morejon

Print Name

President

Title

Date: 11/20/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: Cooper Construction Management and Consulting, Inc. Subcontractor: 1st Fire & Security, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (If applicable): 3/19/2023 to 3/18/2026

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
01	Fire Alarm System Replacements	54,650.00	1		\$54,650.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$54,650.00

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

N/A Price or Percentage: N/A

Name of 2nd/3rd tier Subcontractor/subconsultant

Cooper Construction Management and Consulting, Inc.
 Print Name of Prime
 By:
 Authorized Signature
Jackie W. Cooper, Jr.
 Print Name
President
 Title
 Date: 11/14/2023

1st Fire & Security, Inc.
 Print Name of Subcontractor/subconsultant
 By:
 Authorized Signature
Elena Andrews
 Print Name
Vice - President
 Title
 Date: 11/14/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: CDM Constructors Inc. Subcontractor: H AND J CONTRACTING, INC.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 7/24/19-7/23/22

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	GC Earthwork, Wet, RW and PURW TRANSMISSION MAINS AND AERIAL CROSSING, GC WPF PARK AND ASPHALT.				\$10,735,263.00


The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$10,735,263.00

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

Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: _____

CDM Constructors Inc.
Print Name of Prime

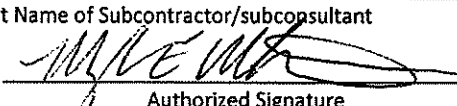
By: 
Authorized Signature

Tommy L. Floyd
Print Name

Vice President
Title

Date: November 20, 2023

H AND J CONTRACTING, INC.
Print Name of Subcontractor/subconsultant

By: 
Authorized Signature

Meghan Whitten
Print Name

Vice President
Title

Date: 11/20/2023

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: CDM Constructors Inc. Subcontractor: Keshavarz & Associates, Inc.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 10/04/2022 - 10/03/2025

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
8.04	Mechanical Engineering - Water				\$291,030.00
	Distribution Systems and Civil/Site Design				

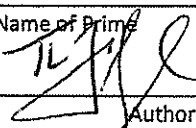
The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$291,030.00

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

N/A Price or Percentage: N/A

Name of 2nd/3rd tier Subcontractor/subconsultant

CDM Constructors Inc.

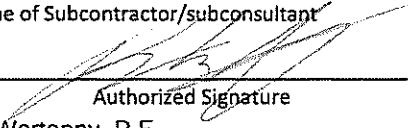
 Print Name of Prime
 By: 

 Authorized Signature
 Tommy L. Floyd

 Print Name
 Vice President

 Title
 Date: November 29, 2023

Keshavarz & Associates, Inc.

 Print Name of Subcontractor/subconsultant
 By: 

 Authorized Signature
 Randy Wertepny, P.E.

 Print Name
 Vice President of Engineering

 Title
 Date: 11/15/23

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design-Build

Prime Contractor: CDM Constructors Inc. Subcontractor: REP SERVICES, INC.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 7/24/19-7/23/22

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	WPF and Park Site Furnishings.				\$574,53.13

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$574,53.13

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

_____ Price or Percentage: _____

Name of 2nd/3rd tier Subcontractor/subconsultant

CDM Constructors Inc.

Print Name of Prime

By: [Signature]
Authorized Signature

Tommy L. Floyd

Print Name

Vice President

Title

Date: November 29, 2023

Rep Services, Inc.

Print Name of Subcontractor/subconsultant

By: [Signature]
Authorized Signature

Nathan Almon

Print Name

President

Title

Date: 11/29/23

OEBO LETTER OF INTENT – SCHEDULE 2

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

SOLICITATION/PROJECT NUMBER: PBCWUD Project No. 20-036

SOLICITATION/PROJECT NAME: Green Cay Phase 2 Progressive Design - Build

Prime Contractor: CDM Constructors Inc. Subcontractor: Walker Design & Construction Co.

(Check box(s) that apply)

SBE WBE MBE M/WBE Non-S/M/WBE Date of Palm Beach County Certification (if applicable): 4/8/21-4/7/24

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

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

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

Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
	Pavilion, Picnic Observation, Boardwalk				\$1,073,538.00

The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$1,073,538.00

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

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

CDM Constructors Inc.

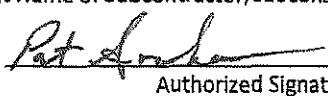
Print Name of Prime
By:  Authorized Signature

Tommy L. Floyd
Print Name

Vice President
Title

Date: November 16, 2023

Walker Design & Construction Co.

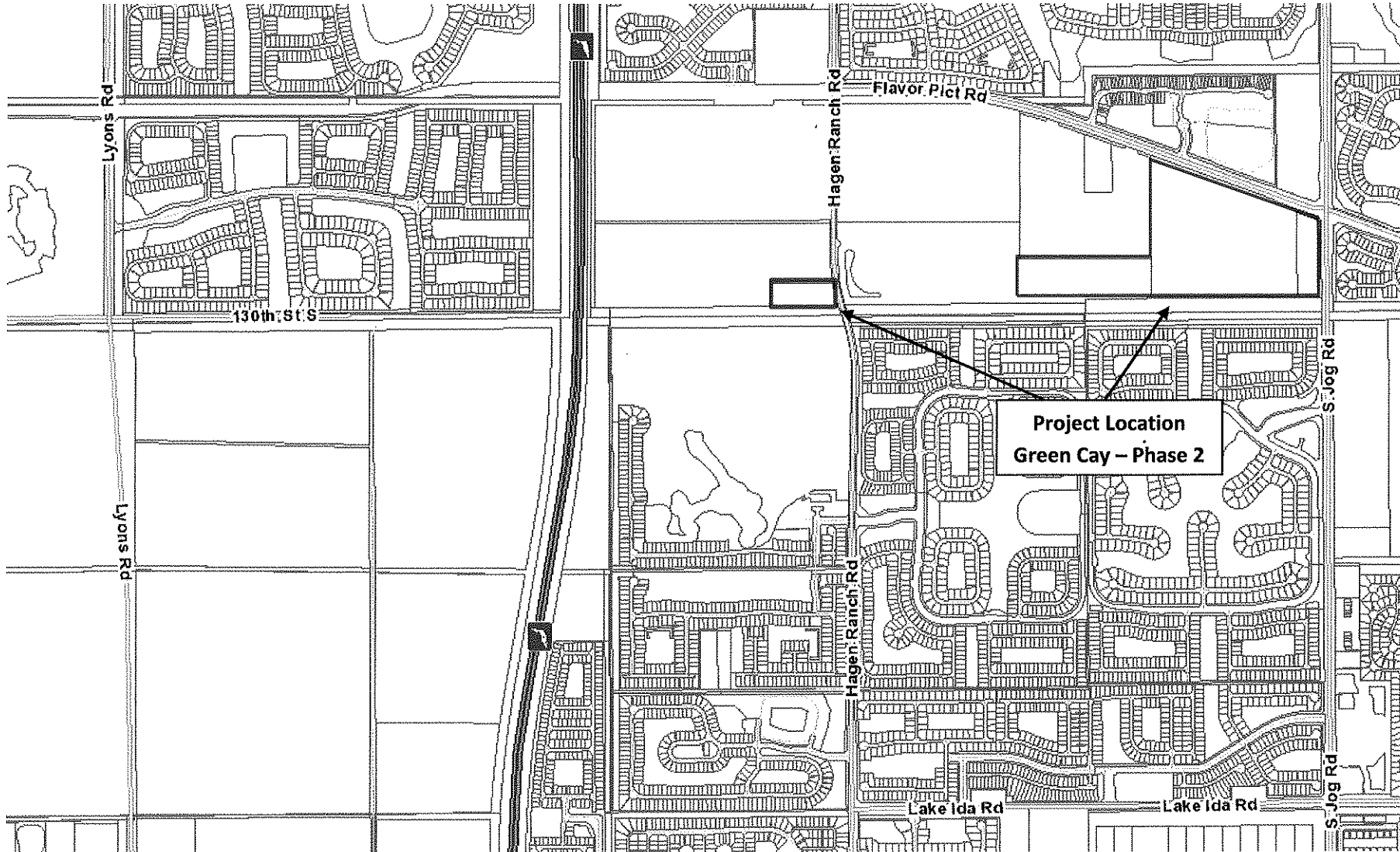
Print Name of Subcontractor/subconsultant
By:  Authorized Signature

Patrick Graham
Print Name

President
Title

Date: 11-15-23

ATTACHMENT 2
Location Map





ATTACHMENT 3

Palm Beach County Compliance Summary Report

Vendor Number	Vendor Name	AM Best Rating	Insurance Carrier	Policy #	Eff. Date	Exp. Date	Coverage	Contract Number	Contract Name
DX00001910	CDM Constructors, Inc.	Modified	Compliant					20-036	Green Cay Phase 2 Progressive Design-Build
		Ap , XV	Liberty Mutual Fire Insurance Company	AS2-611-B8T8Z6-063	1/1/2023	1/1/2024	Auto Liability		
		A++g , XV	ACE Property and Casualty Insurance Company	XEUG28194687007	1/1/2023	1/1/2024	Excess Liability		
		Ar , XV	Liberty Insurance Corporation	TB7611B8T8Z6043	1/1/2023	1/1/2024	General Liability		
		NR , 0	Underwriters at Lloyd's London (IL)	PSDEF2300033	1/1/2023	1/1/2024	Professional Liability		
		Ar , XV	LM Insurance Corporation	WA561DB8T876013	1/1/2023	1/1/2024	Workers Comp		
		Ar , XV	LM Insurance Corporation	WC5611B8T8Z6023	1/1/2023	1/1/2024	Workers Comp		

Risk Profile : Standard - Construction Services
Required Additional Insured : Palm Beach County Board of County Commissioners
Ownership Entity :

2024 - 0257

BOARD OF COUNTY COMMISSIONERS
PALM BEACH COUNTY, FLORIDA
BUDGET TRANSFER

ATTACHMENT 4

FUND 4011 - Water Utilities Capital Improvement Fund

BGEX 110923*403

ACCOUNT NAME AND NUMBER	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED AS OF 11/7/2023	REMAINING BALANCE
Expenditures							
721W006-6502 Building improvements	2,526,053	2,402,774	0	2,322,754	80,020	80,020	0
721W006-6541 Water Treatment Plants	10,025,041	9,347,767	0	5,127,246	4,220,521	2,744,229	1,476,292
721W026-6541 Water Treatment Plants	14,163,614	12,108,810	0	1,000,000	11,108,810	4,008,585	7,100,225
721W050-6545 Sewer Treatment Plants	0	73,300,000	8,450,000	0	81,750,000	0	81,750,000
Total			<u>8,450,000</u>	<u>8,450,000</u>			

Office of Financial Management and Budget

INITIATING DEPARTMENT/DIVISION

Administration/Budget Department Approval

OFMB Department - Posted

Joony Soeman 01 - Dec - 23
Lisa Manti 12/13/2023

BY BOARD OF COUNTY COMMISSIONERS

AT MEETING OF

December 19, 2023

Deputy Clerk to the

Board of County Commissioners