

VOGEL BROS. BUILDING CO.



CITY OF HAINES CITY

VOGEL BROS. BUILDING CO. REQUEST FOR QUALIFICATIONS
RFQ 24-01 WASTEWATER TREATMENT PLANT EXPANSION

MARCH 12, 2024



City of Haines City, Florida
Purchasing Department
ATTN: Vickie Ramsier

March 12, 2024

RE: Request for Quotation (RFQ) 24-01: Wastewater Treatment Plant Expansion CMAR

Dear Ms. Vickie Ramsier and Esteemed Members of the Selection Committee,

The City of Haines City (the City) remains committed to advancing wastewater treatment technology at its wastewater treatment plants (WWTPs). In recent years, the City has undertaken significant upgrades at the Haines City WWTP (HCWWTP), positioning it as the primary wastewater treatment facility for a rapidly expanding service area. As a final step in this enhancement initiative, the City seeks to expand the HCWWTP to accommodate capacities of 4.5mgd or 6mgd. Employing a forward-thinking approach, the City has elected to pursue the Construction Manager at Risk (CMAR) method to ensure optimal project outcomes. This methodology will leverage past planning efforts and foster productive collaboration with the City's HCWWTP operations team, ultimately delivering a facility tailored to their needs.

Vogel Bros. Building Co. (Vogel Bros.) stands as a testament to excellence in construction and preconstruction services, spanning five generations. Since establishing a local presence in Lakeland, Florida in 1980, we have distinguished ourselves as industry leaders in the construction, rehabilitation, and expansion of water and wastewater facilities. With a portfolio boasting over 300 successful water and wastewater projects across Florida, our firm has consistently demonstrated its capability to deliver superior results. Under the guidance of Darren Vogel, P.E., Vice-President of Operations, and a key executive overseeing this endeavor, our utilities-focused team has solidified its position as a preferred provider, adept at employing various project delivery methodologies including CMAR, Progressive Design-Build, and Value-Based Design-Build, among others.

We are enthusiastic about the prospect of collaborating once again with the City of Haines City, building upon our longstanding relationship that traces back to the **Haines City WWTF BCR Process Building** project in 2011. Our assembled team brings to the table a unique set of qualifications essential for the success of this project.

Key highlights of Vogel Bros. qualifications include:

- Over **nine** decades of experience in construction services, rooted in the enduring values instilled by the Vogel family and upheld by our dedicated employees.
- A proven track record of leadership in water and wastewater facility projects, evidenced by the completion of more than **300** such projects in Florida over the past 42 years.
- Unparalleled expertise in navigating the challenges inherent to municipal water and wastewater construction, with over **40** years of focused experience in the local utility market.
- A **demonstrated history of successful collaboration with the City of Haines City**, exemplified by our involvement in several pivotal projects, including but not limited to:
 - Haines City WWTF - BCR Process Building (2011)
 - Haines City WWTF Structural and Building Improvements (2013)
 - Haines City WWTP Digester – EQ Tank Conversion (2021)
 - Haines City RWGST & Pump Station (2021)
 - Haines City Robinson Lift Station Improvements (2022)
 - Southern Dunes RIB Pond (2023)
- A cohesive team bolstered by individuals such as Project Manager **Christian Spires** and Project Superintendent **Luis Morales**, who have played integral roles in recent City projects, ensuring seamless project execution.

Proven Partnership

Our commitment to fostering successful partnerships is underscored by our past collaborative endeavors, wherein our Preconstruction Manager, Iban N. Ortiz, P.E., PMP, and Lead Estimator, Brian Veal, have collaborated closely with Christian Spires, Luis Morales and CHA Consulting on numerous water and wastewater expansion projects over the last decade. Leveraging this established synergy, we enter this project with a clear understanding of roles and responsibilities, poised to deliver outcomes that exceed expectations and serve the best interests of our clients.

We are deeply appreciative of the opportunity to contribute to the City’s objectives and eagerly anticipate the prospect of another successful project collaboration. The undersigned hereby serves as Vogel Bros.’ authorized signatory for any contract executed with the City.

Sincerely,



Darren Vogel, PE
Vice President of Operations | Executive Leadership
Vogel Bros. Building Co.
4223 S Pipkin Road
Lakeland, FL 33811
darrenvogel@vogelbldg.com
352.262.6127



HAINES CITY

RFQ 24-01 WASTEWATER TREATMENT PLANT EXPANSION

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SUNBRIDGE WRF - TAVISTOCK DEV.

Wastewater Treatment Plant

Vogel Bros. provided preconstruction services during the design and permitting of the WRF. The initial design that Vogel reviewed was a phased design first employing the use of DAVCO units within the future clarifiers. While this approach required less initial capital investment once all phases were completed the \$/treated mgd was too high. Therefore it was decided that building out the treatment trains for up to 3.0mgd with pumping capabilities of 1mgd was the better use of the owner's resources.

SECTION 1

EXECUTIVE SUMMARY

1875
George C. Vogel moves to Madison, WI

As wagons became obsolete, George's business evolved from wagons to home construction.

1928
Vogel Bros. Building Co. established as a WI corporation

George's two sons incorporated the business which became known for honest, reliable and quality work.

1980
Vogel Bros. expands to Lakeland, FL

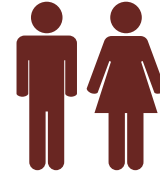
Providing award-winning construction services for five generation and counting.



4223 S Pipkin Rd
Lakeland, FL 33811
Phone: 863-646-5078
Fax: 863-644-5107
info@vogelbldg.com



94 years of building experience



5-year annual average of 150 full-time employees

Litigations

Vogel Bros. has not been involved in any litigation, major disputes, contract defaults nor liens in the last 10 years.

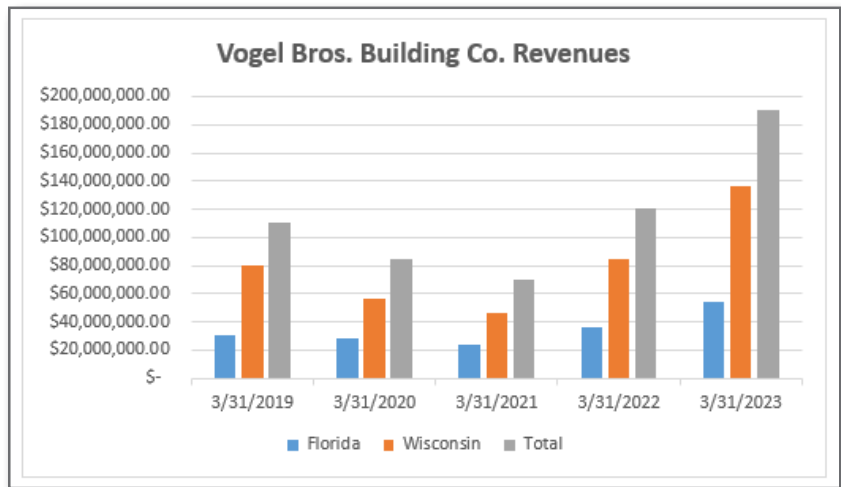


Figure 1: Vogel Bros. Building Co. Revenues



Figure 2: Vogel Bros. Building Co. Ownership Team

Left to Right: Darren Vogel, Matt Schultz, Peter Vogel, Eric Ballweg, and Jay Thomsen.



LOUISIANA PUMP STATION

The project scope includes demolition of all mechanical and electrical equipment in the 70 year old master pump station including three Fairbanks sewage pumps, associated piping and valves and the upper level concrete decking.

SECTION 2

APPROACH TO THE PROJECT

2.1 Design Phase (Preconstruction Services)

2.1.1 Design Services

2.1.1.1 Evaluation of Engineering Deliverables

Vogel Bros. meticulously oversees the design evolution at various stages to ensure alignment with stakeholders' needs. At the 30% Design stage, a comprehensive review includes leveraging the requirement traceability matrix for constructability, procurement, risk, and value engineering evaluation. The outcomes, detailed in a report, offer alternative design and construction recommendations for enhanced cost, schedule, and constructability efficiencies. This package, featuring an updated requirement traceability matrix and design review log, is submitted for review and final determination by the city and the Engineer.

The meticulous approach continues with the 60% Design Review, mirroring the 30% design process. Vogel Bros. ensures adherence to stakeholders' requirements, addressing previous design comments and risks. A detailed report encompasses alternative recommendations, an updated requirement traceability matrix, risk register, value engineering alternatives, and design review log. The city and the Engineer will review this package, and based on their feedback, the 60% estimate is updated and resubmitted during the 90% design development as the Preliminary Guarantee Maximum Price (PGMP).

The 90% Design Review maintains rigorous scrutiny, aligning the design with stakeholders' requirements, addressing previous comments, and mitigating remaining risks. The report includes potential alternative recommendations and updates to matrices and logs. The confirmed PGMP is adjusted for contingencies and reserves based on the final 90% design. This comprehensive package is submitted for review and final determination by the city and the Engineer. BMI modeling may be used at this stage for clash detection and constructability review.

In the final stage, the 100% Design Review mirrors the 90% process. Vogel Bros. ensures alignment with stakeholders' needs, addresses previous comments, and mitigates remaining risks. The detailed report includes alternative recommendations, updated matrices, and logs, and undergoes a thorough review by the city and the engineer. Contingencies and reserves analysis are updated to reflect the remaining project risk exposure. This holistic process ensures a robust design that meets stakeholders' expectations and project efficiency goals.

2.1.2 Project Budget and Procurement

2.1.2.1 Cost Estimates and Guaranteed Maximum Price (GMP)

Cost estimates are generated early in the design process, specifically at the 30% Design deliverable, utilizing our estimating software ICE by MC2. This proactive approach enables the city to initiate fund identification for the impending construction phase. Each cost estimate includes a quantitative assessment of probable construction costs, contingencies to address identified risks, and management reserves for unforeseen circumstances. Our open book approach ensures transparency, providing the city with comprehensive

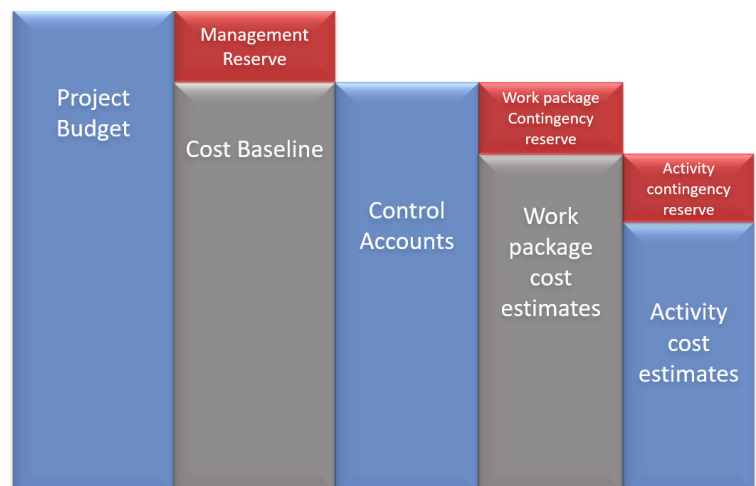


Figure 3: Project Budget and GMP Components

2.1.2.1 Cost Estimates and Guaranteed Maximum Price (GMP) (Cont.)

documentation supporting the estimated cost breakdown, including among others the basis of estimates, bid results, and vendor quotes.

The project’s cost estimates undergo regular updates with each design deliverable, aiming to provide a Guaranteed Maximum Price (GMP) at 90% design completion, contingent on the level of detail available at this stage. This commitment underscores our dedication to delivering accurate and transparent cost projections throughout the project lifecycle.

2.1.2.2 Competitive Bidding Process and Procurement Approach

Vogel Bros. will procure seller responses from vendors and subcontractors with a focus on timing to prevent schedule delays and overpricing due to late procurement. To achieve this, the following steps will be taken:

- Prequalify potential bidders and suppliers,
- Establish bid schedules.
- Prepare bid documents.
- Advertise bids and stimulate bidder’s interest.
- Conduct pre-bid conferences.
- Receive, review, and analyze bid responses, providing recommendations for award.



Figure 4: Procurement Life Cycle

2.1.2.3 Owner Direct Purchase (ODP)

Vogel Bros. actively encourages owners to leverage ODP laws and programs for tax savings. In supporting the City’s ODP program, we will oversee all bidding and purchasing services related to major equipment and materials. To facilitate the analysis and selection of ODP items, we will identify and list procurement items that offer significant savings. A detailed table will be provided, illustrating cost differences with and without ODP, along with individual and total savings on procurement. This comprehensive approach aims to optimize tax benefits and enhance overall project cost-efficiency.

2.1.2.4 Early Procurement Approach

Early Procurement serves as a strategic approach to cost savings and schedule reduction. During the 60% design review, Vogel Bros. will pinpoint equipment packages with extended lead times for early procurement. This proactive step mitigates schedule risks, minimizes cost fluctuations arising from market volatility, and reduces uncertainties. Examples of items suitable for early procurement in this project include electrical equipment, mechanical process equipment and valves, among others. Early procurement can be executed through ODP approaches or by incorporating “Early Procurement” allowances within the preconstruction services scope. This method ensures efficient project planning and risk mitigation.

2.1.2.5 Cost & Schedule Performance Baselines

Upon approval of the Guaranteed Maximum Price (GMP), all cost accounts will be integrated into the approved schedule baseline creating an integrated framework in Oracle Primavera P6 that establishes the cost and schedule baselines for effectively monitoring and controlling the project. We employ Earned Value Management (EVM) techniques in P6, in combination with our accounting software Acumatica to track actual costs, calculate cost and schedule performance indexes (CPI/SPI), and analyze various performance indicators and forecasting metrics such as variances, trends, and Estimate at Completion (ETC) among others to assess the status and health of the project. This integrated approach ensures rigorous oversight of metrics cost and schedule performance throughout the project lifecycle.

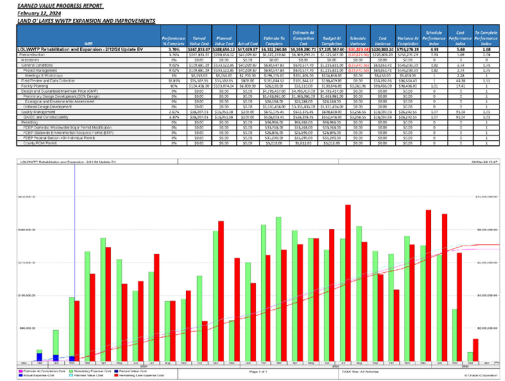


Figure 5: Earned Value Analysis (EVA)

2.1.3 Schedule

Vogel Bros. will create cost and resource-loaded schedules in Oracle Primavera P6 for comprehensive project monitoring and control using Earned Value Management (EVM). A baseline project schedule will be submitted to the city for review and approval, with subsequent monthly updates to track progress and adjustments. For more details about schedule monitoring and control, please refer to Section 4 "Schedule and Cost Control."

2.1.4 Reporting

Vogel Bros. will compile comprehensive monthly project status and progress reports, encompassing the following key elements:

- Work completed last period.
- Projection of anticipated work for the next reporting period.
- Budget status and Change Management
- Schedule update and time analysis
- Scheduled milestones and deliverables for upcoming periods.
- Critical activities look ahead.
- Issue Log
- Permit status
- Earned Value Analysis (EVA), including:
 - o Trend Analysis (when necessary)
 - o Variance Analysis (when necessary)
 - o Forecasting (when necessary)
 - o Reserves/Contingency Analysis
 - o What-If Scenario (when necessary)

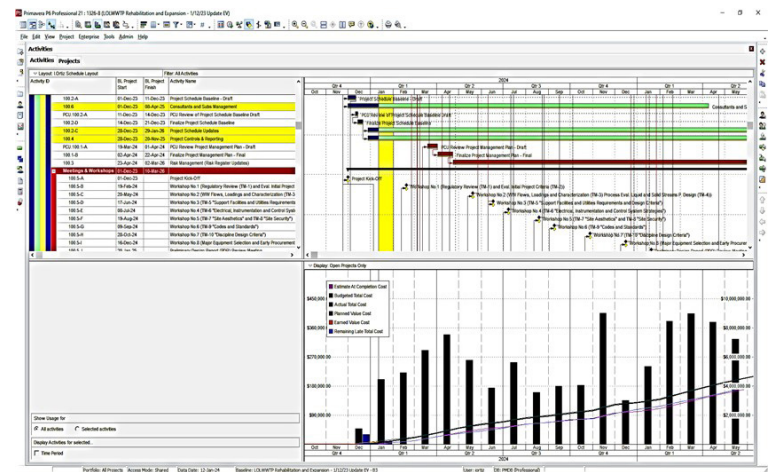


Figure 6: Cost Loaded Schedule in P6



Figure 7: Progress Report

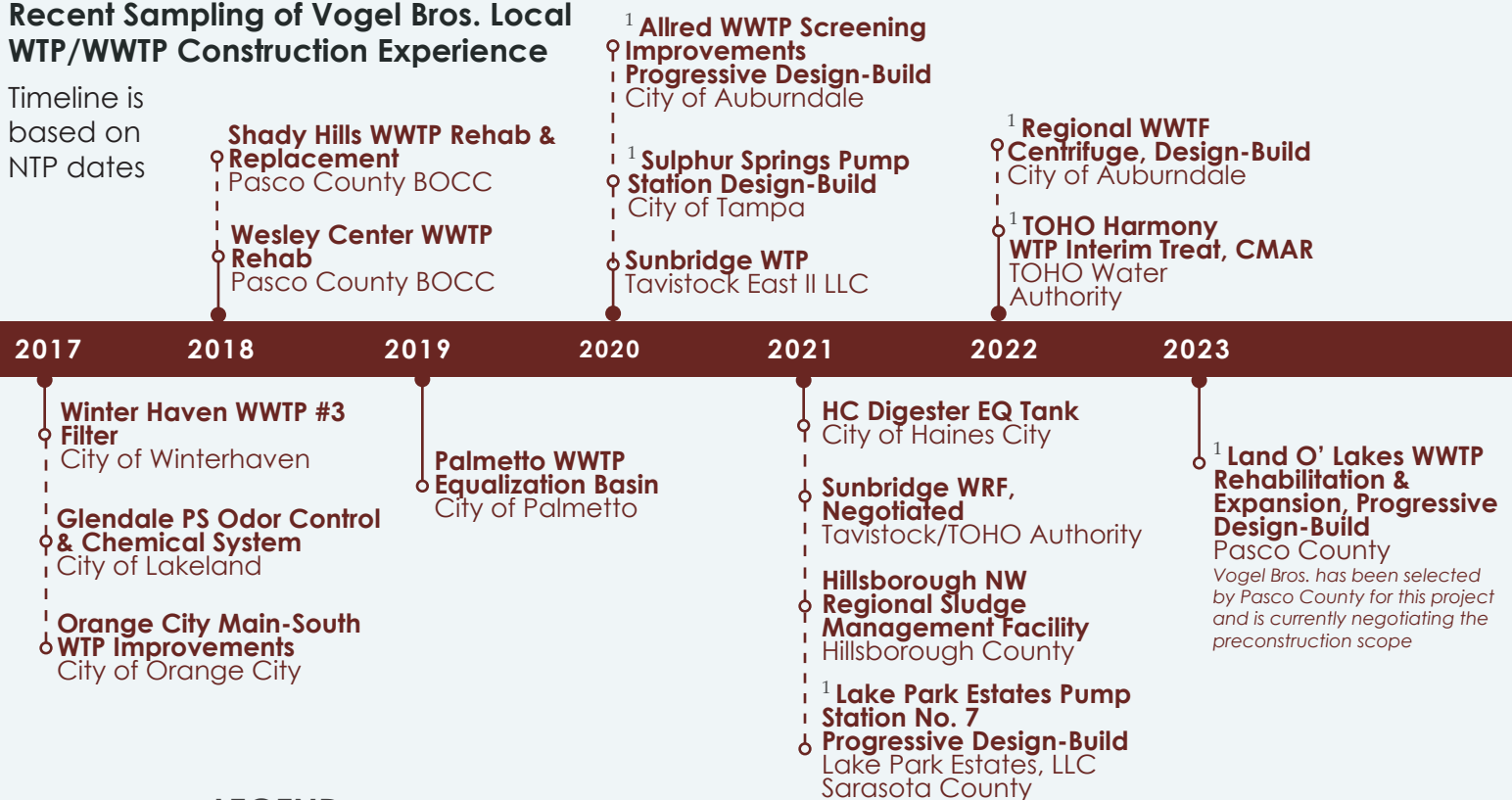
2.2 Collaborative Delivery Expertise

Vogel Bros. boasts a track record of successfully completing over **300** water and wastewater projects, totaling nearly **\$1 billion** in contracts. These projects vary in size from \$200,000 to over **\$75 million** and have been executed using diverse procurement approaches, including collaborative delivery methods such as Construction Manager-at-Risk (CMAR), fixed-price Design-Build, and Progressive Design-Build. Our consistent selection in qualification-based processes by clients is a testament to our reliability, expertise, and quality work demonstrated in projects completed for municipalities across Central Florida.

Our approach underscores the significance of forming a preconstruction team with extensive design experience, expertise, and a deep understanding of the design process. This emphasis on collaboration early in the project cultivates a detailed understanding of project goals. Our management plan ensures a seamless design and construction process, reflecting our commitment to deliver successful outcomes. We recently demonstrated successful collaboration through our involvement in two important projects for the city within this facility. The first project involved the **Haines City Reclaimed Water Ground Storage Tank** in partnership with **CHA**, while the second project focused on the **Haines City Digester Equalization Tank** in collaboration with Jones Edmund's.

Recent Sampling of Vogel Bros. Local WTP/WWTP Construction Experience

Timeline is based on NTP dates



Vogel Bros. has been selected by Pasco County for this project and is currently negotiating the preconstruction scope

LEGEND

¹ALTERNATIVE DELIVERY

2.3 Maintenance of Plant Operations (MOPO)

The maintenance of plant operations is identified as the primary risk for any water facility project, and we are aware of the potential impacts on the functionality of the Haines City Wastewater Treatment Plan. Our team, equipped with expertise and knowledge in water facilities, is committed to ensuring uninterrupted operations throughout the construction phase. Our Maintenance of Plant Operations (MOPO) planning initiates during preconstruction, involving a thorough review of design, constructability assessment, construction sequence, risks, and operational constraints.

As we examine the design, we identify work activities requiring additional measures to maintain plant operations, documenting them in a MOPO log for comprehensive tracking. Subsequently, we develop conceptual construction sequencing and phasing plans, further detailed into specific MOPO plans for each identified work item. Throughout the design and construction phases, collaboration with the engineer allows us to continually identify constructability risks and potential consequences, enabling the development of effective mitigation strategies.

Our team has already identified several MOPO challenges for the Haines City WWTP expansion project. These specific challenges, along with our approaches to manage them are outlined below:

Figure 8: MOPO Challenges and Key Construction Considerations

 <p>TIE-INS Installation of bypass pumping systems equipped with monitoring and backup capabilities to facilitate seamless tie-ins to the existing infrastructure. Tie-In activities will be coordinated to coincide with periods of low flow, ensuring minimal disruption to regular operations.</p>	 <p>STARTUP & COMMISSIONING To ensure smooth startup and commissioning of new process units, we propose the implementation of interconnection of process piping with essential valves. This setup will allow for effortless switching between existing and new units, providing a contingency plan to revert to the old unit if any challenges arise during the startup and commissioning phase.</p>			
 <p>PARALLEL WORK Construction of new headworks, Dewatering building, and other process systems will proceed concurrently with the New BNR and new Equalization basin sequence.</p>	 <p>COMMISSIONING OF BNR BASINS New BNR basins will be constructed and commissioned first to allow decommissioning of existing oxidation basins to repurpose them into new equalization tanks.</p>	 <p>COMMISSIONING OF EQUALIZATION TANKS Commissioning of new equalization tanks to enable decommissioning and conversion of the existing equalization tanks into new sludge holding tanks.</p>	 <p>DECISION ON SLUDGE HANDLING PAVILION Decision needed on relocating new sludge pavilion or providing temporary sludge transfer pumps and air/mixing for construction of new sludge handling pavilion.</p>	 <p>MINIMIZATION OF DISRUPTIONS To minimize disruptions to plant operations, pumps and other process units will be taken down one at a time for seamless incorporation of new work.</p>

2.4 Technology Capabilities

Vogel Bros. prioritizes robust IT infrastructure and software solutions to enhance project efficiency and security. Key aspects of our technology setup include:

- All computers run the latest, fully patched version of Windows 10.
- Internal servers operating on Windows Server 2022, fully patched.
- Network security features such as 2FA, EDR software, enterprise Firewalls, and DNS/Web Filtering.
- Acumatica: Construction edition for accounting software, offering a comprehensive solution covering financials, job cost accounting, accounts payable and receivable, and payroll.
- Procore utilized for Project Management, serving as the market leader in construction project management software, ensuring centralized project data accessibility and accurate information delivery.
- Full access to the Autodesk platform of software and BIM 360 for project collaboration, ensuring compliance with submission requirements, and clash detection.
- Adherence to data guidelines, with no Personally Identifiable Information sent over standard transmissions; secure file transfer protocol utilized for sensitive data and communication.
- Oracle Primavera P6 is employed for developing cost and resource-loaded schedules, allowing effective project monitoring, control, and reporting of overall progress using Earned Value Management (EVM).

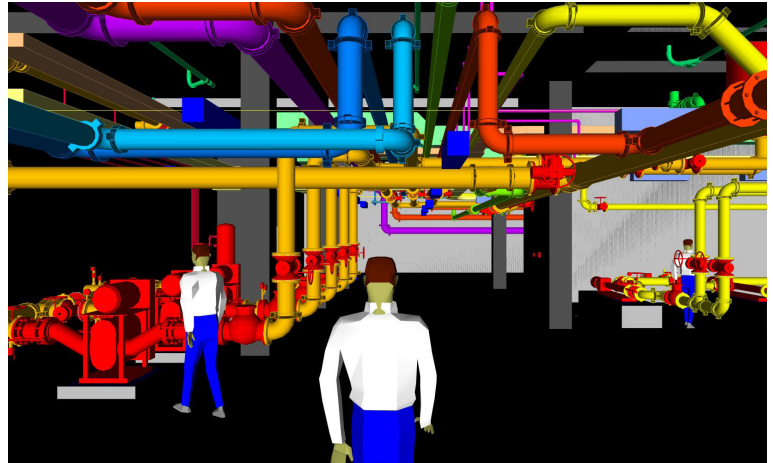


Figure 9: BIM Modeling

2.5 Project Management Approach

Vogel Bros. project management approach is based on the five (5) groups defined by the Project Management Institute (PMI) - Initiating, Planning, Executing, Monitoring & Controlling, and Closing. Figure 10 outlines the PMI process flow, which will be tailored specifically for the Haines City Wastewater Treatment Plant Expansion project.

2.5.1 Initiating

2.5.1.1 Identify and Engage Stakeholders:

During the initiating phase Vogel Bros. will identify stakeholders and create a stakeholder register. This register will be used to:

- Identify stakeholders who can provide information on the project requirements.
- Capture requirements and expectations that stakeholders have for the project.
- Enable the project team to identify the appropriate focus for engagement of each stakeholder or group of stakeholders.

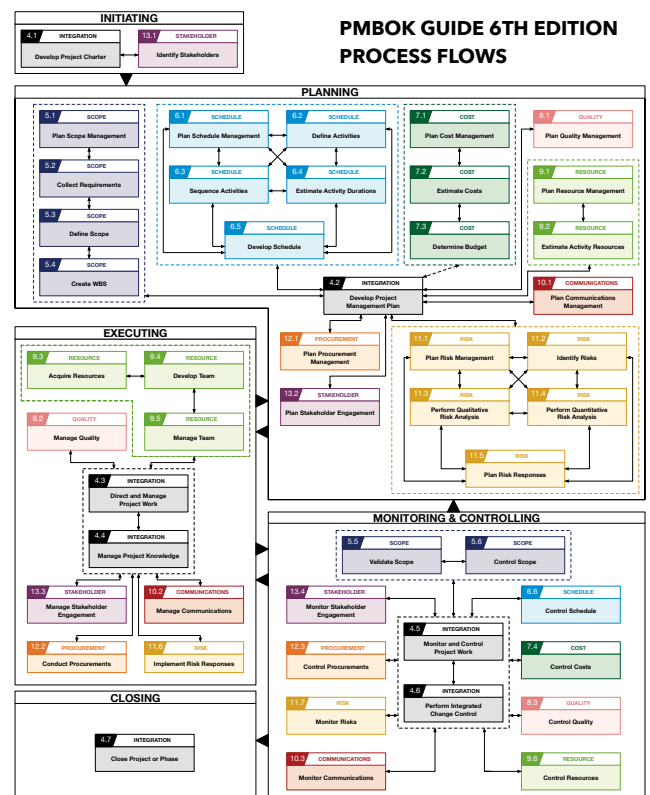


Figure 10: Project Management Process Flows

2.5.1.1 Identify and Engage Stakeholders (Cont.)

Vogel Bros places a significant emphasis on the identification of stakeholders, collection of requirements, and ensuring a thorough understanding of stakeholder expectations. **We firmly believe that the foundation of project success lies in the quality of requirement gathering, measured by the degree of satisfaction of stakeholder expectations.** This approach underscores our commitment to a comprehensive understanding of project needs and aligning them with stakeholder satisfaction for successful project outcomes.

2.5.2 Planning

2.5.2.1 Project Management Plan

During the Planning or preconstruction phase, Vogel Bros. will develop a project specific Project Management Plan, to define the basis of the work and how the work will be planned, executed, monitored & controlled, and closed. This document will be created in collaboration with the project team to holistically integrate in one document the following individual plans:

SCOPE MANAGEMENT PLAN that includes a Work Breakdown Structure (WBS), establishes how the scope baseline will be approved and maintained, specifies how formal acceptance of the completed project deliverables will be obtained, and a Requirements Traceability Matrix, which is a grid that links all requirements from their origin to the deliverables that satisfy them.

SCHEDULE MANAGEMENT PLAN describing how the schedule will be monitored, managed, and updated to achieve the project goals.

COST MANAGEMENT PLAN describing how and when cost estimates will be developed and methods that will be used to complete the project within the owner's budget.

QUALITY MANAGEMENT PLAN describing how applicable policies, procedures and guidelines will be implemented to achieve the project's quality objectives in addition to standards that will be used, quality roles and responsibilities, deliverables, and processes subject to quality review, quality tools that will be used for the project, and major procedures relevant for the project, such as dealing with non-conformance and corrective action procedures.

RESOURCE MANAGEMENT PLAN to define the guidelines on how project resources will be identified, categorized, allocated, managed, and released so that they are available when needed and released at the right time.

COMMUNICATIONS MANAGEMENT PLAN defining lines of communication and how project communications will be planned, structured, implemented and monitored for effectiveness.

RISK MANAGEMENT PLAN describing how risk management activities will be structured and performed.

PROCUREMENT MANAGEMENT PLAN defining the guidelines as to how procurement will be coordinated with other project aspects such as schedule, setting the timetable for key procurement activities, establish the performance metrics that will be used to manage subcontracts progress and performance, and identify constraints and assumptions that could affect planned procurement.

STAKEHOLDERS ENGAGEMENT PLAN describes approaches to promote productive involvement of stakeholders in decision making and execution.

ONCE COMPLETED, THE PROJECT MANAGEMENT PLAN WILL BE SUBMITTED FOR OWNER'S REVIEW AND APPROVAL.

2.5.2.2 Risk Register

A Risk Register will be developed as the risks are identified during the 30% design review process. The Risk Register is the tabulated representation of the results of the risk management activities performed throughout the project life cycle; and is one of the tools used by Vogel Bros. to monitor risk and implement responses, maintaining overall project risk exposure under the owner’s risk threshold. It is also in the risk register where Vogel Bros. generates contingencies or reserves analysis. We have already evaluated potential risks for this project and developed the draft Risk Register shown below.







POTENTIAL RISK IMPACTS AND RATING		RISK MITIGATION MEASURE
Supply chain issues and labor shortages Schedule and budget impact		1. Work with the Engineer and Owner on equipment preferences and define equipment performance needs early in the preconstruction phase to allow for early procurement. 2. Early Procurement Package with Owner Direct Purchase or Early procurement allowances to be included in the preconstruction budget. 3. Consider alternates for factory-to-site performance testing. Vogel Bros. self-performing and local crews.
Design decisions and changes Schedule and budget impacts		1. Avoid design changes by collecting and validating all stakeholders’ requirements and expectations early during the project initiation phase. 2. Record all approved requirements in the Requirement Traceability Matrix so we can link each requirement to the deliverable that satisfies them. 3. Workshops with all stakeholders to facilitate decision making.
Permitting delays Schedule impact		1. Encourage the Design Team to held Pre-application meetings during 30% design to ensure regulator’s requirements are included early in the design.
Interruptions to plant operations Plant upsets and potential permit violations		1. Detailed MOPO plan. Close coordination with the plant staff during design and construction to develop approaches that can hold downtime and bypasses to a minimum.
Startup and testing issues Schedule delays - inability to implement the improvements in a timely manner.		1. Timely submittal of start up/commissioning plan, preliminary O&M and other requirements necessary for start up based on Operator’s input and contract requirements. 2. Prepare precommissioning checklist for all systems and include these activities in the schedule to avoid being overlooked.
Unforeseen existing utility conflicts Schedule delays and budget impacts		1. Perform subgrade utility explorations (SUE) during the design phase to reduce probability of potential utility conflicts during the construction. This proactive approach allows for early identification of conflicts and design changes to occur in the design phase rather than in the construction phase.

Figure 11: Risk Register

2.5.3 Executing 2.5.3.1 Construction Approach

Vogel Bros. will lead and manage the process of performing the work defined in the project management plan providing an overall management of the project work and its deliverables. Key components of Vogel Bros. approach to construction are shown on figure 12 and in the subsequent subsections.

2.5.3.1.1 Construction Sequence & Phasing

Identifying and strategically planning construction sequencing and phasing are crucial aspects of projects conducted within active wastewater treatment facilities. Acknowledging the challenges of integrating new work into existing facilities without compromising operations and effluent quality, we have undertaken significant planning efforts. A preliminary construction sequence and phasing have been identified to minimize the impact on operations. However, it is essential to consider the following factors to accommodate the proposed construction sequence:

Process Mechanical Pipes Tie-Ins: Execution of tie-ins for process mechanical pipes should involve the use of necessary fittings and valve configurations. This approach ensures the continued operation of existing process units while seamlessly incorporating the new process units into the project.

Relocation of the New Sludge Handling Pavilion: The relocation of the new Sludge Handling Pavilion is necessary, with the proposed adjustment shifting it approximately 30 feet east from its original proposed location shown on the 90% drawings. This alteration is essential to free up space previously occupied by the existing Sludge Transfer Pump and Blower Building. By implementing this change, ongoing sludge processing operations can continue using the existing transfer pumps while the new Sludge Handling Pavilion is under construction. Alternatively, if relocation proves unfeasible, temporary bypass pumping can be considered to transfer sludge from tank 203 to the existing dewatering facility. Additionally, installing a temporary surface aerator/mixer in the tank enables the demolition of the current sludge transfer pumps and blowers, thereby facilitating the construction of the new Sludge Handling Pavilion within the same footprint.

Our approach is outlined on Figure 13.



Figure 12: Vogel Bros. Construction Approach Key Components

2.5.3.1.1 Construction Sequence & Phasing (Cont.)

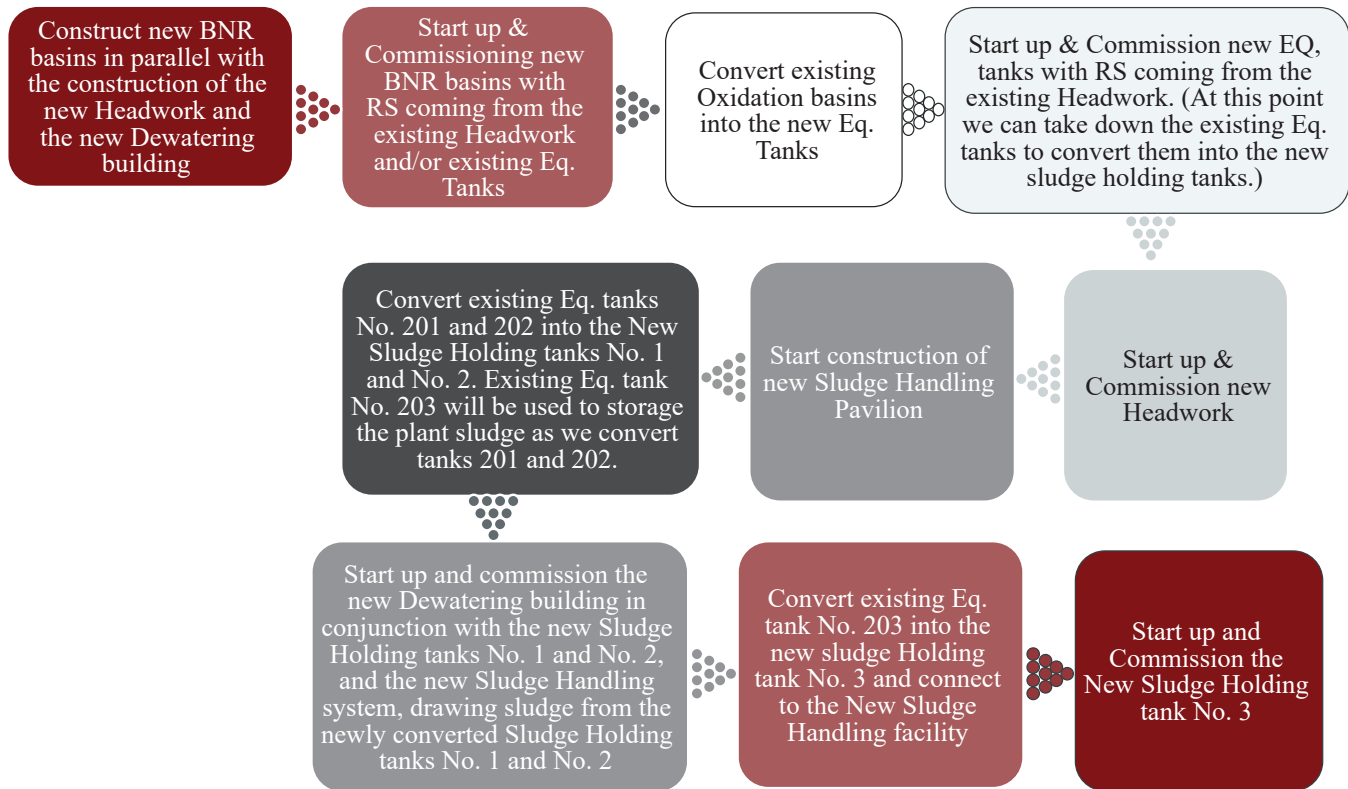


Figure 13: Critical Construction Sequence Diagram

The outlined construction sequence offers the City an effective means to achieve project goals, while minimizing project risks and enhancing overall plant reliability. It's important to note that this sequence exclusively addresses work packages within the critical path. Consequently, any additional work not delineated here is considered non-critical and can be executed in parallel with the activities incorporated into this sequence. This strategic approach ensures optimal efficiency in project execution.

2.5.3.2 Quality Control

Vogel Bros. is committed to closely monitor and document the outcomes of the quality management activities outlined in the project management plan. This ensures that project deliverables are not only complete and correct but also align with owner's expectations. Various tools such as checklists and check sheets, including design review logs, document tracking logs, requirements traceability matrix, and inspection reports, will be employed to record and track the results of the quality management activities.

The **design review** logs serve as a comprehensive record of comments and concerns identified during the design review process. All feedback is documented, allowing the design team to address and resolve each comment efficiently. The actions taken by the design team are transparently recorded in the log, and the QA/QC documents and logs are openly shared within the project team.

A **requirements traceability matrix** will be established to link all requirements from their origin to the deliverables that satisfies the requirement, ensuring that approved requirements are met at each project milestone.

A **Document Tracking** log will be maintained to record and track project documentation requirements throughout the contract. Regular updates to this log prevent any delays in the project schedule related to controllable conditions, specifically project documentation.

Internal and external inspections, as specified in the project management plan and contract documents, internal and third-party inspections will be conducted during construction. These inspections aim to verify compliance with documented standards and requirements for specific components, systems, and the overall project.

Figure 14: Design Review Log

Item No.	Originator	Description	Doc. Reference	Comment Location	Action By	Short description of how address and where the correction
1	L.Ortiz	Typo on third paragraph of the introduction	30% BODR-Draft	1.0	MKC	
2	L.Ortiz	Change Bardenpho basins for Aeration Basins	30% BODR-Draft	1.1	MKC	
3	L.Ortiz	Change verbiage for "PCU wishes to have a full plant capacity bypass by bypassing the headwork and conveying flows to both anoxic splitter boxes"	30% BODR-Draft	1.1	MKC	
4	L.Ortiz	Type on 1.2	30% BODR-Draft	1.2	MKC	
5	L.Ortiz	Add on 1.3 "PCU agreed with this recommendation."	30% BODR-Draft			
6	L.Ortiz	Rephrase to say: "The new HW facility will be design to provide the needed performance in terms of screenings capture rate (SCR) and grit removal at projected flows 2025 to 2045".	30% BODR-Draft	3.2	MKC	
7	L.Ortiz	Replace "Bardenpho" for "Biological". Our process in this plant is MLE not Bardenpho.	30% BODR-Draft	3.2	MKC	
8	L.Ortiz	Is there any way we can modify the HW channel configuration to accommodate the fine screens following the course screens and ahead of the grit chambers an still maintain minimum velocities requirements? If not, maybe potentially changing the type of fine screen. My concern with this is that having the fine screens after the grit chamber can lead to accumulation of debris in the grit trap, causing wear on equipment. Furthermore, it will affect grit quality in terms of volatile solids content in the grit (larger bar spacing -> higher VOC in the grit) and physical appearance (debris in the dewatered grit).	30% BODR-Draft	3.3	MKC	
9	L.Ortiz	If you switch the structural configuration/location of the fine screens and the grit chambers you can still maintain minimum velocities on fine screens with a wider channels for fine screens and also maintain the reliability of using either equipment/channel configuration without changing the type of screen (front/flow through). Please evaluate and update accordingly.		Fig. 3.2	MKC	
10	L.Ortiz	Influent Pipe is 36in, 42in or 30in? Figure 3-4, 3-2 and the BODR are not consistent.	30% BODR-Draft	Fig. 3.4	MKC	



WESLEY CENTER

Wastewater Treatment Plant

Pasco County BOCC selected Vogel Bros. to expand the Wesley Center Wastewater Treatment Facility from 6.0 million gallons per day average annual daily flow to 9.0 mgd AADF. The project included an additional 5% of owner contingency. The entire project was completed within the original contract time and budget including the additional work added by owner requested change orders.

SECTION 3

EXPERIENCE & EXPERTISE

PERSONNEL & TECHNICAL RESOURCES

WESLEY CENTER WASTEWATER TREATMENT PLANT

PLANT IMPROVEMENTS



Pasco County selected Vogel Bros. to expand the Wesley Center WWTF from 6.0 MGD to 9.0 MGD. The project included an additional 5% of owner contingency. **The entire project was completed within the original contract time and budget, no additive change orders.**

The project included construction of a new headwork consisting of a new cast-in-place concrete structure with two new mechanical course and two mechanical fine screens, all with dedicated compactors, one manual bar screen, two new grit collection units and grit classifiers and two new grit pumps, and new slide gates. Rehabilitation of all biological basins including draining, removing grit, cleaning, coating removal, concrete repair, installation of new fine bubble diffusers, piping, valves, modifications to the internal concrete walls, and new submersible mixers. Construction of a new blower building and installation of blowers and associated air piping to supply air to the biological basins.

Construction of two new chlorine contact tanks consisting of cast-in-place concrete, piping, valves, slide gates, vertical transfer pumps. Demolition and removal of existing internal recycle pump systems. Construction of two new dry pit pump systems including 5 pumps at each station. **Multiple pumping bypasses and temporary electrical connections were performed throughout the project with local and remote monitoring to accommodate the construction sequence while maintaining the facility in operations.**

Location

7501 Boyette Road
Wesley Chapel, FL

Owner

Pasco County BOCC
7536 State Street
New Port Richey, FL
Matthew Wetherington, PE
mwetherington@
pascocountyfl.net
727.247.0292

Team

- Darren Vogel, P.E., Project Executive
- Andrew Decker, Project Manager
- Luis Morales, Process Superintendent
Mike Brown, Structural Superintendent
TK Klangthamniem, Project Engineer

Size (approx.)

9 million gallons per day

Project Cost/CO Summary

\$29,347,000 (Original Budget)
\$29,171,000 (Final Cost)

Project Dates

April 2018 (Notice to Proceed)

June 2020 (Final Completion)

- *Personnel assigned to project*



VOGEL
BROS. BUILDING CO.

NEGOTIATED, SUNBRIDGE WRF WASTEWATER TREATMENT PLANT

NEW CONSTRUCTION



Based upon previous performance on the construction of the new WTF project, Tavistock selected Vogel Bros. to be the general contractor for the new WRF. Vogel Bros. provided preconstruction services during the design and permitting phase of the project. The initial design was a phased approach first employing the use of DAVCO units within the future clarifier. While this approach required less initial capital investment once all phases were completed the \$/treated MGD was too high. Therefore it was decided that building out the treatment trains for up to 3.5 MGD with pump capabilities of 1 MGD was the better use of the owner's resources. **Vogel Bros. staff worked in collaboration with the design team to modify the design to meet this intent in a period of only 6 months. With Vogel Bros. providing a GMP at 90% design.**

The Sunbridge WRF is proposed to be built in three phases with the second phase expanding to 3.5 MGD and the third phase providing an ultimate capacity of 7.0 MGD. The Sunbridge WRF is located in the Lake Okeechobee Watershed and must meet the new nutrient limits imposed by the Lake Okeechobee Basin Management Action Plan (BMAP). The first phase of the Sunbridge WRF will comprise a headwork, Modified Ludzack-Etinger (MLE) process, secondary clarifier, phosphorous precipitation, cloth media filters, chlorine contact basin, reclaimed water storage and pumping system, reject tanks, solids dewatering, and an aerated solids storage basin. This project also involved the installation of complicated mechanical process pipe ranging from smaller diameters up to 36-inch.

Location

2200 Sun Grove Ln.
St Cloud, FL 34771

Owner

Tavistock Development
6900 Tavistock Lakes
Boulevard
Suite 200
Orlando, FL 32827
Chris Wilson
cwilson@tavistock.com
407.466.4570

Team

- Darren Vogel, PE, Project Executive
- Andrew Decker, Project Manager
Rodney Ricketts,
Superintendent
TK Klang, Project Engineer
- Brian Veal, Estimator

Delivery Method

Preconstruction Services with a Construction Negotiated Lump Sum

Project Cost/CO Summary

\$36,016,165 (Original Budget)
\$37,270,006 (Final Cost)*
**includes \$1,253,841 of Owner's Requested Changes*

Project Dates

September 2020 (Notice to Proceed)
Spring 2024 (Final Completion)

- *Personnel assigned to project*



VOGEL
BROS. BUILDING CO.

BARTOW - DOUG ALLEN WATER RECLAMATION FACILITY - SBR IMPROVEMENTS

PLANT IMPROVEMENTS



The City of Bartow's Doug Allen Facility treats flows both from within the City's service area and from the adjoining Polk County Utilities service area. The intent of the project was to rehabilitate the facility that was constructed in the late 1990's and expand capacity from 4.0 MGD to 5.33 MGD. The City initially sent out RFQs and pre-qualified four contractors to bid on the project. Vogel Bros. submitted the lowest responsive bid and was selected for the project.

The initial design included the construction of one new SBR basin, rehabilitation of the three existing biological basins, rehabilitation of the chlorine contact chamber and effluent pumps, and conversion of the entire SCADA system. However, within a month of Vogel Bros. being selected for the project, the City removed the original EOR from the project. The City then entered into an agreement with Chastain-Skillman to take over as EOR for the project. During Chastain's review of the design it was determined that the as-bid design would not allow for the 5.33 MGD capacity the City required. Vogel Bros. and the City then negotiated a change order for Vogel Bros. to provide preconstruction and construction services for the design and construction of an additional SBR basin. Additionally, the entire SBR effluent conveyance system had to be redesigned to avoid significant existing conflicts and to allow the inclusion of the two new SBR basins. The City subsequently added rehabilitation to the existing headworks to include new screening and replacement of existing damaged gates.

While the initial delivery method for this project was design-bid-build, it quickly became a hybrid project with Vogel Bros. and Chastain-Skillman acting as a design build team to rectify the severe design deficiencies that were inherent in the original project design. **Multiple pumping bypasses and temporary electrical connections were performed throughout the project with local and remote monitoring to accommodate the construction sequence while maintaining the facility in operations.**

Location

2505 East Wabash St.
Bartow, FL 33830

Owner

City of Bartow
450 North Wilson Ave
Bartow, FL 33830
Wiley Pratt, CPM
863.534.0147
wpratt.wrf@cityofbartow.net

Team

- Darren Vogel, PE Project Executive
Jason Courtney, Project Manager
Michael Brown, Superintendent
- Brian Veal, Estimator
Steve Kobusch, Project Engineer

Size

5.33 million gallons per day

Project Cost/CO Summary

\$14,715,081 (Original Budget)
\$19,197,224 (Final Cost)*

*Includes \$4.48M of Owner's Requested Changes

Project Dates

August 2020 (Notice to Proceed)

October 2023 (Substantial Completion)

- Personnel assigned to project



VOGEL
BROS. BUILDING CO.

SANFORD NORTH WRF

CLASS A BIOSOLIDS MANAGEMENT SYSTEM

NEW CONSTRUCTION/PLANT IMPROVEMENTS



The City of Sanford has awarded Vogel Bros. the contract for constructing a new Class "A" Biosolids Management facility system at the Sanford North WRF.

The project entails the construction of a new Biosolids Management Facility building and the installation of an advanced Autothermal Thermophilic Aerobic Digestion (ATAD) System. This system comprises two ThermAer™ Reactors, a Storage Nitrification/Denitrification Reactor (SNDR), SNDR mixing pumps and equipment, SNDR foam control assembly, ThermAer™/SNDR reactor blowers, off-gas system, ThermAer™ reactor mixing pumps and equipment, ThermAer foam control assembly, cooling system equipment and heat exchanger, and an odor control system. Additionally, the existing biofiltration system was rehabilitated with the BioFiltAer™ system.

The project scope also includes the installation of a biosolids solar drying system complete with dewatering screw presses, conveyors, and all necessary electrical, controls, and instrumentation system upgrades to support the operation of the biosolids treatment and dewatering system as a cohesive unit. Modifications to the SCADA system are also incorporated to integrate the new biosolids facility into the city's integrated Supervisory, Control, and Data Acquisition (SCADA) system.

Process mechanical pipe tie-ins were meticulously scheduled during periods of low flow, and interconnection fittings were valved appropriately. This strategy enabled the facility to continue processing sludge seamlessly with the existing infrastructure while the construction of the new facility was underway.

Please note that the budget provided does not encompass the cost of the ThermAer™ Process equipment, Huber Solar Drying System, and the PW Tech Volute Dewatering Screw Presses and ancillary equipment, as these items were procured directly by the owner.

Location

1201 W Seminole Boulevard
Sanford, FL

Owner

City of Sanford
300 N. Park
Sanford, FL 32771
Michael Cannon
michael.cannon@sanfordfl.gov
407.688.5177

Team

- Darren Vogel, PE Project Executive
- Jason Courtney, Project Manager
- Mark Frost, Superintendent

Size (approx.)

7.3 million gallons per day

Project Cost/CO Summary

\$4,950,000 (Original Budget)

\$5,322,055 (Final Cost)*

**Includes \$372,055 of Owner's Requested Changes and design discrepancies.*

Project Dates

May 2018 (Notice to Proceed)
March 2022 (Final Completion)

- Personnel assigned to project



VOGEL
BROS. BUILDING CO.

BRADENTON WWTP SOLIDS HANDLING IMPROVEMENTS

PLANT IMPROVEMENTS



The City of Bradenton has chosen Vogel Bros. to undertake the modification of the sludge dewatering system at the Bradenton Wastewater Treatment Facility.

The scope of the project encompassed the demolition of two existing 2.0-meter Von Roll belt filter presses, along with associated flocculation tanks, belt conveyor, cake discharge chutes, polymer make-up and feed systems, control room, and all related concrete pads, piping, and motors. Additionally, the project included the installation of two new polymer blending systems, two horizontal screw presses, two dewatered cake pumps, a truck canopy, miscellaneous piping and valve modifications, and integration of the dewatering control system into the WWTF supervisory control and data acquisition (SCADA) system. Modifications to the electrical and control systems were made for the new dewatering system, with new control panels and a Control Room enclosure installed.

Temporary sludge dewatering units were provided to facilitate construction and ensure continued facility operation throughout the construction phase.

Location

Corner of 17th Ave W & US
301
Bradenton, FL

Owner

City of Bradenton
1411 9th St W.
Bradenton, FL 34205
Susan Hochuli
susan.hochuli@
cityofbradenton.com
941.915.1933

Team

- Darren Vogel, PE Project Executive
Jason Courtney, Project Manager
- Luis Morales, Superintendent

Size

9 million gallons per day

Project Cost/CO Summary

\$2,587,500 (Original Budget)

\$2,638,098 (Final Cost)*

*Includes \$50,598 of Owner's Requested Changes

Project Dates

March 2017 (Notice to Proceed)

August 2019 (Final Completion)

- Personnel assigned to project



SHADY HILLS WASTEWATER TREATMENT PLANT

PLANT IMPROVEMENTS



Vogel Bros. was selected by Pasco County as their general contractor to improve the Shady Hills WWTP. The project consists of replacing equipment at the existing Headwork, Anoxic & Aeration Basins, Anoxic Splitter Boxes, Classifiers, Grease & Septage Facility, & High Service Pump Station (HSPS). **Project was completed within the original budget and schedule, no additive change orders.**

Modifications at the Headwork included replacement of the existing screenings and compactors with a new screw conveyor, and washer compactor, replacement of the odor control system with a new chemical scrubber, repairs to existing slide, and addition of two new slide gates. Modifications at the biological basins included replacement of anoxic mixers, installation of new motorized valve operators, and replacement of all DO and ORP sensors & transmitters. Modifications at the Anoxic & Mixed Liquor Splitter Boxes consisted of installing new slide gates. Modifications at the Clarifier consisted of replacing the drive units and grout slope floor toppings. Modifications at the Grease & Septage Facility consisted of replacing four 20,000 gal FRP storage tanks and associated piping, replacing the hot water system, installation of a new trench drain system, replacement of the existing ventilation system, and replacement of grease drum.

Modifications at the HSPS included replacement of all existing 30" underground valves. Also, there were extensive electrical/I&C modifications associated with all of the above work as well as extensive power distribution modifications required for other unrelated plant systems. **Multiple pumping bypasses and temporary electrical connections were performed throughout the project with local and remote monitoring to accommodate the construction sequence while maintaining the facility in operations.**

Location

14220 Hayes Road
Spring Hill, FL

Owner

BOCC of Pasco County
7536 State Street
New Port Richey, FL 34654
Matthew Wetherington, PE
mwetherington@
pascocountyfl.net
727.247.0292

Team

- Darren Vogel, PE Project Executive
Paul Lacey, Project Manager
Joe Poulos, Superintendent
- Brian Veal, Estimator
Bruce Stenz, Project Engineer

Size (approx.)

14 million gallons per day

Project Cost/CO Summary

\$7,058,580 (Original Budget)
\$7,058,125 (Final Cost)

Project Dates

July 2018 (Notice to Proceed)
September 2020 (Final Completion)

- *Personnel assigned to project*



VOGEL
BROS. BUILDING CO.

MANATEE CO. SW WRF NITROGEN REMOVAL

PLANT IMPROVEMENTS



Vogel Bros. was selected to upgrade the Manatee Co. SW WRF facility to enhance the nitrogen removal process within the facility. Project included construction of two new Flow Splitter Box. Demolition of equipment and modifications on process piping. Installation of 32 mixers in Anoxic Basins, 4 NRCY Pumps in Aeration Basins. Demolition of existing air piping & diffusers in Aeration Basins, installation of 2 new turbo blowers in existing Blower Building. Installation of new stainless steel air piping and new diffusers in Aeration Basins. New 42-inch influent pipe to Headwork and 60-inch effluent steel pipe. Relocation of existing odor control unit. 3500 LF of new yard piping. New electrical, instrumentation and controls, general civil work.

Multiple **pumping bypasses and temporary electrical connections** were performed throughout the project with local and remote monitoring to accommodate the construction sequence and maintain the facility in operations. One of these **MOPOs** included the development and execution of a specific sequencing to incorporate the modifications on the Aeration Basins. **This sequence required to build a temporary/permanent structure on the outside of the Aeration Basins that allowed for the new work to be incorporated as the facility is maintained in operations.** This specific sequence helped to reduced the overall project duration and maintain the project on budget.

Location

5101 65th St. West
Bradenton, FL

Owner

Manatee County Public
Works Department
1022 26th Avenue E.
Bradenton, FL
Anthony Benitez
anthony.benitez@
mymanatee.org
941.708.7450

Team

- Darren Vogel, Project Executive
- Andrew Decker, Project Manager
TK Klang, Project Engineer
Mike Brown, Superintendent

Size (approx.)

15 million gallons per day

Project Cost/CO Summary

\$12,782,000 (Original
Budget)

\$12,904,471 (Final Cost)*

*Includes \$122,000 of Owner's
Requested Changes

Project Dates

November 2014 (Notice to
Proceed)

June 2017 (Final Completion)

- *Personnel assigned to project*



HILLSBOROUGH COUNTY NORTHWEST REGIONAL SLUDGE MANAGEMENT FACILITY

PLANT IMPROVEMENTS



Hillsborough County has selected Vogel Bros. for the construction of a new biosolids facility at the Northwest Regional WRF.

The project consisted of the construction of a new dewatering facility that consisted of the installation of four (4) new Fukoku Kogyo Company (FKC) screw presses; installation of two (2) new Florida Aquastore waste activated sludge storage tanks and diffuser systems; installation of three (3) new Aerzen blowers, silencers, process mechanical piping and appurtenances; installation of two (2) new Muffin Monster grinders; installation of pump station pumps, piping and appurtenances; installation of a new weigh-in-motion system and associated concrete road; installation of all new electric conduits, feeders, cabling and biosolids system associated instrumentation and controls. Process mechanical pipe tie-ins were meticulously scheduled during periods of low flow, and interconnection fittings were valved appropriately. **This strategy enabled the facility to continue processing sludge seamlessly with the existing infrastructure while the construction of the new facility was underway.**

It is important to note that the budget shown does not include the cost of the four (4) FKC screw presses which were purchased directly by the owner.

Location

11005 Dale Stitik Dr.
Tampa, FL 33626

Owner

925 E. Twiggs Street
Tampa, FL 33602
Kelly Kiner, DBIA
813.209.3067
kinerk@hcflgov.net

Team

- Darren Vogel, PE Project Executive
Brian Spaeder, Project Manager
- Nicole Batiste, Project Engineer
Corey Carter, Superintendent

Size

30 million gallons per day

Project Cost/CO Summary

\$12,129,426 (Original Budget)
\$12,641,203 (Final Cost)*

**Includes \$511,777 of Owner's Requested Changes and design discrepancies*

Project Dates

June 2021 (Notice to Proceed)

May 2023 (Substantial Completion)

- *Personnel assigned to project*



VOGEL
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CITY OF HAINES CITY

PROJECT EXECUTIVE

- Darren Vogel, PE

CONSTRUCTION QA/QC

- Andrew Decker

PRECONSTRUCTION MANAGER/ PROJECT CONTROLS

- Ibzan Ortiz, PE, PMP

PRECONSTRUCTION

COST ESTIMATING/GMP

- Brian Veal
- Bert Jaimes

CONSTRUCTABILITY REVIEWS

- Ibzan Ortiz, PE, PMP
- Darren Vogel, PE
- John Weir
- Christian Spires
- Luis Morales

PROJECT CONTROLS/RISK MANAGEMENT

- Ibzan Ortiz, PE, PMP

VALUE ENGINEERING

- Darren Vogel, PE

DESIGN REVIEW

- Ibzan Ortiz, PE, PMP
- Cogburn/BL Smith/Revere¹

CONSTRUCTION MANAGER

- Christian Spires

CONSTRUCTION

GENERAL SUPERINTENDENT

John Weir

SUPERINTENDENT

- Luis Morales

PROJECT CONTROLS/RISK MANAGEMENT

- Ibzan Ortiz, PE, PMP

SAFETY

- Daniel Vogel
- Luis Morales

PROJECT ENGINEER

Nicole Batiste

MOPO/START UP & COMMISSIONING

- Christian Spires
- Luis Morales

ELECTRICAL

Cogburn/BL Smith¹

I&C INTEGRATOR

McKim & Creed¹

LEGEND

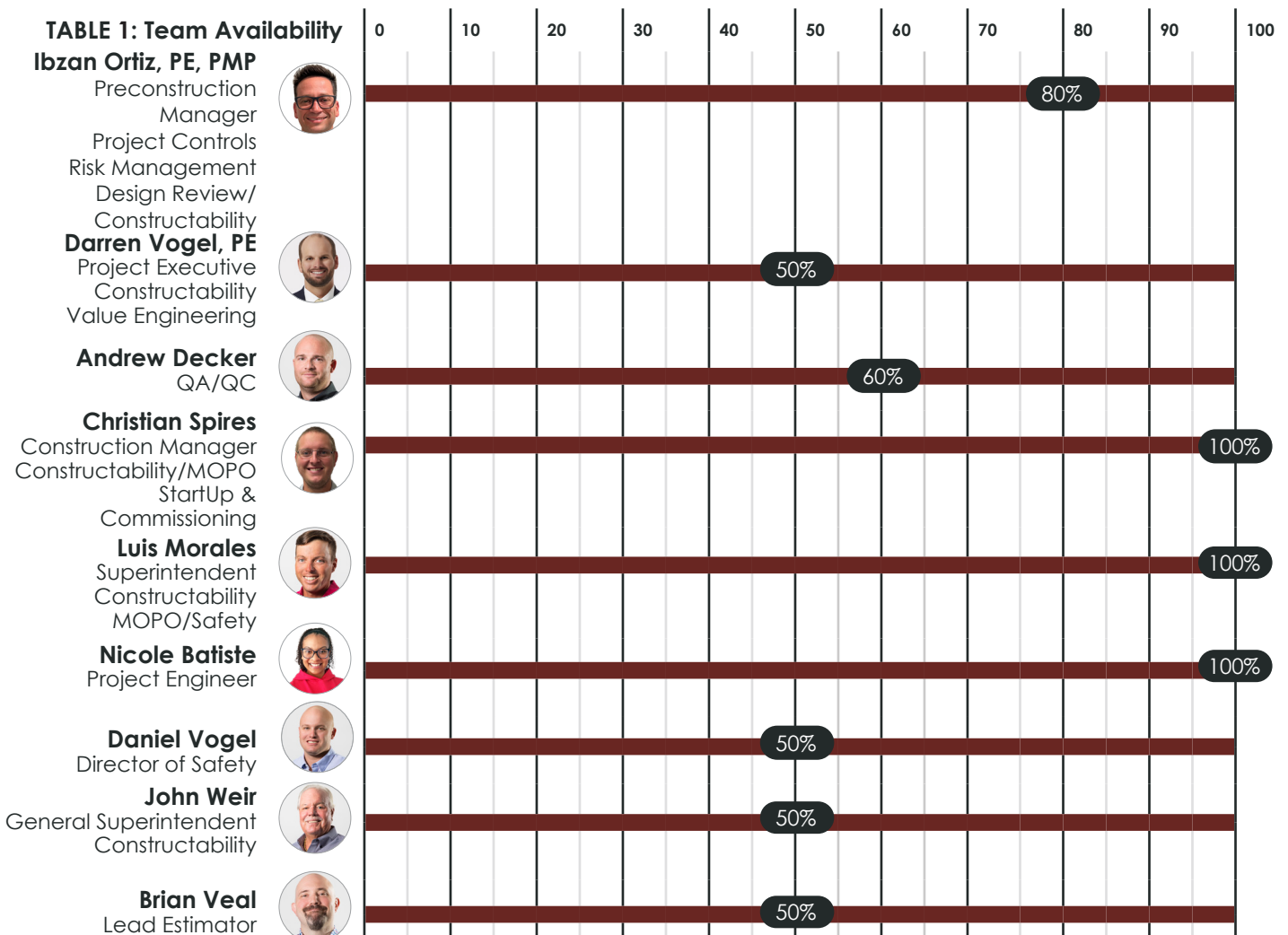
- KEY PERSONNEL
- ¹SUB CONTRACTOR

The Vogel Bros. Team Has the Availability and Capacity to Move Quickly

Our team recognizes the paramount importance of adhering to project schedules and drivers. After a thorough evaluation of everyone’s current and anticipated workload, we are confident that each team member possesses more than sufficient capacity to successfully complete the assigned tasks. Rest assured, our resources will remain dedicated to this project until its completion, and they are committed to fulfilling the designated time percentages.

The ample availability of our team members affords us the flexibility to promptly address your needs. Moreover, we pride ourselves on our adaptability and willingness to accommodate any changes in project conditions or constraints. We are fully committed to maintaining our focus on the needs and objectives of the program.

For your reference, Table 1 outlines the estimated percentage availability of each team key member as depicted on the organization chart.



Proficiency

As Vice President of Operations of the Florida Division, Darren Vogel has the principal responsibility for each Vogel Bros. Building Co. (VBBC) project. Prior to joining the VBBC team in 2012, Darren spent four years designing water and wastewater projects. With over 18 years of industry experience, he leverages his design, estimating, and construction experience to play an active role on all projects and will help guide your team through each phase of the project. He has extensive experience in industrial, heavy civil, commercial, and institutional construction, and has a thorough understanding of various trades and procedures necessary for completion of your project from conception to final closeout.



VICE PRESIDENT OF OPERATIONS

DARREN VOGEL PE

18 years
experience

Relevant Projects

Wesley Center WWTP Rehabilitation & Expansion, Pasco County Utilities

Construction of the \$30M project to expand the facility treatment capacity to 9 MGD. Project consisted of new headwork, conversion of the biological aeration system to bubble diffusers, new chlorine contact tank, conversion of the existing chlorination contact time to a backwash tank, new transfer pumps, high service pump station modifications, and all associated electrical and instrumentation & controls among others SCADA upgrades. Project was completed within the original contracted time and budget.

Shady Hills Rehabilitation, Pasco County Utilities

The rehabilitation of the existing 14 MGD WWTP. Work included replacing equipment at the headwork, anoxic & aeration basins, mix liquor splitter box, clarifiers, grease and septage facility, and high service pump station. Project included installation of new MCCs and replacement of several existing MCC line ups.

Sunbridge WRF, Tavistock/Toho

Construction of the new \$36M 3.5 MGD WRF for Tavistock Development. The plant will be handed over to Toho Water Authority to own and operate. Vogel Bros. staff was selected to provide preconstruction services through the course of the design and contracted to a construction GMP at 90% design.

Doug Allen SBR Improvements, City of Bartow

Rehabilitation and expansion of an existing SBR WWTP from 4.0 MGD to 5.33 MGD. Vogel Bros. staff second EOR Chastain-Skillman completed the design build of a second treatment train while constructing the original scope of work.

Reclaimed Water Ground Storage Tank and Pump Station, City of Haines City

Project involves enhancements and modifications to the reclaimed water storage and distribution system at the Haines City Wastewater Treatment Plant. The project primarily comprises the following components: 1. Construction of a new 3.0 MG prestressed concrete reclaimed water ground storage tank. 2. Installation of one (1) new transfer pump station within the existing concrete wet well. 3. Establishment of one (1) new high service transfer pump station. 4. Implementation of all associated yard piping, electrical, and I&C modifications. 5. Construction of a new flow diversion structure. In addition to the on-site improvements, the project includes the establishment of a new offsite booster pump station and the laying of 12-inch reclaimed water piping to connect to the existing irrigation system at the Southern Dunes Golf Course.

Basis of Selection

- Experience leading water/wastewater projects both as designer and contractor
- Experience with Federal & State funded projects
- Excellent leadership
- Familiarity with Haines City SOPs and the Haines City WWTF

Experience

18 years industry experience
14 years with Vogel Bros.

Education

University of Florida -
Gainesville | 2008

Master of Science:
Civil Engineering

University of Florida -
Gainesville | 2007

Bachelor of Science:
Civil Engineering

Enhancement

Professional Engineer - FL

American Red Cross First Aid
and CPR Training

Associated General
Contractors (AGC) of
Greater Florida

Lakeland Area Chamber of
Commerce

Lakeland South Rotary Club

National Utility Contractors
Association

OSHA 30

 FDEP State Revolving Funds

Proficiency

Ibzan brings over 20 years of extensive experience in the design, construction, and construction management of various water and wastewater projects. His expertise encompasses project management and project control skills, providing leadership to the CMAR team throughout the entire project life cycle. He work closely with the design and construction team to ensure the project approach is being delivered as planned and is effective as a mean to achieve the ultimate project performance goals and requirements.

As the Preconstruction Manager for the Florida Office, Ibzan holds primary responsibility for leading alternative delivery projects and overseeing the project controls department. Prior to joining Vogel in 2022, Ibzan accumulated two decades of experience working in various capacities for multiple engineering and construction firms. Notably, 18 of those years were exclusively focused on the water and wastewater industry.



PRECONSTRUCTION MANAGER/PROJECT CONTROLS

IBZÁN ORTIZ PE, PMP

20 years
experience

Relevant Projects

Embassy Hills WWTP Improvements, CMAR, Pasco County Utilities

Project manager for the preconstruction and construction phases of the \$25M CMAR project to rehabilitate and improve the EHWWT. This project was the first CMAR project for Pasco County Utilities and consist of the construction of a new electrical building, conversion of the biological aeration system to bubble diffusers, clarifier mechanism replacement, new influent and DNR pumps, new disk filters and plant-wide electrical and I&C Improvements.

Land O Lakes WWTP Rehabilitation & Expansion, Progressive Design Build, Pasco County Utilities

Design-Build Team Manager for the \$75M expansion. Project consist of the design and build of all process units required to expand the facility from 3.5MGD to 5MGD, to accomplish this a new headwork, a third biological basin, a third clarifier, IR pumps upgrade, new filters, expansion of chlorine contact basins, addition of transfer pumps and high service reclaimed water pumps must be necessary among all other associated process mechanical piping and equipment, as well as all electrical and instrumentation and control work to support the process.

Wesley Center WWTP Rehabilitation & Expansion, Pasco County Utilities

Project Manager for the construction phase of the \$30M project to expand the facility treatment capacity from 6 to 9 MGD. Project consisted of new headwork, conversion of the biological aeration system to bubble diffusers, new chlorine contact tank, conversion of the existing chlorination contact time to a backwash tank, new transfer pumps, high service pump station modifications, and all associated electrical and instrumentation & controls among others SCADA upgrades. Project also involved the installation of complicated process mechanical piping ranging in sizes from 2 to 36-inches.

Sergio Cuevas WTP Improvements and Expansion, Design-Build, PRASA

Design-Build Team Manager for a \$100M surface water treatment plan expansion. Project consisted on the construction of a new 50MGD distribution pump station, two(2) new 25MGD distribution/contact tanks, installation of complicated process mechanical piping of all sizes, ranging from 6 to 72-inches and different materials as ductile iron, PCCP, PVC and corrugated. Addition of four(4) new filter chambers, general site work, storm drainage, and a plant wide electrical and I&C improvement. Work sequence involved multiple bypasses and shutdowns to accommodate the expansion work.

Basis of Selection

- 20+ years of experience leading water and wastewater projects as a consultant, as a contractor and owner
- Significant experience leading design build teams and CMAR projects
- Excellent management and project controls skills
- Excellent communicator and always providing a high level of customer service
- Experience with federal and state funded projects

Experience

20 years industry experience
2 years with Vogel Bros.

Education

Polytechnic University of Puerto Rico | 2003

Bachelor of Science:
Civil Engineering

Enhancement

Professional Engineer -
FL #81537
PR #21300

Project Management
Professional - PMP

PMP #2804913

Qualified Stormwater
Management Inspector -
#38913

OSHA 30-HRS Construction
Safety & Health Certificate

Proficiency

Christian joined the team at Vogel Bros. in 2021 with a vast knowledge of the water and wastewater industry. His experience with projects throughout the Mid-West brings ample guidance and awareness of the practices and procedures for the constructibility of our work. His persistence and compassion has led him to be a great leader and successful mentor to those he works with. Christian is team oriented professional always striving to provide excellent project experiences for the clients we work with. As a Construction Manager, Christian oversees and directs the construction phase and work hand by hand with the preconstruction team providing construction insight for a better constructible design.



CONSTRUCTION MANAGER

CHRISTIAN SPIRES

10 years
experience

Relevant Projects



WWTF Digester to EQ Tank Conversion, Haines City

Vogel Bros. was selected as the general contractor to construct the process modifications to the Haines City WWTF. The project encompass the construction of a manual bypass/flow equalization system for the influent flow to the WWTF. Vogel Bros. was responsible for the installation of a line stop on the existing plant influent line to install a tee and gate valve to divert flow to an existing Pre-Aeration Tank. The existing tank platform was modified to support the bypass piping, four manual screens, screw conveyor, lighting, and a manual bar screen. The project also included the installation, and start-up of a pre-manufactured Equalization Transfer Pump Station Building that will pump the screened influent to three existing converted digester tanks for flow equalization and then from the new EQ tanks to the existing oxidation ditch.



WWTF Reclaimed Water Ground Storage Tank and Pump Station, Haines City

Project involves enhancements and modifications to the reclaimed water storage and distribution system at the Haines City Wastewater Treatment Plant. The project primarily comprises the following components: 1. Construction of a new 3.0 MG prestressed concrete reclaimed water ground storage tank. 2. Installation of one (1) new transfer pump station within the existing concrete wet well. 3. Establishment of one (1) new high service transfer pump station. 4. Implementation of all associated yard piping, electrical, and I&C modifications. 5. Construction of a new flow diversion structure. In addition to the on-site improvements, the project includes the establishment of a new offsite booster pump station and the laying of 12-inch reclaimed water piping to connect to the existing irrigation system at the Southern Dunes Golf Course.

TRICO WWTP Project

On-site management of various aspects of the project including construction of new RAS Building, 3- Final Clarifiers, VLR Basin, Grit Structure, Diversion Structure, upgrades to existing Headworks with 2 new Screens and Conveyor System, new NPW Well Pump Stations, and UV Upgrades.

- Managed owner and engineer relationships while on-site on behalf of the Contractor
- Created various installation drawings and testing plans/schedules for Underground and Exposed Piping



FDEP State Revolving Funds

Basis of Selection

- 10+ years of construction experience leading water and wastewater projects.
- Excellent management and communication skills.
- Experience with federal and state funded projects.
- Familiarity with Haines City SOPs and the Haines City WWTF

Experience

10 years industry experience
3 years with Vogel Bros.

Education

Indiana State University |
2012

Bachelor of Science:
Civil Engineering
and Construction
Management

Enhancement

Occupational Safety &
Health Administration
(OSHA) Safety Training, 30
hour course

American Red Cross First
Aid and CPR Training
and Blood Borne Pathogen
Certified

IWEA Committed 2019-2020
ACI Award Certification
HAZWOPER Certification

Proficiency

Luis Morales has worked in the water wastewater industry for 16 years. He has worked as project engineer, field engineer, and superintendent since having joined Vogel Bros. team in 2015. Owners who have worked with Luis have appreciated his management style, attention to detail, and extensive technical knowledge. He ensures your project goals are clearly communicated to the frontline craftworkers so that your vision is achieved. As Project Superintendent, Luis is responsible for the supervision of all construction activities. His full-time, on-site presence ensures the project team meets the goals and objectives for your project with a high level standard. His experience and knowledge help him develop strategies to keep your project on schedule and on budget. Luis is able to effectively plan and execute even the most complicated process system commissioning.

Relevant Projects

Wesley Center Rehabilitation & Expansion, Pasco County Utilities

Construction of the \$30M project to expand the facility treatment capacity to 9 MGD. Project consisted of new headwork, conversion of the biological aeration system to bubble diffusers, new chlorine contact tank, conversion of the existing chlorination contact time to a backwash tank, new transfer pumps, high service pump station modifications, and all associated electrical and instrumentation & controls among others SCADA upgrades. Project was completed within the original contracted time and budget.



Manatee Co. SWWRF Nitrogen Removal

Rehabilitation of an existing 15 MGD facility for the removal of excess nitrogen. When changed operational conditions prevented construction sequencing to follow initial design. Vogel Bros. staff and EOR designed and coordinated a new sequencing plan including the construction of an additional splitter structure to allow MOPO



WWTF Digester to EQ Tank Conversion, Haines City

Vogel Bros. was selected as the general contractor to construct the process modifications to the Haines City WWTF. The project encompass the construction of a manual bypass/flow equalization system for the influent flow to the WWTF. Vogel Bros. was responsible for the installation of a line stop on the existing plant influent line to install a tee and gate valve to divert flow to an existing Pre-Aeration Tank. The existing tank platform was modified to support the bypass piping, four manual screens, screw conveyor, lighting, and a manual bar screen. The project also included the installation, and start-up of a pre-manufactured Equalization Transfer Pump Station Building that will pump the screened influent to three existing converted digester tanks for flow equalization and then from the new EQ tanks to the existing oxidation ditch.



FDEP State Revolving Funds



SUPERINTENDENT
LUIS MORALES

16 years
experience

Basis of Selection

- Experience with Federal & State funded projects
- Excels at leading and coordinating start up and commissioning of facility
- Excels at developing unique solutions to resolve field challenges
- Significant experience providing constructability review

Experience

16 years industry experience
8 years with Vogel Bros.

Education

University of Central Florida
| 2007

Bachelor of Science:
Civil Engineering

Enhancement

Occupational Safety & Health Administration (OSHA) 10 and 30 Hour Authorized Trainer, Course #501

American Red Cross First Aid and CPR Training

AGC Supervisory Training Program

Advanced Work Zone Traffic Control

Board of Certified Safety Professionals (BCSP) - Associate Safety Professionals ASP

Board of Certified Safety Professionals (BCSP) - Construction Health and Safety Technician (CHST)

Proficiency

Andrew brings more than 14-years of experience leading projects from conception to completion. He has exclusively dedicated to the water and wastewater industry serving in many roles including project manager, field engineer, and quality control specialist. Although, Andrew has credentials and qualifications to serve in many roles within any given project, we have decided to utilize Andrew's background and expertise to serve the project as our Quality Control Manager, leading the QA/QC efforts. Andrew, will work closely with the project team to ensure the work is being performed with the highest quality standards. He will lead the Vogel Bros. inspection program, and will be the one in charge of notifying the owner and the engineer, each time any project component have been deemed ready for owner inspection and acceptance.



QA/QC MANAGER

ANDREW DECKER

14 years
experience

Relevant Projects

Wesley Center WWTP Rehabilitation & Expansion,
Pasco County Utilities

Construction of the \$30M project to expand the facility treatment capacity to 9 MGD. Project consisted of new headwork, conversion of the biological aeration system to bubble diffusers, new chlorine contact tank, conversion of the existing chlorination contact time to a backwash tank, new transfer pumps, high service pump station modifications, and all associated electrical and instrumentation & controls among others SCADA upgrades. Project was completed within the original contracted time and budget.

Sunbridge WRF, Tavistock/Toho

Construction of the new \$36M 3.5 MGD WRF for Tavistock Development. The plant will be handed over to Toho Water Authority to own and operate. Vogel Bros. staff was selected to provide preconstruction services through the course of the design and contracted to a construction GMP at 90% design.



Manatee Co. SWWRF Nitrogen Removal

Rehabilitation of an existing 15 MGD facility for the removal of excess nitrogen. When changed operational conditions prevented construction sequencing to follow initial design. Vogel Bros. staff and EOR designed and coordinated a new sequencing plan including the construction of an additional splitter structure to allow MOPO

Sunbridge WTF, Tavistock/Toho

Construction of a new 1 MGD expandable to 7 MGD water treatment facility. The plant uses a Ozone treatment process. Including liquid oxygen (LOX) storage and delivery system, ozone generators, power supply units, cooling water systems, side stream injection system, ozone dissipation chambers, and ozone destruct units.

Manatee Equalization Tank Project

Rehabilitation and expansion of the front end of the Manatee North Water Reclamation Facility. The project included the construction of three new one million gallon glass lined tanks with compressed air mixing system and transfer pump station. Headworks modifications included a bypass to allow for the installation new slide gates to allow for better isolation and operation.



FDEP State Revolving Funds

Basis of Selection

- Extensive experience managing expansion and rehabilitation of similar size water/wastewater facilities
- Experience with Federal & State Funded Projects
- Excellent project control skills

Experience

14 years industry experience
9 years with Vogel Bros.

Education

Brigham Young
University of Idaho |
2009

Bachelor of Science:
Construction
Management

Enhancement

Occupational Safety &
Health Administration
(OSHA) Safety Training,
30 hour course

American Red Cross First
Aid and CPR Training

Safety Trained Supervisor
Certification

AGC Project
Management Course

Proficiency

Brian Veal joined the Vogel Bros. Building Co. team in 2018 as Lead Estimator of our Florida office. He has held numerous roles throughout his professional career that have prepared him for the role of Lead Estimator at VBBC. As Lead Estimator, Brian is responsible for developing and maintaining VBBC's historical cost data, sub contractor database, and estimating software systems. Understanding your vision for your project is instrumental to its success. Through evaluation and alignment of the goals, budget, and schedule, we can meet your needs and expectations. As lead Estimator, Brian continually monitors the marketplace and evaluates the strengths of the various subcontractor trades. Cost control is a continuous process throughout the design and construction phases, and Brian will work with you and the architect/engineer to maintain budgets and coordinate project scope. He provides detailed cost information for alternative systems and materials being considered so all final selections fit within your budget and meet your goals.



LEAD ESTIMATOR **BRIAN VEAL**

22 years
experience

Relevant Projects

Wesley Center WWTP Rehabilitation & Expansion, Pasco County Utilities

Construction of the \$30M project to expand the facility treatment capacity to 9 MGD. Project consisted of new headwork, conversion of the biological aeration system to bubble diffusers, new chlorine contact tank, conversion of the existing chlorination contact time to a backwash tank, new transfer pumps, high service pump station modifications, and all associated electrical and instrumentation & controls among others SCADA upgrades. Project was completed within the original contracted time and budget.

Shady Hills Rehabilitation

The rehabilitation of the existing 14 MGD WWTP. Work included replacing equipment at the headwork, anoxic & aeration basins, mix liquor splitter box, clarifiers, grease and septage facility, and high service pump station. Project included installation of new MCCs and replacement of several existing MCC line ups.

Sunbridge WRF, Tavistock/Toho

Construction of the new \$36M 3.5 MGD WRF for Tavistock Development. The plant will be handed over to Toho Water Authority to own and operate. Vogel Bros. staff was selected to provide preconstruction services through the course of the design and contracted to a construction GMP at 90% design.



Sanford North WRF

Integration and construction of a Fixed-Fil Activated Sludge Process (IFAS) BNR Treatment System. At the City's 7.3 MGD wastewater facility.



Doug Allen SBR Improvements, City of Bartow

Rehabilitation and expansion of an existing SBR WWTP from 4.0 MGD to 5.33 MGD. Vogel Bros. staff second EOR Chastain-Skillman completed the design build of a second treatment train while constructing the original scope of work.



FDEP State Revolving Funds

Basis of Selection

- Experience creating GMPs and project estimates on projects ranging from \$2M to \$150M
- Over a decade of professional relationship with most major equipment vendors in the Florida market
- Experience with Federal & State funded Projects

Experience

22 years industry experience
5 years with Vogel Bros.

Education

East Carolina University |
2001

Bachelor of Science:
Construction
Management

Enhancement

Occupational Safety &
Health Administration
(OSHA) Safety Training, 30
hour course

Occupational Safety &
Health Administration
(OSHA) Safety Training, 10
hour course

American Red Cross First
Aid and CPR Training

OSHA Competent Person

Proficient in P6, PlanSwift
and ICE Estimating Software

Proficiency

John Weir brings 30 years of industry experience, having worked on various projects as mechanical superintendent, project superintendent and senior project superintendent since joining the Vogel Bros. Building Co. team in 2013. His unique approach to management empowers the craft workers. By leveraging his extensive experience, he is able to successfully coach and mentor all those in the field. John is responsible for the supervision and coordination of all Vogel Bros. Building Co.'s field operations. He works closely with both the office and field staff to oversee the manpower and construction activities on your project. Additionally, he is responsible for ensuring our beliefs, values, mission and vision are understood by the craft workers in the field. He uses them to promote a safe, caring and ethical culture so that the craft workers understand your goals and perform their best on your project.

Relevant Projects

Wesley Center WWTP Rehabilitation & Expansion,
Pasco County Utilities

Construction of the \$30M project to expand the facility treatment capacity to 9 MGD. Project consisted of new headwork, conversion of the biological aeration system to bubble diffusers, new chlorine contact tank, conversion of the existing chlorination contact time to a backwash tank, new transfer pumps, high service pump station modifications, and all associated electrical and instrumentation & controls among others SCADA upgrades. Project was completed within the original contracted time and budget.

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Sunbridge WTF, Tavistock/Toho

Construction of a new 1 MGD expandable to 7 MGD water treatment facility. The plant uses a Ozone treatment process. Including liquid oxygen (LOX) storage and delivery system, ozone generators, power supply units, cooling water systems, side stream injection system, ozone dissipation chambers, and ozone destruct units.



FDEP State Revolving Funds



GENERAL SUPERINTENDENT
JOHN WEIR

30 years
experience

Basis of Selection

- Extensive experience in field coordination
- Excels at developing unique solutions to resolve field challenges
- Significant experience providing constructability review
- Experience with Federal & State funded projects

Experience

30 years industry experience
10 years with Vogel Bros.

Enhancement

Occupational Safety & Health Administration (OSHA) Safety Training, 30 hour course

American Red Cross First Aid and CPR Training

4 Year Pipefitter/
Millwright Journeyman

Scaffold Regulation
Training

Safeway, 2015

Safety Leadership
Development,
Construction Site Safety
Orientation, JEA - BJP
Safety Orientation

Proficiency

Daniel Vogel has worked as a laborer, pipe layer, safety specialist, and director of safety since joining the Vogel Bros. Building Co. (VBBC) team in 2016. He has extensive field and office experience working in the industrial, heavy civil, and commercial markets. His time spent in the field has provided him with a unique insight into the hazards associated with day-to-day field activities. As Director of Safety, Daniel is responsible for carrying out proper coordination, management and implementation of comprehensive training policies in industrial, occupational and environmental safety. He works with VBBC field staff and trade partners to make sure OSHA health and safety standards are maintained and adhered to throughout the completion of your project.



DIRECTOR OF SAFETY
DANIEL VOGEL

7
years
experience

Relevant Projects

Wesley Center Rehabilitation & Expansion

Construction of the \$30M project to expand the facility treatment capacity to 9 MGD. Project consisted of new headwork, conversion of the biological aeration system to bubble diffusers, new chlorine contact tank, conversion of the existing chlorination contact time to a backwash tank, new transfer pumps, high service pump station modifications, and all associated electrical and instrumentation & controls among others SCADA upgrades. Project was completed within the original contracted time and budget.

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Sunbridge WRF

Construction of the new \$36M 3.5 MGD WRF for Tavistock Development. The plant will be handed over to Toho Water Authority to own and operate. Vogel Bros. staff was selected to provide preconstruction services through the course of the design and contracted to a construction GMP at 90% design.

Doug Allen SBR Improvements

The intent of the project was to rehabilitate the facility that was constructed in the late 1990's and expand capacity from 4.0 MGD to 5.33 MGD. The initial design included the construction of 1 new SBR basin, rehabilitation of the three existing basins, rehabilitation of the CCC and effluent pumps, and conversions of the entire SCADA system. However, within a month of Vogel Bros. being selected for the project the City removed the original EOR for the project. The City then entered into an agreement with Chastain-Skillman to take over as EOR for the project. During Chastain's review of the design it was determined that the as bid design would not allow for the 5.33 MGD capacity the City required. Vogel Bros. and the City then negotiated a change order to provide preconstruction and construction services for the design and construction of an additional SBR basin. Additionally, the entire SBR effluent system to the transfer basin had to be redesigned to avoid significant process conflicts.

Basis of Selection

- Experience with Federal & State funded projects
- Extensive field experience which allows him to effectively coordinate site safety efforts with all VBBC staff and trade partners
- Excels at developing and implementing site specific EHS plans that effectively control the hazards associated with the project

Experience

7 years industry experience
7 years with Vogel Bros.

Education

Polk State College | 2017
Bachelor of Applied Science:
Business Administration

Enhancement

Occupational Safety & Health Administration (OSHA) Safety Training, 30 hour course

Occupational Safety & Health Administration (OSHA) 10 and 30 Hour Authorized Trainer, Course #501

American Red Cross First Aid and CPR Training

Associated General Contractors (AGC) Safety Management Training Program

Crane Institute of America Rigger/Signal person Trainer Certification

Associated Builders and Contractors (ABC) Florida Gulf Coast Chapter

Advanced Work Zone Traffic Control



FDEP State Revolving Funds

Proficiency

Nicole brings over 10+ years in the Construction industry experience having held the position of Operations Management, Acquisitions and Procurement Specialist, Logistics Coordinator for the Department of the U.S. Air Force. Since having joined Vogel Bros in 2020 she has been assisting the project managers as a Project Engineer in our water/wastewater Florida division. As Project Engineer, Nicole assists the Project Manager and Superintendent with the Daily operations, submittal preparation and review, RFI's, procurements, permits, project closeout, and maintaining the overall project schedule.



PROJECT ENGINEER

NICOLE BATISTE

10 years
experience

Relevant Projects

Manatee County, NWRP Headworks, Clarifiers, and CCC Improvements

Project consisted in the addition of a second grit removal system including a Grit Concentrator, Slurry Cup, Grit Snail, grit pumps and all associated piping. Work also includes odor control ductwork modifications, stairway platform extension, trash chute modifications, and lighting replacements. Additionally, work includes yard piping modifications near the Headworks. Work includes the integration of new equipment with the plant's SCADA system. Refurbished of clarifier and Chlorine Contact Chamber structure, clarifier mechanisms replacements and CCC gates and equipment replacement. Structure and mechanism replacement. Work also included the installation of complex process mechanical yard piping from 20 to 36-inches. Project cost was approximately \$5.1M.



WWTF Digester to EQ Tank Conversion, Haines City

Vogel Bros. was selected as the general contractor to construct the process modifications to the Haines City WWTF. The project encompass the construction of a manual bypass/flow equalization system for the influent flow to the WWTF. Vogel Bros. was responsible for the installation of a line stop on the existing plant influent line to install a tee and gate valve to divert flow to an existing Pre-Aeration Tank. The existing tank platform was modified to support the bypass piping, four manual screens, screw conveyor, lighting, and a manual bar screen. The project also included the installation, and start-up of a pre-manufactured Equalization Transfer Pump Station Building that will pump the screened influent to three existing converted digester tanks for flow equalization and then from the new EQ tanks to the existing oxidation ditch.



WWTF Reclaimed Water Ground Storage Tank and Pump Station, Haines City

Project involves enhancements and modifications to the reclaimed water storage and distribution system at the Haines City Wastewater Treatment Plant. The project primarily comprises the following components: 1. Construction of a new 3.0 MG prestressed concrete reclaimed water ground storage tank. 2. Installation of one (1) new transfer pump station within the existing concrete wet well. 3. Establishment of one (1) new high service transfer pump station. 4. Implementation of all associated yard piping, electrical, and I&C modifications. 5. Construction of a new flow diversion structure. In addition to the on-site improvements, the project includes the establishment of a new offsite booster pump station and the laying of 12-inch reclaimed water piping to connect to the existing irrigation system at the Southern Dunes Golf Course.



FDEP State Revolving Funds

Basis of Selection

- 10+ years of construction experience with federal, state and local governmental entities.
- Significant experience with federal and state environmental compliance rules.
- Significant experience with water permit and FDEP water regulations.
- Experience with federal and state funded projects and their reporting requirements

Experience

10 years industry experience
4 years with Vogel Bros.

Education

Northwest Florida State College | 2004

A.A. General Education

California Coast University | 2007

A.S. Psychology

Enhancement

Occupational Safety & Health Administration (OSHA) Safety Training, 30 hour course

American Red Cross First Aid and CPR Training



DEER PARK DIVERSION/TIMBER GREENS

Master Pump Station & Utility Communications

The new master lift station consisted on the construction of a new triplex submersible pump station with underground utility work and all associated electrical and instrumentation. To address the challenges presented by the high water table on sandy soils, a combination of well points and slide rails was utilized to dewater the subgrade and complete the excavation for the installation of the new wetwell.

SECTION 4

SCHEDULING AND COST CONTROL

4.1 Project Controls (Holding project on schedule and within budget)

Vogel Bros. will create cost and resource-loaded schedules in Oracle Primavera P6 for comprehensive project monitoring and control using Earned Value Management (EVM). The integrated project schedule encompasses trade contractors, procurement activities, preconstruction and engineering tasks, owner activities, permitting, and other external stakeholder activities impacting the project schedule. This master schedule serves as a framework for generating performance indicators, facilitating EVM analysis, performance assessment, and forecast development based on historical performance. This project controls approach will allow stakeholders to understand the current state of the project, to recognize the actions taken to address any performance issues, and to have visibility into the future project status with cost and schedule forecasts. P6 in combination with some desktop Excel Macros provides the framework to assess and report the overall project health. Some of the reports that will be generated, and their uses are:

CASH FLOW CURVES

- To provide the owner with a forecast of the anticipated expenditures in functions of the project time. This allows the owner to plan their budget in complete coordination with the project schedule ensuring that funds are available just at the time needed not before or after. Encumbering large amount of funds too early in the project can result in liquidity constraints for the owner.

EARNED VALUE ANALYSIS

- To calculate schedule and cost variances as well as the Schedule Performance Index (SPI) and Cost Performance Index (CPI) to determine the magnitude of variation to the original schedule and cost baselines.

TREND ANALYSIS

- To examine the project performance over time and determine whether performance is improving or deteriorating.
- Graphical representation of these trends will be provided to understand performance to date for comparing for future performance goals in the form of Budget at Completion vs Estimate at Completion.

VARIANCE ANALYSIS

- To:
- Determine the cause and degree of variances relative to the schedule baseline.
 - Determine the budget deficit or surplus at any given point in time.
 - Estimate the implications of those variances for future work.
 - Decide whether corrective or preventive actions are required.

WHAT-IF SCENARIO

- May be used as needed to assess various scenarios guided by the outcomes of the risk management processes to bring the schedule into alignment with the approved baseline.

FORECASTING

- Schedule forecast will be generated based on work performance information available as the project is executed.
- Cost forecasting will be completed by developing a forecast for the estimate at completion (EAC) that may differ from the budget at completion (BAC) based on the project performance.

RESERVES ANALYSIS

- To monitor the status of project contingency and determine if remaining reserves are still needed and are sufficient to cover the remaining project risk or if additional reserves may be necessary.

4.1.1 Control Procurement (Subcontractors & Vendors)

To ensure that all subcontractors' and vendors' performance meets the project needs and requirements, Vogel Bros. will manage procurement relationships, monitor subcontractor and vendor contract performance, and will make changes and corrections as appropriate. To accomplish this Vogel Bros. will use data analysis techniques such as:

- **PERFORMANCE REVIEWS** will be used as a contract measure to compare and analyze quality, resource, schedule, and cost performance against the agreement. This includes identifying work areas or packages that are ahead or behind, over or under budget, or have resource or quality issues.
- **EARNED VALUE ANALYSIS (EVA)** - Schedule and cost variances along with schedule and cost performance indexes will be calculated for each subcontractor and critical vendor to determine the degree of variance from target and be able to identify the appropriate changes to get back on track.
- **TREND ANALYSIS** will be used to develop cost and schedule forecasts to see if performance is improving or deteriorating.

Our Quality Control team conducts inspections of self-perform and subcontractor work at different stages to ensure clear understanding within the craft members and minimize rework. They also inspect equipment and materials upon arrival at the project site to ensure compliance with purchase orders and project requirements before incorporation into the work.

Vogel Bros. will continually monitor the schedule and costs to proactively manage any potential impact to maintain both schedule and cost baselines.

4.1.2 Control Scope

The uncontrolled expansion of products or project scope without adjustments to time, cost, and resources is referred to as scope creep. To mitigate scope creep, Vogel Bros. will implement an integrated change control process. This process involves reviewing any requested changes, assessing their potential impact on the project, and notifying the owner of these impacts before preparing any proposal for the requested change. This allows the city to review the change request and evaluate whether the benefits of the change outweigh the impacts on the original project objectives.

If, after evaluating the change request, the owner decides to proceed with the change of scope, Vogel Bros. will provide a cost proposal documenting the impact on cost and schedule. Additionally, an updated schedule and cost baseline will be provided to incorporate the change and reset the performance measurement baselines.

4.1.3 Integrating Project Controls

To bolster project controls, Vogel Bros. will integrate a series of processes to meticulously monitor and manage the work. The following processes outline our approach:

INTEGRATED PROJECT CONTROLS					
Compare actual project performance against planned performance at any given date using earned value management (EVM)	Assess the performance results from the EVM and the quality assurance activities periodically to determine whether any corrective or preventive action is needed and then recommend or execute as appropriate	Check the status of individual project risks	Provide status reports with progress measurements and forecasting	Monitor the implementation of approved changes as they occur	Ensure that the project stays aligned with the business needs and original objectives

4.2 Navigating Fees Beyond “Cost of Work”

In the realm of construction projects, managing costs is an art form—a delicate balance between efficiency and quality. As a seasoned CMAR, our approach to cost control extends beyond the “cost of the work” to encompass various fees that play a crucial role in the financial landscape. Let me take you through our strategy, focusing on four key categories: Preconstruction phase services, general conditions, CM fee, and bond.

Preconstruction Phase Services: Before the first brick is laid or the foundation poured, meticulous planning is essential. Preconstruction phase services encompass a range of activities, from initial site assessments to design consultations. Initially, these services are estimated based on projected hours required for preconstruction tasks, but they eventually represent a percentage of the total construction cost. For a project of this size, it’s common to allocate around 2% to 4% of the total construction cost for preconstruction phase services. This allocation ensures that adequate resources are allocated to comprehensive planning, ultimately mitigating risks, and optimizing project outcomes.

General Conditions: In the dynamic environment of a construction site, numerous factors must be managed to ensure smooth operations. General conditions cover essential elements such as site management, temporary facilities, safety measures, and utilities. These costs are vital for maintaining an efficient and safe working environment. Generally, general conditions fees range from 5% to 10% of the total construction cost, depending on project complexity and duration. By allocating resources judiciously to general conditions, we prioritize site efficiency, worker safety, and project cohesion.

4.2 Navigating Fees Beyond “Cost of Work” (Cont.)

CM Fee: Central to effective project management is the role of the Construction Manager (CM), orchestrating the diverse elements of the construction process. The CM fee compensates for their expertise, coordination efforts, and oversight throughout the project lifecycle. Typically, CM fees are calculated as a percentage of the total construction cost, ranging from 8% to 10%. This allocation ensures that adequate resources are allocated to skilled project management, fostering collaboration among stakeholders, and driving project success.

Bond: In the realm of construction, uncertainty lurks around every corner. Material delays, subcontractor issues, or unforeseen circumstances are some examples. Bonds provide financial security and assurance, protecting stakeholders against potential risks and liabilities. The cost of bonds varies depending on project specifics and jurisdictional requirements. Generally, bond fees range from 1% to 2% of the total construction cost, serving as a prudent investment in risk mitigation and project stability.

In conclusion, effective cost control in construction projects demands a comprehensive understanding of the various fees beyond the “cost of the work.” By strategically allocating resources to preconstruction phase services, general conditions, CM fee, and bonds, we mitigate risks, enhance project efficiency, and uphold financial integrity. While fee percentages provide general guidance, each project’s unique characteristics necessitate a tailored approach to cost management, ensuring optimal outcomes and stakeholder satisfaction.

SECTION 4 SAMPLE COST CONTROL REPORT

Vogel Bros. Building Co. Lump Sum Monthly Contract Analysis

NO.	JOB NAME		CONTRACT		DATE	REFER TO NOTE																																																		
1326	Land O Lakes Rehabilitation & Expansion (Preconstruction)		Lump Sum		1/31/2024																																																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>ESTIMATED COST</th> <th>Profit</th> <th>GMP</th> <th></th> </tr> </thead> <tbody> <tr> <td>1 ORIGINAL CONTRACT AMOUNTS</td> <td>9,270,627</td> <td>677,017</td> <td>9,947,644</td> <td></td> </tr> <tr> <td>CHANGE ORDER NO. 1</td> <td>(22,077)</td> <td></td> <td>(22,077)</td> <td>6</td> </tr> <tr> <td>CHANGE ORDER NO. 2</td> <td></td> <td></td> <td>-</td> <td></td> </tr> <tr> <td>CHANGE ORDER NO. 3</td> <td></td> <td></td> <td>-</td> <td></td> </tr> <tr> <td>CHANGE ORDER NO. 4</td> <td></td> <td></td> <td>-</td> <td></td> </tr> <tr> <td>CHANGE ORDER NO. 5</td> <td></td> <td></td> <td>-</td> <td></td> </tr> <tr> <td>CHANGE ORDER NO. 6</td> <td></td> <td></td> <td>-</td> <td></td> </tr> <tr> <td>CHANGE ORDER NO. 7</td> <td></td> <td></td> <td>-</td> <td></td> </tr> <tr> <td>2 CONTRACT AMOUNT TO DATE</td> <td>9,248,550</td> <td>677,017</td> <td>9,925,567</td> <td></td> </tr> </tbody> </table>								ESTIMATED COST	Profit	GMP		1 ORIGINAL CONTRACT AMOUNTS	9,270,627	677,017	9,947,644		CHANGE ORDER NO. 1	(22,077)		(22,077)	6	CHANGE ORDER NO. 2			-		CHANGE ORDER NO. 3			-		CHANGE ORDER NO. 4			-		CHANGE ORDER NO. 5			-		CHANGE ORDER NO. 6			-		CHANGE ORDER NO. 7			-		2 CONTRACT AMOUNT TO DATE	9,248,550	677,017	9,925,567	
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	COST TYPE	ORIGINAL BUDGET	ESTIMATED COST	ACTUAL COST TO DATE	FORECAST COST AT COMPLETION	PROJECTED COST VARIANCE																																																		
	LABOR	\$1,727,940	1,727,940	45,961	1,707,580	20,360																																																		
	LABOR BURDEN	\$0	0	0	0	0																																																		
	MATERIAL	\$0	0	0	0	0																																																		
	EQUIPMENT	\$0	0	1,021	2,000	-2,000																																																		
	PURCHASE ORDERS	\$182,322	182,322	0	182,322	0																																																		
	SUBCONTRACTS	\$4,560,365	4,560,365	0	4,560,365	0																																																		
	OTHER	\$2,800,000	2,800,000	48	2,801,100	-1,100																																																		
	CONTINGENCY	\$0	0	0	0	0																																																		
	TOTALS	\$9,270,627	9,270,627	47,030	9,253,367	17,260																																																		
4	PROJECTED PROFIT (GMP - forecast cost at completion)					672,200																																																		
5	PERCENT COMPLETE	ACTUAL COST TO DATE / FORECAST COST AT COMPLETION				0.51%																																																		
6	EARNED GROSS PROFIT	Projected Profit x Percent complete				3,416																																																		
7	LESS JOB TO DATE GROSS PROFIT		PAYMENT REQUEST w/ OPO	COST INCURRED	GROSS PROFIT																																																			
			\$137,794	\$47,030	90,764																																																			
8	(OVERBILLED) UNDERBILLED					(87,347)																																																		

SECTION 4 SAMPLE COST CONTROL REPORT

NOTE	CLARIFICATIONS TO MONTHLY CONTRACT ANALYSIS
1	Labor Burden included under Labor.
2	Contains \$2,800,000 in owner allowances and another \$1,100.02 for open general cost codes.
3	I do not recognize this cost. The original cost codes did not had any cost account open for equipment. Somebody open this cost account to charge this as small tools.
4	Contract amount shown on the Billings section do not includes the \$2,800,000 in unexecuted Owner allowances and \$22,077 for the potential funding evaluation credit (tasks 400.1017 and 500.2.24)
5	Projected billings did not considers unexecuted Owner's allowances.
6	The County has informed us that they will do the Federal/State funding evaluation and application in house so we will not be able to invoice this amount and will eventually become a credit. However, the County wants to hold the money until the end as an additional contingency just in case they needed for other purpose in the project.

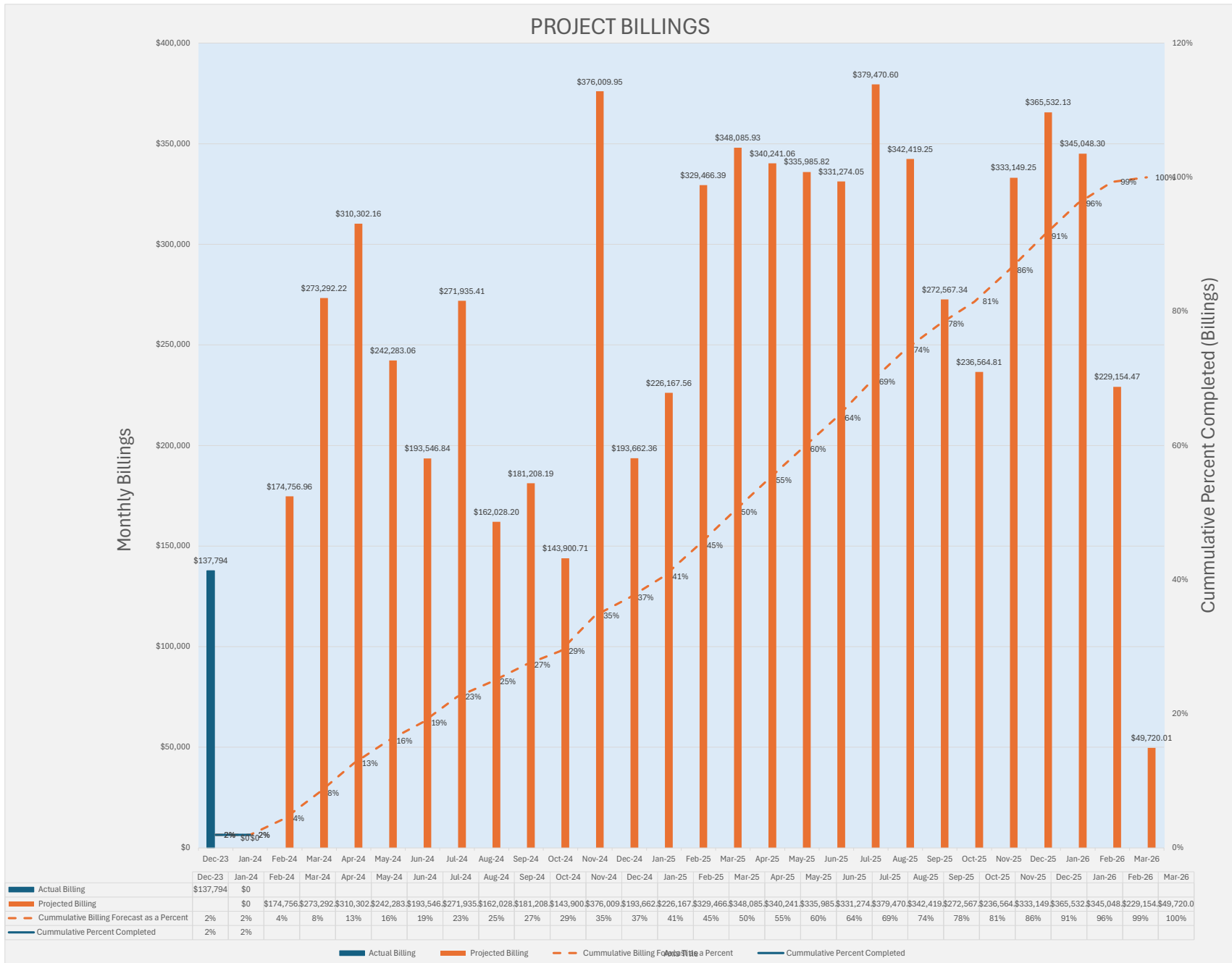
Monthly Billing Projection

Contract Amount:	7,125,567	REFER TO NOTE 4
Month of first billing	Dec-23	

Total billed

Period	Actual Billing	Projected Billing	Cummulative Percent Completed	REFER TO NOTE
Dec-23	\$137,794		2%	
Jan-24	\$0	\$0	2%	5
Feb-24		\$174,756.96		5
Mar-24		\$273,292.22		5
Apr-24		\$310,302.16		5
May-24		\$242,283.06		5
Jun-24		\$193,546.84		5
Jul-24		\$271,935.41		5
Aug-24		\$162,028.20		5
Sep-24		\$181,208.19		5
Oct-24		\$143,900.71		5
Nov-24		\$376,009.95		5
Dec-24		\$193,662.36		5
Jan-25		\$226,167.56		5
Feb-25		\$329,466.39		5
Mar-25		\$348,085.93		5
Apr-25		\$340,241.06		5
May-25		\$335,985.82		5
Jun-25		\$331,274.05		5
Jul-25		\$379,470.60		5
Aug-25		\$342,419.25		5
Sep-25		\$272,567.34		5
Oct-25		\$236,564.81		5
Nov-25		\$333,149.25		5
Dec-25		\$365,532.13		5
Jan-26		\$345,048.30		5
Feb-26		\$229,154.47		5
Mar-26		\$49,720.01		5
Subtotal	\$137,794	\$6,987,773		

SECTION 4 SAMPLE COST CONTROL REPORT



SECTION 4 SAMPLE COST CONTROL REPORT

EARNED VALUE PROGRESS REPORT

February 12, 2024

LAND O' LAKES WWTP EXPANSION AND IMPROVEMENTS

WBS	Performance % Complete	Earned Value Cost	Planned Value Cost	Actual Cost	Estimate To Complete	Estimate At Completion Cost	Budget At Completion	Schedule Variance	Cost Variance	Variance At Completion	Schedule Performance Index	Cost Performance Index	To Complete Performance Index
LOLWWTP Rehabilitation and Expansion - 2/12/24 Update EV	3.76%	\$267,833.07	\$288,656.12	\$47,029.87	\$6,322,260.84	\$6,369,290.71	\$7,125,567.00	(\$20,823.04)	\$220,803.20	\$756,276.29	0.93	5.69	1.08
Preconstruction	3.76%	\$267,833.07	\$288,656.12	\$47,029.87	\$6,322,260.84	\$6,369,290.71	\$7,125,567.00	(\$20,823.04)	\$220,803.20	\$756,276.29	0.93	5.69	1.08
Milestones	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0	0	0
General Conditions	9.02%	\$109,681.29	\$133,122.85	\$40,029.87	\$630,547.83	\$670,577.70	\$1,215,611.00	(\$23,441.56)	\$69,651.42	\$545,033.30	0.82	2.74	1.75
Project Management	9.02%	\$109,681.29	\$133,122.85	\$40,029.87	\$630,547.83	\$670,577.70	\$1,215,611.00	(\$23,441.56)	\$69,651.42	\$545,033.30	0.82	2.74	1.75
Meetings & Workshops	3%	\$6,153.00	\$6,153.00	\$2,700.00	\$198,705.00	\$201,405.00	\$204,858.00	\$0.00	\$3,453.00	\$3,453.00	1	2.28	1
Field Review and Data Collection	18.85%	\$35,507.85	\$35,507.85	\$800.00	\$101,044.57	\$101,844.57	\$188,409.00	\$0.00	\$34,707.85	\$86,564.43	1	44.38	1.51
Facility Planning	80%	\$104,436.00	\$103,074.04	\$6,000.00	\$26,110.00	\$32,110.00	\$130,546.00	\$1,361.96	\$98,436.00	\$98,436.00	1.01	17.41	1
Design and Guaranteed Maximum Price (GMP)	0%	\$0.00	\$0.00	\$0.00	\$4,795,417.00	\$4,795,417.00	\$4,795,417.00	\$0.00	\$0.00	\$0.00	0	0	1
Preliminary Design Development (30% Design)	0%	\$0.00	\$0.00	\$0.00	\$1,463,981.00	\$1,463,981.00	\$1,463,981.00	\$0.00	\$0.00	\$0.00	0	0	1
Ecological and Environmental Assessment	0%	\$0.00	\$0.00	\$0.00	\$26,188.00	\$26,188.00	\$26,188.00	\$0.00	\$0.00	\$0.00	0	0	1
Detailed Design Development	0%	\$0.00	\$0.00	\$0.00	\$3,331,436.00	\$3,331,436.00	\$3,331,436.00	\$0.00	\$0.00	\$0.00	0	0	1
Quality Management	2.61%	\$18,207.93	\$16,951.38	\$200.00	\$672,175.45	\$672,375.45	\$698,618.00	\$1,256.55	\$18,007.93	\$26,242.55	1.07	91.04	1.01
QA/QC and Constructability	3.30%	\$18,207.93	\$16,951.38	\$200.00	\$526,003.45	\$526,203.45	\$552,446.00	\$1,256.55	\$18,007.93	\$26,242.55	1.07	91.04	1.02
Permitting	0%	\$0.00	\$0.00	\$0.00	\$96,966.00	\$96,966.00	\$96,966.00	\$0.00	\$0.00	\$0.00	0	0	1
FDEP Domestic Wastewater Major Permit Modification	0%	\$0.00	\$0.00	\$0.00	\$33,768.00	\$33,768.00	\$33,768.00	\$0.00	\$0.00	\$0.00	0	0	1
FDEP Statewide Environmental Resource Permit (ERP)	0%	\$0.00	\$0.00	\$0.00	\$26,896.00	\$26,896.00	\$26,896.00	\$0.00	\$0.00	\$0.00	0	0	1
FDEP Federal Section 404 Individual Permit	0%	\$0.00	\$0.00	\$0.00	\$31,290.00	\$31,290.00	\$31,290.00	\$0.00	\$0.00	\$0.00	0	0	1
County ROW Permit	0%	\$0.00	\$0.00	\$0.00	\$5,012.00	\$5,012.00	\$5,012.00	\$0.00	\$0.00	\$0.00	0	0	1

WBS	Previous Update Performance % Complete	Previous Update Earned Value Cost	Previous Update Planned Value Cost	Previous Update Actual Cost	Previous Update Estimate To Complete	Previous Update Estimate At Completion Cost	Previous Update Budget At Completion	Previous Update Schedule Variance	Previous Update Cost Variance	Previous Update Variance At Completion	Previous Update Schedule Performance Index	Previous Update Cost Performance Index	Previous Update To Complete Performance Index
LOLWWTP Rehabilitation and Expansion - 12/28/23 Update EV	1.96%	\$139,548.12	\$138,858.76	\$32,938.92	\$6,639,029.56	\$6,671,968.48	\$7,125,567.00	\$689.36	\$106,609.20	\$453,598.52	1	4.24	1.05
Preconstruction	1.96%	\$139,548.12	\$138,858.76	\$32,938.92	\$6,639,029.56	\$6,671,968.48	\$7,125,567.00	\$689.36	\$106,609.20	\$453,598.52	1	4.24	1.05
Milestones	0%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0	0	0
General Conditions	6.43%	\$78,188.22	\$77,498.86	\$31,538.92	\$826,176.25	\$857,715.17	\$1,215,611.00	\$689.36	\$46,649.30	\$357,895.83	1.01	2.48	1.38
Project Management	6.43%	\$78,188.22	\$77,498.86	\$31,538.92	\$826,176.25	\$857,715.17	\$1,215,611.00	\$689.36	\$46,649.30	\$357,895.83	1.01	2.48	1.38
Meetings & Workshops	3%	\$6,153.00	\$6,153.00	\$2,000.00	\$198,705.00	\$200,705.00	\$204,858.00	\$0.00	\$4,153.00	\$4,153.00	1	3.08	1
Field Review and Data Collection	6.92%	\$13,043.70	\$13,043.70	\$0.00	\$175,365.30	\$175,365.30	\$188,409.00	\$0.00	\$13,043.70	\$13,043.70	1	0	1
Facility Planning	36%	\$46,996.20	\$46,996.20	\$1,400.00	\$47,807.01	\$49,207.01	\$130,546.00	\$0.00	\$45,596.20	\$81,338.99	1	33.57	1.75
Design and Guaranteed Maximum Price (GMP)	0%	\$0.00	\$0.00	\$0.00	\$4,795,417.00	\$4,795,417.00	\$4,795,417.00	\$0.00	\$0.00	\$0.00	0	0	1
Preliminary Design Development (30% Design)	0%	\$0.00	\$0.00	\$0.00	\$1,463,981.00	\$1,463,981.00	\$1,463,981.00	\$0.00	\$0.00	\$0.00	0	0	1
Ecological and Environmental Assessment	0%	\$0.00	\$0.00	\$0.00	\$26,188.00	\$26,188.00	\$26,188.00	\$0.00	\$0.00	\$0.00	0	0	1
Detailed Design Development	0%	\$0.00	\$0.00	\$0.00	\$3,331,436.00	\$3,331,436.00	\$3,331,436.00	\$0.00	\$0.00	\$0.00	0	0	1
Quality Management	0.19%	\$1,320.00	\$1,320.00	\$0.00	\$697,298.00	\$697,298.00	\$698,618.00	\$0.00	\$1,320.00	\$1,320.00	1	0	1
QA/QC and Constructability	0.24%	\$1,320.00	\$1,320.00	\$0.00	\$551,126.00	\$551,126.00	\$552,446.00	\$0.00	\$1,320.00	\$1,320.00	1	0	1
Permitting	0%	\$0.00	\$0.00	\$0.00	\$96,966.00	\$96,966.00	\$96,966.00	\$0.00	\$0.00	\$0.00	0	0	1
FDEP Domestic Wastewater Major Permit Modification	0%	\$0.00	\$0.00	\$0.00	\$33,768.00	\$33,768.00	\$33,768.00	\$0.00	\$0.00	\$0.00	0	0	1
FDEP Statewide Environmental Resource Permit (ERP)	0%	\$0.00	\$0.00	\$0.00	\$26,896.00	\$26,896.00	\$26,896.00	\$0.00	\$0.00	\$0.00	0	0	1
FDEP Federal Section 404 Individual Permit	0%	\$0.00	\$0.00	\$0.00	\$31,290.00	\$31,290.00	\$31,290.00	\$0.00	\$0.00	\$0.00	0	0	1
County ROW Permit	0%	\$0.00	\$0.00	\$0.00	\$5,012.00	\$5,012.00	\$5,012.00	\$0.00	\$0.00	\$0.00	0	0	1

WBS	Performance % Complete (Delta)	Earned Value Cost (Delta)	Planned Value Cost (Delta)	Actual Cost (Delta)	Estimate To Complete (Delta)	Estimate At Completion Cost (Delta)	Budget At Completion (Delta)	Schedule Variance (Delta)	Cost Variance (Delta)	Variance At Completion (Delta)	Schedule Performance Index (Delta)	Cost Performance Index (Delta)	To Complete Performance Index (Delta)
LOLWWTP Rehabilitation and Expansion (DELTA)	1.80%	\$128,284.95	\$149,797.36	\$14,090.95	(\$316,768.72)	(\$302,677.77)	\$0.00	(\$21,512.40)	\$114,194.00	\$302,677.77	(0.07)	1.45	0.03
Preconstruction	1.80%	\$128,284.95	\$149,797.36	\$14,090.95	(\$316,768.72)	(\$302,677.77)	\$0.00	(\$21,512.40)	\$114,194.00	\$302,677.77	(0.07)	1.45	0.03
Milestones	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	0.00
General Conditions	2.59%	\$31,493.07	\$55,623.99	\$8,490.95	(\$195,628.42)	(\$187,137.47)	\$0.00	(\$24,130.92)	\$23,002.12	\$187,137.47	(0.19)	0.26	0.37
Project Management	2.59%	\$31,493.07	\$55,623.99	\$8,490.95	(\$195,628.42)	(\$187,137.47)	\$0.00	(\$24,130.92)	\$23,002.12	\$187,137.47	(0.19)	0.26	0.37
Meetings & Workshops	0.00%	\$0.00	\$0.00	\$700.00	\$0.00	\$700.00	\$0.00	\$0.00	(\$700.00)	(\$700.00)	0.00	(0.80)	0.00
Field Review and Data Collection	11.93%	\$22,464.15	\$22,464.15	\$800.00	(\$74,320.73)	(\$73,520.73)	\$0.00	\$0.00	\$21,664.15	\$73,520.73	0.00	44.38	0.51
Facility Planning	44.00%	\$57,439.80	\$56,077.84	\$4,600.00	(\$21,697.01)	(\$17,097.01)	\$0.00	\$1,361.96	\$52,839.80	\$17,097.01	0.01	(16.16)	(0.75)
Design and Guaranteed Maximum Price (GMP)	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	0.00

SECTION 4 SAMPLE COST CONTROL REPORT

<i>WBS</i>	<i>Performance % Complete (Delta)</i>	<i>Earned Value Cost (Delta)</i>	<i>Planned Value Cost (Delta)</i>	<i>Actual Cost (Delta)</i>	<i>Estimate To Complete (Delta)</i>	<i>Estimate At Completion Cost (Delta)</i>	<i>Budget At Completion (Delta)</i>	<i>Schedule Variance (Delta)</i>	<i>Cost Variance (Delta)</i>	<i>Variance At Completion (Delta)</i>	<i>Schedule Performance Index (Delta)</i>	<i>Cost Performance Index (Delta)</i>	<i>To Complete Performance Index (Delta)</i>
Preliminary Design Development (30% Design)	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	0.00
Ecological and Environmental Assessment	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	0.00
Detailed Design Development	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	0.00
Quality Management	2.42%	\$16,887.93	\$15,631.38	\$200.00	(\$25,122.55)	(\$24,922.55)	\$0.00	\$1,256.55	\$16,687.93	\$24,922.55	0.07	91.04	0.01
QA/QC and Constructability	3.06%	\$16,887.93	\$15,631.38	\$200.00	(\$25,122.55)	(\$24,922.55)	\$0.00	\$1,256.55	\$16,687.93	\$24,922.55	0.07	91.04	0.02
Permitting	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	0.00
FDEP Domestic Wastewater Major Permit Modification	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	0.00
FDEP Statewide Environmental Resource Permit (ERP)	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	0.00
FDEP Federal Section 404 Individual Permit	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	0.00
County ROW Permit	0.00%	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	0.00	0.00	0.00



BARTOW - DOUG ALLEN

Water Reclamation Facility - SBR Improvements

The intent of the project was to rehabilitate the facility that was constructed in the late 1990's and expand capacity from 4.0 MGD to 5.33 MGD. The initial design included the construction of 1 new SBR basin, rehabilitation of the three existing basins, rehabilitation of the CCC and effluent pumps, and conversions of the entire SCADA system. However, within a month of Vogel Bros. being selected for the project the City removed the original EOR for the project. The City then entered into an agreement with Chastain-Skillman to take over as EOR for the project. During Chastain's review of the design it was determined that the as bid design would not allow for the 5.33 MGD capacity the City required. Vogel Bros. and the City then negotiated a change order to provide preconstruction and construction services for the design and construction of an additional SBR basin. Additionally, the entire SBR effluent system to the transfer basin had to be redesigned to avoid significant process conflicts.

SECTION 5

TIMELY COMPLETIONS OF PROJECTS

5.1 Location of the Project Team

Vogel Bros. takes pride in assembling a dedicated team equipped to manage and execute this project with local expertise. Our Florida office, conveniently located in Lakeland, Polk County, sits just 25 miles from the project site. We boast a total combined workforce of 175 employees spread across the local Tampa Bay area and Wisconsin, each bringing a diverse range of roles and expertise within the water sector. The distribution of these resources by roles is outlined in Table 2.

The ample availability of local resources enables our team to respond promptly and effectively to the City's needs and any fluctuations in project demands, ultimately saving you both time and money. Moreover, having a local team fosters seamless communication and engagement with stakeholders through regular site visits, meetings, calls, and workshops, all tailored to the specific interests of each stakeholder. This collaborative approach is made possible only by having a team rooted in the local community.

To provide perspective on our proximity to the project site, Figure 15 illustrates the proximity of our team's office in relation to the project site.

FLORIDA & WISCONSIN EMPLOYEES

8 executive employees	35 field management
12 administrative employees	102 field craftworkers
18 project managers	175 total employees



Figure 15: Proximity to project site



KRAUSE PUMP STATION

Vogel Bros. installed four 400 HP pumps and immersible motors, discharge and suction valves, piping, concrete pedestal supports, air compressors; and installed four 480V variable frequency drives, pump controls, annunciator panel, motor control center, electrical switchgear, concrete duct bank system, conduits, wiring, and other electrical equipment needed to convert the pump station from 4160V service to 480V service with a new ventilation system.

SECTION 6

SURVEYS AND PAST PERFORMANCE

RFQ #24-01	Due Date & Time: March 12, 2024 @ 2:00 PM ET	Advertised Date: January 16, 2024
Purchasing Coordinator: Vickie Ramsier Phone: 863-421-9961 Email: vickie.ramsier@hainescity.com	Respond to: City of Haines City Attn: Finance 620 E. Main Street Haines City, FL 33844 Phone: (863) 421-3600	
Wastewater Treatment Plant Expansion CMAR		

Survey

Matthew Wetherington, PE Pasco County Utilities
(Name of Person completing survey) (Name of Client Company/Contractor)

Phone Number: 727-247-0292 Email: mwetherington@pascocountyfl.net

Subject: Past Performance Survey Of: Wesley Center WWTP Improvements and Expansion

Consultant Name: Vogel Brothers Building Co.
(Name of Contractor being surveyed)

Cost of Services: \$29,347,000 Date Complete: June 2020

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the Contractor/individual again) and 1 representing that you were very unsatisfied (and would never hire the Contractor/individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

Similar Work Project Name: Wesley Center WWTP Improvements and Expansion Date Completed: June 2020

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Ability to maintain operation of existing facility during construction	(1-10)	10
6	Close out process	(1-10)	10
7	Ability to communicate with Client's staff	(1-10)	10
8	Ability to resolve issues promptly	(1-10)	10
9	Ability to follow protocol	(1-10)	10
10	Ability to maintain proper documentation	(1-10)	10
11	Appropriate application of technology	(1-10)	10
12	Overall Client satisfaction and comfort level in hiring	(1-10)	10
13	Ability to offer solid recommendations	(1-10)	10
14	Ability to facilitate consensus and commitment to the plan of action among staff	(1-10)	10

Matthew Wetherington, PE
 Printed Name of Evaluator

Matt Wetherington
 Signature of Evaluator

RFQ #24-01	Due Date & Time: March 12, 2024 @ 2:00 PM ET	Advertised Date: January 16, 2024
Purchasing Coordinator: Vickie Ramsier	Respond to: City of Haines City Attn: Finance 620 E. Main Street Haines City, FL 33844 Phone: (863) 421-3600	
Phone: 863-421-9961 Email: vickie.ramsier@hainescity.com		
Wastewater Treatment Plant Expansion CMAR		

Survey

Christopher D. Wilson
(Name of Person completing survey)

Tavistock Development
(Name of Client Company/Contractor)

Phone Number: (407) 816-6599

Email: cwilson@tavistock.com

Subject: Past Performance Survey Of: Sunbridge WRF

Consultant Name: Vogel Brothers Building Co.
(Name of Contractor being surveyed)

Cost of Services: 37,270,006

Date Complete: November 2023 (SC)

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the Contractor/individual again) and 1 representing that you were very unsatisfied (and would never hire the Contractor/individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

Similar Work Project Name: Sunbridge WRF Date Completed: November 2023 (SC)

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Ability to maintain operation of existing facility during construction	(1-10)	10
6	Close out process	(1-10)	10
7	Ability to communicate with Client's staff	(1-10)	10
8	Ability to resolve issues promptly	(1-10)	10
9	Ability to follow protocol	(1-10)	10
10	Ability to maintain proper documentation	(1-10)	10
11	Appropriate application of technology	(1-10)	10
12	Overall Client satisfaction and comfort level in hiring	(1-10)	10
13	Ability to offer solid recommendations	(1-10)	10
14	Ability to facilitate consensus and commitment to the plan of action among staff	(1-10)	10

Christopher D. Wilson
Printed Name of Evaluator


Signature of Evaluator

RFQ #24-01	Due Date & Time: March 12, 2024 @ 2:00 PM ET	Advertised Date: January 16, 2024
Purchasing Coordinator: Vickie Ramsier Phone: 863-421-9961 Email: vickie.ramsier@hainescity.com	Respond to: City of Haines City Attn: Finance 620 E. Main Street Haines City, FL 33844 Phone: (863) 421-3600	
Wastewater Treatment Plant Expansion CMAR		

Survey

Michael Cannon

(Name of Person completing survey)

City of Sanford - Public Utilities

(Name of Client Company/Contractor)

Phone Number: (407) 688-5177

Email: michael.cannon@sanfordfl.gov

Subject: Past Performance Survey Of: Sanford North WRF Class A Biosolids

Consultant Name: Vogel Brothers Building Co.

(Name of Contractor being surveyed)

Cost of Services: 5,300,000 Date Complete: 2022

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the Contractor/individual again) and 1 representing that you were very unsatisfied (and would never hire the Contractor/individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

Similar Work Project Name: Sanford North WRF Class A Biosolids Date Completed: 2022

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	9
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	8
3	Quality of workmanship	(1-10)	9
4	Professionalism and ability to manage	(1-10)	10
5	Ability to maintain operation of existing facility during construction	(1-10)	9
6	Close out process	(1-10)	8
7	Ability to communicate with Client's staff	(1-10)	9
8	Ability to resolve issues promptly	(1-10)	9
9	Ability to follow protocol	(1-10)	10
10	Ability to maintain proper documentation	(1-10)	10
11	Appropriate application of technology	(1-10)	10
12	Overall Client satisfaction and comfort level in hiring	(1-10)	9
13	Ability to offer solid recommendations	(1-10)	10
14	Ability to facilitate consensus and commitment to the plan of action among staff	(1-10)	9

Michael Cannon

Printed Name of Evaluator

Michael Cannon

Signature of Evaluator

Digitally signed by Michael Cannon, DN: cn=Michael Cannon, o=City of Sanford, ou=Sanford Public Utilities, email=m.cannon@sanfordfl.gov, c=US

RFQ #24-01	Due Date & Time: March 12, 2024 @ 2:00 PM ET	Advertised Date: January 16, 2024
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Wastewater Treatment Plant Expansion CMAR		

Survey

Matthew Wetherington, PE

(Name of Person completing survey)

Pasco County Utilities

(Name of Client Company/Contractor)

Phone Number: 727-247-0292

Email: mwetherington@pascocountyfl.net

Subject: Past Performance Survey Of: Shady Hills WWTP Improvements

Consultant Name: Vogel Brothers Building Co.

(Name of Contractor being surveyed)

Cost of Services: 7,058,580

Date Complete: September 2020

Rate each of the criteria on a scale of 1 to 10, with 10 representing that you were very satisfied (and would hire the Contractor/individual again) and 1 representing that you were very unsatisfied (and would never hire the Contractor/individual again). Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

Similar Work Project Name: Shady Hills WWTP Date Completed: September 2020

NO	CRITERIA	UNIT	SCORE
1	Ability to manage cost	(1-10)	10
2	Ability to maintain project schedule (complete on-time/early)	(1-10)	10
3	Quality of workmanship	(1-10)	10
4	Professionalism and ability to manage	(1-10)	10
5	Ability to maintain operation of existing facility during construction	(1-10)	10
6	Close out process	(1-10)	10
7	Ability to communicate with Client's staff	(1-10)	10
8	Ability to resolve issues promptly	(1-10)	10
9	Ability to follow protocol	(1-10)	10
10	Ability to maintain proper documentation	(1-10)	10
11	Appropriate application of technology	(1-10)	10
12	Overall Client satisfaction and comfort level in hiring	(1-10)	10
13	Ability to offer solid recommendations	(1-10)	10
14	Ability to facilitate consensus and commitment to the plan of action among staff	(1-10)	10

Matthew Wetherington, PE

Printed Name of Evaluator

Matt Wetherington

Signature of Evaluator



HILLSBOROUGH COUNTY

Northwest Regional Sludge Management Facility

The project consisted of the construction of a new dewatering facility that consisted of the installation of four (4) new Fukoku Kogyo Company (FKC) screw presses; installation of two (2) new Florida Aquastore waste activated sludge storage tanks and diffuser systems; installation of three (3) new Aerzen blowers, silencers, process mechanical piping and appurtenances; installation of two (2) new Muffin Monster grinders; installation of pump station pumps, piping and appurtenances; installation of a new weigh-in-motion system and associated concrete road; installation of all new electric conduits, feeders, cabling and biosolids system associated instrumentation and controls.

SECTION 7

ATTACHMENTS AND REQUIRED DOCUMENTS

RFQ #24-01	Due Date & Time: March 12, 2024 @ 2:00 PM ET	Advertised Date: January 16, 2024
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Wastewater Treatment Plant Expansion CMAR		

Attachment A Questionnaire/Survey

THE FOLLOWING SECTION SHOULD BE COMPLETED BY ALL PROPOSERS:
(SUBMITTAL PAGE)

Company Name: Vogel Bros. Building Co.

DBA/Fictitious Name (if applicable): _____

NOTE: COMPANY NAME MUST MATCH LEGAL NAME ASSIGNED TO TIN NUMBER. CURRENT W9 SHOULD BE SUBMITTED WITH BID.

TIN #: 39-0679620

<u>4223</u>	<u>S Pipkin Rd</u>	<u>Lakeland</u>
(Street No or PO Box Number)	(Street Name)	(City)
<u>Polk</u>	<u>FL</u>	<u>33811</u>
(County)	(State)	(Zip Code)

Contact Person: Darren Vogel

Phone Number: 863-646-5078

Cell Phone Number: 352-262-6127

Email Address: darrenvogel@vogelbldg.com

Type of Organization:

Sole Proprietorship
 Partnership
 Non-Profit
 Sub-Chapter
 Joint Venture
 Corporation
 LLC
 LLP
 Publicly Traded
 Employee Owned

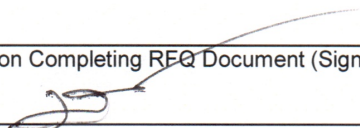
State of Incorporation Wisconsin

The Successful vendor must complete and submit this section prior to award. The Successful vendor must invoice using the company name listed above.

RFQ #24-01	Due Date & Time: March 12, 2024 @ 2:00 PM ET	Advertised Date: January 16, 2024
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Wastewater Treatment Plant Expansion CMAR		

Attachment B

Addendum Acknowledgment

Acknowledgment is hereby made of receipt of addenda issued during the solicitation period.	Addendum # <u>1</u> through # <u>1</u>
	Initial: <u>DV</u>
	Date: <u>3-12-2024</u>
Person Completing RFQ Document (Signature): 	
Name (Printed): Darren Vogel	Title: Vice President of Operations

>>>Failure to submit this form may disqualify your response.<<<

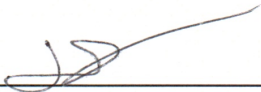
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Phone: 863-421-9961 Email: vickie.ramsier@hainescity.com		
Wastewater Treatment Plant Expansion CMAR		

Attachment C Insurance Requirements

- A. The successful Bidder/Contractor shall not commence any work in connection with an agreement until it has obtained all of the following types of insurance and has provided proof of same to the CITY, in the form of a certificate prior to the start of any work, nor shall the successful Bidder/Contractor allow any subcontractor to commence work on its subcontract until all similar insurance required of the subcontractor has been so obtained and approved. All insurance policies shall be with insurers qualified and doing business in Florida.
- B. The successful Bidder/Contractor and/or subcontractor shall maintain the following types of insurance, with the respective limits:
 1. BODILY INJURY LIABILITY
 - a. \$1,000,000 operations each claim per person
 - b. \$1,000,000 completed operations each claim per person;
 2. AUTOMOBILE PUBLIC LIABILITY
 - a. Bodily Injury:
 - i. \$1,000,000 each claim per person
 - ii. \$1,000,000 aggregate
 - b. Property Damage:
 - i. \$1,000,000 each claim per person
 - ii. \$1,000,000 aggregate;
 3. PROPERTY DAMAGE LIABILITY (other than automobile)
 - a. \$500,000 each claim per person
 - b. \$500,000 operations per claim
 - c. \$500,000 protective per claim (covering automobile)
 - d. \$500,000 contractual per claim;
 4. GENERAL LIABILITY - One Million Dollars (\$1,000,000) any single occurrence;
 5. AGGREGATE – Two Million Dollars (\$2,000,000);
 6. EXCESS COVERAGE – One Million Dollars (\$1,000,000);
 7. PROFESSIONAL LIABILITY – One Million Dollars (\$1,000,000);
 8. PRODUCT LIABILITY – Two Million Dollars (\$2,000,000); and,
 9. WORKER'S COMPENSATION – covering the statutory obligation for all persons engaged in the performance of the work required hereunder and Employers' Liability insurance with limits not less than \$1,000,000 per occurrence. Evidence of qualified self-insurance status will suffice for this subsection. In case any class of employees engaged in hazardous work under an agreement at the site of the project is not protected under the Worker's Compensation statute, the successful Bidder/Contractor shall provide, and cause each subcontractor to provide, adequate insurance, satisfactory to the CITY, for the protection of its employees not otherwise protected.

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Wastewater Treatment Plant Expansion CMAR		

- C. **Certificates of Insurance:** The successful Bidder/Contractor shall provide the CITY's Finance Department with a Certificate of Insurance evidencing such coverage for the duration of the awarded agreement. Said certificate shall be dated and show:
 1. The name of the insured Bidder/Contractor,
 2. The specified job by name and job number,
 3. The name of the insurer,
 4. The number of the policy
 5. The effective date
 6. The termination date
 7. A statement that the insurer will mail notice to the CITY at least thirty (30) days prior to any material changes in the provisions or cancellation of the policy
- D. **City as Additional Insured:** The successful Bidder/Contractor shall name the CITY as an additional insured, to the extent of the service to be provided under the agreement, on all required insurance policies, and provide the CITY with proof of same.
- E. **Waiver of Subrogation:** The successful Respondent shall have a waiver of subrogation instead of listing the City as additionally insured for Workers' Compensation coverage.
- F. **Waiver:** Receipt of certificates or other documentation of insurance or policies or copies of policies by the CITY, or by any of its representatives, which indicates less coverage than is required, does not constitute a waiver of the successful Bidder's/Contractor's obligations to fulfill the insurance requirements specified herein.
- G. **Loss Deductible Clause:** The CITY shall be exempt from, and in no way liable for, any sums of money which may represent a deductible in any insurance policy. The payment of such deductible shall be the sole responsibility of the successful Bidder/Contractor and/or subcontractor providing such insurance.

Initials of Signatory: 

Date: 3-12-24


The City reserves the unilateral right to modify the insurance requirements set forth at any time during the process of solicitation or subsequent thereto.

>>>Failure to submit this form may disqualify your response.<<<

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Wastewater Treatment Plant Expansion CMAR		

**Attachment D
Acceptance of Proposal Terms & Conditions**

I/we, the undersigned, do hereby accept in total all the terms and conditions stipulated and referenced in this RFQ Document and do hereby agree that if a contract is offered or negotiated it will abide by the terms and conditions presented in the RFQ document or as negotiated pursuant thereto. The signature(s) below are an acknowledgment of our full understanding and acceptance of all the terms and conditions set forth in this RFQ document or as otherwise agreed to between the parties in writing.



 Contracting Party Signature
 Vice President of Operations

 Title

Darren Vogel


 Contracting Party Printed Name
 3-12-2024

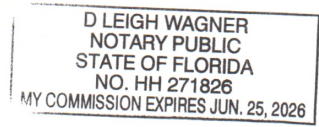
 Date

Mailing Address: 4223 S Pipkin Rd Lakeland, FL 33811
 Phone/Fax/E Mail Address: 863-646-5078/ 863-644-5107/ corporate@vogelbldg.com

NOTARY:
 STATE OF Florida)
 COUNTY OF Polk)

Sworn and Subscribed before me this 12 day of March, 20 24
 Personally known: Darren Vogel
 Or Produced Identification: _____

Notary Public - State of: FL Commission Expires: 6-25-2026




>>>Failure to submit this form may disqualify your response.<<<

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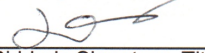
Attachment E Drug-Free Workplace Certification

In case of tie bids, preference must be given to a Bidder submitting a certification with the bid response certifying that the Bidder has a drug-free workplace in accordance with section 287.087, Florida Statutes. The drug-free certification form below must be signed and returned with the bid.

In order to have a drug-free workplace program, a business shall:

- (1) Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
- (2) Inform employees about the dangers of drug abuse in the workplace, the business' policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
- (3) Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in the first paragraph.
- (4) In the statement specified in the first paragraph, notify the employees that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893, Florida Statutes, or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
- (5) Impose a sanction on, or require the satisfactory participation in, a drug abuse assistance or rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
- (6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of the foregoing provisions.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.


Vice President of Operations
Bidder's Signature, Title, Date

STATE OF Florida
COUNTY OF Polk

The foregoing instrument was executed before me this 12 day of March, 2024, by Darren Vogel as Vice President of Operations of Vogel Bros. Building Co., who personally swore or affirmed that he/she is authorized to execute this Agreement and thereby bind the Corporation, and who is personally known to me OR has produced _____ as identification.

D LEIGH WAGNER
NOTARY PUBLIC
STATE OF FLORIDA
NO. HH 271826
MY COMMISSION EXPIRES JUN. 25, 2026


NOTARY PUBLIC, State of Florida

PLEASE COMPLETE AND SUBMIT WITH PROPOSAL
>>>>Failure to submit this form with your PROPOSAL may disqualify your response. <<<<

RFQ #24-01	Due Date & Time: March 12, 2024 @ 2:00 PM ET	Advertised Date: January 16, 2024
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Wastewater Treatment Plant Expansion CMAR		

Attachment F

Conflict of Interest Statement

STATE OF Florida)
COUNTY OF Polk)

Before me the undersigned authority personally appeared Darren Vogel, who was duly sworn, deposes, and states:

- A. I am the Vice President of Operations of Vogel Bros. Building Co. with a local office in Lakeland, FL and principal office in Madison, WI.
- B. Said entity is submitting this proposal/offer to RFQ #24-01 Wastewater Treatment Plant Expansion CMAR.
- C. The AFFIANT has made diligent inquiry and provided the information in this statement affidavit based upon its full knowledge.
- D. The AFFIANT states that only one submittal for this solicitation has been submitted and tendered by the appropriate date and time and that said above stated entity has no financial interest in other entities submitting a proposal for the work contemplated hereby.
- E. Neither the AFFIANT nor the above-named entity has directly or indirectly entered into any agreement, participated in any collusion or collusion activity, or otherwise taken any action which in any way restrict or restraint the competitive nature of this solicitation including but not limited to the prior discussion of terms, conditions, pricing, or other offer parameters required by this solicitation.
- F. Neither the entity nor its affiliates, nor anyone associated with them, is presently suspended or otherwise prohibited from participation in this solicitation or any contracting to follow thereafter by any government.
- G. Neither the entity nor its affiliates, nor anyone associated with them, have any potential conflict of interest because and due to any other clients, contracts, or property interests in this solicitation or the resulting project.
- H. I hereby also certify that no member of the entity's ownership or management or staff has a vested interest in any City Division, Department, or Office.
- I. I certify that no member of the entity's ownership or management is presently applying, actively seeking, or has been selected for an elected position within the City of Haines City government.
- J. In the event that a conflict of interest is identified in the provision of services, I, the undersigned will immediately notify the City in writing.

Dated this 12 day of March, 2024

[Signature]
AFFIANT

Darren Vogel
Typed Name of AFFIANT

Vice President of Operations
Title

NOTARY:
STATE OF Florida)
COUNTY OF Polk)

Sworn and Subscribed before me this 12 day of March, 2024

Personally known: Darren Vogel

Or Produced Identification: _____

Notary Public - State of: Florida Commission Expires: 6-25-2026

[Signature]

D LEIGH WAGNER
NOTARY PUBLIC
STATE OF FLORIDA
NO. HH 271826
MY COMMISSION EXPIRES JUN. 25, 2026

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Wastewater Treatment Plant Expansion CMAR		

Attachment G PUBLIC ENTITY CRIMES

SWORN STATEMENT UNDER SECTION 287.133(3) (a), FLORIDA STATUTES: THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted with Bid, Proposal, ITN, or Contract Number RFQ #24-01 for Wastewater Treatment Plant Expansion CMAR.
2. This sworn statement is submitted by Vogel Bros. Building Co. whose business address is [Name of entity submitting sworn statement] 4223 s Pipkin Rd Lakeland, FL 33811 and (if applicable) its Federal Employer Identification Number (FEIN) is 39-0679620 (If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement: _____).
3. My name is Darren Vogel and my relationship to the above is [Please print name of individual signing] Vice President of Operations.
4. I understand that a "public entity crime" as defined in section 287.133(l)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity in Florida or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
5. I understand that "convicted" or "conviction" as defined in section 287.133(l)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non jury trial, or entry of a plea of guilty or nolo contendere.
6. I understand that "affiliate" as defined in section 287.133(l)(a), Florida Statutes, means:
 - a. A predecessor or successor of a person convicted of a public entity crime; or
 - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding thirty-six (36) months shall be considered an affiliate.
7. I understand that a "person" as defined in section 287.133(l)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
8. Based on information and belief, the statement, which I have marked below, is true in relation to the entity submitting this sworn statement. [Please indicate which statement applies].

Neither the entity submitting this sworn statement, nor any officers, directors, executives, partners, shareholders, employees, members, or agents who is active in the management of the entity, nor any affiliate of the entity have been convicted of a public entity crime subsequent to July 1, 1989.

The entity submitting this sworn statement, or one or more of the officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989, AND **[Please indicate which additional statement applies]**.

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Wastewater Treatment Plant Expansion CMAR		

____ There has been a proceeding concerning the conviction before a judge or hearing officer of the State of Florida, Division of Administrative Hearings, or a court of law having proper jurisdiction. The final order entered by the hearing officer or judge did not place the person or affiliate on the convicted contractor list. **[Please attach a copy of the final order.]**

____ The person or affiliate was placed on the convicted contractor list. There has been a subsequent proceeding before a court of law having proper jurisdiction or a judge or hearing officer of the State of Florida, Division of Administrative Hearings. The final order entered by the judge or hearing officer determined that it is in the public interest to remove the person or affiliate from the convicted contractor list. **[Please attach a copy of the final order.]**

____ The person or affiliate has not been placed on any convicted vendor list. **[Please describe any action taken by or pending with the Department of General Services.]**

[Signature]

Date: _____

NOTARY:

STATE OF Florida)
COUNTY OF Polk)

Sworn and Subscribed before me this 12 day of March, 20 24

Personally known: Darren Vogel

Or Produced Identification: _____

Notary Public - State of: Florida Commission Expires: 6-25-2026

D Leigh Wagner

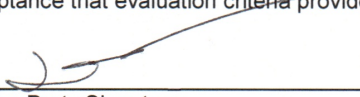
D LEIGH WAGNER
NOTARY PUBLIC
STATE OF FLORIDA
NO. HH 271826
COMMISSION EXPIRES JUN. 25, 2026

PLEASE COMPLETE AND SUBMIT WITH PROPOSAL
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Wastewater Treatment Plant Expansion CMAR		

Attachment H Firm Location

I/we, affirm that Vogel Bros. Building Co. has maintained a _____ principal, headquarters or, _____ other place of business within the boundaries of Polk County, Florida for more than one (1) year prior to the date of this proposal. The signature(s) below are an acknowledgment of our full understanding and acceptance that evaluation criteria provides points based on firm location as set forth in this RFQ document.



 Contracting Party Signature

 Vice President of Operations
 Title

 Darren Vogel
 Contracting Party Printed Name

 3-12-2024
 Date

Mailing Address: 4223 S Pipkin Rd Lakeland, FL 33811

Phone/Fax/E Mail Address: 863-646-5078 / 863-644-5107 / corporate@vogelbldg.com

NOTARY:
STATE OF Florida)
COUNTY OF Polk)

Sworn and Subscribed before me this 12 day of march, 20 24

Personally known: Darren Vogel

Or Produced Identification: _____

Notary Public - State of: Florida Commission Expires: 6-25-2026

D Leigh Wagner

D LEIGH WAGNER
NOTARY PUBLIC
STATE OF FLORIDA
NO. HH 271826
MY COMMISSION EXPIRES JUN. 25, 2026

PLEASE COMPLETE AND SUBMIT WITH PROPOSAL

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Phone: 863-421-9961 Email: vickie.ramsier@hainescity.com		
Wastewater Treatment Plant Expansion CMAR		

Attachment I Statement of "NO PROPOSAL"

If you do not intend to submit on this requirement, please complete and return this form prior to date shown for receipt of proposals to: City of Haines City, Attn: Finance Director, 620 E. Main Street, Haines City, FL 33844.

I/WE HAVE DECLINED TO PROPOSE TO RFQ #24-01, titled Wastewater Treatment Plant Expansion CMAR for the following reason(s):

- ___ Proposal too "restrictive", i.e., geared toward one firm or provider.
- ___ Insufficient time to respond to Request for Proposals.
- ___ We do not offer this service.
- ___ Our schedule would not permit us to perform.
- ___ Unable to meet requirements.
- ___ Unable to meet bond requirements.
- ___ Work unclear (please explain below).
- ___ Other (please specify below).

REMARKS: _____

I/We understand that if this "No Proposal" form is not executed and returned, my/our name may be deleted from the list of qualified Proposers for City of Haines City for future projects.

Typed Name and Title _____

Company Name _____

Address _____

Signature and Title _____

_____/_____/_____
Telephone/fax Number Date

E Mail Address

Not Applicable

RFQ #24-01	Due Date & Time: March 12, 2024 @ 2:00 PM ET	Advertised Date: January 16, 2024
Purchasing Coordinator: Vickie Ramsier Phone: 863-421-9961 Email: vickie.ramsier@hainescity.com	Respond to: City of Haines City Attn: Finance 620 E. Main Street Haines City, FL 33844 Phone: (863) 421-3600	
Wastewater Treatment Plant Expansion CMAR		

Attachment J

FEDERAL E-VERIFY COMPLIANCE CERTIFICATION

In accordance with Executive Order Number 11-116 from the Office of the Governor of the State of Florida, Bidder hereby certifies that the U.S. Department of Homeland Security's E-Verify system will be used to verify the employment eligibility of all new employees hired by the respondent during the contract term, and shall expressly require any subcontractors performing work or providing services pursuant to the contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term; and shall provide documentation such verification to the CITY upon request. As the person authorized to sign this statement, I certify that this company complies/will comply fully with the above requirements

DATE: 3-12-2024

SIGNATURE: 

COMPANY: Vogel Bros. Building Co.

NAME: Darren Vogel

ADDRESS: 4223 S Pipkin Rd
Lakeland, FL 33811

TITLE: Vice President of Operations

E-MAIL: corporate@vogelbldg.com

PHONE NO.: 863-646-5078

FAX NO.: 863-644-5107



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
04/28/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER HNI Risk Services P.O. Box 510187 New Berlin WI 53151		CONTACT NAME: Amy Shaver PHONE (A/C, No, Ext): (262) 782-3940 FAX (A/C, No): (262) 782-4198 E-MAIL ADDRESS: ashaver@hni.com	
INSURED Vogel Bros. Building Co. 2720 Drane Field Road Lakeland FL 33811		INSURER(S) AFFORDING COVERAGE INSURER A: National Fire Insurance of Hartford INSURER B: Greenwich Insurance Company INSURER C: Travelers Property Casualty INSURER D: INSURER E: INSURER F:	NAIC # 20478 36940 25674

COVERAGES **CERTIFICATE NUMBER:** 23/24 FL incl Prof Poll **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO JECT <input type="checkbox"/> LOC OTHER:			6080288790	05/01/2023	05/01/2024	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 15,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY <input checked="" type="checkbox"/> comp/\$1,000 <input checked="" type="checkbox"/> coll/\$1,000			BUA6080288806	05/01/2023	05/01/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ PIP-Florida \$ 10,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> EXCESS LIAB OCCUR CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			CUE6080288837	05/01/2023	05/01/2024	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		Y/N N/A	WC680288823	05/01/2023	05/01/2024	PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
B	Prof/Poll / PEC004752907 (C) Excess Liability			EX-4T015785-23-NF	05/01/2023	05/01/2024	Each Occ/Agg \$3M/\$3M Per Occ/Agg \$10M/\$10M

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

The certificate holder is included as Additional Insured on General Liability, Auto, and Umbrella Liability on a Primary and Non-contributory basis. General Liability includes ongoing and completed operations. When required by written contract a waiver of subrogation applies to the General Liability, Business Auto, Workers Compensation, and Umbrella policy.

CERTIFICATE HOLDER

Sample Cert

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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First Business Bank
401 Charmany Drive
Madison, WI 53719
608-238-8008 | NASDAQ: FBIZ

January 18, 2024

To Whom It May Concern:

RE: Bank Reference Letter

This letter shall confirm that First Business Bank has committed a line of credit to Vogel Bros. Building Co. with availability in the low eight figure range. This line of credit currently has an outstanding balance of \$0. Vogel Bros. Building Co. is a valued client of the Bank's and pays all obligations in a timely manner.

If you have additional banking related questions about Vogel Bros. Building Co. that I can answer, please do not hesitate to contact me at 608-423-6679.

Sincerely,

A handwritten signature in black ink that reads "Chris Doering".

Chris Doering
Senior Vice President
First Business Bank

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

**Request for Taxpayer
Identification Number and Certification**

Give Form to the
requester. Do not
send to the IRS.

Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type.
See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Vogel Bros. Building co.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

Individual/sole proprietor or single-member LLC C Corporation S Corporation Partnership Trust/estate

Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

Other (see instructions) ▶ _____

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.
4223 S Pipkin Rd

6 City, state, and ZIP code
Lakeland, FL 33811

7 List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number									
			-						
or									
Employer identification number									
3	9	-	0	6	7	9	6	2	0

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ▶  Date ▶ 1-17-2024

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

THANK YOU



VOGEL
BROS. BUILDING CO.

2720 Drane Field Road, Lakeland, FL 33811 | 863.646.5078 | 863.644.5107 (fax)
www.vogelbldg.com

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