



## Indian River County Purchasing Division

1800 27<sup>th</sup> Street

Vero Beach, FL 32960

Phone (772) 226-1416

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## Invitation to Bid

Project Name:	Sandridge Dunes Course Pump Station
Bid #:	2020020
Bid Bond Required:	5% if bid over \$35,000
Public Construction Bond Required:	Yes, if total award is over \$100,000
Non-mandatory Pre-Bid Meeting time/location:	February 7, 2020 10:00 a.m. Sandridge Golf Club (Clubhouse) 5300 73 <sup>rd</sup> Street Vero Beach, FL Attendance is Highly-Encouraged

**Bid Opening Date: February 25, 2020**

**Bid Opening Time: 2:00 P.M.**

**All bids must be received by the Purchasing Division, 1800 27<sup>th</sup> Street, Vero Beach, Florida 32960 prior to the date and time shown above. Late bids will be returned unopened.**

PLEASE SUBMIT (1) ONE MARKED ORIGINAL AND (1) COPY OF YOUR BID.

**Refer All Questions to:**

Email: [purchasing@ircgov.com](mailto:purchasing@ircgov.com)

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## ADVERTISEMENT FOR BID

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Notice is hereby given that the Indian River County Board of County Commissioners is calling for and requesting bids for the following:

**Bid # 2020020**  
**Sandridge Dunes Course Pump Station**

Detailed specifications are available at: [www.demandstar.com](http://www.demandstar.com) or by selecting "Current Solicitations" at <http://www.ircgov.com/Departments/Budget/Purchasing>.

Deadline for receipt of bids has been set for **2:00 P.M. on February 25, 2020**. Only bids received on or before the time and date listed will be considered. Bids should be addressed to Purchasing Division, 1800 27<sup>th</sup> Street, Room B1-301, Vero Beach, Florida 32960. All bids will be opened publicly and read aloud at 2:00 PM. Bids submitted after 2:00 PM on the day specified above, will not be opened or considered.

**Non-Mandatory pre-bid conference will be held at: Sandridge Golf Club, 5300 73<sup>rd</sup> Street, on February 7, 2020 at 10:00 a.m. Attendance is Highly-Encouraged.**

BID SECURITY in the sum of not less than five percent (5%) of the total bid must accompany each bid over \$35,000.

The Board of County Commissioners reserves the right to cancel the bid, accept or reject any and all bids in whole or in part and to waive any technicality or irregularity.

**PURCHASING MANAGER**  
**INDIAN RIVER COUNTY**

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**Publish: For Publication in the Indian River Press Journal**

**Date: Sunday, January 12, 2020**

**Please furnish Tear Sheet, Affidavit of Publication, and Invoice to:**

Indian River County  
Purchasing Division  
1800 27<sup>th</sup> Street  
Vero Beach, FL 32960

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### Statement of No Bid

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Should you elect not to bid, please complete and send this page by email ([purchasing@ircgov.com](mailto:purchasing@ircgov.com)), fax (772-770-5140) or by mail to Indian River County Purchasing, 1800 27<sup>th</sup> Street, Vero Beach, FL 32960.

Please select all of the following that apply. Our decision not to bid on the subject project was based on:

- Project is located too far from our base of operations
- Project value too low
- Project specifications unclear (please explain below)
- Material availability may be a challenge
- Our current schedule will not allow us to perform
- Unable to meet insurance requirements
- Other:
- Other:

General comments regarding the bid and/or plans and specifications:

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## Instructions to Bidders

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### General Terms and Conditions

**Cone of Silence.** Potential bidders/respondents and their agents must not communicate in any way with the Board of Commissioners, County Administrator or any County staff other than Purchasing personnel in reference or relation to this solicitation. This restriction is effective from the time of bid advertisement until the Board of County Commissioners meets to authorize award. Such communication may result in disqualification.

**Sealed Bids and Envelope Markings:** All bids must be submitted in a sealed opaque envelope. The outside of the envelope must be clearly marked with the Sealed Bid #, Title of the Bid, Date of the Bid opening, and Time of the Bid Opening and name of firm submitting.

**Opening Location:** It will be the sole responsibility of the Bidder to deliver personally or by mail or other delivery service, their proposal to the office of the Indian River County Purchasing Division. Bids should be delivered to 1800 27<sup>th</sup> Street, Vero Beach, FL 32960, on or before the closing hour and date shown for receipt of bids. Bids received in person or by mail after the stated time and date will not be considered.

**Bid Submission:** All bids must be signed with the legal Firm name and by an Officer or employee having authority to bind the company or firm by his / her signature. Bids must be submitted on forms provided by Indian River County. **Bids not submitted on the attached form(s) shall be rejected.** Submittal of one marked original bid and one copy is required unless otherwise instructed.

**Bid Security and Public Construction Bond:** Bid security must accompany each Bid over \$35,000, and must be in the form of an AIA Document A310 Bid Bond, properly executed by the Bidder and by a qualified surety, or a certified check or a cashier's check, drawn on any bank authorized to do business in the State of Florida. Bid Security for bids over \$35,000 must be in the sum of not less than five percent (5%) of the total amount of the bid, made payable to Indian River County Board of County Commissioners. In the event the Contract is awarded to the Bidder, Bidder will enter into a Contract with the County and furnish the required 100% Public Construction Bond/Payment and Performance Bonds and insurance certificates within the timeframe set by the County. If Bidder fails to do so, the Bid Security will be retained by the County as liquidated damages and not as a penalty. If bid does not exceed \$100,000, no Public Construction/Payment or Performance Bond will be required. Bid Security of other Bidders whom OWNER believes do not have a reasonable chance of receiving the award will be returned within seven days after the Bid opening.

**Withdrawal of Bids:** A bid may be modified or withdrawn by an appropriate document duly executed in the manner that a Bid must be executed and delivered to the place where Bids are to be submitted prior to the date and time of opening of bids. If, within 24 hours after Bids are opened, any bidder files a duly signed written notice with Owner and promptly thereafter demonstrates to the reasonable satisfaction of Owner that there was a material and substantial mistake in the preparation of its Bid, that bidder may withdraw its bid and bid security will be returned. Thereafter, if the work is rebid, that bidder may be disqualified from further bidding on the work.

**Delivery Requirements:** Delivery is "FOB Destination" unless delivery terms are specified otherwise in the specifications. If County agrees in writing to reimburse Seller for transportation costs, County shall have the right to designate the method of shipment. In either case, the title and all risk of loss of the goods shall remain with the

Seller until the goods are received and accepted by the County. Rejected materials will be returned to Seller at the Seller's risk and expense.

**Price and Discount Requirements:** Quote net prices after deducting trade discounts. All discounts must be incorporated in the prices contained in the bid, and not shown separately. Invoices submitted must agree with the prices formally bid.

**Direct Purchase:** Indian River County reserves the option to purchase certain tangible materials necessary for the performance of the Contract, and thereby save the amount of the sales tax thereon by virtue of the Owner's status as a Tax Exempt Institution. For the purpose of these procedures, the Contractor will assign to the County any rights the Contractor may have under quotes, contracts or commitments received from the particular vendor or supplier for the materials described in the requisition. The invoiced amount of County Purchased Materials and applicable sales tax, had the purchases not been tax exempt, once finalized through the Owner's Purchase Order and after confirmation of completed delivery and acceptance, will be deducted from the Contractor's Contract price via Change Order.

**Taxes:** Indian River County is exempt from any taxes imposed by State and / or Federal Government. Exemption Certificates, if required, are to be furnished by the successful bidder and will be filled out by the County.

**Delivery and Completion Dates:** Indicate delivery and completion dates. This may be a determining factor in the award of the bid. The County may, at its option, grant additional time for any delay or failure to perform hereunder if the delay will not adversely affect the best interests of the County and is due to causes beyond the control of the Bidder. Such grant must be in writing and made part of the resulting Agreement.

**Irrevocable Offer:** Bidder warrants by virtue of bidding that the prices quoted in this bid will remain firm and be considered an irrevocable offer for a period of sixty (60) days, during which time one or more of the bids received may be accepted by Indian River County.

**Assignment/Delegation:** No right, obligation or interest in an awarded Agreement may be assigned or delegated by the Bidder without prior written consent of the County, without prejudice to County's other rights and remedies.

**Consideration of Bids:** Verbal, emailed or faxed bids will not be considered.

**Affirmative Steps:** [required for all federal contracts] CONTRACTOR must take the following affirmative steps to ensure minority business, women's business enterprises and labor surplus area firms are used when possible:

1. Placing qualified small and minority businesses and women's business enterprises on solicitation lists.
2. Ensuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources.
3. Dividing total requirements, when economically feasible, into smaller tasks or quantities to permit maximum participation by small and minority businesses, and women's business enterprises.
4. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises.
5. Using the services and assistance of the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

**Indemnification:** The successful Bidder shall defend, indemnify and hold harmless the County and its commissioners, officers, employees and agents, from any and all losses, damages, expenses (including reasonable

attorneys fees) and other liabilities of any type whatsoever, arising out of or relating to any negligence, intentional tort, breach of contract, or breach of applicable law by the contractor (or vendor), or its employees, agents, subcontractors, or other persons or entities performing work under the contract.

**Public Access:** The Bidder shall allow public access to all documents and materials in accordance with the provisions of Chapter 119, Florida Statutes. If this project is federally-funded, the Department of Homeland Security (DHS) seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials shall not be used by the Bidder without specific FEMA pre-approval.

**Records/Audit:** The Bidder shall maintain books, records and documents pertinent to performance under this Invitation and any resulting Agreement in accordance with generally accepted accounting principles consistently applied. The County and the Florida Office of the Inspector General shall have inspection and audit rights to such records for audit purposes during the term of the contract and for three years following the termination of obligations hereunder. Records which relate to any litigation, appeals or settlements of claims arising from performance under this work or purchase shall be made available until a final disposition has been made of such litigation, appeals, or claims.

**Acceptance:** Receipt of an item shall not be an indication that the items are acceptable. Final acceptance and authorization of payment shall be given after a thorough inspection indicates that the item is delivered in accordance with the Bid Specifications. Suppliers are advised that in the event the delivered item does not meet specifications, payment will be withheld until such time the supplier takes necessary corrective action.

**Permits, Impact and Inspection Fees.** In accordance with Florida Statutes Section 218.80, the "Public Bid Disclosure Act", Indian River County as OWNER is obligated to disclose all license, permit, impact, or inspection fees that are payable to Indian River County in connection with the construction of the Work by the accepted bidder. The anticipated cost of the permit fees due to the Indian River County Building Division is provided as a fixed line item on the bid form, and/or specifically noted in the scope of work. This amount does not include fees for any necessary re-inspection(s), which are the responsibility of the Contractor.

**Descriptive Information:** Descriptive literature including Specifications must accompany your bid. Manufacturer's name and model numbers are used herein solely for the purpose of establishing a standard of design, quality, and use of the merchandise required. Products of other manufacturers will be acceptable if they meet or exceed established standards with the exception of those items specified "NO SUBSTITUTION".

**Variations to Specifications:** For purposes of evaluation, *Bidder must indicate any variances from the specifications and / or conditions on the form provided with this Invitation to Bid.* Otherwise, it will be assumed that the product or service fully complies with the specifications. Items specifically described, as alternates shall be reviewed as an alternative bid to be considered by the County, in lieu of the primarily specified item(s). However, item(s) varying from the published specifications shall be considered substitutes, and the County reserves the right to consider or not to consider substitute bids. Substitutes shall be subject to disqualification if the County does not approve the substitution.

**Interpretations:** No oral interpretations will be made to any Bidder as to the meaning of the Specifications. Every request for such an interpretation shall be made in writing, addressed and forwarded to Indian River County ([purchasing@ircgov.com](mailto:purchasing@ircgov.com)) ten (10) or more days before the date fixed for opening of the bids. The County shall not be responsible for oral interpretations given by any County employee. Every interpretation made to bidder will be in the form of an Addendum to the specifications, which if issued, will be sent promptly as is practical to all persons to whom specifications have been issued. All such Addenda shall become part of the specifications. Further, it shall

be the responsibility of each bidder, prior to submitting their bid, to contact Indian River County's Purchasing Division at (772) 226-1416 to determine if addenda were issued and to make such addenda a part of their bid.

**Default Provision:** In case of default by the Bidder, Indian River County may procure the articles or services from other sources and hold the Bidder responsible for excess costs incurred thereby, and may take such action, as it deems appropriate, including legal action for Damages or Specific Performance.

**Manufacturer's Certification:** Indian River County reserves the right to request from the Bidder a separate manufacturer's certification of all statements made in the proposal.

**Signed Bid Considered an Offer:** This signed bid shall be considered an offer on the part of the Bidder. Indian River County Board of County Commissioners shall deem the offer accepted upon approval.

**Non-Collusion:** By signing and submitting the Bid Form, the Bidder certifies that,

- This bid has been arrived at by the Bidder independently and has been submitted without collusion, and without any agreement, understanding, or planned common course, or action with, any vendor of materials, supplies, equipment, or services described in the invitation to bid, designed to limit independent bidding or competition, and
- The contents of the bid have not been communicated by the Bidder or its employees or agents to any person not an employee or an agent of the bidder or its surety on any bond furnished with the bid, and will not be communicated to any such person prior to the official opening of the bid.
- No attempt has been made or will be made by the Bidder to induce any other person(s) or firm(s) to submit or not to submit a bid for the purpose of restricting competition.

**Public Entity Crimes:** Pursuant to Florida Statutes Section 287.133(2)(a), all Bidders are hereby notified that a person or affiliate who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid, proposal, or reply on a contract to provide any goods or services to a public entity (defined as the State of Florida, any of its departments or agencies, or any political subdivision); may not submit a bid, proposal, or reply on a contract with a public entity for the construction or repair of a public building or public work; may not submit bids, proposals, or replies on leases of real property to a public entity; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with any public entity; and may not transact business with any public entity in excess of the threshold amount provided in Florida Statutes Section 287.017 for CATEGORY TWO [currently \$35,000] for a period of 36 months from the date of being placed on the convicted vendor list. A "public entity crime" 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 or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.

**Suspension and Debarment:** Indian River County will not make award to parties listed on the government-wide exclusions in the System for Award Management (SAM). The bidder agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

**Scrutinized Companies Lists:** The bidder certifies that it and those related entities of respondent as defined by Florida law are not on the Scrutinized Companies that Boycott Israel List, created pursuant to s. 215.4725 of the Florida Statutes, and are not engaged in a boycott of Israel. In addition, if this agreement is for goods or services of one million dollars or more, Contractor certifies that it and those related entities of respondent as defined by Florida law are not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Section 215.473 of the Florida Statutes and are not engaged in business operations in Cuba or Syria. The County may terminate this Contract if Company is found to have submitted a false certification as provided under section 287.135(5), Florida Statutes, been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or been engaged in business operations in Cuba or Syria, as defined by section 287.135, Florida Statutes. County may terminate this Contract if Company, including all wholly owned subsidiaries, majority-owned subsidiaries, and parent companies that exist for the purpose of making profit, is found to have been placed on the Scrutinized Companies that Boycott Israel List or is engaged in a boycott of Israel as set forth in section 215.4725, Florida Statutes.

Accordingly, firms responding to this solicitation shall return with their response an executed copy of the attached "Certification Regarding Prohibition Against Contracting With Scrutinized Companies." Failure to return this executed form with submitted bid/proposal/statement of qualifications will result in the response being deemed non-responsive and eliminated from consideration.

**Non-Discrimination:** Indian River County will not knowingly do business with vendors or contractors who discriminate on the basis of race, color or national origin, sex, sexual orientation, gender identity, age and/or disability. Through the course of providing services to the County, Contractors shall affirmatively comply with all applicable provisions of Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987 and the Florida Civil Rights Act of 1992, as well as all other applicable regulations, guidelines and standards. Any person who believes their rights have been violated should report such discrimination to the County's Title VI/Nondiscrimination Coordinator through the office of the County Attorney.

**Local Preference:** Indian River County has no local ordinance or preferences, as set forth in Florida Statutes section 255.0991(2) in place, therefore no preference prohibited by that section will be considered in the acceptance, review or award of this bid.

**Energy Policy and Conservation Act** – The Contractor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act.

**Regulations:** It shall be the responsibility of the bidder to assure compliance with any OSHA, EPA and / or other Federal or State of Florida rules, regulations, or other requirements, as each may apply.

**Applicable Law and Venue:** The resulting Agreement and all rights and duties of the parties hereto shall be governed by the laws of the State of Florida, including but not limited to the provisions of the Florida Uniform Commercial Code Chapters 671-679 F.S., for any terms and conditions not specifically stated within. Venue for any lawsuit brought by either party against the other party or otherwise arising out of this Contract shall be in Indian River County, Florida, or, in the event of a federal jurisdiction, in the United States District Court for the Southern District of Florida.



**Conflict of Interest:** Any entity submitting a bid or proposal or entering into a contract with the County shall disclose any relationship that may exist between the contracting entity and a County Commissioner or a County Employee. The relationship with a County Commissioner or a County Employee that must be disclosed is as follows: *father, mother, son, daughter, brother, sister, uncle, aunt, first cousin, nephew, niece, husband, wife, father-in-law, mother-in-law, daughter-in-law, son-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, half brother, half sister, grandparent, or grandchild.* The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of the entity. The disclosure of relationships shall be a sworn statement made on a County approved form. Failure to submit the form may be cause for rejection of the bid or proposal.

**Cancellation:** It is the intention of Indian River County to purchase material and / or services from sources of supply that will provide prompt and convenient shipment and service. Any failure of the supplier to satisfy the requirements of the County shall be reason for termination of the award.

**Errors:** When an error is made in the bid extension of generating total bid prices or in any other process of completing the bid, the original unit prices submitted will govern. Carelessness in quoting prices, or in preparation of the bid otherwise, will not relieve the bidder from performance.

**Bid Rejection:** Failure to comply with all the above instructions *may* result in rejection of the bid.

**Bid Protest:** Any actual or prospective bidder or proposer who is aggrieved in connection with a competitive selection process may protest to the Purchasing Manager. The protest shall be submitted to the Purchasing Manager in writing within seven (7) calendar days after the bidder or proposer knows or should have known of the facts giving rise to the protest. If the protest is not resolved by mutual agreement, the Purchasing Manager shall promptly issue a decision in writing, after consulting the using Department and the Office of the County Attorney.

**Co-Operative Purchasing:** It is the intent of the Invitation of Bid to secure goods or services to be used by Indian River County. However, by virtue of bidding, the bidder accepts the right of other Florida Governmental agencies to purchase from this bid proposal. The successful bidder and the requesting Governmental agency, apart from Indian River County, shall handle any such purchases separately. Further, Indian River County assumes no liability for materials or services ordered by any other Governmental agency by virtue of this bid. *(Bidders that find this condition unsatisfactory should indicate this by showing exception on the Bid Form.)*

**Supplemental Information:** The County reserves the right to conduct such investigations as it deems necessary to assist in the evaluation of any Bid and to establish the responsibility, qualifications and financial ability of Bidders, proposed subcontractors, suppliers, and other relevant parties to perform and furnish the work. To demonstrate qualifications to perform the work, each Bidder must be prepared to submit, within 5 days of Owner's request, written evidence, such as financial data, previous experience, present commitments, and other such data as may be necessary to prove to the satisfaction of the Owner that the Bidder is qualified by experience to do the work and is prepared to complete the work within the stated time period. Failure to provide any requested information may result in the determination of the Bidder as non-responsible.

**Awards:** The County reserves the right to cancel the bid, accept or reject any and all bids or waive any irregularity or technicality in bids received. When it is determined there is no competition to the lowest responsive, responsible Bidder, evaluation of other bids is not required. Bidders are cautioned to make no assumptions unless their bid has been evaluated as being responsive. The County reserves the right to not make any award(s) under this bid.

**Termination by the County:** The County reserves the right to terminate a contract by giving thirty (30) days notice, in writing, of the intention to terminate, if at any time the contractor fails to abide by or fulfill any of the terms and conditions of the contract. The County also reserves the right to terminate this contract for convenience of the County and / or with or without cause.

**Compliance with Laws and Regulations:** Bidder agrees that they will comply with all Federal, State, and Local Laws and Regulations applicable to the production, sale, and delivery of the goods or the furnishing of any labor or services called for by the resulting Agreement, and any provisions required thereby to be included herein shall be deemed to be incorporated herein by reference. Noncompliance may be considered grounds for termination of contracts.

**Public Record Law:** Correspondence, materials, and documents received pursuant to this Invitation for Bid become public records subject to the provisions of Chapter 119, Florida Statutes. Should the Bidder assert any exemptions to the requirements of Chapter 119, Florida Statutes, and related statutes, the burden of establishing such exemption, by the way of injunctive or other relief as provided by law, shall be upon the Bidder.

**Licensure:** Bidder must be a Florida certified or registered, building or general contractor at the time of bid submittal. Successful bidder must be registered with the Indian River County Building Division prior to execution of an agreement.

**Insurance:**

- **Owners and Subcontractors Insurance:** The Contractor shall not commence work until they have obtained all the insurance required under this section, and until such insurance has been approved by the owner, nor shall the contractor allow any subcontractor to commence work until the subcontractor has obtained the insurance required for a contractor herein and such insurance has been approved unless the subcontractor’s work is covered by the protections afforded by the Contractor’s insurance.
- **Worker’s Compensation Insurance:** The Contractor shall procure and maintain worker’s compensation insurance to the extent required by law for all their employees to be engaged in work under this contract. In case any employees are to be engaged in hazardous work under this contract and are not protected under the worker’s compensation statute, the Contractor shall provide adequate coverage for the protection of such employees.
- **Public Liability Insurance:** The Contractor shall procure and maintain broad form commercial general liability insurance (including contractual coverage) and commercial automobile liability insurance in amounts not less than shown below. The owner shall be an additional named insured on this insurance on this insurance with respect to all claims arising out of the operations or work to be performed.

<p>Commercial General (Public) Liability, other than Automobile</p> <p>\$1,000,000.00 Combined single limit for Bodily Injury and Property Damage</p>	<p><b>Commercial General</b></p> <p>A. <b>Premises / Operations</b></p> <p>B. <b>Independent Contractors</b></p> <p>C. <b>Products / Completed Operations</b></p> <p>D. <b>Personal Injury</b></p> <p>E. <b>Contractual Liability</b></p> <p>F. <b>Explosion, Collapse, and Underground Property Damage</b></p>
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Automobile \$1,000,000.00 Combined single limit Bodily Injury and Damage Liability	A. <b>Owner Leased Automobiles</b> B. <b>Non-Owned Automobiles</b> C. <b>Hired Automobiles</b> D. <b>Owned Automobiles</b>
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- **Proof of Insurance:** The Contractor shall furnish the owner a certificate of insurance in a form acceptable to the owner for the insurance required. Such certificate or an endorsement provided by the contractor must state that the owner will be given thirty (30) days written notice prior to cancellation or material change in coverage. Copies of an endorsement-naming owner as Additional Insured must accompany the Certificate of Insurance.

Indian River County reserves the right to accept or reject any or all bids in whole or in part and waive all any technicality or irregularity.

**Note: Any and all special conditions attached hereto, which may vary from these General Conditions, shall have precedence.**

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End of General Terms and Conditions

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## Technical Specifications

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### Scope

Please reference Attachment A for specifications and plans.

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End of Technical Specifications

**Indian River County Purchasing Division**

1800 27<sup>th</sup> Street  
 Vero Beach, FL 32960  
 Phone (772) 226-1416



**Bid Form**

**Sandridge Dunes Course Pump Station**

Bid #: 2020020  
 Bid Opening Date and Time: February 25, 2020 2:00 P.M.  
 Bid Opening Location: Purchasing Division  
 1800 27<sup>th</sup> Street  
 Vero Beach, FL 32960

The following addenda are hereby acknowledged:

Addendum Number	Date
_____	_____
_____	_____
_____	_____
_____	_____

In accordance with all terms, conditions, specifications, and requirements, the Bidder offers the following:

<b>PUMP STATION SYSTEM</b>	<b>LUMP SUM TOTAL</b>
1. Mobilization	\$
2. Watertronics Pump Station	\$
3. Pump Station Wet Well	\$
4. Intake Pipe and Screen	\$
5. New Down Pipe, Irrigation HDPE Mainline, Valve and Electrical Tie-Ins to Existing Irrigation System	\$
6. Removal of Existing Pump Station and Proper Disposal	\$
7. Permit fees (fixed price)	\$ <b>888.47</b>
<b>TOTAL COMPLETE PUMP STATION SYSTEM</b>	\$

<b>ADDITIONS FOR OPTIONAL FERTIGATION SYSTEM</b>	<b>LUMP SUM TOTAL</b>
1. Fertigation System Assembly	\$
2. One (1) 1,050-gallon tank	\$
3. Fertigation Containment Area	\$
<b>TOTAL OPTIONAL COMPLETE FERTIGATION SYSTEM</b>	\$

**The undersigned hereby certifies that they have read and understand the contents of this solicitation and agree to furnish at the prices shown any or all of the items above, subject to all instructions, conditions, specifications, and attachments hereto. Failure to have read all the provisions of this solicitation shall not be cause to alter any resulting contract or request additional compensation.**

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

City, State \_\_\_\_\_ Zip Code \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Business Tax Receipt Number: \_\_\_\_\_ FEIN Number: \_\_\_\_\_

**Authorized Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_  
(Type / Printed)

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## Qualifications Questionnaire

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1. Bidding Firm Name as reflected in FL Division of Corporations: \_\_\_\_\_  
\_\_\_\_\_
2. Bidder's email: \_\_\_\_\_
3. Bidder's Contractor License No(s): \_\_\_\_\_  
**\*reference licensure requirements on page 10**
4. Number of years the firm has performed business as a Contractor in construction work of the type involved in this contract: \_\_\_\_\_
5. What is the last project OF THIS NATURE that the firm has completed? \_\_\_\_\_  
\_\_\_\_\_
6. Has the firm ever failed to complete work awarded to you? \_\_\_\_\_  

[If your answer is "yes", then attach a separate page to this questionnaire that explains the circumstances and list the project name, Owner, and the Owner's telephone number for each project in which the firm failed to complete the work.]
7. Has the firm ever been assessed liquidated damages? \_\_\_\_\_  

[If your answer is "yes", then attach a separate page to this questionnaire that explains the circumstances and list the project name, Owner, and the Owner's telephone number for each project in which liquidated damages have been assessed.]
8. Has the firm ever been charged by OSHA for violating any OSHA regulations? \_\_\_\_\_  

[If your answer is "yes", then attach a separate page to this questionnaire that explains the circumstances and list the project name, Owner, and the Owner's telephone number for each project in which OSHA violations were alleged.]
9. Has the firm ever been charged with noncompliance of any public policy or rules? \_\_\_\_\_  

[If your answer is "yes", then attach a separate page to this questionnaire that explains the circumstances and list the project name, Owner, and the Owner's telephone number for each project.]
10. Attach to this questionnaire, a notarized financial statement and other information that documents the firm's financial strength and history.
11. Has the firm ever defaulted on any of its projects? \_\_\_\_\_

[If your answer is “yes”, then attach a separate page to this questionnaire that explains the circumstances and list the project name, Owner, and the Owner’s telephone number for each project in which a default occurred.]

12. Attach a separate page to this questionnaire that summarizes the firm’s current workload and that demonstrates its ability to meet the project schedule.
13. Name of person who inspected the site of the proposed work for the firm:  
Name: \_\_\_\_\_ Date of Inspections: \_\_\_\_\_
14. Name of on-site Project Foreman: \_\_\_\_\_  
Number of years of experience with similar projects as a Project Foreman: \_\_\_\_\_
15. Name of Project Manager: \_\_\_\_\_  
Number of years of experience with similar projects as a Project Manager: \_\_\_\_\_
16. State your total bonding capacity: \_\_\_\_\_
17. State your bonding capacity per job: \_\_\_\_\_
18. Please provide name, address, telephone number, and contact person of your bonding company: \_\_\_\_\_



19. Complete the following table for SIMILAR projects:

Name of Project	Date Completed	Owner	Contact Person: Name, email and Telephone Number	Original Contract Amount	Final Contract Amount

**DRUG-FREE WORKPLACE CERTIFICATION**

**(Please include this form with your bid)**

The undersigned vendor in accordance with Florida Statute 287.087 hereby certifies that \_\_\_\_\_ does:

(Name of Business)

- 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’s 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 subsection (1).
- 4. In the statement specified in subsection (1), 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 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than 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 Section 287.087.

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

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Bidder's Signature

Date: \_\_\_\_\_

**Affidavit of Compliance**

**(Please include this form with your bid. Failure to include will be interpreted as indication you take no exceptions.)**

Indian River County Bid # 2020020 for Sandridge Dunes Course Pump Station

We DO NOT take exception to the Bid / Specifications.

We TAKE exception to the Bid / Specifications as follows: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Company Name: \_\_\_\_\_

Company Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Title: \_\_\_\_\_

(Typed / Printed)

---

**SWORN STATEMENT UNDER SECTION 105.08, INDIAN RIVER COUNTY CODE, ON DISCLOSURE OF  
RELATIONSHIPS**

---

**THIS FORM MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.**

1. This sworn statement **MUST** be submitted with Bid, Proposal or Contract No. 2020020  
for Sandridge Dunes Pump Station

2. This sworn statement is submitted by: \_\_\_\_\_  
\_\_\_\_\_  
(Name of entity submitting Statement)

whose business address is:

\_\_\_\_\_ and its Federal Employer Identification Number (FEIN) is \_\_\_\_\_

3. My name is \_\_\_\_\_  
(Please print name of individual signing)

and my relationship to the entity named above is \_\_\_\_\_

4. I understand that an "affiliate" as defined in Section 105.08, Indian River County Code, means:

The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of the entity.

5. I understand that the relationship with a County Commissioner or County employee that must be disclosed as follows:

Father, mother, son, daughter, brother, sister, uncle, aunt, first cousin, nephew, niece, husband, wife, father-in-law, mother-in-law, daughter-in-law, son-in-law, brother-in-law, sister-in-law, stepfather, stepmother, stepson, stepdaughter, stepbrother, stepsister, half brother, half sister, grandparent, or grandchild.

6. 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 are active in management of the

entity, have any relationships as defined in section 105.08, Indian River County Code, with any County Commissioner or County employee.

\_\_\_\_\_ 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 management of the entity have the following relationships with a County Commissioner or County employee:

Name of Affiliate or entity	Name of County Commissioner or employee	Relationship
_____	_____	_____
_____	_____	_____
_____	_____	_____

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Date)

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by \_\_\_\_\_, who is personally known to me or who has produced \_\_\_\_\_ as identification.

NOTARY PUBLIC

SIGN: \_\_\_\_\_

PRINT: \_\_\_\_\_

Notary Public, State at large  
My Commission Expires:

(Seal)

---

**CERTIFICATION REGARDING PROHIBITION AGAINST CONTRACTING WITH SCRUTINIZED COMPANIES**

---

**(This form MUST be submitted with your bid)**

I hereby certify that neither the undersigned entity, nor any of its wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit have been placed on the Scrutinized Companies that Boycott Israel List created pursuant to s. 215.4725 of the Florida Statutes, or are engaged in a boycott of Israel.

In addition, if this solicitation is for a contract for goods or services of one million dollars or more, I hereby certify that neither the undersigned entity, nor any of its wholly owned subsidiaries, majority-owned subsidiaries, parent companies, or affiliates of such entities or business associations, that exists for the purpose of making profit are on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to s. 215.473 of the Florida Statutes, or are engaged in business operations in Cuba or Syria as defined in said statute.

I understand and agree that the County may immediately terminate any contract resulting from this solicitation upon written notice if the undersigned entity (or any of those related entities of respondent as defined above by Florida law) are found to have submitted a false certification or any of the following occur with respect to the company or a related entity: (i) it has been placed on the Scrutinized Companies that Boycott Israel List, or is engaged in a boycott of Israel, or (ii) for any contract for goods or services of one million dollars or more, it has been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or it is found to have been engaged in business operations in Cuba or Syria.

Name of Respondent: \_\_\_\_\_

By: \_\_\_\_\_  
(Authorized Signature)

Title: \_\_\_\_\_

Date: \_\_\_\_\_

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**CERTIFICATION REGARDING LOBBYING**

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Certification for Contracts, Grants, Loans, and Cooperative Agreements  
(This form MUST be submitted with each bid or offer exceeding \$100,000)

The undersigned Contractor certifies, to the best of his or her knowledge, that:

1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.
3. The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The Contractor, \_\_\_\_\_, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. § 3801 et seq., apply to this certification and disclosure, if any.

\_\_\_\_\_  
Signature of Contractor's Authorized Official

\_\_\_\_\_  
Name and Title of Contractor's Authorized Official

\_\_\_\_\_  
Date

**Warranty Information Form**

**(All Blanks must be filled in and Submitted with your Bid)**

Indian River County Bid # 2020020 for Sandridge Dunes Course Pump Station

Make and Model of Proposed Equipment: \_\_\_\_\_

Is there a warranty on the proposed equipment? Yes  No

Does the warranty apply to all components or only part? *(Please specify)* \_\_\_\_\_

Warranty period for parts: \_\_\_\_\_

Warranty period for service: \_\_\_\_\_

Nearest source to Indian River County for parts and service: \_\_\_\_\_

Who will provide service and where in the event of failure within warranty period?

Company Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_

Contact person: \_\_\_\_\_

Will any voluntary service follow installation or delivery? Yes  No

If so, by whom? \_\_\_\_\_ When? \_\_\_\_\_

Who is the highest authority (manufacturer, distributor, dealer, etc...) fully behind this warranty?

A copy of the complete warranty statement is submitted herewith: Yes  No



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## **Sample Agreement**

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**THIS AGREEMENT** is by and between INDIAN RIVER COUNTY, a Political Subdivision of the State of Florida organized and existing under the Laws of the State of Florida, (hereinafter called OWNER)

and \_\_\_\_\_  
(hereinafter called CONTRACTOR). OWNER and CONTRACTOR, in consideration of the mutual covenants hereinafter set forth, agree as follows:

### **ARTICLE 1 - WORK**

CONTRACTOR shall complete all Work as specified or indicated in the Contract Documents. The Work generally described as follows:

Replacement of existing irrigation pump station on Dunes Course

### **ARTICLE 2 - THE PROJECT**

The Project for which the Work under the Contract Documents may be the whole or only a part is generally described as follows:

Project Name: Sandridge Dunes Course Pump Station  
Bid Number: 2020020  
Project Address: 5300 73<sup>rd</sup> Street, Vero Beach, FL

### **ARTICLE 3 - CONTRACT TIMES**

#### **3.01 *Time of the Essence***

- A. All time limits for Milestones, if any, Substantial Completion, and completion and readiness for final payment as stated in the specifications are of the essence of the Agreement.

#### **3.02 *Days to Achieve Substantial Completion, Final Completion and Final Payment***

- A. The Work will be completed and ready for final payment on or before the 120th day after the date when the Contract Times commence to run.

#### **3.03 *Liquidated Damages***

- A. CONTRACTOR and OWNER recognize that time is of the essence of this Agreement and that OWNER will suffer financial loss if the Work is not completed within the times specified in paragraph 3.02 above, plus any extensions thereof allowed in writing as a change order to this Agreement. Liquidated damages will commence for this portion of work. The parties also recognize the delays, expense, and difficulties involved in proving in a legal proceeding the actual loss suffered by OWNER if the Work is not completed on time. Accordingly, instead of requiring any such proof, OWNER and CONTRACTOR agree that as liquidated damages for delay (but not as a penalty), CONTRACTOR shall pay OWNER \$388.00 for each calendar day that expires after the

time specified in paragraph 3.02 for completion and readiness for final payment until the Work is completed and ready for final payment.

**ARTICLE 4 - CONTRACT PRICE**

4.01 OWNER shall pay CONTRACTOR for completion of the Work an amount in current funds equal to the sum of the amounts determined pursuant to paragraph 4.01.A and summarized in paragraph 4.01.B, below:

- A. For all Work, at the prices stated in CONTRACTOR’s Bid, attached hereto as Exhibit 1.
- B. THE CONTRACT SUM subject to additions and deductions provided in the Contract Documents:

Numerical Amount: \$ \_\_\_\_\_

Written Amount: \_\_\_\_\_

\_\_\_\_\_

**ARTICLE 5 - PAYMENT PROCEDURES**

5.01 Method of Payment

Owner shall make only one payment for the entire amount of the contract when the work has been completed. Upon a determination of satisfactory completion, the COUNTY Project Manager will authorize payment to be made. All payments for services shall be made to the CONTRACTOR by the COUNTY in accordance with the Local Government Prompt Payment Act, as may be amended from time to time (Section 218.70, Florida Statutes, et seq.).

5.02 Acceptance of Final Payment as Release

The acceptance by the CONTRACTOR of final payment shall be and shall operate as a release to the OWNER from all claims and all liability to the CONTRACTOR other than claims in stated amounts as may be specifically excepted by the CONTRACTOR for all things done or furnished in connection with the work under this Agreement and for every act and neglect of the OWNER and others relating to or arising out of the work. Any payment, however, final or otherwise, shall not release the CONTRACTOR or its sureties from any obligations under this Agreement, the Invitation to Bid or the Public Construction Bond.

**ARTICLE 6 - INDEMNIFICATION**

6.01 CONTRACTOR shall indemnify and hold harmless the OWNER, and its officers and employees, from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney’s fees, to the extent caused by the negligence, recklessness, or intentional wrongful misconduct of the CONTRACTOR and persons employed or utilized by the CONTRACTOR in the performance of the Work.

**ARTICLE 7 - CONTRACTOR'S REPRESENTATIONS**

7.01 In order to induce OWNER to enter into this Agreement CONTRACTOR makes the following representations:

- A. CONTRACTOR has examined and carefully studied the Contract Documents and the other related data identified in the Invitation to Bid documents.
- B. CONTRACTOR has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. CONTRACTOR is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. CONTRACTOR has obtained and carefully studied (or assumes responsibility for having done so) all additional or supplementary examinations, investigations, explorations, tests, studies, and data concerning conditions (surface, subsurface, and Underground Facilities) at or contiguous to the Site which may affect cost, progress, or performance of the Work or which relate to any aspect of the means, methods, techniques, sequences, and procedures of construction to be employed by CONTRACTOR, including applying the specific means, methods, techniques, sequences, and procedures of construction, if any, expressly required by the Contract Documents to be employed by CONTRACTOR, and safety precautions and programs incident thereto.
- E. CONTRACTOR does not consider that any further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract Documents.
- F. CONTRACTOR is aware of the general nature of work to be performed by OWNER and others at the Site that relates to the Work as indicated in the Contract Documents.
- G. CONTRACTOR has correlated the information known to CONTRACTOR, information and observations obtained from visits to the Site, reports and drawings identified in the Contract Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.
- H. CONTRACTOR has given OWNER written notice of all conflicts, errors, ambiguities, or discrepancies that CONTRACTOR has discovered in the Contract Documents, and the written resolution thereof by OWNER is acceptable to CONTRACTOR.
- I. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

**ARTICLE 8 - CONTRACT DOCUMENTS**

8.01 *Contents*

- A. The Contract Documents consist of the following:

- (1) This Agreement (pages 1 to \_\_ , inclusive);
- (2) Notice to Proceed
- (3) Public Construction Bond (pages to , inclusive);
- (4) Certificate of Liability Insurance
- (5) Invitation to Bid 2020020
- (6) Addenda (numbers to , inclusive);
- (7) CONTRACTOR'S Bid Form (pages \_\_ to \_\_, inclusive);
- (8) Bid Bond (pages \_\_ inclusive);
- (9) Qualifications Questionnaire (pages \_\_ to \_\_, inclusive);
- (10) Drug Free Workplace Form (pages \_\_ to \_\_, inclusive)
- (11) Affidavit of Compliance (page \_\_);
- (12) Sworn Statement Under Section 105.08, Indian River County Code, on Disclosure of Relationships (pages \_\_ to \_\_, inclusive);
- (13) Certification Regarding Prohibition Against Contracting with Scrutinized Companies
- (14) Certification Regarding Lobbying
- (15) The following which may be delivered or issued on or after the Effective Date of the Agreement and are not attached hereto:
  - a) Written Amendments;
  - b) Work Change Directives;
  - c) Change Order(s).

**ARTICLE 9 - MISCELLANEOUS**

9.01 *Terms*

- A. Terms used in this Agreement will have the meanings indicated in the Invitation to Bid.

9.02 *Assignment of Contract*

- A. No assignment by a party hereto of any rights under or interests in the Agreement will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

9.03 *Successors and Assigns*

- A. OWNER and CONTRACTOR each binds itself, its partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

9.04 *Severability*

- A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon OWNER and CONTRACTOR, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

9.05 *Venue*

- A. This Agreement shall be governed by the laws of the State of Florida. Venue for any lawsuit brought by either party against the other party or otherwise arising out of this Agreement shall be in Indian River County, Florida, or, in the event of a federal jurisdiction, in the United States District Court for the Southern District of Florida.

9.06 *Public Records Compliance*

- A. Indian River County is a public agency subject to Chapter 119, Florida Statutes. The Contractor shall comply with Florida's Public Records Law. Specifically, the Contractor shall:
  - (1) Keep and maintain public records required by the County to perform the service.
  - (2) Upon request from the County's Custodian of Public Records, provide the County with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119 or as otherwise provided by law.
  - (3) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the County.

(4) Upon completion of the contract, transfer, at no cost, to the County all public records in possession of the Contractor or keep and maintain public records required by the County to perform the service. If the Contractor transfers all public records to the County upon completion of the contract, the Contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the Contractor shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the County, upon request from the Custodian of Public Records, in a format that is compatible with the information technology systems of the County.

**B. IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT:**

**(772) 226-1424**

**[publicrecords@ircgov.com](mailto:publicrecords@ircgov.com)**

**Indian River County Office of the County Attorney**

**1801 27<sup>th</sup> Street**

**Vero Beach, FL 32960**

C. Failure of the Contractor to comply with these requirements shall be a material breach of this Agreement.

**Article 10: - TERMINATION OF CONTRACT**

A. The occurrence of any of the following shall constitute a default by CONTRACTOR and shall provide the OWNER with a right to terminate this Contract in accordance with this Article, in addition to pursuing any other remedies which the OWNER may have under this Contract or under law:

- (1) if in the OWNER's opinion CONTRACTOR is improperly performing work or violating any provision(s) of the Contract Documents;
- (2) if CONTRACTOR neglects or refuses to correct defective work or replace defective parts or equipment, as directed by the Engineer pursuant to an inspection;
- (3) if in the OWNER's opinion CONTRACTOR's work is being unnecessarily delayed and will not be finished within the prescribed time;
- (4) if CONTRACTOR assigns this Contract or any money accruing thereon or approved thereon; or
- (5) if CONTRACTOR abandons the work, is adjudged bankrupt, or if he makes a general assignment for the benefit of his creditors, or if a trustee or receiver is appointed for CONTRACTOR or for any of his property.

B. OWNER shall, before terminating the Contract for any of the foregoing reasons, notify CONTRACTOR in writing of the grounds for termination and provide CONTRACTOR with ten (10) calendar days to cure the default to the reasonable satisfaction of the OWNER.

- C. If the CONTRACTOR fails to correct or cure within the time provided in the preceding Sub-Article B, OWNER may terminate this Contract by notifying CONTRACTOR in writing. Upon receiving such notification, CONTRACTOR shall immediately cease all work hereunder and shall forfeit any further right to possess or occupy the site or any materials thereon; provided, however, that the OWNER may authorize CONTRACTOR to restore any work sites.
- D. The CONTRACTOR shall be liable for:
- (1) any new cost incurred by the OWNER in soliciting bids or proposals for and letting a new contract; and
  - (2) the difference between the cost of completing the new contract and the cost of completing this Contract;
  - (3) any court costs and attorney's fees associated with any lawsuit undertaken by OWNER to enforce its rights herein.
- E. TERMINATION FOR CONVENIENCE: OWNER may at any time and for any reason terminate CONTRACTOR's services and work for OWNER's convenience. Upon receipt of notice of such termination CONTRACTOR shall, unless the notice directs otherwise, immediately discontinue the work and immediately cease ordering of any materials, labor, equipment, facilities, or supplies in connection with the performance of this Contract. Upon such termination Contractor shall be entitled to payment only as follows:
- (1) the actual cost of the work completed in conformity with this Contract and the specifications; plus,
  - (2) such other costs actually incurred by CONTRACTOR as are permitted by the prime contract and approved by the OWNER.
- Contractor shall not be entitled to any other claim for compensation or damages against the County in the event of such termination.
- F. TERMINATION IN REGARDS TO F.S. 287.135: TERMINATION IN REGARDS TO F.S. 287.135: CONTRACTOR certifies that it and those related entities of CONTRACTOR as defined by Florida law are not on the Scrutinized Companies that Boycott Israel List, created pursuant to s. 215.4725 of the Florida Statutes, and are not engaged in a boycott of Israel. In addition, if this agreement is for goods or services of one million dollars or more, CONTRACTOR certifies that it and those related entities of CONTRACTOR as defined by Florida law are not on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Section 215.473 of the Florida Statutes and are not engaged in business operations in Cuba or Syria.

OWNER may terminate this Contract if CONTRACTOR is found to have submitted a false certification as provided under section 287.135(5), Florida Statutes, been placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, or been engaged in business operations in Cuba or Syria, as defined by section 287.135, Florida Statutes.

OWNER may terminate this Contract if CONTRACTOR, including all wholly owned subsidiaries, majority-owned subsidiaries, and parent companies that exist for the purpose of making profit, is found to have been placed on the Scrutinized Companies that Boycott Israel List or is engaged in a boycott of Israel as set forth in section 215.4725, Florida Statutes.

IN WITNESS WHEREOF, OWNER and CONTRACTOR have signed this Agreement in duplicate. One counterpart each has been delivered to OWNER and CONTRACTOR. All portions of the Contract Documents have been signed or identified by OWNER and CONTRACTOR or on their behalf.

This Agreement will be effective on \_\_\_\_\_, 20\_\_ (the date the Agreement is approved by the Indian River County Board of County Commissioners, which is the Effective Date of the Agreement).

**OWNER:**

**CONTRACTOR:**

INDIAN RIVER COUNTY \_\_\_\_\_

\_\_\_\_\_

By: \_\_\_\_\_  
Susan Adams, Chairman

By: \_\_\_\_\_  
(Contractor)

By: \_\_\_\_\_  
Jason E. Brown, County Administrator

(CORPORATE SEAL)

Attest \_\_\_\_\_

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

By: \_\_\_\_\_  
Dylan Reingold, County Attorney

Address for giving notices:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Jeffrey R. Smith, Clerk of Court and Comptroller

License No. \_\_\_\_\_  
(Where applicable)

Attest: \_\_\_\_\_  
Deputy Clerk

(SEAL)

Agent for service of process: \_\_\_\_\_

Designated Representative:

Name:  
Title:  
Address:  
Phone  
Email

Designated Representative:  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_  
Phone: \_\_\_\_\_  
Email: \_\_\_\_\_

(If CONTRACTOR is a corporation or a partnership, attach evidence of authority to sign.)



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**Exhibit 1 – Bid Form**

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## **PUBLIC CONSTRUCTION BOND**

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### INSTRUCTION FOR PUBLIC CONSTRUCTION BOND

The front or cover page to the required public construction/payment and performance bond shall contain the information required by Fla. Stat. 255.05(1)(a), and be substantially in the format shown on the first page following this instruction.

The Public Construction Bond shall be in the form suggested by Fla. Stat. 255.05(3) as shown on the second page following this instruction.

A Power of Attorney from a surety insurer authorized to do business in Florida, authorizing the signature of the Attorney in Fact who executes the Public Construction Bond shall accompany that Bond.

**Public Work**  
**F.S. Chapter 255.05 (1)(a)**  
**Cover Page**

**THIS BOND IS GIVEN TO COMPLY WITH SECTION 255.05 OR SECTION 713.23 FLORIDA STATUTES, AND ANY ACTION INSTITUTED BY A CLAIMANT UNDER THIS BOND FOR PAYMENT MUST BE IN ACCORDANCE WITH THE NOTICE AND TIME LIMITATION PROVISIONS IN SECTION 255.05(2) OR SECTION 713.23 FLORIDA STATUTES.**

**BOND NO:** \_\_\_\_\_

**CONTRACTOR NAME:** \_\_\_\_\_

**CONTRACTOR ADDRESS:** \_\_\_\_\_

**CONTRACTOR PHONE NO:** \_\_\_\_\_

**SURETY COMPANY NAME:** \_\_\_\_\_

**SURETY PRINCIPAL  
BUSINESS ADDRESS:** \_\_\_\_\_

**SURETY PHONE NO:** \_\_\_\_\_

**OWNER NAME:** \_\_\_\_\_

**OWNER ADDRESS:** \_\_\_\_\_

**OWNER PHONE NO:** \_\_\_\_\_

**OBLIGEE NAME:** \_\_\_\_\_  
(If contracting entity is different from  
the owner, the contracting public entity)

**OBLIGEE ADDRESS:** \_\_\_\_\_

**OBLIGEE PHONE NO:** \_\_\_\_\_

**BOND AMOUNT:** \_\_\_\_\_

**CONTRACT NO:** \_\_\_\_\_  
(If applicable)

**DESCRIPTION OF WORK:** \_\_\_\_\_

**PROJECT LOCATION:** \_\_\_\_\_

**LEGAL DESCRIPTION:** \_\_\_\_\_  
(If applicable)

FRONT PAGE

All other bond page(s) are deemed subsequent to this page regardless of any page number(s) that may be printed thereon.

PUBLIC CONSTRUCTION BOND

Bond No. \_\_\_\_\_  
(enter bond number)

BY THIS BOND, We \_\_\_\_\_, as Principal and \_\_\_\_\_, \_\_\_\_\_ a corporation, as Surety, are bound to \_\_\_\_\_, herein called Owner, in the sum of \$\_\_\_\_\_, for payment of which we bind ourselves, our heirs, personal representatives, successors, and assigns, jointly and severally.

THE CONDITION OF THIS BOND is that if Principal:

1. Performs the contract dated \_\_\_\_\_, \_\_\_\_\_, between Principal and Owner for construction of \_\_\_\_\_, the contract being made a part of this bond by reference, at the times and in the manner prescribed in the contract; and
2. Promptly makes payments to all claimants, as defined in Section 255.05(1), Florida Statutes, supplying Principal with labor, materials, or supplies, used directly or indirectly by Principal in the prosecution of the work provided for in the contract; and
3. Pays Owner all losses, damages, expenses, costs, and attorney's fees, including appellate proceedings, that Owner sustains because of a default by Principal under the contract; and
4. Performs the guarantee of all work and materials furnished under the contract for the time specified in the contract, then this bond is void; otherwise it remains in full force.

Any action instituted by a claimant under this bond for payment must be in accordance with the notice and time limitation provisions in Section 255.05(2), Florida Statutes.

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

DATED ON \_\_\_\_\_,

\_\_\_\_\_  
(Name of Principal)

By \_\_\_\_\_  
(As Attorney in Fact)

\_\_\_\_\_  
(Name of Surety)

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**Attachment A – Specifications and Plans**

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# ATTACHMENT A

## PUMP STATION SYSTEM

TO BE INSTALLED AT

### Sandridge Golf Club

Dunes Course  
Vero Beach, Florida

Prepared by:



### Aqua Turf International, Inc.

19940 Mona Road, Suite 2  
Tequesta, FL 33469  
(561) 222-2650

[www.aquaturfintl.com](http://www.aquaturfintl.com)

<b>Version:</b>	<b>Date:</b>	<b>File Name:</b>
Original	11.07.19	Sandridge Dunes-Pump Station System-Spec_FINAL_110719
Revision 1		

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SCOPE OF WORK

**PUMP STATION, ENCLOSURE WET WELL, INTAKE PIPE, INTAKE SCREEN, DOWN PIPE, IRRIGATION TIE-INS AND (OPTION) FERTIGATION**

- The CONTRACTOR shall supply and install a Watertronics, Inc. pump station with prefabricated enclosure capable of supplying 1,800 gpm @ 120 PSI Station Discharge. The pump system shall be supplied and wired to operate on 480 volt AC THREE (3) phase power.
- Wet well (72") inch diameter by (15') foot deep pre-cast concrete wet well with Ramnek between the joints. Wet well to have 6" thick walls and 10" thick base. All concrete to be 3000-psi. A (20") inch diameter intake pipe connection stub with a CAST-A-SEAL BOOT or equal in concrete wet well. Height from solid bottom of wet well structure to the invert of the connection stub shall be (24") inches. Supply and install approximately 12 inches of 57 stone under wet well. Provide Compaction of area around the wet well. Trench safety equipment for safety and decreasing the impact to the area. Test soil compaction around wet well for Standard Proctor Density (SPD). Test to 95% SPD within  $\pm 2\%$  .

**NOTE: The CONTRACTOR shall be responsible for confirming the total depth of installation for the wet well, slab elevation, normal water level elevation and intake flume length prior to ordering. Any additional lengths shall be added to the contract price.**

- Construct a 12'-0" wide by 15'-0" long by 6" thick concrete slab. All concrete to be 3000-psi.
- The CONTRACTOR shall install a (20") inch HDPE intake pipe, **NOT TO EXCEED 150' IN LENGTH**, final length to be determined in construction.
- The CONTRACTOR shall ensure a minimum of 5.0' from top of intake flume to normal water level in the lake.
- The CONTRACTOR shall extend intake flume minimum of 40' past toe of lake bottom slope.
- The CONTRACTOR shall ensure a minimum of 2.0' from bottom of intake flume to the bottom of lake. CONTRACTOR shall install intake screen, stand and concrete bags provided by the pump station manufacture or supported with bags of concrete or equal at time of pipe installation.
- The CONTRACTOR shall provide and install a reservoir lake intake screen capable of passing 1,800 GPM without undue hydraulic losses. The intake screen shall be provided by the pump station manufacture. The screen will be box style with stainless steel mesh on three sides. The top, bottom and outlet sides will be solid stainless sheet. For support of the screen, stainless steel legs will be attached to the bottom. A rubber sheet type gasket shall be used in conjunction with the adapter and intake pipe coupling. The screen will have a clamp on style fitting with stainless steel bolts and nuts to slide over the inlet pipe. The screen assembly shall be supplied with an adapter to fit the (20") inch diameter intake pipe feeding the pump station wet well.
- The CONTRACTOR shall supply the discharge HDPE down pipe, with vertical Victaulic swivel connection, for connection to the irrigation main line. The pipe will be of HDPE and sized for depth and termination based on minimum coverage requirements.
- Supply and install a floating turbidity barrier to reduce the impact to the lake.
- The CONTRACTOR shall provide and install all the necessary tie-ins and hook ups to the existing irrigation system. CONTRACTOR shall tie into the down pipe with 16" HDPE pipe,

connecting to the existing 16" and 6" HDPE pipe with a new 6" ductile iron valve with HDPE ends and. New power wire will be start at the new breaker panel at the pump station, splicing back into the existing power wire along the existing 16" mainline pipe with splice box. New Toro communication wire will need to be spliced in along the new 6" and 16" HDPE mainline pipe

- The CONTRACTOR shall remove and haul off-site the existing pump station after the new pump station system is operational.
- (Option) The CONTRACTOR shall provide and install fertigation 6" thick slab and containment wall large enough to fit two (2) 1050 gal. storage tank. Move and install one (1) injection pump system and one (1) 1050 gal. storage tank from existing location to new fertigation slab location. CONTRACTOR shall provide one (1) 1050 gal. poly storage tank. CONTRACTOR to provides and install all the hose and fittings necessary to hook up fertigation system to the discharge down pipe.

## **GENERAL CONDITIONS**

### **SCOPE**

CONTRACTOR is to provide a complete and working pump station with prefabricated enclosure, concrete wet well, intake pipe, intake screen box, HDPE down pipe, irrigation HDPE pipe & all electrical tie-ins required and remove/ haul off site existing pump station. (Option) fertigation: (slab, containment, 3/4" injection ports, pump and two tanks). Furnish all labor, materials, supplies, equipment, tools, and transportation, and perform all operations in connection with and reasonably incidental to the complete installation of the pump system intake, and guarantee/warranty as shown on the drawings, the installation details, and as specified herein. Items of work specifically included are:

- A. Provision, installation of pump station with prefabricated enclosure & all electrical hook ups required.
- B. Provision, excavation, installation, and backfill of wet well.
- C. Provision, excavation, installation, and backfill of intake pipe & setting intake screen box.
- D. Provision, excavation, installation, backfill and hook up of, HDPE down pipe, irrigation mainline 6" & 16" pipe with new 6" ductile iron valve with HDPE ends.
- E. Provision, electrical power wire and Toro communication wire hook up and splices.
- F. Provision, removal and haul off site existing pump station.
- G. (Option) Provision and installation of fertigation containment area, three (3) 3/4" injection ports, pump and tanks.
- H. Coordination the site work, pond construction, pumping system installation, irrigation system installation and (Option) fertigation slab construction.

### **QUALITY ASSURANCE**

- A. CONTRACTOR must have demonstrated, using persons directly employed by the CONTRACTOR, experience with of at least two (2) golf course pump station system, wet well, intake pipe, intake screen and HDPE pipe of similar sizes.
- B. Key Personnel employed by the CONTRACTOR must provide proof of HDPE pipe manufacturer and installation training.
- C. Provide documentation of CONTRACTOR qualifications with equipment submittals.
- D. It is the intent of the plans and specifications that the pump intake system be complete and functional. CONTRACTOR is responsible for ensuring that materials and equipment furnished are compatible with the design criteria and adhere to Federal, State and local regulations. Any discrepancies must be immediately reported to OWNERS REPRESENTATIVE (Bela Nagy) for clarification prior to construction.



## **SUBMITTALS**

- A. Make submittal and provide number of copies for OWNERS REPRESENTATIVE. Provide pump station, prefabricated enclosure, wet well, intake structure, intake screen, bidder qualifications and all other equipment shown or described on the drawings and within these specifications.
- B. Materials List: Include pump station, prefabricated enclosure, concrete wet well, intake structure, stainless-steel screen HDPE pipe, down pipe, valve, fittings, wire, and (Option) fertigation tank (1050 gal).
- C. Manufacturers' Data: Submit manufacturers' catalog cuts, specifications and operating instructions for equipment shown on the materials list.
- D. Shop Drawings: Submit shop drawings for the following:
  1. Pump station
  2. Hurricane rated composite fiberglass pump station enclosure
  3. Wet well
  4. Intake structure
  5. Stainless steel intake screen
  6. (Option) Fertigation containment area (slab and walls) for two (2) 1050/ 1050 tanks
- E. Record Drawings: Submit information listed in the execution section of these specifications.

## **RULES AND REGULATIONS**

- A. Work and materials shall be in accordance with the latest edition of the Uniform Plumbing Code as published by the Plumbing Officials Association, OSHA and applicable laws and regulations of the governing authorities.
- B. When the contract documents call for materials or construction of a better quality or larger size than required by the local government agencies rules and regulations, provide the quality and size required by the contract documents.
- C. If quantities are provided either in specifications or on these drawings, these quantities are provided for information only. It is the CONTRACTOR 's responsibility to determine the actual quantities of all material, equipment, and supplies required by the project and to complete an independent estimate of quantities and wastage.

## **GUARANTEE/WARRANTY AND REPLACEMENT**

- A. The purpose of this guarantee/warranty is to ensure that the OWNER receives irrigation materials of prime quality, installed and maintained in a thorough and careful manner.
- B. Guarantee/warranty materials, equipment, and workmanship against defects for a period of one year from Final Inspection by OWNERS REPRESENTATIVE. Fill and repair depressions. Restore landscape, utilities, structures or site features damaged by the settlement of trenches or excavations. Repair damage to the premises caused by construction or a defective item. Make repairs within 72 hours of notification from OWNERS REPRESENTATIVE.
- C. Replace damaged items with identical materials and methods per contract documents or applicable codes. Make replacements at no additional cost to the contract price.
- D. Guarantee/warranty applies to originally installed materials and equipment and replacements made during the guarantee/warranty period.

## **GENERAL CONSTRUCTION REQUIREMENTS**

- A. Coordinate construction of setting pump station with prefabricated enclosure, wet well installation, intake pipe and intake screen.
- B. Construction cannot proceed unless staking of pumping system location is reviewed and accepted by the OWNERS REPRESENTATIVE.
- C. Pump station electrical hook-ups. Power to commence from existing pump station meter no more than 50'.
- D. The CONTRACTOR shall install and connect the discharge HDPE down pipe (provided by pump station manufacturer), connect all irrigation piping to the existing golf course irrigation systems.

- E. HDPE DR 13.5 pipe tie-ins to existing golf course irrigation HDPE mainline pipe. CONTRACTOR to tie into existing 6” and 16” HDPE mainline pipe, starting from the new 10” flanged down pipe.
- F. Install new one (1) 6” ductile iron valve with HDPE ends to the 6” HDPE mainline.
- G. Test soil compaction around wet well for Standard Proctor Density (SPD). Test to 95% SPD within ±2%
- H. CONTRACTOR to remove and haul off site the existing pump station once the new pump station is operational.
- I. (Option) CONTRACTOR to move one (1) 1000 gal. fertigation tank and one (1) injection pump from existing pump station to new fertigation slab location (Estimated distance 100’).

- **MATERIALS**

**QUALITY**

- A. Use new materials without flaws or defects.

**SUBSTITUTIONS**

- A. Pipe sizes referenced in the above scope of work are minimum sizes and may be increased at the option of the CONTRACTOR.

**WATERTRONICS PUMP STATION SPECIFICATIONS**

CATEGORY	DESCRIPTION	QTY
Station Configuration	• Vertical Turbine	1
Approvals and Certifications	• UL Listed - Industrial Control Panel	1
	• FCC Part #15 Subpart B - Radio Frequency Devices	1
Paint Colors	• Paint Color - Watertronics - Green	1
Pump Motors - Submersible	• 5HP Submersible Motor - 380-460V/3ph	1
Pump Motors - VHS	• 60HP VHS Premium Efficiency Motor - 60V/3Ph	3
Pumps - Submersible Turbine	• Pump, Submersible Turbine, 5HP	1
Pumps - Vertical Turbine	• Pump, Vertical Turbine, Hydroflo, 60HP, 1800RPM	3
Pump Discharge Heads	• Discharge Head - 6" Ductile Iron	3
Pump Columns	• Pressure Maint Pump Column - 2" Dia - 316 SS	1
	• VT Pump Column - 6" Dia, 15' Ft Max Depth, Carbon STL	3
Pump Seals	• Mechanical Shaft Seal	3
Discharge Manifolds	• Discharge Manifold - Triplex Pump	1
Pressure Relief Valves	• 4" Pressure Relief Valve	1
Discharge Pipes	• down Pipe, HDPE - 10" FL x 16" FL, 36" Bury Depth	1
Regulation EBVs	• Electronic Butterfly Valve - 2-6"	3
Flow Meter	• Growsmart IM3000 Series Magnetic Flowmeter - 8"	1
Level Controls	• VT Wetwell Level Control w/1 Pond Fill	1
Inlet Screens	• Stainless Box Screen SBS-36 - 3200 GPM	1
Pump Station Base	• Pump Station Base - Formed Steel	1
Pump Station Base Accessories	• Skid Shim Kit, Stainless Steel	1
Disconnects	• Station Disconnect Switch - 400A Fused	1
VFDs	• Variable Frequency Drive, 60HP,380-480V/3ph	1
XL Contactors	• VFD (XL) Contactor - 460-575V/3Ph - 60HP	3

	• Motor Starter - 460-575V/3Ph - 5HP	1
Control Systems	• Type 1 - Sigma PLC Logic Controller	1
	• Power - Phase Monitor Protection	1
Touchscreen Displays	• 7.0" Wide Color LCD Touchscreen	1
Control Switches	• Lighted HOA Switch	4
Surge Protection	• Premium Surge/Lightning Protection	1
Optical Isolators	• Flow Sensor Opto Isolator	1
Remote Start Options	• Remote Disable Relay - 24VAC/DC	1
Communication and RTUs	• WaterVision Cloud - Verizon 4G - w/3YR Subscription	2
Fertigation Accessories	• Fertigation Run Relay	1
Electrical Enclosures	• Electrical Enclosure - 75x60x16 STL/WHT	1
Electrical Enclosure Accessories	• Inspection Window Kit - 5" x 3" WHT	1
Electrical Enclosure Cooling	• Heat Exchanger - Large (5-12K Btu)	1
Unregulated Power Supplies	• 3KVA Transformer & Load Center 480P-240/120VAC	1
Grounding	• Paige Earth Grounding Package	1
Prefabricated Enclosure	• Composite Station Enclosure	1
	• Cat 5 Hurricane Rated Enclosure	1
Composite Enclosure Disconnects	• External Station Disconnect - 400A FUSED NEMA 3R	1
Hardware and Fasteners	• Stainless Steel Fasteners - Station	1
Documentation	• Operation & Maint Manual (English) - Electronic Copy	3
	•	

**Freight:**

Freight to job site in Vero Beach, FL to be included in pumping system price along with unloading and setting by crane.

**Start-up and Calibration:**

Start-up and calibration by factory authorized personnel to be provided by the manufacture.

**WET WELL**

- A. As presented in the above scope of work.
- B. CONTRACTOR must provide shop drawings showing complete information for the fabrication and installation of wet well section. Include special reinforcement and/or lifting devices necessary for handling and installation.
  - 1. Provide layout dimensions, inserts, connections, pipe stub, joints, accessories and openings. Provide pipe stub for intake pipe.
  - 2. Manufacturer of materials is responsible for design of reinforcement and its placement.
  - 3. Confirm that the materials fabricated and installed will support the required design loads.
  - 4. All concrete to be 3000-psi.

**INTAKE PIPE**

- A. The CONTRACTOR shall install a (20") inch, HDPE intake pipe, **NOT TO EXCEED 150' IN LENGTH**, final length to be determined in construction.
- B. CONTRACTOR must provide shop drawings showing complete information for the fabrication and installation of the intake pipe to wet well and intake screen.
- C. HDPE Pipe shall be manufactured from a PE PE4710 resin listed with the Plastic Pipe Institute (PPI) as TR-4. The resin material will meet the specifications of ASTM D3350-05 with a cell classification of PE 445474C or higher. Pipe shall be manufactured to the dimensions and requirements of ASTM F714. All pipe shall be SDR 13.5, 15 or 17. The pipe shall contain no

recycled compounds except that generated in the manufacturer's own plant from resin of the same specification from the same raw material. All HDPE pipe shall be in straight lengths. The supplier of the HDPE pipe and fittings must comply with the following requirements:

1. The supplier must be capable of supplying the pipe, poly fittings and poly valves.
2. The supplier must be capable of supplying special fittings within its own manufacturing facility.
3. The supplier must have the capability to train the CONTRACTOR'S employees in compatible fusion, manual butt fusion, hydraulic butt fusion, socket fusion, electro fusion, sidewall saddle fusion of HDPE pipe and fittings.
4. The supplier must be capable of providing a 24 hour, 7 days a week technical "Hot Line" phone number to assist in fusion and fusion equipment questions.
5. The supplier must be capable of providing a trained representative on site upon the request of the CONTRACTOR, OWNER or CONSULTANT to address any problems that are encountered during the installation.
6. The supplier must be capable to rent, sell and service fusion equipment.
7. Recommended Suppliers: Aqua Fuse or ISCO

#### **INTAKE SCREEN**

- A. CONTRACTOR must provide shop drawings showing complete information for the fabrication and installation. Include special reinforcement and lifting devices necessary for handling and installation.
- B. Stainless steel intake screen

#### **HURRICANE RATED COMPOSITE PUMP STATION ENCLOSURE**

- A. CONTRACTOR must provide shop drawings showing hurricane rated composite fiberglass pump station enclosure with Florida PE stamped drawings and hurricane rating for Cat 5 - 160mph winds.

#### **HDPE PIPE & ELECTRICAL TIE-INS (See existing as-built below)**

- A. HDPE DR 13.5 pipe, fittings
- B. 6" Ductile Iron Valve with HDPE ends.
- C. Hook-up new power wire to new pump station power source, with power breaker and install AWG #6 and #12 power wire into existing power wire with splice box.
- D. Install and splice in new Toro communication cable.
- E. HDPE Pipe shall be manufactured from a PE PE4710 resin listed with the Plastic Pipe Institute (PPI) as TR-4. The resin material will meet the specifications of ASTM D3350-05 with a cell classification of PE 445474C or higher. Pipe shall be manufactured to the dimensions and requirements of ASTM F714. All pipe shall be SDR **13.5**. The pipe shall contain no recycled compounds except that generated in the manufacturer's own plant from resin of the same specification from the same raw material. All HDPE pipe shall be in straight lengths. The supplier of the HDPE pipe and fittings must comply with the following requirements:
  1. The supplier must be capable of supplying the pipe, poly fittings and ductile iron valves with HDPE ends.
  2. The supplier must be capable of supplying special fittings within its own manufacturing facility.
  3. The supplier must have the capability to train the CONTRACTOR'S employees in compatible fusion, manual butt fusion, hydraulic butt fusion, socket fusion, electro fusion, sidewall saddle fusion of HDPE pipe and fittings.
  4. The supplier must be capable of providing a 24 hour, 7 days a week technical "Hot Line" phone number to assist in fusion and fusion equipment questions.
  5. The supplier must be capable of providing a trained representative on site upon the request of the CONTRACTOR, OWNER or CONSULTANT to address any problems that are encountered during the installation.
  6. The supplier must be capable to rent, sell and service fusion equipment.

7. Recommended Suppliers: Aqua Fuse or ISCO

**(OPTION) FERTIGATION**

- A. CONTRACTOR must provide shop drawings showing complete information for the material and installation for a fertigation slab and containment walls.
- B. The CONTRACTOR shall provide a 1050gal. fertigation tank.
- C. 50 feet one half inch diameter discharge hose rated to 250 pounds working pressure.
- D. 50 feet one-inch suction hose per tank
- E. One-inch ball valve for each tank
- F. Water hose flushing assembly
- G. HDPE electrical fusion saddles

**EXECUTION**

**INSPECTIONS AND REVIEWS**

- A. Site Inspections:
  - 1. Verify site conditions and note irregularities affecting work of this section. Report irregularities to OWNERS REPRESENTATIVE prior to beginning work.
  - 2. Beginning work of this section implies acceptance of existing conditions.
- B. Utility Locates ("Call Before You Dig"):
  - 1. Arrange for and coordinate with local authorities the location of all underground utilities, and maintenance personnel.
  - 2. Repair any underground utilities damaged during construction.  
Make repairs at no additional cost to the contract price.
- C. Pump Station System Layout Review: A layout review will occur after the staking has been completed. Notify the OWNERS REPRESENTATIVE one week in advance of review. The OWNERS REPRESENTATIVE will identify modifications during this review.

**LAYOUT OF WORK**

- A. Stake locations of wet well and intake pipe and intake screen.
- B. If staked components conflict with utilities or other components or site features, coordinate rerouting of components with OWNERS REPRESENTATIVE.

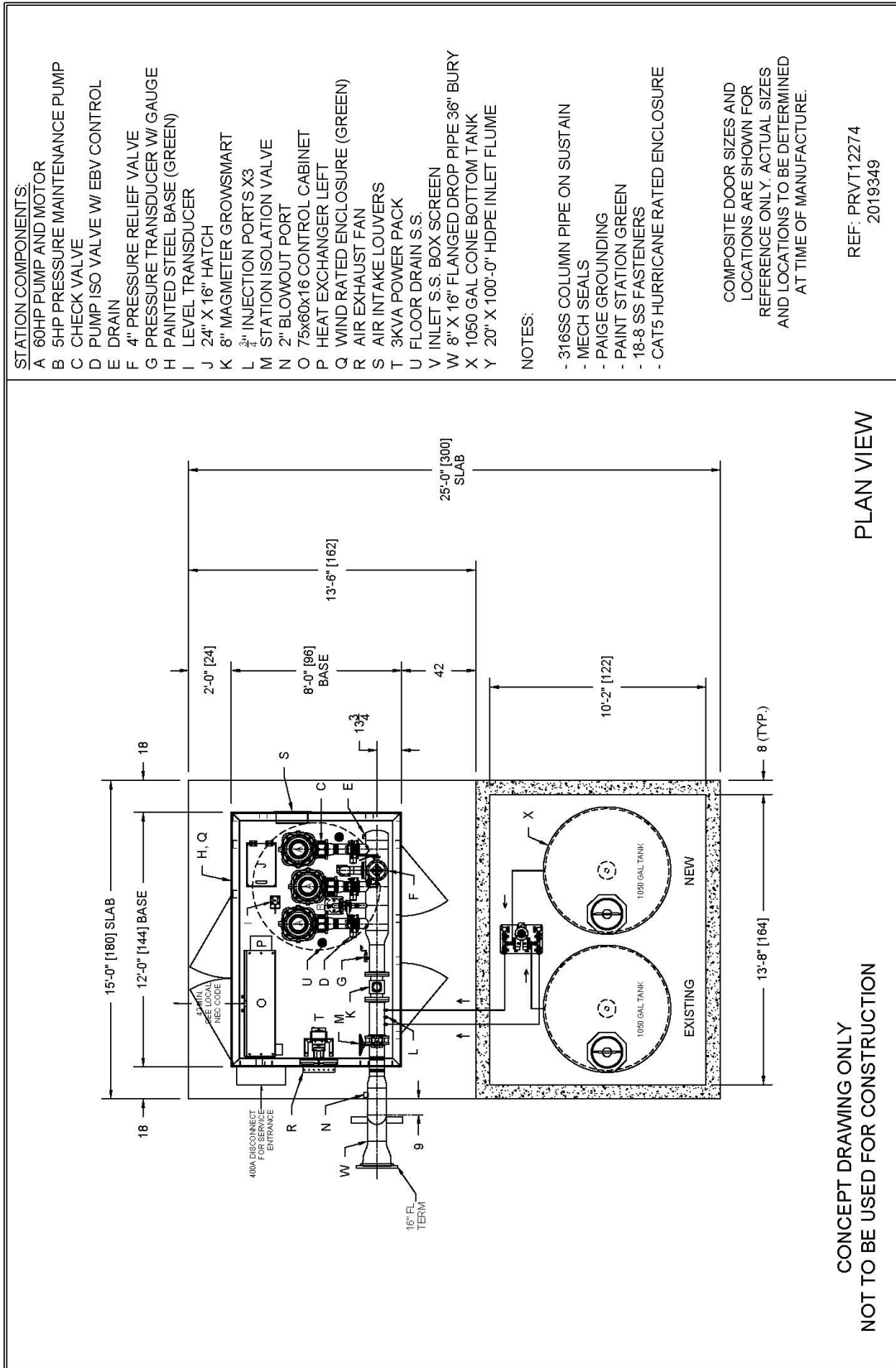
**PROJECT RECORD (AS-BUILT) DRAWINGS**

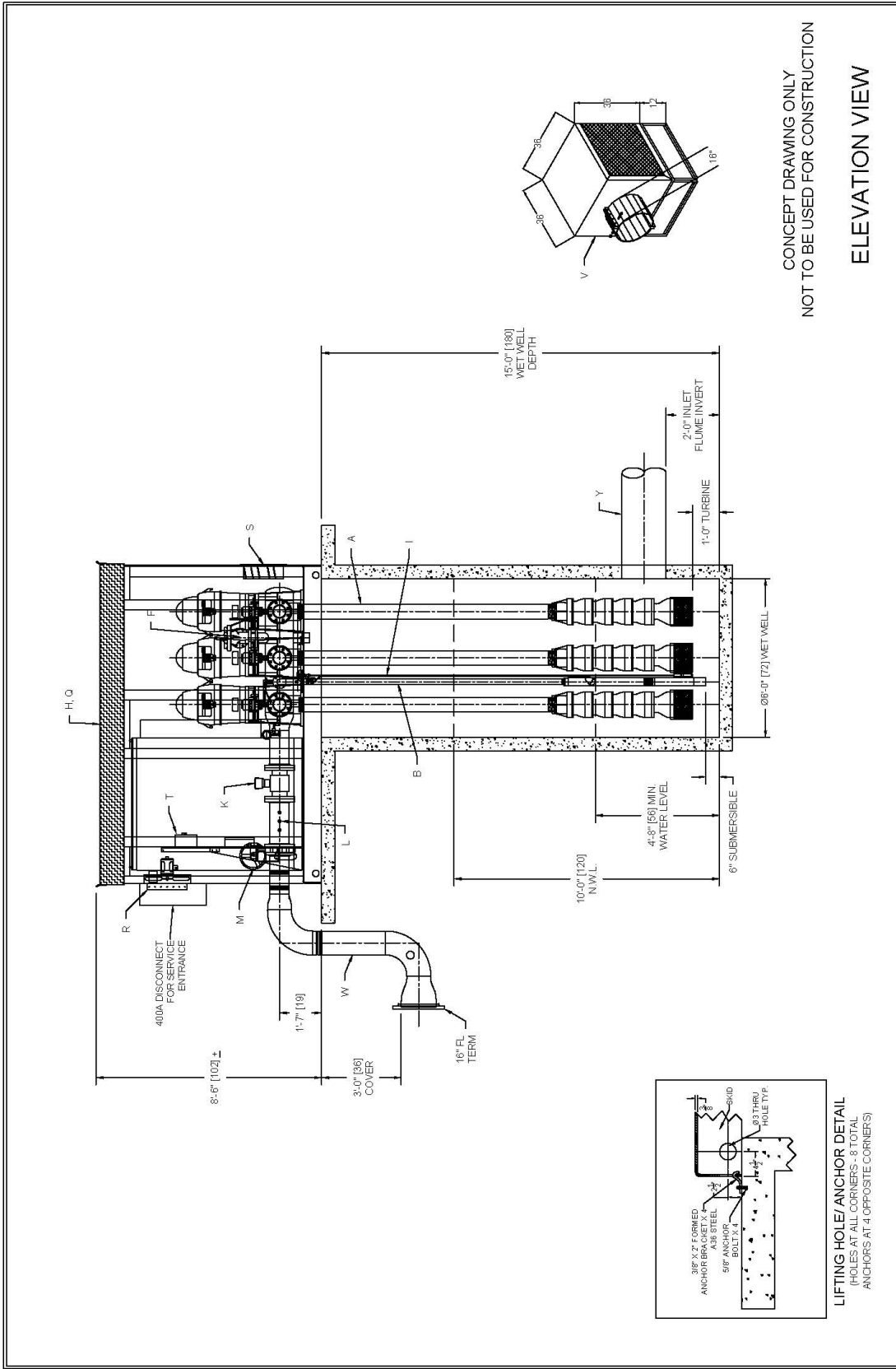
- A. CONTRACTOR is responsible for documenting installed system and all changes to the design. Maintain on-site and separate from documents used for construction, one complete set of contract documents as Project Documents. Keep documents current. Do not permanently cover work until as-built information is recorded.
- B. Record wet well, intake pipe or intake screen alterations. Record work, which is installed differently than shown on the construction drawings. Record accurate reference dimensions.
- C. Completion of the Record Drawings is a prerequisite for Final Inspection.

**CLEANUP**

- D. Upon completion of work, remove from the site all machinery, tools, excess materials, and rubbish.
- E. Remove all debris and foreign material from the construction area and wet well.

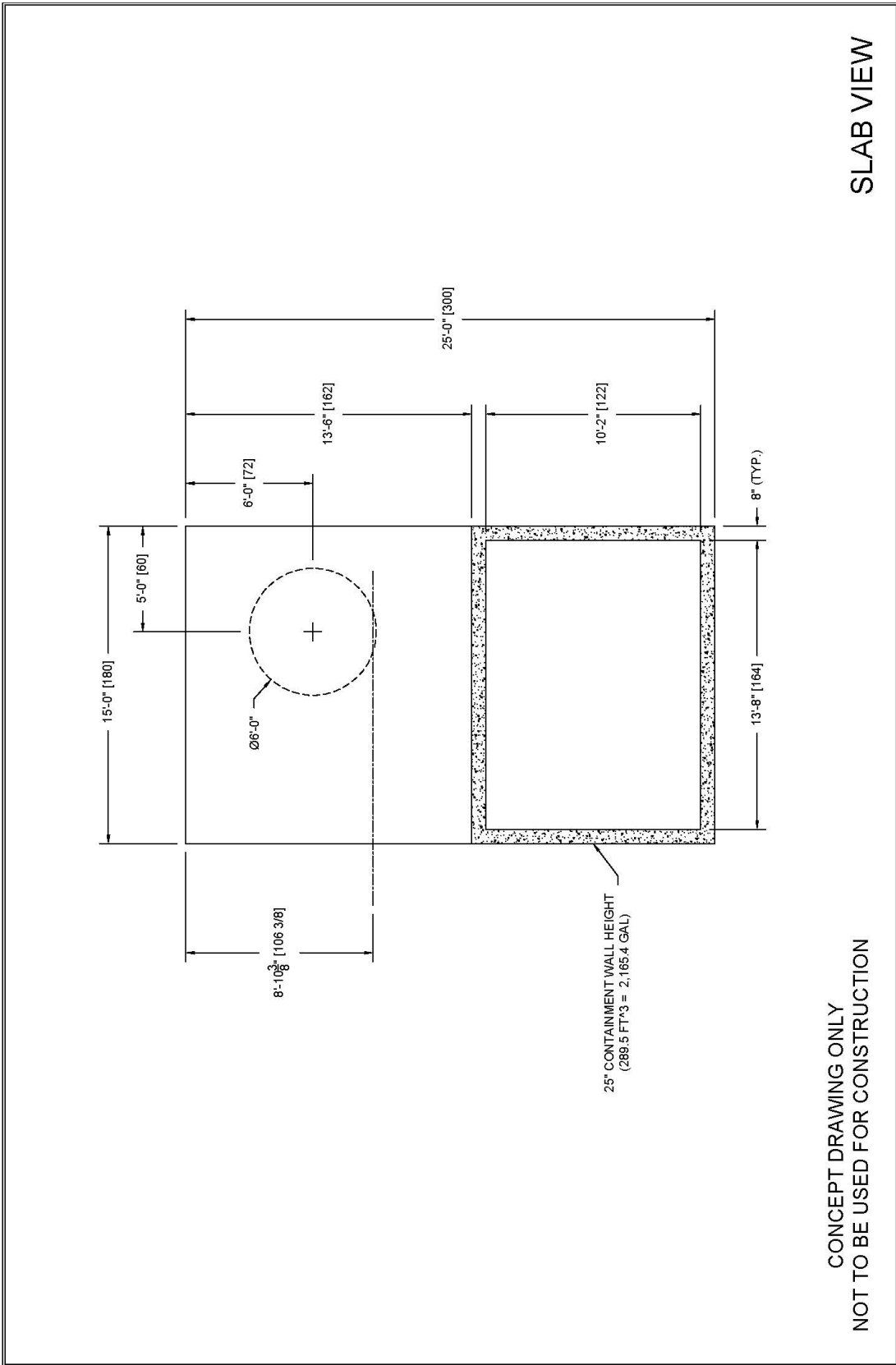
# WATERTRONICS TYPICAL PUMP STATION DRAWING





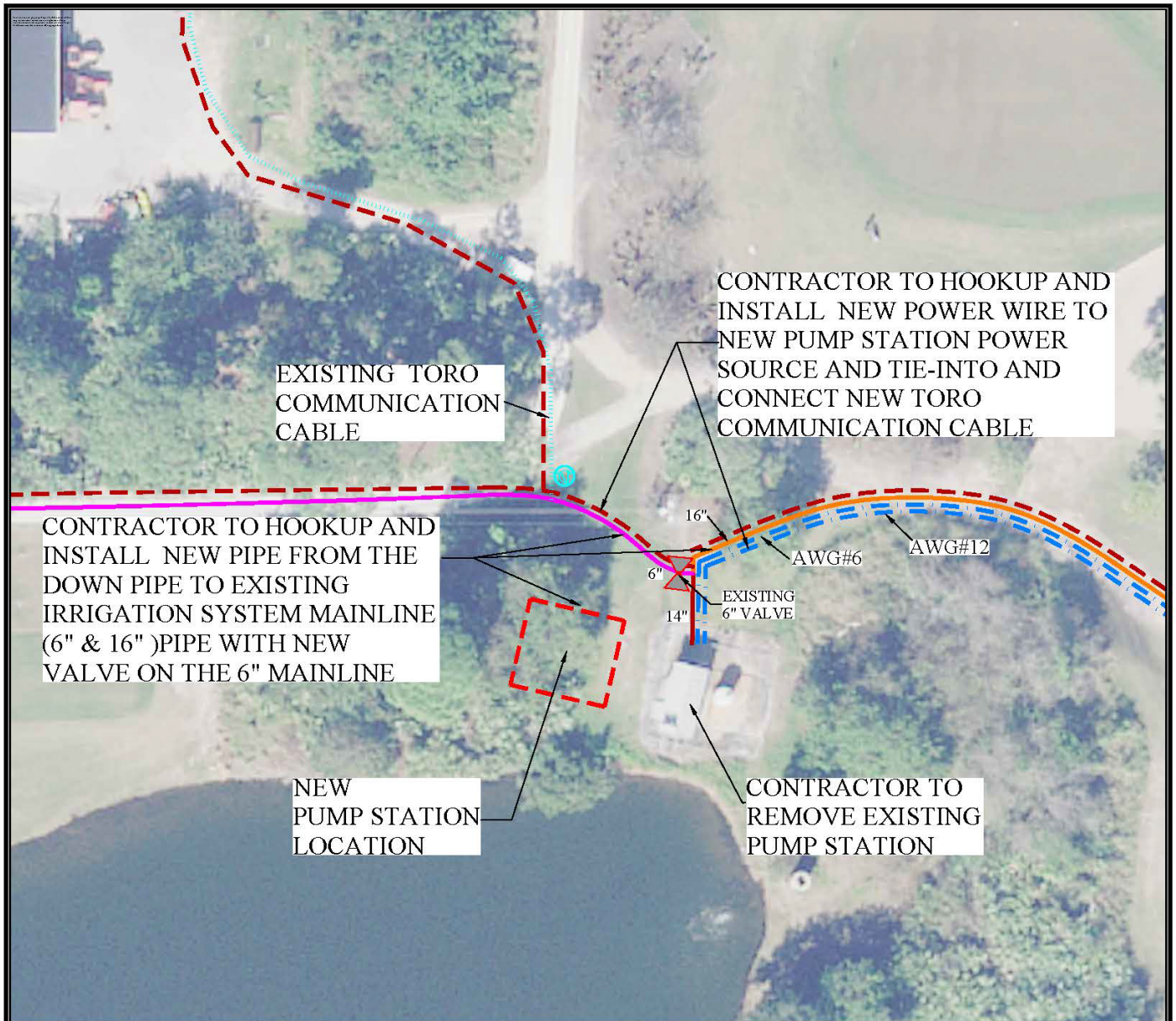
CONCEPT DRAWING ONLY  
 NOT TO BE USED FOR CONSTRUCTION

ELEVATION VIEW





**EXISTING IRRIGATION AS-BUILTS**



LEGEND	
	<b>VALVES</b> HDPE Mainline Valve W/2' By-Pass Valve
<b>MAINLINE PIPE</b>	
	6" High Density Polyethylene PE 4710, DR 13.5
	14" High Density Polyethylene PE 4710, DR 13.5
	16" High Density Polyethylene PE 4710, DR 11
<b>SPLICES</b>	
	Communication Splice
<b>SATELLITE CONTROL</b>	
	120V Direct Burial Tray Cable Power Wire
	24 V Signal Wire Trench
	Toro Communication Wire

<b>AQUA TURF INTERNATIONAL</b> 19940 Mona Road, Suite 2, Tequesta, FL 33469 Phone: (561) 222-2650 Fax: (561) 666-6696 www.aquaturfintl.com	<b>SANDRIDGE GOLF COURSE - DUNES COURSE</b> VERO BEACH, FLORIDA EXISTING IRRIGATION AS-BUILTS	SHEET HOLE X HOLE	FILE NAME PROJECT NO.	SCALE N.T.S.	HOLE PS
		DATE: 11/26/21 DRAWN BY: SH	PROJECT NO.: SAK-01 REGION: DATE:		