



ADDENDUM NO. 3

Issue Date: February 21, 2020

Project Name: Sandridge Dunes Irrigation Pump Station

Bid Number: 2020020

Bid Opening Date: March 3, 2020

This addendum is being released to modify the bid documents. The information and documents contained in this addendum are hereby incorporated in the invitation to bid. **This addendum must be acknowledged where indicated on the bid form, or the bid will be declared non-responsive.**

Modifications to Bid Documents:

Indian River County will purchase the Watertronics Pump Station directly, therefore items associated with that item have been removed from the specifications and the bid form.

Watertronics will provide required P.E. stamp for the enclosure and for the electrical, as well as FPL inspection.

Attachments:

Updated Technical Specifications Attachment A – Addendum 3
Updated Bid Form-Addendum 3

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

Version:	Date:	File Name:
Original	11.07.19	Sandridge Dunes-Pump Station System-Spec_FINAL_110719
Revision 1	02.18.20	Sandridge Dunes-Pump Station System-Spec_FINAL_REV-021820

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 $\pm 2\%$
- 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 316SS	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	±
Pump Station Base Accessories	• Skid Shim Kit, Stainless Steel	±
Disconnects	• Station Disconnect Switch – 400A Fused	±
VFDs	• Variable Frequency Drive, 60HP, 380-480V/3ph	±
XL Contactors	• VFD (XL) Contactor – 460-575V/3Ph – 60HP	±
	• Motor Starter – 460-575V/3Ph – 5HP	±
Control Systems	• Type 1 – Sigma PLC Logic Controller	±
	• Power – Phase Monitor Protection	±
Touchscreen Displays	• 7.0" Wide Color LCD Touchscreen	±
Control Switches	• Lighted HOA Switch	4
Surge Protection	• Premium Surge/Lightning Protection	±
Optical Isolators	• Flow Sensor Opto Isolator	±
Remote Start Options	• Remote Disable Relay – 24VAC/DC	±
Communication and RTUs	• WaterVision Cloud – Verizon 4G – w/3YR Subscription	±
Fertigation Accessories	• Fertigation Run Relay	±
Electrical Enclosures	• Electrical Enclosure – 75x60x16 STL/WHT	±
Electrical Enclosure Accessories	• Inspection Window Kit – 5" x 3" WHT	±
Electrical Enclosure Cooling	• Heat Exchanger – Large (5-12K Btu)	±
Unregulated Power Supplies	• 3KVA Transformer & Load Center 480P 240/120VAC	±
Grounding	• Paige Earth Grounding Package	±
Prefabricated Enclosure	• Composite Station Enclosure	±
	• Cat 5 Hurricane Rated Enclosure	±
Composite Enclosure Disconnects	• External Station Disconnect – 400A FUSED NEMA 3R	±
Hardware and Fasteners	• Stainless Steel Fasteners – Station	±
Documentation	• Operation & Maint Manual (English) – Electronic Copy	±
	•	

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.

LUMP SUM BID

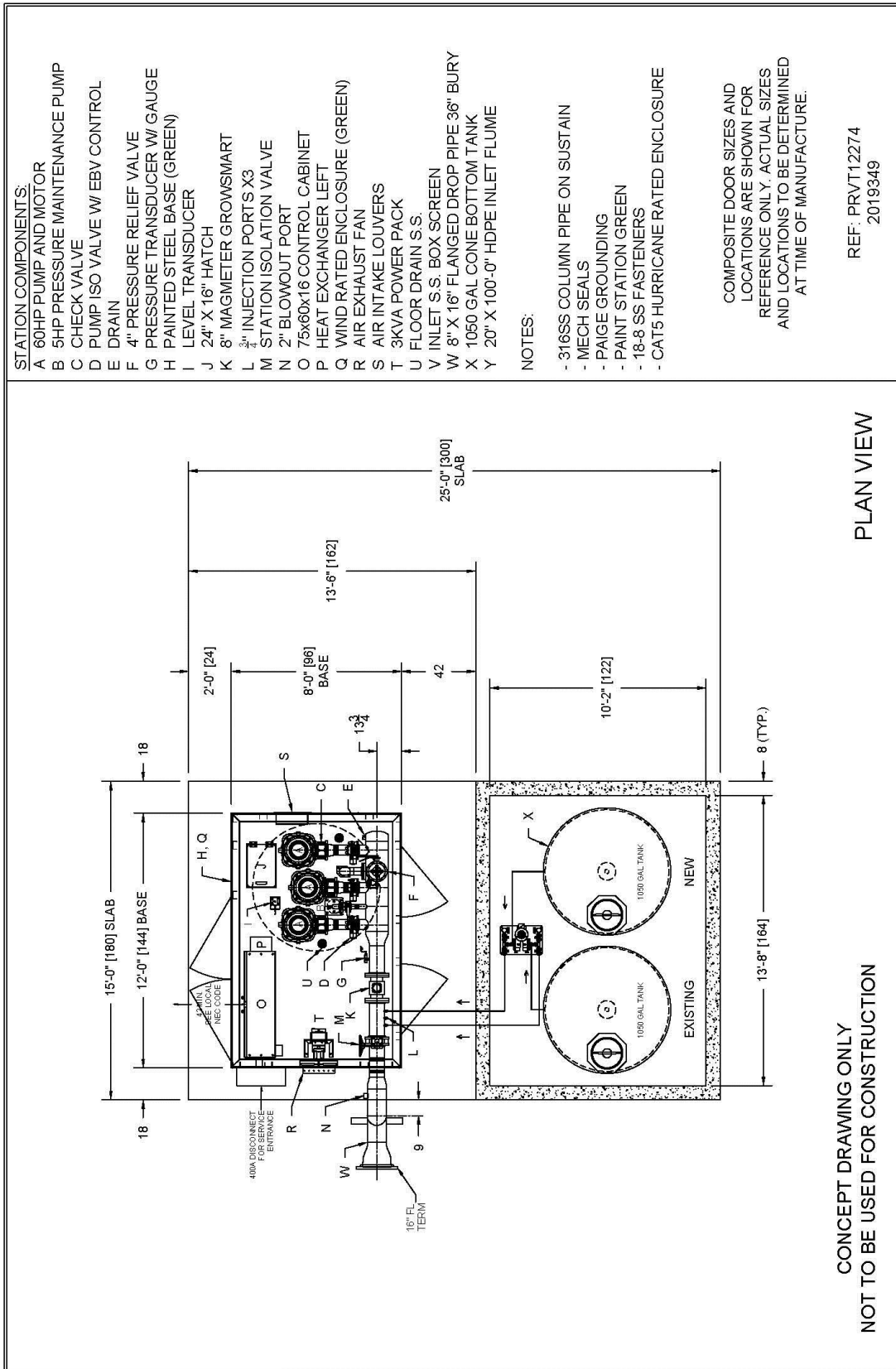
PUMP STATION SYSTEM

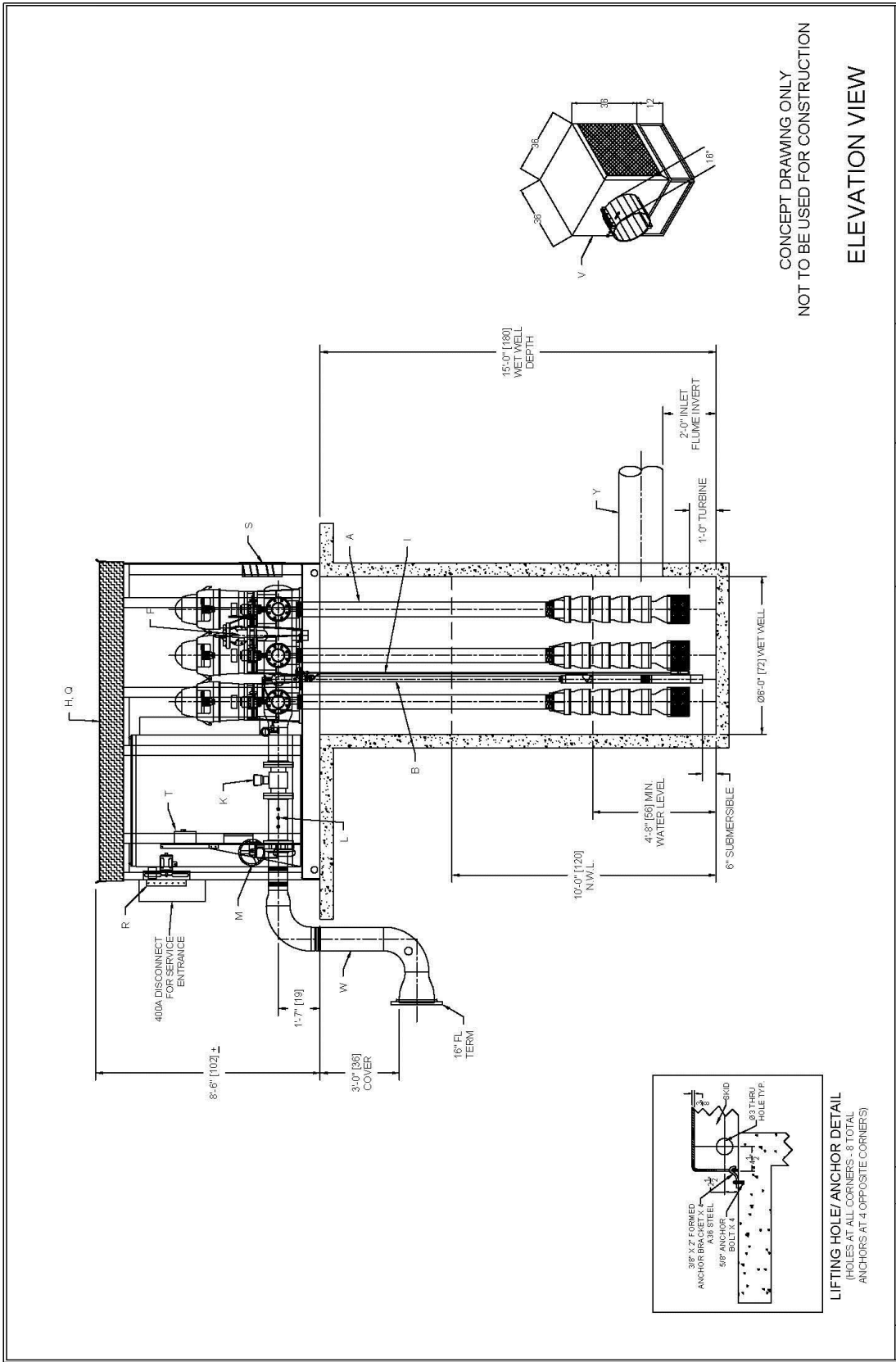
The Lump Sum Total Price to install the complete ~~PUMP STATION, PREFABRICATED ENCLOSURE~~, WET WELL, INTAKE PIPE, INTAKE SCREEN, DOWN PIPE, IRRIGATION MAINLINE AND TIE-IN'S, (OPTION) FERTIGATION and tie into the existing irrigation system using a HDPE pipe and components as shown in the plans and specifications (see materials listing, including Bond/Payment Bond, for the above outlined services)

PUMP STATION SYSTEM	TOTAL
WATERTRONICS PUMP STATION WITH PREFABRICATED HURRICANE RATED ENCLOSURE	\$0
PUMP STATION WET WELL	\$
INTAKE PIPE & SCREEN	\$
NEW DOWN PIPE, IRRIGATION HDPE MAINLINE, VALVE & ELECTRICAL TIE-INS TO EXISTING IRRIGATION SYSTEM	\$
EXISTING PUMP STATION REMOVAL & HAUL OFF SITE	\$
TOTAL COMPLETE PUMP STATION SYSTEM (Include: taxes, shipping, permits and fees)	\$

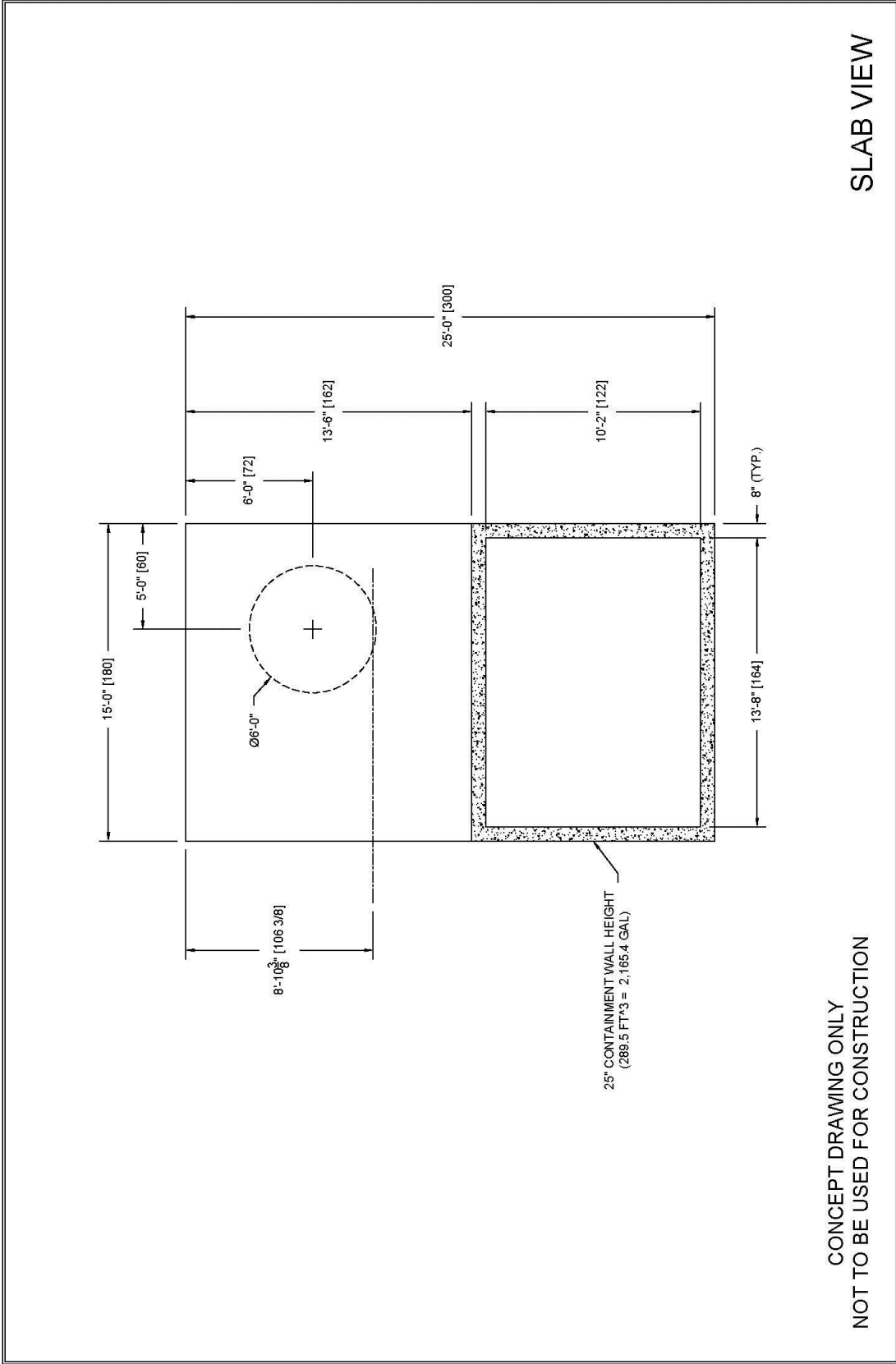
OPTION FERTIGATION SYSTEM	TOTAL
FERTIGATION SYSTEM ASSEMBLY	\$
ONE (1) 1050 GALLON TANK	\$
FERTIGATION CONTAINMENT AREA	
TOTAL COMPLETE FERTIGATION SYSTEM (Include: taxes, shipping, permits and fees)	\$

WATERTRONICS TYPICAL PUMP STATION DRAWING

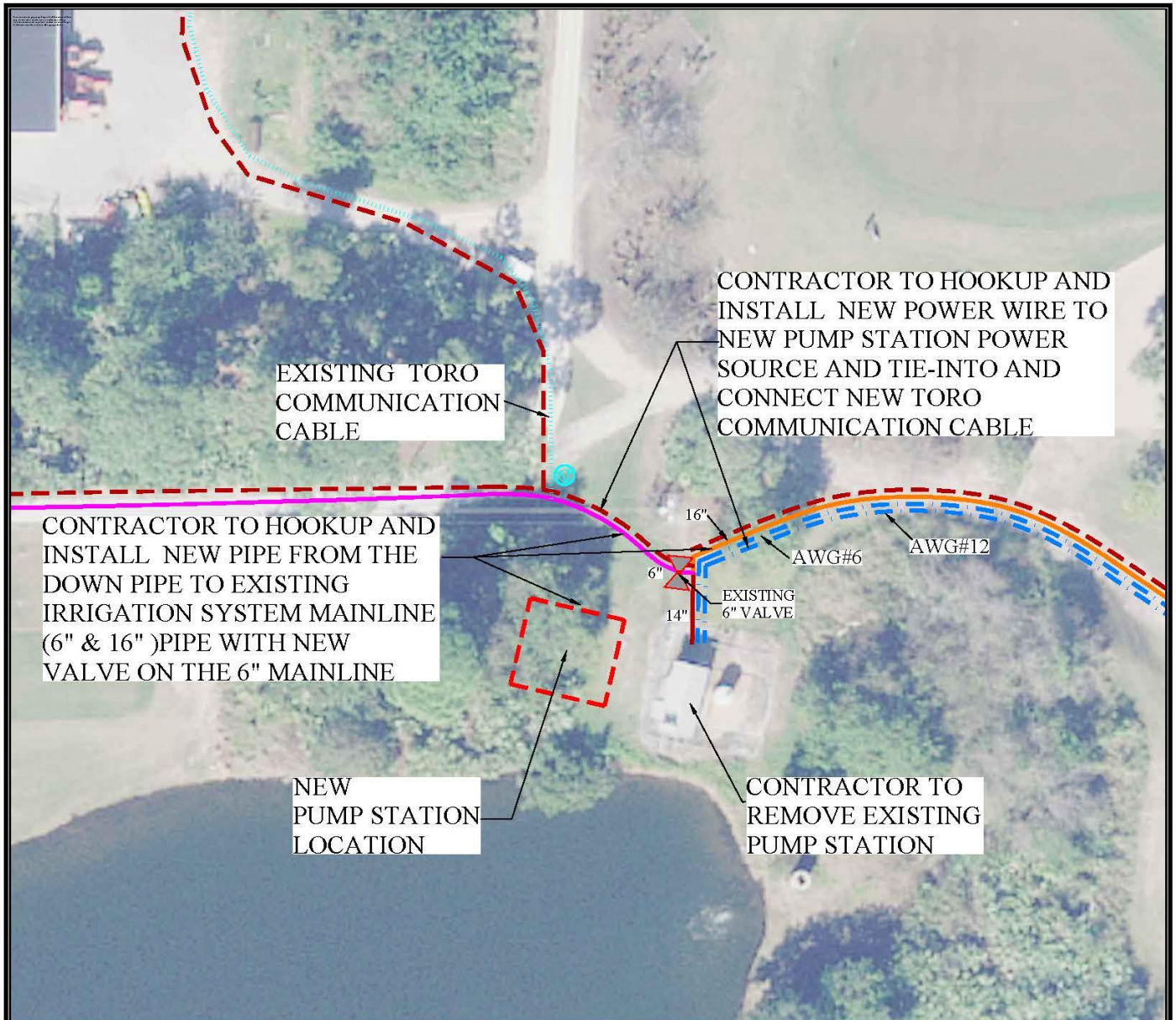




CONCEPT DRAWING ONLY
 NOT TO BE USED FOR CONSTRUCTION
 ELEVATION VIEW



EXISTING IRRIGATION AS-BUILTS



LEGEND	
<u>VALVES</u>	
	HDPE Mainline Valve w/ 2" By-Pass Valve
<u>MAINLINE PIPE</u>	
	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
<u>SPLICES</u>	
	Communication Splice
<u>SATELLITE CONTROL</u>	
	120V Direct Burial Tray Cable Power Wire
	24 V Signal Wire Trench
	Toro Communication Wire



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 19940 Mona Road, Suite 2, Tequesta, FL 33469
 Phone: (561) 222-2650 Fax: (561) 666-6696
 www.aquaturfintl.com



SANDRIDGE GOLF COURSE - DUNES COURSE
VERO BEACH FLORIDA
EXISTING IRRIGATION AS-BUILTS

SHEET	FILE NAME
HOLE X HOLE	ALCANTARA-2010-00000000000000000000
DATE: 11/26/17	PROJECT NO:
STARTED BY: SRH	SANT-01
DRAWN BY: SRH	REVISION
	DATE

SCALE	HOLE
N.T.S.	PS

Indian River County Purchasing Division

1800 27th 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 27th 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:

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

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

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)