

RESOLUTION NO. 2018 - 48

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO AWARD BID NO. 18-28 AND TO EXECUTE AN AGREEMENT FOR THE SAND DOLLAR LIFT STATION REPAIRS.

RECITALS

WHEREAS, the County desires to enter into contract with **Hinterland Group, Inc**, to provide services for the Sand Dollar Lift Station Repair; and

WHEREAS, the scope of the Project will generally include labor, materials, equipment and other items necessary for improvements to the Sand Dollar 3&4 Lift Station located at 8050 A1A S, St Augustine, FL 32080; and

WHEREAS, through the County's formal Bid process, **Hinterland Group, Inc** was selected as the lowest, responsive, responsible bidder, to enter into a contract with the County to perform the work referenced above; and

WHEREAS, the County has reviewed the terms, provisions, conditions and requirements of the proposed contract (attached hereto, an incorporated herein) and finds that entering into contracts to complete the work services serves a public purpose; and

WHEREAS, the contract will be in substantial conformance with the attached draft contract.

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, as follows:

Section 1. The above Recitals are incorporated by reference into the body of this Resolution and such Recitals are adopted as finds of fact.

Section 2. The County Administrator, or designee, is hereby authorized to award Bid 18-28 to **Hinterland Group, Inc** and to execute a contract for the services set forth therein.

Section 3. Upon Board approval, the County Administrator, or designee, is authorized to execute agreements in substantially the same form and format as the attached draft on behalf of the County to provide the scope of services as specifically provided in Bid 18-28.

Section 4. To the extent that there are typographical and/or administrative errors that do not change the tone, tenor, or concept of this Resolution, then this Resolution may be revised without subsequent approval by the Board of County Commissioners.

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida, this 20 day of February, 2018.

BOARD OF COUNTY COMMISSIONERS OF
ST. JOHNS COUNTY, FLORIDA

By: _____

Henry Dean, Chair

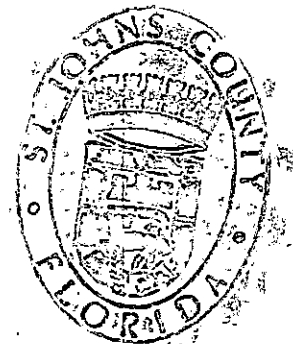
ATTEST:

Hunter S. Conrad, Clerk

By: _____

Deputy Clerk

RENDITION DATE 2/21/18





**STANDARD AGREEMENT
BETWEEN
OWNER AND CONTRACTOR**
(1992 EDITION, REVISED 12/18/13)

This Contract Agreement ("Agreement") is made as of _____, 2018 by and between **St. Johns County, FL** ("Owner" or "County"), a political subdivision of the State of Florida, whose principal offices are located at 500 San Sebastian View, St. Augustine, FL 32084, and **Hinterland Group, Inc** ("Contractor"), with offices located at: 992 West 15th Street, Riviera Beach, FL 33404, Phone: (561)640-3503; Fax: (561)640-3504; and Email: info@hinterlandgroup.com, under seal for Construction of **BID NO: 18-28; Sand Dollar Lift Station Repair**, hereinafter referred to as the "Project".

The Owner and the Contractor hereby agree as follows:

**ARTICLE I
THE CONTRACT AND THE CONTRACT DOCUMENTS**

1.1 The Contract

1.1.1 The Contract between the Owner and the Contractor, of which this Agreement is a part, consists of the Contract Documents. It shall be effective on the date this Agreement is executed by the last party to execute it.

1.2 The Contract Documents

1.2.1 The Contract Documents consist of this Agreement, the Bid Documents and Bid Forms, Specifications, all Change Orders and Field Orders issued hereafter and executed by the parties and the Engineers, any other amendments hereto executed by the parties hereafter, together with the following: Bid Documents, Addendums 1 & 2, Bonds and Insurance, and FEMA contract clauses attached hereto as Exhibit "A".

Documents not enumerated in this Paragraph 1.2.1 are not Contract Documents and do not form part of this Agreement.

1.3 Entire Agreement

1.3.1 The Contract, together with the Contractor's Public Construction Bond for the Project, constitutes the entire and exclusive agreement between the Owner and the Contractor with reference to this Project. Specifically, but without limitation, this Agreement supersedes any Bid Documents not listed among the Contract Documents described above and all prior written or oral communications, representations and negotiations, if any, between the Owner and Contractor.

1.4 No Privity with Others

1.4.1 Nothing contained in this Agreement shall create, or be interpreted to create, privity or any other contractual agreement between the Owner and any person or entity other than the Contractor.

1.5 Intent and Interpretation

1.5.1 The intent of this Agreement is to require complete, correct and timely execution of the Work. Any work that may be required implied or inferred by the Contract Documents, or any one or more of them, as necessary to produce the intended result shall be provided by the Contractor for the Contract Price.

1.5.2 The Contract is intended to be an integral whole and shall be interpreted as internally consistent. What is required by any one Contract Document shall be considered as required by the Contract.

1.5.3 When a word, term or phrase is used in this Agreement, it shall be interpreted or construed, first, as defined herein; second, if not defined, according to its generally accepted meaning in the construction industry; and third, if there is no generally accepted meaning in the construction industry, according to its common and customary usage.

1.5.4 The words "include," "includes" or "including," as used in this Agreement, shall be deemed to be followed by the phrase "without limitation."

1.5.5 The specification herein of any act, failure, refusal, omission, event, occurrence, or condition as constituting a

material breach of this Agreement shall not imply that any other, non-specified act, failure, refusal, omission, event, occurrence, or condition shall be deemed not to constitute a material breach of this Agreement.

1.5.6 Words or terms used as nouns in this Agreement shall be inclusive of their singular and plural forms, unless the context of their usage clearly requires a contrary meaning.

1.5.7 The Contractor shall have a continuing duty to read, carefully study and compare each of the Contract Documents, the Shop Drawings and the Product Data and shall give written notice to the Engineer and the Owner of any inconsistency, ambiguity, error or omission which the Contractor may discover with respect to these documents before proceeding with the affected Work. The issuance, or the express or implied approval by the Owner or the Engineer of the Contract Documents, Shop Drawings, or Product Data shall not relieve any such approval by evidence of the Contractor's compliance with the Contract. The Owner has requested the Engineer to only prepare documents for the Project, including the Drawings and Specifications for the Project, which are accurate, adequate, consistent, coordinated, and sufficient for construction. **HOWEVER, THE OWNER MAKES NO REPRESENTATION OR WARRANTY OF ANY NATURE WHATSOEVER TO THE CONTRACTOR CONCERNING SUCH DOCUMENTS.** By the execution hereof, the Contractor acknowledges and represents that it has received, reviewed and carefully examined such documents, has found them to be complete, accurate, adequate, consistent, coordinated and sufficient for construction, and that the Contractor has not, does not, and shall not rely upon any representation or warranties by the Owner concerning such documents as no such representation or warranties have been or are hereby made.

1.5.8 As between numbers and scaled measurements on the Drawings and in the Design, the numbers shall govern; as between larger scale and smaller scale drawings, the larger scale shall govern.

1.5.9 Neither the organization of any of the Contract Documents into divisions, sections, paragraphs, articles, (or other categories), nor the organization or arrangement of the Design, shall control the Contractor in dividing the Work or in establishing the extent or Scope of Work to be performed by Subcontractors.

1.6 Ownership of Contract Documents

1.6.1 The Contract Documents, and each of them, shall remain the property of the Owner. The Contractor shall have the right to keep one record set of the Contract Documents upon completion of the Project; provided, however, that in no event shall Contractor use, or permit to be used, any or all of such Contract Documents on other projects without Owner's prior written authorization.

ARTICLE II THE WORK

2.1 Scope of Work

The Contractor shall perform all of the Work required, implied, or reasonably inferable from, this Agreement.

2.1.1 The term "Work" shall mean whatever is done by or required of the Contractor to perform and complete its duties under this Agreement, including the following: construction of the whole or a designated part of the Project in the manner set forth in the Contract Documents; furnishing of any required Surety Bonds and insurance; and the provision or furnishing of labor, supervision, services, materials, supplies, equipment, fixtures, appliances, facilities, tools, transportation, storage, power, permits and licenses required of the Contractor, fuel, heat, light, cooling and all other utilities as required by this Agreement. The Work to be performed by the Contractor is generally described as follows:

The contractor shall include furnishing all labor, materials, equipment and other items necessary to complete the improvements to the Sand Dollar 3&4 Lift Station located at 8050 A1A S, St Augustine, FL 32080 as specified herein. Upgrades and improvements shall generally include, but not be limited to the following:

Base Bid 1: Minimum required FEMA Related Work:

- Obtain required permits and coordination with FP&L.
- Set up temporary bypass pumping.
- Chemical grout injection to stop leaks and apply SJCUD approved protective liner in wetwell.
- Demolition of existing electrical rack and install new electrical rack per current SJCUD standards. The existing control panel shall be relocated to the new electrical rack. The contractor shall furnish and install a new aluminum equipment rack, conduits, aluminum meter can, 100-amp disconnect switch in SS enclosure, Rose-

Bopla junction boxes, PVC-coated aluminum from wetwell to the junction boxes, wire pump and float leads, grounding grid, light pole and fixture, etc including services during start-up.

- Install an antenna, RTU, and all telemetry equipment (either existing or furnished by SJCUD) to the new electrical rack including wiring from the RTU to the control panel. SJCUD staff will assist with programming and start-up of the RTU once installed.

Base Bid 2: Additional Scope of Work:

- Demolition/removal of existing lift station piping and vault.
- Furnish and install new 3" Sch40 stainless steel piping, valves, 4" Sch40 stainless steel emergency suction pipe, quick-connect discharge connection, guide rails and all other SJCUD standard lift station components per SJCUD Standard Detail PS-3 (see 18-28 Sand Dollar 3 & 4 LS Bid Plans attached).

All work shall be performed specifically in accordance with SJCUD standard details PS-3 and E-101 through E-104.

All work shall be performed in accordance with the plans and specifications under Bid No: 18-28.

**ARTICLE III
CONTRACT TIME**

3.1 Time and Liquidated Damages

3.1.1 The Contractor shall commence the Work within **ten (10)** days upon receipt of the Notice to Proceed and shall Substantially Complete all Work within **Seventy (70)** consecutive calendar days. Final Completion shall be reached by or before **Twenty (20)** consecutive calendar days after Substantial Completion.

The number of calendar days from the date on which the Work is permitted to proceed, through the date set forth for Final Completion, shall constitute the "Contract Time."

3.1.2 The Contractor shall pay the Owner the sum of **\$958.00** per day for each and every calendar day of unexcused delay in achieving Substantial Completion beyond the date set forth herein for Substantial Completion of the Work. Any sum's due and payable hereunder by the Contractor shall be payable, not as a penalty, but as liquidated damages representing an estimate of delay damages likely to be sustained by the Owner, estimated at or before the time of executing this Agreement. When the Owner reasonably believes that Substantial Completion shall be inexcusably delayed the Owner shall be entitled, but not required, to withhold from any amounts otherwise due the Contractor an amount then believed by the Owner to be adequate to recover liquidated damages applicable to such delays. If and when the Contractor overcomes the delay in achieving Substantial Completion, or any part thereof, for which the Owner has withheld payment, the Owner shall promptly release to the Contractor those funds withheld, but no longer applicable, as liquidated damages.

3.2 Substantial Completion

3.2.1 "Substantial Completion" shall mean that stage in the progression of the Work when the Work is sufficiently complete in accordance with this Agreement that the Owner can enjoy beneficial use or occupancy of the Work and can utilize the Work for its intended purpose.

3.3 Time is of the Essence

3.3.1 All limitations of time set forth in the Contract Documents are of the essence of this Agreement.

**ARTICLE IV
CONTRACT PRICE**

4.1 The Contract Price

4.1.1 The Owner shall pay, and the Contractor shall accept, as full and complete payment for all the Work required herein a total Lump Sum price of **one hundred nineteen thousand four hundred ninety dollars and zero cents (\$119,490.00)**.

The sum set forth in the Paragraph 4.1 shall constitute the Contract Price, which shall not be modified except by Change Order as provided in this Agreement.

**ARTICLE V
PAYMENT OF THE CONTRACT PRICE**

5.1 Schedule of Values

5.1.1 Within ten (10) calendar days of the effective date hereof, the Contractor shall submit to the Owner and to the Project Director a Schedule of Values allocating the Contract Price to the various portions of the Work. The Contractor's Schedule of Values shall be prepared in such form, with such detail, and supported by such data as the Project Director or the Owner may require to substantiate its accuracy. The Contractor shall not imbalance its Schedule of Values nor artificially inflate any element thereof. The violation of this provision by the Contractor shall constitute a material breach of this Agreement. The Schedule of Values shall be used only as a basis for the Contractor's Applications for Payment and shall only constitute such basis after it has been agreed upon in writing by the Project Director and the Owner. The Owner may terminate this Agreement without liability of any kind if the Schedule of Values is not agreed upon within fifteen (15) calendar days of the effective date hereof.

5.2 Payment Procedure

5.2.1 The Owner shall pay the Contract Price to the Contractor as provided below.

5.2.2 Progress Payments - On or before the fifteen (15) day of each month after commencement of the Work, the Contractor shall submit an Application for Payment for the period ending the thirtieth (30th) day of the previous month to the Project Director in such form and manner, and with such supporting data and content, as the Project Director may require. Therein, the Contractor may request payment based upon the amount of work done or completed. All partial estimates and payments shall be subject to correction when submitted. Based upon the Contractor's Applications for Payment submitted to the Project Director and upon Certificates for Payment subsequently issued to the Owner by the Project Director, payments will be made in accordance with the Local Government Prompt Payment Act.

5.2.3 The amount of such payments shall be the total value of the Work done to the date of the estimate, based upon the quantities and the Contract unit and/or lump sum prices, less an amount retained and less payments previously made. The amount retained shall be determined in accordance with Section 255.078 of the Florida Statutes:

(a) Owner may withhold from each progress payment made to the Contractor an amount not to exceed ten (10) percent of the payment as retainage until fifty (50) percent completion of the Work.

(b) After fifty (50) percent completion of the Work is purchased pursuant to this Agreement, Owner will reduce to five (5) percent the amount of retainage withheld from each subsequent progress payment made to the Contractor. The term "fifty (50) percent completion" as used in this provision means the point at which Owner has expensed fifty (50) percent of the total cost of the Work purchased as provided herein, together with all costs associated with existing change orders and other additions or modifications to the Work described herein.

(c) After fifty (50) percent completion of the Work is purchased pursuant to this Agreement, the Contractor may present to the Owner a payment request for up one-half of the retainage held by the Owner. The Owner shall make prompt payment to the Contractor, unless in accordance with Section 255.078(6) of the Florida Statutes, such funds are the subject of a good faith dispute, claim or demand by the Owner or the Contractor.

5.2.4 Each Application for Payment shall be signed by the Contractor and shall constitute the Contractor's representation that the Work has progressed to the level for which payment is requested that the Work has been properly installed or performed in full accordance with this Agreement, and that the Contractor knows of no reason why payment should not be made as requested. Thereafter, the Project Director and Engineer shall review the Application for Payment and may also review the Work at the project site or elsewhere to determine whether the quantity and quality of the Work is as represented in the Application for Payment and is as required by this Agreement. The Project Director shall determine and certify to the Owner the amount properly owing to the Contractor. The Owner shall make partial payments on accounts of the Contract Price within thirty (30) days following the Project Director's receipt of each Application for Payment. The amount of each partial payment shall be the amount certified for payment by the Project Director less such amounts, if any, otherwise owing by the Contractor to the Owner or which the Owner shall have the right to withhold as authorized by this Agreement. The Project Director's certification of the Contractor's Application for Payment shall not preclude the Owner from the exercise of any of its rights as set forth in Paragraph 5.3 herein below.

5.2.5 The Contractor warrants that title to all Work covered by an Application shall pass to the Owner no later than

time of payment. The Contractor further warrants that upon submittal of an Application for Payment, all Work for which payments have been received from the Owner shall be free and clear of liens, claims, security interest or other encumbrances in favor of the Contractor or any other person or entity whatsoever.

5.2.6 The Contractor shall promptly pay each Subcontractor out of the amount paid to the Contractor on account of such Subcontractor's Work, the amount to which such Subcontractor is entitled. In the event the Owner becomes informed that the Contractor has not paid a Subcontractor as herein provided, the Owner shall have the right, but not the duty, to issue future checks in payment to the Contractor of amounts otherwise due hereunder naming the Contractor and such Subcontractor as joint hereunder naming the Contractor and such Subcontractor as joint payees. Such joint check procedure, if employed by the Owner, shall create no rights in favor of any person or entity beyond the right of the named payees to payment of the check and shall not be deemed to commit the Owner to repeat the procedure in the future.

5.2.7 No progress payment, nor any use or occupancy of the Project by the Owner, shall be interpreted to constitute an acceptance of any Work not in strict accordance with this Agreement.

5.3 Withheld Payment

5.3.1 Owner may decline to make payment, may withhold funds and, if necessary, may demand the return of some or all of the amounts previously paid to the Contractor, to protect the Owner from loss because of:

- a) Defective Work not remedied by the Contractor and, in the opinion of the Owner, not likely to be remedied by the Contractor;
- b) claims of third parties against the Owner or the Owner's property;
- c) Failure by the Contractor to pay Subcontractors or others in a prompt and proper fashion;
- d) Evidence that the balance of the Work cannot be completed in accordance with the Contract for unpaid balance of the Contract Price;
- e) Evidence that the Work shall not be completed in the time required for Substantial or Final Completion;
- f) Persistent failure to carry out the Work in accordance with the Contract;
- g) Damage to the Owner or a third party to whom the Owner is, or may be, liable.

In the event that the Owner makes written demand upon the Contractor for amounts previously paid by the Owner as contemplated in this Subparagraph 5.3.1, the Contractor shall promptly comply with such demand.

5.4 Unexcused Failure to Pay

5.4.1 If within ten (10) days after the date established herein for payment to the Contractor by the Owner, the Owner, without cause or basis hereunder, fails to pay the Contractor any amount due and payable to the Contractor, then the Contractor may after seven (7) additional days, written notice to the Owner and the Project Director, and without prejudice to any other available rights or remedies it may have, stop the Work until payment of those amounts due from the Owner have been received. Any payment not made within ten (10) days after the date due shall bear interest at the rate of 12 percent (12%) per annum.

5.5 Substantial Completion

5.5.1 When the Contractor believes the Work is Substantially Complete, the Contractor shall submit to the Project Director a list of items to be completed or corrected. When the Project Director on the basis of an inspection determines that the Work is in fact Substantially Complete, he shall prepare a Certificate of Substantial Completion which shall establish the date of Substantial Completion, shall state the responsibilities of the Owner and the Contractor for Project security, maintenance, heat, utilities, damage to the Work, and insurance, and shall fix the time within which the Contractor shall complete the items listed therein. Guarantees required by the Contract shall commence on the date of Substantial Completion of the Work. The Certificate of Substantial Completion shall be submitted to the Owner and the Contractor for their written acceptance of the responsibilities assigned to them in such certificate.

Until Final Completion and acceptance of the Work by the Owner, the Owner shall pay the Contractor an amount equal to ninety percent (90%) of the Contract price. Ten Percent (10%) of the Contract Price shall be retained until Final Completion, acceptance of the Work by the Owner and Final Payment to the Contractor.

5.6 Final Completion and Final Payment

5.6.1 When all the Work is finally complete and the Contractor is ready for a Final Inspection, it shall notify the Owner and the Project Director thereof in writing. Thereupon, the Project Director shall make Final Inspection of the Work and,

if the Work is complete in full accordance with this Agreement and this Agreement has been fully performed, the Project Director shall promptly issue a Final Certificate for Payment and if required to repeat its Final Inspection of the Work, the Contractor shall bear the cost of such repetition of the Work, the Contractor shall bear the cost of such repeat Final Inspection(s) which cost may be deducted by the Owner and all other Authorities having jurisdiction under Florida Laws or regulations.

5.6.1.1 If the Contractor fails to achieve Final Completion within the time fixed therefore by the Engineer in its Certificate of Substantial Completion, the Contractor shall pay the Owner liquidated damages at the sum shown in Paragraph 3.1.2. per day for each and every calendar day of unexcused delay in achieving Final Completion beyond the date set forth herein for Final Completion of the Work. Any sum's due and payable hereunder by the Contractor shall be payable, not as penalty, but as liquidated damages representing an estimate of delay damages likely to be sustained by the Owner, estimated at or before the time of executing the Contract. When the Owner reasonably believes that Final Completion shall be inexcusably delayed, the Owner shall be entitled, but not required, to withhold from any amounts otherwise due the Contractor an amount then believed by the Owner to be adequate to recover liquidated damages applicable to such delays. If and when the Contractor overcomes the delay in achieving Final Completion, or any part thereof, for which the Owner has withheld payment, the Owner shall promptly release to the Contractor those funds withheld, but no longer applicable, as liquidated damages.

5.6.2 The Contractor shall not be entitled to Final Payment unless and until it submits to the Project Director its affidavit that all payrolls, invoices for materials and equipment, and other liabilities connected with the Work for which the Owner, or the Owner's property might be responsible, have been fully paid or otherwise satisfied; releases and waivers of claims and lien from all Subcontractors of the Contractor and of any and all other parties required by the Project Director or the Owner; consent of Surety, if any, to Final Payment. If any third party fails or refuses to provide a release of claim or waiver of a lien as required by Owner the Contractor shall furnish a bond satisfactory to the Owner to discharge any such lien or indemnify the Owner from liability.

5.6.3 The Owner shall make Final Payment of all sums, due the Contractor within thirty (30) days of the Project Director's execution of a Final Certificate for Payment.

5.6.4. Acceptance of Final Payment shall constitute a waiver of all claims against the Owner by the Contractor except for those claims previously made in writing against the Owner by the Contractor, pending at the time of Final Payment, and identified in writing by the Contractor as unsettled at the time of its request for Final Payment.

ARTICLE VI THE OWNER

6.1 Information, Services and Things Required from Owner

6.1.1 The Owner shall furnish to the Contractor, at the time of executing this Agreement, any and all written and tangible material in its possession concerning conditions below ground at the site of the Project. Such written and tangible material is furnished to the Contractor only in order to make complete disclosure of such material and for no other purpose. By furnishing such material, the Owner does not represent, warrant, or guarantee its accuracy either in whole, in part, implicitly, or at all, and shall have no liability therefore. The Owner shall also furnish surveys, legal limitations and utility locations (if known), and a legal description of the Project site. Copies may be provided instead of originals.

6.1.2 Excluding permits and fees normally the responsibility of the Contractor, the Owner shall obtain all approvals, easements, and the like required for construction.

6.1.3 The Owner shall furnish the Contractor, free of charge, 5 copies of the Contract Documents for execution of the Work. The Contractor shall be charged, and shall pay the Owner \$25.00 per additional set of Contract Documents which it may require.

6.2 Right to Stop Work

6.2.1 If the Contractor persistently fails or refuses to perform the Work in accordance with this Agreement, the Owner may order the Contractor to stop the Work, or any described portion thereof, until the cause for stoppage has been corrected, no longer exists, or the Owner orders that Work be resumed. In such event, the Contractor shall immediately obey such order.

6.3 Owner's Right to Perform Work

6.3.1 If the Contractor's Work is stopped by the Owner under Paragraph 6.2, and the Contractor fails within seven (7) days of such stoppage to provide adequate assurance to the Owner that the cause of such stoppage shall be eliminated or corrected, the Owner may, without prejudice to any other rights or remedies the Owner may have against the Contractor, proceed to carry out the subject Work.

In such a situation, an appropriate Change Order shall be issued deducting from the Contract Price the cost of correcting the subject deficiencies, and compensation for the Owner's additional services and expenses necessitated thereby, if any. If the unpaid portion of the Contract Price is insufficient to cover the amount due the Owner, the Contractor shall pay the difference to the Owner.

**ARTICLE VII
THE CONTRACTOR**

7.1 The Contractor is again reminded of its continuing duty set forth in Subparagraph 1.5.7. The Contractor shall perform no part of the Work at any time without adequate Contract Documents or, as appropriate, approved Shop Drawings, Product Data or Samples for such portion of the Work. If the Contractor performs any of the Work where Contractor knows or should know such work involves a recognized error, inconsistency or omission in the Contract Documents without such notice to the Project Director and the Owner, the Contractor shall bear responsibility for such performance and shall bear the cost of correction.

7.2 The Contractor shall perform the Work strictly in accordance with this Agreement.

7.3 The Contractor shall supervise and direct the Work using the Contractor's best skill, effort and attention. The Contractor shall be responsible to the Owner for any and all acts or omissions of the Contractor, its employees and other engaged in the Work on behalf of the Contractor.

7.4 Warranty

7.4.1 The Contractor warrants to the Owner that all labor furnished to progress the Work under this Agreement shall be competent to perform the tasks undertaken, that the product of such labor shall yield only first-class results, that materials and equipment furnished shall be of good quality, free from faults and defects and in strict conformance with this Agreement. This warranty shall survive termination of this Agreement and shall not be affected by Final Payment hereunder. All Work not conforming to these requirements may be considered defective.

7.5 Contractor shall obtain and pay for all permits, fees and licenses necessary and ordinary for the Work. The Contractor shall comply with all lawful requirements applicable to the Work and shall give and maintain any and all notices required by applicable law pertaining to the Work.

7.6 Supervision

7.6.1 The Contractor shall employ and maintain at the Project site only competent supervisory personnel. Absent written instruction from the Contractor to the contrary, the superintendent shall be deemed the Contractor's authorized representative at the site and shall be authorized to receive and accept any and all communications from the Owner or Assignees.

7.6.2 Key supervisory personnel assigned by the Contractor to this Project are as follows:

Name	Function
_____	_____
_____	_____
_____	_____

So long as the individuals named above remain actively employed or retained by the Contractor, they shall perform the functions indicated next to their names unless the Owner agrees to the contrary in writing. In the event one or more

individuals not listed above subsequently assume one or more of those functions listed above, the Contractor shall be bound by the provisions of this Subparagraph 7.6.2 as though such individuals have been listed above.

7.7 The Contractor, prior to commencing the Work, shall submit to the Project Director for his information, the Contractor's schedule for completing the Work. The Contractor's schedule shall be revised no less frequently than monthly (unless the parties otherwise agree in writing) and shall be revised to reflect conditions encountered from time to time and shall be related to the entire Project. Each sum revision shall be furnished to the Project Director. Failure by the Contractor to strictly comply with the provisions of this Paragraph 7.7 shall constitute a material breach of this Agreement.

7.8 The Contractor shall continuously maintain at the site, for the benefit of the Project Director, one record copy of this Agreement marked to record on a current basis changes, selections and modifications made during construction. Additionally, the Contractor shall maintain at the site for the Project Director the approved Product Data, Samples and other similar required submittals. Upon Final Completion of the Work, all of these record documents shall be delivered to the Owner.

7.9 Product Data and Samples

7.9.1 Product Data, Samples and other submittals from the Contractor do not constitute Contract Documents. Their purpose is merely to demonstrate the manner in which the Contractor intends to implement the Work in conformance with the information received from the Contract Documents. All Product Data, Samples and other submittals shall belong to the Owner and shall be delivered, or returned to Owner, as applicable, prior to Submittals shall belong to Owner and shall be delivered, or returned to Owner, as applicable, prior to Substantial Completion.

7.10 Cleaning the Site and the Project

7.10.1 The Contractor shall keep the site reasonably clean during performance of the Work. Upon Final Completion of the Work, the Contractor shall clean the site and the Project and remove all waste, together with all of the Contractor's property therefrom.

7.11 Access to Work

7.11.1 The Owner and the Project Director shall have access to the Work at all times from commencement of the Work through Final Completion. The Contractor shall take whatever steps necessary to provide access when requested.

7.12 Indemnity

7.12.1 To the fullest extent permitted by law, the Contractor shall indemnify and hold harmless the Owner, employees and officials from, and against, any, and all, administrative/legal/equitable liability, claims, damages, losses and expenses, including attorneys' fees, arising out of or resulting from performance of the work, noted in either the Scope of Work, or the Contract Documents, that are referenced and considered a part of this Agreement. It is specifically noted that such liability, claims, damages, loss or expense includes any of those referenced instances attributable to bodily injury, sickness, disease, or death, or to injury to, or destruction of, personal and/or real property, including the loss of use resulting therefrom or incident to, connected with, associated with or growing out of direct and/or indirect negligent or intentional acts or omissions by the Contractor, a Subcontractor, or anyone directly, or indirectly employed by them, or anyone for whose acts the Contractor or Subcontractor may be liable, regardless of whether or not such liability, claim, damage, loss or expense is caused in part by a party indemnified hereunder.

7.12.2 In claims against any person or entity indemnified under this Paragraph 7.12 by an employee of the Contractor, a Subcontractor, any one directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under this Paragraph 7.12 shall not be limited by a limitation on amount or type of damages, compensation or benefits payable by or for the Contractor or a Subcontractor under workers' compensation acts, disability benefits acts or other employee benefit acts.

7.13 Safety

7.13.1 The Contractor shall be responsible for supervising all safety precautions, including initiating and maintaining such programs in connection with the performance of the Contract and for adequate maintenance of traffic.

7.13.2 The Contractor shall designate a member of the on-site construction team whose duty shall be the prevention of accidents. Unless notified otherwise in writing by the Contractor to the Owner and the Engineer, this person shall be the Contractor's Superintendent.

**ARTICLE VIII
CONTRACT ADMINISTRATION**

8.1 Project Director

8.1.1 The Project Director, unless otherwise directed by the Owner shall perform those duties and discharge those responsibilities allocated to the Project Director as set forth in this Agreement. The Project Director shall be the Owner's representative from the effective date of this Agreement until Final Payment has been made. The Project Director shall be authorized to act on behalf of the Owner only to the extent provided in this Agreement.

8.1.2 The Owner and the Contractor shall communicate with each other in the first instance through the Project Director.

8.1.3 The Project Director shall be the initial interpreter of the requirements of the drawings and specifications and the judge of the performance there under by the Contractor. The Project Director shall render written or graphic interpretations necessary for the proper execution or progress of the Work with reasonable promptness on request of the Contractor.

8.1.4 The Project Director shall review the Contractor's Applications for Payment and shall certify to the Owner for payment to the Contractor, those amounts then due to the Contractor as provided in this Agreement.

8.1.5 The Project Director shall have authority to reject Work, which is defective or does not conform to the requirements of this Agreement. If the Project Director deems it necessary or advisable, the Project Director shall authority to require additional inspection or testing of the Work for compliance with Contract requirements at Contractor's expense.

8.1.6 The Project Director shall review and approve, or take other appropriate action as necessary, concerning the Contractor's submittals including Product Data and Samples. Such review, approval or other action shall be for the sole purpose of determining conformance with the design concept and information given through the Contract Documents.

8.1.7 The Project Director shall prepare Change Orders and may authorize minor changes in the Work by field order as provided elsewhere herein.

8.1.8 The Project Director shall, upon written request from the Contractor, conduct inspections to determine the date of Substantial Completion and the date of Final Completion, shall receive and forward to the Owner for the Owner's review and records, written warranties and related documents required by this Agreement and shall issue a Final Certificate for Payment upon compliance with the requirements of this Agreement.

8.1.9 The Project Director's decision in matters relating to aesthetic effect shall be final if consistent with the intent of this Agreement.

8.2 Claims by the Contractor

8.2.1 All Contractor claims shall be initiated by written notice and claim to the Project Director. Such written notice and claims must be furnished within seven (7) days after occurrence of the event, or the first appearance of the condition, giving rise to the claim.

8.2.2 Pending final resolution of any claim of the Contractor, the Contractor shall diligently proceed with performance of this Agreement and the Owner shall continue to make payments to the Contractor in accordance with this Agreement. The resolution of any claim under this Paragraph 8.2 shall be reflected by a Change Order executed by the Project Director and the Contractor.

8.2.3 Claims for Concealed and Unknown Conditions - Should concealed and unknown conditions encountered in the performance of the Work (a) below the surface of the ground or (b) in an existing structure be at variance with the conditions indicated by this Agreement, or should unknown conditions of an usual nature differing materially from those ordinarily encountered in the area and generally recognized as inherent in Work of the character provided for in this Agreement, be encountered, wherein the Contract Documents or Standard Construction industry practices have not placed the responsibility of discovering such concealed and unknown conditions upon the Contractor prior to the Contractor submitting his Bid for the Work, the Contract Price shall be equitably adjusted by Change Order upon the written notice and claim by either party made within seven (7) days after the first observance of the condition. As a condition precedent

to the Owner having any liability to the Contractor for concealed or unknown conditions, the Contract must give the Project Director written notice of, and an opportunity to observe, the condition prior to disturbing it. The failure by the Contractor to make the written notice and claim as provided in this Subparagraph shall constitute a waiver by the Contractor of any claim arising out of or relating to such concealed or unknown condition.

8.2.4 Claims for Additional Costs - If the Contractor wishes to make a claim for an increase in the Contract Price, as a condition precedent to any liability of the Owner therefore, the Contractor shall give the Project Director written notice of such claim within seven (7) days after the occurrence of the event, or the first appearance of the condition, giving rise to such claim. Such notice shall be given by the Contractor before proceeding to execute any additional or changed Work. The failure by the Contractor to give such notice prior to executing the Work shall constitute a waiver of any claim for additional compensation.

8.2.4.1 In connection with any claim by the Contractor against the Owner for compensation in excess of the Contract Price, any liability of the Owner for the Contractor's costs shall be strictly limited to direct costs incurred by the Contractor and shall in no event include indirect costs or consequential damages of the Contractor.

The Owner shall not be liable to the Contractor for claims of third parties, including Subcontractors, unless and until liability of the Contractor has been established therefore in a court of competent jurisdiction.

8.2.5 Claims for Additional Time - If the Contractor is delayed in progressing any task which at the time of the delay is then critical or which during the delay becomes critical, as the sole result of any act or neglect to act by the Owner or someone acting in the Owner's behalf, or by changes ordered in the Work, unusual delay in transportation, unusually adverse weather conditions not reasonably anticipated, fire or any causes beyond the Contractor's control, then the date for achieving Substantial Completion of the Work shall be extended upon the written notice and claim of the Contractor to the Project Director, for such reasonable time as the Project Director may determine.

Any notice and claims for an extension of time by the Contractor shall be made not more than seven (7) days after the occurrence of the event or the first appearance of the condition giving the rise to the claim and shall set forth in detail the Contractor's basis for requiring additional time in which to complete the Project. In the event the delay to the Contractor is continuing one, only one notice and claim for additional time shall be necessary. If the Contractor fails to make such claim for an extension shall be waived. This paragraph shall not be deemed to waive any damages for delay that are covered by insurance.

8.2.5.1 Delays and Extensions of Time - An extension of Contract Time shall not be given due to weather conditions unless such weather conditions more severe than average have caused a delay. In requesting extension of time for weather conditions; Contractor shall present complete records and such requests shall document how weather conditions delayed progress of Work.

8.3 Field Orders

8.3.1 The Project Director shall have authority to order minor changes in the Work not involving a change in the Contract Price or in Contract Time and not inconsistent with the intent of the Contract. Such changes shall be effected by field order and shall be binding upon the Contractor. The Contractor shall carry out such field orders promptly.

ARTICLE IX SUBCONTRACTORS

9.1 Definition

9.1.1 A Subcontractor is an entity, which has a direct Contract with the Contractor to perform a portion of the Work.

9.2 Award of Subcontracts

9.2.1 Upon execution of the Contract, the Contractor shall furnish the Project Director, in writing, the names of persons or entities proposed by the Contractor to act as a Subcontractor on the Project. The Project Director shall promptly reply to the Contractor, in writing, stating any objections the Project Director may have to such proposed Subcontractor. The Contractor shall not enter into a Subcontract with a proposed Subcontractor with reference to whom the Project Director has made a timely objection.

9.2.2 All subcontracts shall afford the Contractor rights against the Subcontractor, which correspond to those rights afforded to the Owner by Subparagraph 12.2.1 below.

ARTICLE X CHANGES IN THE WORK

10.1 Changes Permitted

10.1.1 Changes in the Work within the general scope of this Agreement, consisting of additions, deletions, revisions, or any combination thereof, may be ordered without invalidating this Agreement, by Change Order or by Field Order.

10.1.2 Changes in the Work shall be performed under applicable provisions of this Agreement and the Contractor shall proceed promptly with such changes.

10.2 Change Order Defined

10.2.1 Change Order shall mean a written order to the Contractor executed by the Project Director, issued after execution of this Agreement, authorizing and directing a change in the Work or an adjustment in the Contract Price or the Contract Time, or any combination thereof. Only the Change Order may change the Contract Price and the Contract Time.

10.3 Changes in the Contract Price

10.3.1 Any change in the Contract Price resulting from a Change Order shall be determined as follows: (a) by mutual agreement between the Owner and the Contractor as evidenced by (1) the change in the Contract Price being set forth in the Change Order, (2) such change in the Contract Price, together with any conditions or requirements related thereto, being initialed by both parties and (3) the Contractor's execution of the Change Order, or (b) if no mutual agreement occurs between the Owner and the Contractor, then, as provided in Subparagraph 10.3.2 below.

10.3.2 If no mutual agreement occurs between the Owner and the Contractor as contemplated in Subparagraph 10.3.1 above, the change in the Contract Price, if any, shall then be determined by the Project Director on the basis of the reasonable expenditures or savings of those performing, deleting or revising the Work attributable to the change, including, in the case of an increase or decrease in the Contract Price, a reasonable allowance for direct job site overhead and profit. In such case, the Contractor shall present, in such form and with such content as the Owner or the Project Director requires, an itemized accounting of such expenditures or savings shall be limited to the following: reasonable costs of materials, supplies, or equipment including delivery costs, reasonable costs of labor, including social security, old age and unemployment insurance, fringe benefits required by a pre-existing agreement or by custom, and workers' compensation insurance, reasonable costs of premiums for all Bonds and insurance, permit fees, and sales, use or other taxes related to the Work and paid by the Contractor, and reasonable costs of directly attributable to the change. In no event shall any expenditure or savings associated with the Contractor's home office or other non-jobsite overhead expenses be included in any change in the Contract Price. Pending final determination of reasonable expenditures or savings to the Owner, payments on account shall be made to the Contractor on the Owner's Certificate of Payment.

10.3.3 If Unit Prices are provided in the Contract, and if the quantities contemplated are so changed in proposed Change Order that application of such Unit Prices to the quantities of Work proposed shall cause substantial inequity to the Owner or to the Contractor that applicable Unit Prices shall be equitable adjusted.

10.4 Minor Changes

10.4.1 The Project Director shall have authority to order minor changes in the Work not involving a change in the Contract Price or an extension of the Contract Time and not inconsistent with the intent of this Agreement. Such minor changes shall be made by written Field Order, and shall be binding upon the Owner and the Contractor. The Contractor shall promptly carry out such written Field Orders.

10.5 Effect of Executed Change Order

10.5.1 The execution of a Change Order by the Contractor shall constitute conclusive evidence of the Contractor's agreement to the ordered changes in the Work, this Agreement as thus amended, the Contract Price and the Contract Time. The Contractor, by executing the Change Order, waives and forever releases any claim against the Owner for additional time or compensation for matters relating to or arising out or resulting from the Work included within or affected by the executed Change Order.

10.6 Notice to Surety; Consent

10.6.1 The Contractor shall notify and obtain the timely consent and approval of the Contractor's surety with reference to all Change Orders if such notice, consent or approval is required by the Contractor's surety or by law. The Contractor's

warranty to the Owner that the surety has been notified of and consents to, such Change Order and the surety shall be conclusively deemed to have been notified of such Change Order and to have expressly consented thereto.

ARTICLE XI UNCOVERING AND CORRECTING WORK

11.1 Uncovering Work

11.1.1 If any of the Work is covered contrary to the Project Director's request or to any provision of this Agreement, it shall, if required by the Project Director, be uncovered for the Project Director's inspection and shall be properly replaced at the Contractor's expense without change in the Contract Time.

11.1.2 If any of the Work is covered in a manner not described in Subparagraph 11.1.1 above, it shall, if required by the Project Director or Owner, be uncovered for the Project Director's inspection. If such Work conforms strictly to this Agreement, costs of uncovering and proper replacement shall by Change Order be charged to the Owner. If such Work does not strictly conform to this Agreement, the Contractor shall pay the costs of uncovering and proper replacement.

11.2 Correcting Work

11.2.1 The Contractor shall immediately proceed to correct Work rejected by the Project Director as defective or failing to conform to this Agreement. The Contractor shall pay all costs and expenses associated with correcting such rejected Work, including any additional testing and inspections, and reimbursement to the Owner for the Project Director's services and expenses made necessary thereby.

11.2.2 If within one (1) year after Substantial Completion of the Work, if any of the Work is found to be defective or not in accordance with this Agreement, the Contractor shall correct it within seven (7) days at the Contractor's expense upon receipt of written notice from the Owner. This obligation shall survive Final Payment by the Owner and termination of this Agreement. With respect to Work first performed and completed after Substantial Completion, this one (1) year obligation to specifically correct defective and nonconforming Work shall be extended by the period of time which elapses between Substantial Completion and completion of the subject Work.

11.2.3 Nothing contained in this Paragraph 11.2 shall establish any period of limitation with respect to other obligations, which the Contractor has under this Agreement. Establishment of the one (1) year time period in Subparagraph 11.2.2 relates only to the duty of the Contractor to specifically correct the Work, and has no relationship to the time which the obligation to comply with the Contract Documents may be sought to be enforced.

11.3 Owner May Accept Defective or Nonconforming Work

11.3.1 If the Owner chooses to accept defective or nonconforming Work, the Owner may do so. In such events, the Contract Price shall be reduced by the greater of (a) the reasonable cost of removing and correcting the defective or nonconforming Work, and (b) the difference between the fair market value of the Project had it not been constructed in such manner as to include defective or nonconforming Work. If the remaining portion of the unpaid Contract Price, if any, is insufficient to compensate the Owner for its acceptance of defective or nonconforming Work, the Contractor shall, upon written demand from the Owner, pay the Owner such remaining compensation for accepting defective or nonconforming Work.

ARTICLE XII CONTRACT TERMINATION

12.1 Termination by the Contractor

12.1.1 If the Work is stopped for a period of ninety (90) days by an order of any court or as a result of an act of the Government, through no fault of the Contractor or any person or entity working directly or indirectly for the Contractor, the Contractor may, upon ten (10) days written notice to the Owner, terminate performance under this Agreement and recover from the Owner payment for the actual reasonable expenditures of the Contractor (as limited in Subparagraph 10.3.2 above) for all Work executed and for materials, equipment, tools, construction equipment and machinery actually purchased or rented solely for the Work, less any salvage value of any such items.

12.1.2 If the Owner shall persistently or repeatedly fail to perform any material obligation to the Contractor for a period of fifteen (15) days after receiving written notice from the Contractor of its intent to terminate if such failure is not substantially corrected within fifteen (15) days, the Contractor may terminate performance under this Agreement by

written notice to the Project Director. In such event, the Contractor shall be entitled to recover from the Owner as though the Owner had terminated the Contractor's performance under this Agreement for convenience pursuant to Subparagraph 12.2.1 hereunder.

12.2 Termination by the Owner

12.2.1 For Convenience

12.2.1.1 The Owner may terminate this Agreement for convenience. In such instance, the Owner shall provide written notice of such termination to the Contractor specifying when termination shall become effective.

12.2.1.2 The Contractor shall incur no further obligations in connection with the Work and the Contractor shall stop Work when such termination becomes effective. The Contractor shall also terminate outstanding orders and subcontracts. The Contractor shall settle liabilities and claims arising out of the termination of subcontracts and orders. The Owner may direct the Contractor to assign the Contractor's right, title and interest under terminated orders or subcontracts to the Owner or its designee.

12.2.1.3 The Contractor shall transfer title and deliver to the Owner such completed or partially completed Work and materials, equipment, parts, fixtures, information and Contract rights as the Contractor has.

12.2.1.4 (a) The Contractor shall submit a termination claim to the Project Director specifying the amounts due because of the termination for convenience together with costs, pricing or other data required by the Project Director. If the Contractor fails to file a termination claim within one (1) year from the effective date of termination, the Owner shall pay the Contractor, an amount derived in accordance with subparagraph (c) below.

(b) The Owner and the Contractor may agree to compensation, if any, due to the Contractor hereunder.

(c) Absent agreement to the amount due to the Contractor, the Owner shall pay the Contractor the following amounts;

(d) Contract prices for labor, materials, equipment, and other services accepted under this Agreement;

(e) Reasonable costs incurred in preparing to perform and in performing a portion of the Work prior to termination and not included in (d) or (e), and in terminating the Contractor's performance, plus a fair and reasonable allowance for overhead and profit thereon (such profit shall not include anticipated profit or consequential damages); provided, however, that if it appears that the Contractor would have not profited or would have sustained a loss if the entire Contract had been completed, no profit shall be allowed or included and the amount of compensation shall be reduced to reflect the anticipated rate of loss, if any;

(f) Reasonable costs of settling and paying claims arising out of the termination of Subcontracts or orders pursuant to Subparagraph 12.2.1.2 of this Paragraph. These costs shall not include amounts paid in accordance with other provisions hereof.

The total sum to be paid the Contractor under this Subparagraph 12.2.1 shall not exceed the total Contract Price, as properly adjusted, reduced by the amount of payments otherwise made, and shall in no event include duplication of payment.

12.2.2 For Cause

12.2.2.1 If the Contractor persistently or repeatedly refuses or fails to perform the Work in a timely manner, supply enough properly skilled Workers, supervisory personnel or proper equipment or materials, or if it fails to make prompt payment to Subcontractors, or for materials or labor, or persistently disregards laws, ordinances, rules, regulations or orders of any public authority having jurisdiction, or otherwise substantially violates a material provision of this Agreement, then the Owner may, by written notice to the Contractor, without prejudice to any other right or remedy, terminate the employment of the Contractor and take possession of the site and of all materials, equipment, tools, construction equipment and machinery thereon owned by the Contractor and may finish the Work by whatever methods it may deem expedient. In such case, the Contractor shall not be entitled to receive any further payment until the Work is finished.

12.2.2.2 If the unpaid balance of the Contract Price less any liquidated damages due under this Agreement, exceeds the cost of finishing the Work, including compensation for the Project Director's additional services and expenses made necessary thereby, such exceed the unpaid balance, the Contractor shall pay the difference to the Owner. This obligation for payment shall survive the termination of the Contract.

12.2.2.3 In the event the employment of the Contractor is terminated by the Owner for cause pursuant to Subparagraph 12.2.2 and it is subsequently determined by a Court of competent jurisdiction that such termination was without cause, such termination shall thereupon be deemed a Termination for Convenience under Subparagraph 12.2.1 and the provisions of Subparagraph 12.2.1 shall apply.

ARTICLE XIII INSURANCE

13.1 Contractor's Insurance:

The Contractor shall not commence work under this Agreement until he/she has obtained all insurance required under this section and such insurance has been approved by the County. All insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida. The Contractor shall furnish proof of Insurance to the County prior to the commencement of operations. The Certificate(s) shall clearly indicate the Contractor has obtained insurance of the type, amount, and classification as required by contract and that no material change or cancellation of the insurance shall be effective without thirty (30) days prior written notice to the County. **Certificates shall specifically include the County as Additional Insured for all lines of coverage except Workers' Compensation and Professional Liability. A copy of the endorsement must accompany the certificate.** Compliance with the foregoing requirements shall not relieve the Contractor of its liability and obligations under this Agreement.

Certificate Holder Address: St. Johns County, a political subdivision of the State of Florida
500 San Sebastian View
St. Augustine, FL 32084

The Contractor shall maintain during the life of this Agreement, Comprehensive General Liability Insurance with minimum limits of \$1,000,000 per occurrence, \$2,000,000 aggregate, to protect the Contractor from claims for damages for bodily injury, including wrongful death, as well as from claims of property damages which may arise from any operations under this contract, whether such operations be by the Contractor or by anyone directly employed by or contracting with the Contractor.

The Contractor shall maintain during the life of this Contract, Comprehensive Automobile Liability Insurance with minimum limits of \$300,000 combined single limit for bodily injury and property damage liability to protect the Contractor from claims for damages for bodily injury, including the ownership, use, or maintenance of owned and non-owned automobiles, including rented/hired automobiles whether such operations be by the Contractor or by anyone directly or indirectly employed by a Contractor.

The Contractor shall maintain during the life of this Agreement, adequate Workers' Compensation Insurance in at least such amounts as is required by the law for all of its employees per Florida Statute 440.02.

The Contractor shall maintain during the life of this Agreement, Professional Liability or Errors and Omissions Insurance with minimum limits of \$1,000,000, if applicable.

In the event of unusual circumstances, the County Administrator or his designee may adjust these insurance requirements.

ARTICLE XIV MISCELLANEOUS

14.1 Governing Law & Venue

14.1.1 The Contract shall be governed by the laws of the State of Florida. Venue for any administrative and/or legal action arising under the Contract shall be St. Johns County, Florida.

14.2 Successors and Assigns

14.2.1 The Owner and Contractor bind themselves, their successors, assigns and legal representatives to the other party hereto and to successors, assigns and legal representatives of such other party in respect to covenants, agreements and

obligations contained in this Agreement. The Contractor shall not assign this Agreement without written consent of the Owner.

14.3 Surety Bonds

14.3.1 The Contractor shall furnish a separate Public Construction Bond to the Owner. Such Bonds shall set forth a penal sum in an amount not less than the Contract Price. The Bond furnished by the Contractor shall incorporate by reference the terms of this Agreement as fully as though they were set forth verbatim in such Bonds. The Public Construction Bond shall provide that in the event the Contract Price is adjusted by Change Order executed by the Contractor. The Public Construction Bond furnished by the Contractor shall be in form suitable to the Owner and shall be executed by a Surety, or Sureties, reasonably suitable to the Owner.

14.4 Safety of Persons and Property

14.4.1 When existing utility lines shown on the Drawings are to be removed or relocated, the Contractor shall notify the Engineer in ample time for taking measures for prevention of the interruption of any required services prior to the beginning of operations. In the event that the Contractor damages any existing utility lines not shown on the Drawings, the location of which is not known to the Contractor report thereof shall be made immediately to the Engineer.

14.4.2 Locations of existing utility lines shown on the Drawings are based on the best information available to the Engineer, but shall not be considered exact either as to location or number of such lines.

14.4.3 Contractor shall protect utility lines constructed under terms of the agreement and those discovered or shown on Drawings to be existing. Damage occurring to utility lines due to Contractor's operations shall be repaired at no cost to the Owner.

ARTICLE XV EQUAL EMPLOYMENT OPPORTUNITY

15.1 Contractor's Employment Opportunity

15.1.1 The Contractor and all Subcontractors shall not discriminate against any employee or applicant for employment because of race, religion, color, sex, national origin or age.

The Contractor shall take affirmative action to insure that applicants are employed, and that employees are treated during employment without regard to their race, religion, color, sex, national origin or age. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertisement, layoff or termination, rates of pay or other forms of compensation, and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the policies of non-discrimination.

15.1.2 The Contractor and all Subcontractors shall, in all solicitations or advertisements for employees placed by them or on their behalf, state that all qualified applicants shall receive consideration for employment without regard to race, religion, color, sex, national origin or age.

ARTICLE XVI APPRENTICESHIP LAW REQUIREMENTS

16.1 Apprenticeship Law (Chapter 446, Florida Statutes)

16.1.1 The Contractor shall make a diligent effort to hire for Performance of the Contract a number of apprentices in each occupation which bears to the average number of journeyman in that occupation to be employed in the performance of the Contract, the ratio of at least one (1) apprentice or trainee to every five (5) journeymen.

16.1.2 The Contractor shall, when feasible and except when the number of apprentices or trainees to be hired is fewer than four (4), assure that twenty-five (25) percent of such apprentices or trainees are in their first year of training. Feasibility here involves a consideration of the availability of training opportunities for first year apprentices or trainees, the hazardous nature of the Work for beginning workers, and excessive unemployment of apprentices or trainees in their second or subsequent years of training.

16.1.3 The Contractor, during the performance of the Contract, shall make diligent efforts to employ the number of apprentices or trainees necessary to meet requirements of Subparagraphs a. and b. However, on-the-job training programs

shall only be established in non-apprenticable trades or occupations to meet the requirements of this section.

16.1.4 The Contractor agrees to return records of employment, by trade, of the number of apprentices or trainees by first year of training, and the number of journeymen and the wages paid, and hours of work, of such persons on a form as prescribed by the Bureau of Apprenticeship of the Division of Labor at three (3) month intervals. Submission of duplicate copies of forms submitted to the United States Department of Labor shall be sufficient compliance with the provisions of the section.

16.1.5 The Contractor agrees to supply the Bureau of Apprenticeship of the Division of Labor, at three (3) months intervals, a statement describing steps taken toward making diligent effort and containing a breakdown by craft or hours worked and wages paid for first year apprentices or trainees, other apprentices or trainees and journeymen.

16.1.6 The Contractor agrees to insert in any Subcontract under this Agreement the requirements contained in this section. "The term Contractor" as used in such clauses and any Subcontract shall mean the Subcontractor.

16.1.7 Anything herein to the Contrary notwithstanding, Contractor agrees to comply with all of the provisions of Florida Statutes 446 and all regulations prescribed by the Bureau of Apprenticeship of the Division of Labor.

ARTICLE XVII PUBLIC RECORDS

17.1 Public Records

17.1.1 The cost of reproduction, access to, disclosure, non-disclosure, or exemption of records, data, documents, and/or materials, associated with this Agreement shall be subject to the applicable provisions of the Florida Public Records Law (Chapter 119, Florida Statutes), and other applicable State and Federal provisions. Access to such public records, may not be blocked, thwarted, and/or hindered by placing the public records in the possession of a third party, or an unaffiliated party.

17.1.2 In accordance with Florida law, to the extent that Contractor's performance under this Contract constitutes an act on behalf of the County, Contractor shall comply with all requirements of Florida's public records law. Specifically, if Contractor is expressly authorized, and acts on behalf of the County under this Agreement, Contractor shall:

- (1) Keep and maintain public records that ordinarily and necessarily would be required by the County in order to perform the Services;
- (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 as provided in Chapter 119, Florida Statutes, or as otherwise provided by law;
- (3) Ensure that public records related to this Agreement that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by applicable law for the duration of this Agreement and following completion of this Agreement if the Contractor does not transfer the records to the County; and
- (4) Upon completion of this Agreement, 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 Services.

17.1.3 If the Contractor transfers all public records to the County upon completion of this Agreement, 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 this Agreement, 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 County's custodian of public records, in a format that is compatible with the County's information technology systems.

17.1.4 Failure by the Contractor to comply with the requirements of this section shall be grounds for immediate, unilateral termination of this Agreement by the County.

**IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF
CHAPTER 119, FLORIDA STATUTES, TO ITS DUTY TO PROVIDE PUBLIC**

RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT: OCA, ATTN: Public Records Manager, 500 San Sebastian View, St. Augustine, FL 32084, PH: (904) 209-0805, EMAIL: publicrecords@sjcfl.us.

Owner:

St. Johns County, FL (Seal)
(Typed Name)

By: _____
Signature of Authorized Representative

Jaime T. Locklear, MPA, CPPB, FCCM
Printed Name – County Representative

Assistant Purchasing Manager
Title – County Representative

Date of Execution

ATTEST:

St. Johns County, FL
Clerk of Courts

By: _____
Deputy Clerk

Date of Execution

Legally Sufficient:

Deputy County Attorney

Date of Execution

Contractor:

Hinterland Group, Inc (Seal)
(Typed Name)

By: _____
Signature of Authorized Representative

Printed Name & Title

Date of Execution

Bid No: 18-28; Sand Dollar Lift Station Repair
Exhibit "A"
FEMA-PA Required Contract Provisions

This is an acknowledgement that FEMA financial assistance will be used to fund the contract only. The awarded Contractor will comply with all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives herein.

1. Energy Policy and Conservation Act

The awarded 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.

Reference 2 CFR 200 A II (h)

2. Compliance with the Copeland "Anti-Kickback" Act

A. Contractor. The awarded Contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into this contract.

B. Subcontracts. The awarded Contractor or subcontractor shall insert in any subcontracts the clause above and such other clauses as the FEMA may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.

C. Breach. A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a contractor and subcontractor as provided in 29 C.F.R. § 5.12.

Reference 2 CFR 200 A II (d)

3. Compliance with the Contract Work Hours and Safety Standards Act

A. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

B. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (A) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (A) of this section.

C. Withholding for unpaid wages and liquidated damages. The County shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (B) of this section.

D. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (A) through (D) of this section and also a clause requiring the subcontractors to include these

clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (A) through (D) of this section.

Reference 2 CFR 200 A II (e)

4. Rights to Inventions Made Under a Contract or Agreement

If the Federal award meets the definition of "funding agreement" under 37 CFR §401.2 (a) and the recipient or sub-recipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or sub-recipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

5. Clean Air Act:

- A. The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.
- B. The contractor agrees to report each violation to the County and understands and agrees that the County will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
- C. The contractor agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FEMA.

Reference 2 C.F.R. Part 200, Appendix II

6. Federal Water Pollution Control Act

- A. The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.
- B. The contractor agrees to report each violation to the County and understands and agrees that the County will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
- C. The contractor agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FEMA.

Reference 2 C.F.R. Part 200, Appendix II

7. Procurement of Recycled/Recovered Materials

- A. In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired:
 - 1) Competitively within a timeframe providing for compliance with the contract performance schedule;
 - 2) Meeting contract performance requirements; or
 - 3) At a reasonable price.
- B. Information about this requirement is available at EPA's Comprehensive Procurement Guidelines website, <http://www.epa.gov/cpg/>. The list of EPA-designate items is available at <http://www.epa.gov/cpg/products.htm>.

Reference 2 C.F.R. § 200.322

8. Compliance with Federal Law, Regulations, and Executive Orders

This is an acknowledgement that FEMA financial assistance will be used to fund the contract only. The contractor will comply will all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.

Reference Financial Services and General Government Appropriations Act, 2015, Pub. L. No. 113-83, Division E, § 724 (2015); DHS Standard Terms and Conditions, v 3.0, II (Dec. 4, 2013).

9. No Obligation by Federal Government

The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract.

10. Program Fraud and False or Fraudulent Statements or Related Acts

The contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the contractor's actions pertaining to this contract.

Reference 31 U.S.C. §§ 3729-3733

11. Non-Segregated Facilities

The Contractor and each subcontractor shall comply with the Certification of Non-segregated Facilities supplied in these Contract Documents and this Certification shall be a part of the Contract Documents. By submission of a RFP, the Bidder and all subcontractors certify that they have familiarized themselves with the certification and that they will comply with the requirements set forth in the Certification.

12. Americans with Disabilities Act of 1990 (ADA)

The Contractor shall ensure compliance with all requirements imposed by ADA, and regulations of the federal government issued there under.

Reference DHS Standard Terms and Conditions, v 3.0, V (Dec. 4, 2013); Standard Form 424D, 10.

13. Equal Opportunity

All eligible businesses, including Small Local Business Enterprises (SLBEs) Disadvantaged Business Enterprises (DBEs) and Women/Minority Business Enterprises (WMBEs) shall be afforded a full opportunity to participate in any award made by the County pursuant to this Request for Proposals and will not be subjected to discrimination on the basis of race, color, sex, or national origin.

The County prohibits any awarded firm awarded a contract, to discriminate on the basis of race, color, religion, sex, national origin, age, or physical handicap.

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.

Reference 2 CFR 200.321

14. Sub-Contractors

If the awarded Contractor elects to sub-contract with any firm, for any portion of the work, the Contractor shall be responsible for all work performed by any sub-contract and the Contractor shall not be relieved of any obligations under the awarded Contract.

At any time, the County may, at its discretion, require any Respondent to submit all relevant data required to establish to the satisfaction of the County, the reliability and responsibility of the proposed sub-contractors to furnish and perform the work proposed.

Prior to the award of the Contract, the County will notify the Respondent in writing if the County, after due investigation, has reasonable and substantial objection to any person or organization proposed as a sub-contract. The Respondent then may, at his option, withdraw his RFP Package, or submit an acceptable alternate sub-contractor, at no increase in pricing. If the Respondent fails to submit an acceptable substitute within seven (7) days of the original notification, the County then may disqualify the Respondent from further consideration of award under this RFP.

The County reserves the right to disqualify any Contractor, Sub-Contractor, Vendor, or material supplier due to previously documented project problems, either with performance or quality.

Sub-contractors and other persons and organizations proposed by the Respondent and accepted by the County, must be used on the work for which they were proposed and accepted and shall not be changed except with the written approval of the County.

The awarded contractor shall take the following affirmative steps to ensure minority business, women's business enterprises and labor surplus area firms are used when possible:

- A. Placing qualified small and minority businesses and women's business enterprises on solicitation lists.
- B. Ensuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources.
- C. 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.
- D. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises.
- E. Using the services and assistance of the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.
- F. Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs (A) through (E) of this section.

Reference 2 CFR 200.321(b)(6)

15. Byrd Anti-Lobbying Amendment

Byrd Anti-Lobbying Amendment, 31 U.S.C. 1352, as amended by the Lobbying Disclosure Act of 1995, P.L. 104-65 [to be codified at 2 U.S.C. § 1601, et seq.] - Contractors who apply or bid for an award of \$100,000 or more shall file the certification required by 49 CFR part 20, "New Restrictions on Lobbying." Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier shall also disclose the name of any registrant under the Lobbying Disclosure Act of 1995 who has made lobbying contacts on its behalf with non-Federal funds with respect to that Federal contract, grant or award covered by 31 U.S.C. 1352. Such disclosures are forwarded from tier to tier up to the recipient.

Reference 2 CFR 200 A II (j)

16. Suspension and Debarment

- A. This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the contractor is required to verify that none of the contractor, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
- B. The contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- C. This certification is a material representation of fact relied upon by (insert name of sub grantee). If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to (name of state agency serving as grantee and name of sub grantee), the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

Reference Chapter IV, 6.d and 12.a.ix; 2 C.F.R. Part 200, Appendix II, I; DHS Standard Terms and Conditions, v 3.0, X (Dec. 4, 2013)



St. Johns County Board of County Commissioners

Purchasing Division

NOTICE OF INTENT TO AWARD

January 17, 2018

RE: Bid No: 18-28 – Sand Dollar Lift Station Repair

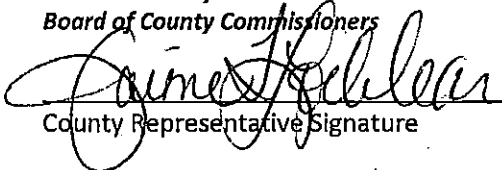
Please be advised that the Purchasing Department of St. Johns County is issuing this notice of its Intent to Award a contract to Hinterland Group, Inc as the lowest responsive, responsible bidders for Bid No: 18-28 – Sand Dollar Lift Station Repair. This notice will remain posted St. Johns County Purchasing Department bulletin board until 5:00 PM, Monday January 22, 2018.

Any person (including any bidder or proposer) who is, or claims to be, adversely affected by the County's decision or proposed decision shall file a written Notice of Protest with the Purchasing Department of St. Johns County within 72 hours after the posting of the notice of decision or proposed decision. Failure to file a Notice of Protest within the time prescribed in Section 304.10 of the St. Johns County Purchasing Manual (the Bid Protest Procedure), or failure to post the bond or other security required by the County within the time allowed for filing a bond, shall constitute a waiver of proceedings and a waiver of the right to protest. The protest procedures may be obtained from the Purchasing Department and are included in the County's Purchasing Manual. All of the terms and conditions of the County Purchasing Manual are incorporated herein by reference and are fully binding.

Should the Purchasing Department receive no protests in response to this notice, an agenda item will be submitted to the St. Johns County Board of County Commissioners for their consideration and subsequent approval to award a contract.

Please forward all correspondence, requests or inquiries directly to Bob Quinney, Procurement Coordinator in the Purchasing Department at rquinney@sjcfl.us.

Sincerely,
St. Johns County
Board of County Commissioners


County Representative Signature

Date: 1/17/18

Jaime Locklear, MPA, CPPB, FCCM Assistant Purchasing Manager
Name & Title (Printed)



ST. JOHNS COUNTY
PURCHASING DEPARTMENT

500 San Sebastian View
St. Augustine, Florida 32084

INTEROFFICE MEMORANDUM

TO: Scott Trigg, P.E., Chief Engineer -- Capital Projects
FROM: Robert Quinney, Procurement Coordinator
SUBJECT: Department Approval for Bid No. 18-28, Sand Dollar Lift Station Repair
DATE: January 10, 2018

Attached is a copy of the technical proposal review summary sheet.

Please review, evaluate and make a written recommendation for this project. Also, indicate the budgeted amount for this item along with the appropriate charge code and return at your earliest convenience. We will prepare the agenda item and contract.

Please let me know if I can assist your department in any other way.

Department Head Approval Scott Trigg

Date 1/11/18

Budget Amount \$120,000

Account Funding Title Bid 2 2017 Minor Lift Station Mods / Hurricane Irma

Funding Charge Code 4499-56302-6703 - 56302 | 4412-56302-3103-56302

Award to Hinterland Group, Inc.

Award Amount \$119,490.00

ST JOHNS COUNTY
JAN 16 '18
PURCHASING

**ST. JOHNS COUNTY
BID TABULATION**

LD
BM

BID TITLE Sand Dollar Lift Station Repair

ANY BIDDER AFFECTED ADVERSELY BY AN INTENDED
DECISION WITH RESPECT TO THE AWARD OF ANY BID,
SHALL FILE WITH THE PURCHASING DEPARTMENT FOR
ST. JOHNS COUNTY, A WRITTEN NOTICE OF INTENT

OPENED BY LEIGH DANIELS

TABULATED BY BRYAN MATUS

VERIFIED BY _____

BID NUMBER 18-28

OPENING DATE/TIME January 10, 2018 2:00 PM

FILE A PROTEST NOT LATER THAN SEVENTY-TWO (72)
HOURS (EXCLUDING SATURDAY, SUNDAY AND LEGAL
HOLIDAYS) AFTER THE POSTING OF THE BID TABULATION
PROTEST PROCEDURES MAY BE OBTAINED IN THE
PURCHASING DEPARTMENT.

PAGE (S) 1 of 1

POSTING DATE/TIME FROM 01/10/18 UNTIL 01/16/18
3:00 PM 3:00 PM

BIDDERS	BASE BID #1 TOTAL LUMP SUM PRICE	BASE BID #2 LUMP SUM PRICE	BASE BID #3 LUMP SUM PRICE FPL ALLOWANCE	TOTAL LUMP SUM BID PRICE	BID BOND	ADDENDUM # 1	ADDENDUM # 2	
HINTERLAND GROUP INC.	\$67,230.00	\$50,760.00	\$1,500.00	\$119,490.00	YES	YES	YES	
US WATER SERVICES CORPORATION	\$88,275.00	\$44,925.00	\$1,500.00	\$134,700.00	YES	YES	YES	
G&H UNDERGROUND CONSTRUCTION, INC	\$68,550.00	\$73,150.00	\$1,500.00	\$143,200.00	YES	YES	YES	

BID AWARD DATE - _____

Bid Number: 8-28
Bid NAME: Sand Dollar Lift Station Repair



COPY

BID DUE - Tuesday January 10th, 2018 @ 2:00 PM

SUBMITTED TO:

St. Johns County Purchasing Department
500 San Sebastian View
St. Augustine, FL 32084
Bid No: 18-28
Sand Dollar Lift Station Repair



SUBMITTED BY: Hinterland Group, Inc.



992 West 15th Street

Riviera Beach, Florida 33404

(561) 640-3503

Email: info@hinterlandgroup.com



St. Johns County Board of County Commissioners

Purchasing Division

BID NO: 18-28

OFFICIAL COUNTY BID FORM
ST. JOHNS COUNTY, FLORIDA

PROJECT: Sand Dollar Lift Station Repair

TO: THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA

DATE SUBMITTED: 01/10/2018

BID PROPOSAL OF

Hinterland Group, Inc.
Full Legal Company Name
992 W 15th Street, Riviera Beach, FL 33404 561-640-3503 561-640-3504
Mailing Address Telephone Number Fax Number

Bidders: Having become familiar with requirements of the project, and having carefully examined the Bidding Documents and Specifications entitled for Bid No: 18-28 Sand Dollar Lift Station Repair in St. Johns County, Florida, the undersigned proposes to furnish all materials, labor and equipment, supervision and all other requirements necessary to comply with the Contract Documents to submit the following Bid Proposal summarized as follows:

BASE BID 1 LUMP SUM PRICE: (As per plans and specifications)

\$ 67,230.00
Base Bid 1 Lump Sum Price (Numerical)

Sixty-Seven Two Hundred Thirty and /100 Dollars
Base Bid 1 Lump Sum Price (Amount written or typed in words)

BASE BID 2 LUMP SUM PRICE: (As per plans and specifications)

\$ 50,760.00
Base Bid 2 Lump Sum Price (Numerical)

Fifty Thousand Seven Hundred Sixty and /100 Dollars
Base Bid 2 Lump Sum Price (Amount written or typed in words)

BASE BID 3 LUMP SUM PRICE: (FP&L Allowance)

\$ 1,500.00
Base Bid 3 Lump Sum Price (Numerical)

One Thousand Five Hundred Dollars /100 Dollars
Base Bid 3 Lump Sum Price (Amount written or typed in words)

TOTAL LUMP SUM BID PRICE: (Base Bid 1 + Base Bid 2 + Base Bid 3) (As per plans and specifications)

\$ 119,490.00
Total Lump Sum Price (Numerical)

One Hundred Nineteen Thousand Four Hundred Ninety and /100 Dollars
Total Lump Sum Price (Amount written or typed in words)

Bidder shall insert the Total Lump Sum Bid Price in numerals and in words. Any discrepancy between the two submitted amounts shall be determined by the amount written in words.

One Hundred Nineteen Thousand Four Hundred Ninety and /100 Dollars
Total Lump Sum Price (Amount written or typed in words)

Bidder shall insert the Total Lump Sum Bid Price in numerals and in words. Any discrepancy between the two submitted amounts shall be determined by the amount written in words.

During the preparation of the Bid, the following addenda, if any, were received:

No.: 1 Date Received: 12/19/2017

No.: 2 Date Received: 12/22/2017

No.: _____ Date Received: _____

We, the undersigned, hereby declare that no person or persons, firm or corporation, other than the undersigned are interested, in this proposal, as principals, and that this proposal is made without collusion with any person, firm or corporation, and we have carefully and to our satisfaction examined the Bid Documents and Project Specifications.

We have made a full examination of the location of the proposed work and the sources of supply of materials, and we hereby agree to furnish all necessary labor, equipment and materials, fully understanding that any quantities shown therewith are approximate only, and that we will fully complete all requirements therein as prepared by the Owner, within the same time limit specified in the Bid Documents as indicated above.

If the Undersigned is notified of the acceptance of this Bid Proposal by the Board within ninety (90) calendar days for the time set for the opening of Bids, the Undersigned further agrees, to execute a contract for the above work within ten (10) days after notice that his Bid has been accepted for the above stated compensation in the form of a Contract presented by the Owner.

The Undersigned further agrees that security in the form of a Bid Bond, certified or cashier's check in the amount of not less than five percent (5%) of Total Lump Sum Bid Price, payable to the Owner, accompanies this Bid; that the amount is not to be construed as a penalty, but as liquidated damages which said Owner will sustain by failure of the Undersigned to execute and deliver the Contract and Bond within ten (10) days of the written notification of the Award of the Contract to him; thereupon, the security shall become the property of the Owner, but if this Bid is not accepted within ninety (90) days of the time set for the submission of Bids, or if the Undersigned delivers the executed Contract upon receipt, the Security shall be returned to the Bidder within seven (7) working days.

CORPORATE/COMPANY

Full Legal Company Name: Hinterland Group, Inc. (Seal)

By: [Signature] Daniel Duke, III- President
Signature of Authorized Representative (Name & Title typed or printed)

By: [Signature] Daniel Duke, III- President
Signature of Authorized Representative (Name & Title typed or printed)

Address: 992 W. 15th Street, Riviera Beach, Fl. 33404
Telephone No.: (561) 640-3503 Fax No.: (561) 640-3504

Email Address for Authorized Company Representative: info@hinterlandgroup.com
Federal I.D. Tax Number: 205156844 DUNS #: _____
(If applicable)

INDIVIDUAL

Name: _____
(Signature) (Name typed or printed) (Title)

Address: _____
Telephone No.: () _____ Fax No.: _____
Email Address: _____
Federal I.D. Tax Number: _____

- Submittal Requirements:
- ✓ Official County Unit Price Bid Form
 - ✓ Attachment "A" – St Johns County Board of County Commissioners Affidavit
 - ✓ Attachment "B" – Certificate as to Corporate Principal
 - ✓ Attachment "C" – License / Certification List
 - ✓ Attachment "D" – List of Proposed Sub-Contractors/Suppliers
 - ✓ Attachment "E" – Conflict of Interest Disclosure Form
 - ✓ Attachment "F" - Certificate of Compliance with Florida Trench Safety Act
 - ✓ Attachment "G" – Proof of Insurance
 - ✓ Attachment "H" – Experience of Bidder Form
 - ✓ Bid Bond Form
 - ✓ Fully Acknowledged Addenda Applicable to this bid

Official County Bid Form, Attachments "A", "B", "C", "D", "E", "F", "G", "H" and Bid Bond must be completed, along with a fully acknowledged copy of each Addendum applicable to this Bid and submitted with each copy of the Bid Proposal. One (1) original and two (2) copies of all required forms must be submitted.

BID NO.: 18-28

ATTACHMENT "A"

ST. JOHNS COUNTY, BOARD OF COUNTY COMMISSIONERS AFFIDAVIT

TO: ST. JOHNS COUNTY, BOARD OF COUNTY COMMISSIONERS,
ST. JOHNS COUNTY, ST. AUGUSTINE, FLORIDA.

At the time the proposal is submitted, the Bidder shall attach to his Bid a sworn statement.

This sworn statement shall be an affidavit in the following form, executed by an officer of the firm, association, or corporation submitting the proposal, and shall be sworn to before a person who is authorized by law to administer oaths.

STATE OF FLORIDA, COUNTY OF ST. JOHNS

Before me, the Undersigned authority, personally appeared Daniel Duke, III who being duly sworn, deposes and says he is President (Title) of the firm of Hinterland Group, Inc. Bidder submitting the attached proposal for the services covered by the bid documents for Bid No: 18-28; Sand Dollar Lift Station Repair, in St. Johns County, Florida.

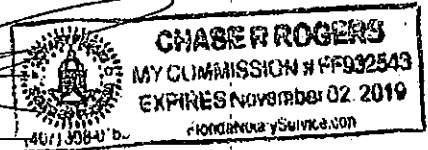
The affiant further states that no more that one proposal for the above-referenced project will be submitted from the individual, his firm or corporation under the same or different name, and that such Bidder has no financial interest in the firm of another bidder for the same work. That neither he, his firm, association nor corporation has either directly or indirectly entered into any agreement, participated in any collusion, nor otherwise taken any action in restraint of free competitive bidding in connection with this firm's Bid on the above-described project. Furthermore, neither the firm nor any of its officers are barred from participating in public contract lettings in the State of Florida or any other state.

Hinterland Group, Inc.
(Bidder)

By: Daniel Duke, III
President
(Title)

Sworn and subscribed to me this 9th day
of January, 20 18.

Notary Public:
Chase R Rogers
Signature
Printed



My commission Expires: 11/02/2019

BIDDER ON ALL COUNTY PROJECTS MUST EXECUTE AND ATTACH THIS AFFADAVIT TO EACH BID.

BID NO.: 18-28

ATTACHMENT "B"
CERTIFICATES AS TO CORPORATE PRINCIPAL

I, Jay Breig, certify that I am the Secretary of the Corporation named as Principal in the attached bond; that Daniel Duke, III- President who signed the said bond on behalf of the Principal, was then of said Corporation; that I know his signature, and his signature hereto is genuine; and that said bond was duly signed, sealed, and attested for and in behalf of said Corporation by authority of it's governing body.


Secretary

Corporate Seal

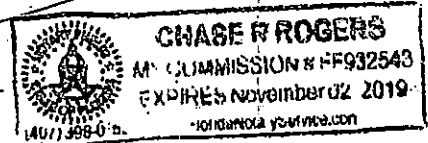
(STATE OF FLORIDA
COUNTY OF ST. JOHNS)

Before me, a Notary Public duly commissioned, qualified and acting, personally appeared to me well known, who being by me first duly sworn upon oath, says that he is the Attorney-In-Fact, for the and that he has been authorized by Hinterland Group, Inc. to execute the foregoing bond on behalf of the surety named therein in favor of St. Johns County, Florida.

Subscribed and sworn to me this 9th day of January, 20 18, A.D.

NOTARY PUBLIC
State of Florida-at-large

My Commission Expires: 11/02/2019



(Attach Power of Attorney to original Bid Bond and Financial Statement of Surety Company)

BID NO.: 18-28

ATTACHMENT "D"
LIST OF PROPOSED SUBCONTRACTORS/SUPPLIER LIST

All subcontractors and major materials suppliers are subject to approval of Owner. The following are subcontractors and manufacturers of materials and/or equipment that are proposed to be utilized by the Contractor in the performance of this work:

Company Name	Division/Discipline	Primary Contact Name	Contact Number and Email Address
To Be Determined			

BID NO.: 18-28

ATTACHMENT "E"

**St. Johns County Board of County Commissioners
Conflict of Interest Disclosure Form**

Project (RFQ, RFP, BID) Number/Description: Bid No 18-28: Sand Dollar Lift Station Repair

The term "conflict of interest" refers to situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting a consultant's/contractor's professional judgment in completing work for the benefit of St. Johns County ("County"). The bias such conflicts could conceivably impart may inappropriately affect the goals, processes, methods of analysis or outcomes desired by the County.

Consultants/Contractors are expected to safeguard their ability to make objective, fair, and impartial decisions when performing work for the benefit of the County. Consultants/Contractors, therefore must there avoid situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting the consultant's/contractor's professional judgement when completing work for the benefit of the County.

The mere appearance of a conflict may be as serious and potentially damaging as an actual distortion of goals, processes, methods of analysis or outcomes. Reports of conflicts based upon appearances can undermine public trust in ways that may not be adequately restored even when the mitigating facts of a situation are brought to light. Apparent conflicts, therefore, should be disclosed and evaluated with the same vigor as actual conflicts.

It is expressly understood that failure to disclose conflicts of interest as described herein may result in immediate disqualification from evaluation or immediate termination from work for the County.

Please check the appropriate statement:



I hereby attest that the undersigned Respondent has no actual or potential conflict of interest due to any other clients, contracts, or property interests for completing work on the above referenced project.



The undersigned Respondent, by attachment to this form, submits information which may be a potential conflict of interest due to other clients, contracts or property interests for completing work on the above referenced project.

Legal Name of Respondent:

Daniel Amos Duke, III

Authorized Representative(s) :


Signature

Daniel Amos Duke, III- President

Print Name/Title

Signature

Print Name/Title

BID NO.: 18-28

ATTACHMENT "F"

CERTIFICATE OF COMPLIANCE WITH FLORIDA TRENCH SAFETY ACT

Bidder acknowledges that he is solely responsible for complying with the Florida Trench Safety Act (ACT) and Occupational Safety and Health Administrations excavation safety standard 29 CFR 1926.650 (Subpart P as amended) and the St. Johns County Trenching and Excavation Safety Program. If there is a conflict between the ACT and the St. Johns County Trenching and Excavation Safety Program, the more stringent requirement would apply. Bidder further acknowledges that included in the various items of the proposal and in the Total Bid Price are costs for complying with the Florida Trench Safety Act (90-96, Laws of Florida) effective October 1, 1990 and the Occupational Safety and Health Administrations excavation safety standard.

By: Daniel Duke, III- President

Hinterland Group, Inc.
Bidder

1/9/18
Date


Authorized Signature

BID NO.: 18-28

ATTACHMENT "G"

CERTIFICATE OF INSURANCE

INSERT CERTIFICATE OF INSURANCE HERE

BID NO.: 18-28

ATTACHMENT "H"

EXPERIENCE OF BIDDER

Bidder acknowledges that he is fully licensed to perform work in the STATE OF FLORIDA.

The Bidder shall provide the following information regarding experience within the past five (5) years of this solicitation. Bidder must demonstrate the successful completion of three (3) projects of similar complexity, nature, size, and dollar amount of project. Signing below authorizes St. Johns County personnel to contact and verify references.

Any material misrepresentation, as determined by the County, shall result in disqualification.

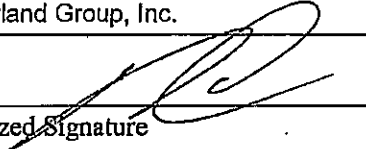
By: Hinterland Group, Inc.

01/09/2018

Bidder

Date

Authorized Signature



DATE OF CONTRACT	CLIENT'S NAME, ADDRESS, PHONE AND EMAIL	CONTRACT AMOUNT	PROJECT AND LOCATION
Please see the	attached Qualification & Certification	Package with our	Company Resume

Do you have any similar work in progress at this time? Yes No

Length of time in business: 11+ Years

Is your company currently involved in any active litigation? No If Yes, explain: _____

Has your company ever been sued? No If Yes, explain and/or submit court decision or judgment, as applicable: _____

BID NO.: 18-28

BID BOND

STATE OF FLORIDA
COUNTY OF ST. JOHNS

KNOW ALL MEN BY THESE PRESENTS, that Hinterland Group, Inc. as Principal, and as * Surety, are held and firmly bound unto St. Johns County, Florida, in the penal sum of Dollars (\$ 5% of amount bid) lawful money of the United States, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATIONS IS SUCH that whereas the Principal has submitted the accompanying Bid, dated _____, 20__.

* Berkley Insurance Company

For

SAND DOLLAR LIFT STATION REPAIR

St. Johns County, Florida

NOW THEREFORE,

- (a) If the Principal shall not withdraw said Bid within ninety (90) days after Bid Award date, and shall within ten (10) days after prescribed forms are presented to him for signature, enter into a written Contract with the County in accordance with the Bid as accepted, and give Bond with good and sufficient Surety or Sureties, as may be required, for the faithful performance and proper fulfillment of such Contract, then the above obligations shall be void and of no effect, otherwise to remain in full force and virtue.
- (b) In the event of the withdrawal of said Bid within the period specified, or the failure to enter into such Contract and give such Bond within the time specified, if the Principal shall pay the County the difference between the amount specified, in said Bid and the amount for which the County may procure the required Work and supplies, if the latter amount be in excess of the former, then the above obligations shall be void and of no effect, otherwise to remain in full force and virtue.

IN WITNESS WHEREOF, the above bounded parties have executed this instrument under their several seals, this day of 13 December A.D., 2017, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

BID NO.: 18-28

WITNESSES:

(If Sole Ownership or Partnership two (2) Witnesses required).
(If Corporation, Secretary only will attest and affix seal).

WITNESSES:

Hinterland Group, Inc.

PRINCIPAL:

NAME OF FIRM:

Daniel Duke III

SIGNATURE OF AUTHORIZED
OFFICER (AFFIX SEAL)

Daniel A. Duke, President

TITLE

992 W. 15th Street

BUSINESS ADDRESS

Riviera Beach

CITY

FL

STATE

Berkley Insurance Company

SURETY:

WITNESS:

CORPORATE SURETY

ATTORNEY-IN-FACT (AFFIX SEAL)

475 Steamboat Road

BUSINESS ADDRESS

Greenwich

CITY

CT

STATE

Wagner Bonding & Insurance, Inc.

NAME OF LOCAL INSURANCE AGENCY

POWER OF ATTORNEY
BERKLEY INSURANCE COMPANY
WILMINGTON, DELAWARE

NOTICE: The warning found elsewhere in this Power of Attorney affects the validity thereof. Please review carefully.

KNOW ALL MEN BY THESE PRESENTS, that BERKLEY INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Delaware, having its principal office in Greenwich, CT, has made, constituted and appointed, and does by these presents make, constitute and appoint: *Daniel F. Wagner of Wagner Bonding & Insurance, Inc. of Lakeland, FL* its true and lawful Attorney-in-Fact, to sign its name as surety only as delineated below and to execute, seal, acknowledge and deliver any and all bonds and undertakings, with the exception of Financial Guaranty Insurance, providing that no single obligation shall exceed Fifty Million and 00/100 U.S. Dollars (U.S.\$50,000,000.00), to the same extent as if such bonds had been duly executed and acknowledged by the regularly elected officers of the Company at its principal office in their own proper persons.

This Power of Attorney shall be construed and enforced in accordance with, and governed by, the laws of the State of Delaware, without giving effect to the principles of conflicts of laws thereof. This Power of Attorney is granted pursuant to the following resolutions which were duly and validly adopted at a meeting of the Board of Directors of the Company held on January 25, 2010:

RESOLVED, that, with respect to the Surety business written by Berkley Surety Group, the Chairman of the Board, Chief Executive Officer, President or any Vice President of the Company, in conjunction with the Secretary or any Assistant Secretary are hereby authorized to execute powers of attorney authorizing and qualifying the attorney-in-fact named therein to execute bonds, undertakings, recognizances, or other suretyship obligations on behalf of the Company, and to affix the corporate seal of the Company to powers of attorney executed pursuant hereto; and said officers may remove any such attorney-in-fact and revoke any power of attorney previously granted; and further

RESOLVED, that such power of attorney limits the acts of those named therein to the bonds, undertakings, recognizances, or other suretyship obligations specifically named therein, and they have no authority to bind the Company except in the manner and to the extent therein stated; and further

RESOLVED, that such power of attorney revokes all previous powers issued on behalf of the attorney-in-fact named; and further

RESOLVED, that the signature of any authorized officer and the seal of the Company may be affixed by facsimile to any power of attorney or certification thereof authorizing the execution and delivery of any bond, undertaking, recognizance, or other suretyship obligation of the Company; and such signature and seal when so used shall have the same force and effect as though manually affixed. The Company may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Company, notwithstanding the fact that they may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF, the Company has caused these presents to be signed and attested by its appropriate officers and its corporate seal hereunto affixed this 30th day of September, 2015.

Attest:

Berkley Insurance Company

(Seal)

By *Ira S. Lederman*
Ira S. Lederman
Senior Vice President & Secretary

By *Jeffrey M. Hafter*
Jeffrey M. Hafter
Senior Vice President

WARNING: THIS POWER INVALID IF NOT PRINTED ON BLUE "BERKLEY" SECURITY PAPER.

STATE OF CONNECTICUT)
) ss:
COUNTY OF FAIRFIELD)

Sworn to before me, a Notary Public in the State of Connecticut, this 30th day of September, 2015, by Ira S. Lederman and Jeffrey M. Hafter who are sworn to me to be the Senior Vice President and Secretary, and the Senior Vice President, respectively, of Berkley Insurance Company.

MARIA C. RUNDBAKEN
NOTARY PUBLIC
MY COMMISSION EXPIRES
APRIL 30, 2019

Maria C. Rundbaker
Notary Public, State of Connecticut

CERTIFICATE

I, the undersigned, Assistant Secretary of BERKLEY INSURANCE COMPANY, DO HEREBY CERTIFY that the foregoing is a true, correct and complete copy of the original Power of Attorney; that said Power of Attorney has not been revoked or rescinded and that the authority of the Attorney-in-Fact set forth therein, who executed the bond or undertaking to which this Power of Attorney is attached, is in full force and effect as of this date.

Given under my hand and seal of the Company, this 13 day of December, 2017.

(Seal)

Andrew M. Tuma
Andrew M. Tuma

WARNING - Any unauthorized reproduction or alteration of this document is prohibited. This power of attorney is void unless seals are readable and the certification seal at the bottom is embossed. The background imprint, warning and verification instructions (on reverse) must be in blue ink.

SPECIFICATIONS

BID NO: 18-28: SAND DOLLAR LIFT STATION REPAIR
MINIMUM SPECIFICATIONS, CONDITIONS & REQUIREMENTS

Scope of Work:

The contractor shall include furnishing all labor, materials, equipment and other items necessary to complete the improvements to the Sand Dollar 3&4 Lift Station located at 8050 A1A S, St Augustine, FL 32080 as specified herein. Upgrades and improvements shall generally include, but not be limited to the following:

Base Bid 1: Minimum required FEMA Related Work:

- Obtain required permits and coordination with FP&L.
- Set up temporary bypass pumping.
- Chemical grout injection to stop leaks and apply SJCUD approved protective liner in wetwell.
- Demolition of existing electrical rack and install new electrical rack per current SJCUD standards. The existing control panel shall be relocated to the new electrical rack. The contractor shall furnish and install a new aluminum equipment rack, conduits, aluminum meter can, 100-amp disconnect switch in SS enclosure, Rose-Bopla junction boxes, PVC-coated aluminum from wetwell to the junction boxes, wire pump and float leads, grounding grid, light pole and fixture, etc including services during start-up.
- Install an antenna, RTU, and all telemetry equipment (either existing or furnished by SJCUD) to the new electrical rack including wiring from the RTU to the control panel. SJCUD staff will assist with programming and start-up of the RTU once installed.

Base Bid 2: Additional Scope of Work:

- Demolition/removal of existing lift station piping and vault.
- Furnish and install new 3" Sch40 stainless steel piping, valves, 4" Sch40 stainless steel emergency suction pipe, quick-connect discharge connection, guide rails and all other SJCUD standard lift station components per SJCUD Standard Detail PS-3 (see 18-28 Sand Dollar 3 & 4 LS Bid Plans attached).

All work shall be bid and performed specifically in accordance with SJCUD standard details PS-3 and E-101 through E-104.

BID NO: 18-28 SAND DOLLAR LIFT STATION REPAIR

FEMA-PA REQUIRED PROVISIONS

This is an acknowledgement that FEMA financial assistance will be used to fund the contract only. The awarded Contractor will comply with all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives herein.

1. Energy Policy and Conservation Act

The awarded 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.

Reference 2 CFR 200 A II (h)

2. Compliance with the Copeland "Anti-Kickback" Act

A. Contractor. The awarded Contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into this contract.

B. Subcontracts. The awarded Contractor or subcontractor shall insert in any subcontracts the clause above and such other clauses as the FEMA may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.

C. Breach. A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a contractor and subcontractor as provided in 29 C.F.R. § 5.12.

Reference 2 CFR 200 A II (d)

3. Compliance with the Contract Work Hours and Safety Standards Act

A. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

B. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (A) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (A) of this section.

C. Withholding for unpaid wages and liquidated damages. The County shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (B) of this section.

D. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in

paragraph (A) through (D) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (A) through (D) of this section.

Reference 2 CFR 200 A II (e)

4. Rights to Inventions Made Under a Contract or Agreement

If the Federal award meets the definition of "funding agreement" under 37 CFR §401.2 (a) and the recipient or sub-recipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or sub-recipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

5. Clean Air Act:

- A. The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.
- B. The contractor agrees to report each violation to the County and understands and agrees that the County will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
- C. The contractor agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FEMA.

Reference 2 C.F.R. Part 200, Appendix II

6. Federal Water Pollution Control Act

- A. The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.
- B. The contractor agrees to report each violation to the County and understands and agrees that the County will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
- C. The contractor agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FEMA.

Reference 2 C.F.R. Part 200, Appendix II

7. Procurement of Recycled/Recovered Materials

- A. In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired:
 - 1) Competitively within a timeframe providing for compliance with the contract performance schedule;
 - 2) Meeting contract performance requirements; or
 - 3) At a reasonable price.
- B. Information about this requirement is available at EPA's Comprehensive Procurement Guidelines website, <http://www.epa.gov/cpg/>. The list of EPA-designate items is available at <http://www.epa.gov/cpg/products.htm>.

Reference 2 C.F.R. § 200.322

8. Compliance with Federal Law, Regulations, and Executive Orders

This is an acknowledgement that FEMA financial assistance will be used to fund the contract only. The contractor will comply will all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.

Reference Financial Services and General Government Appropriations Act, 2015, Pub. L. No. 113-83, Division E, § 724 (2015); DHS Standard Terms and Conditions, v 3.0, II (Dec. 4, 2013).

9. No Obligation by Federal Government

The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract.

10. Program Fraud and False or Fraudulent Statements or Related Acts

The contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the contractor's actions pertaining to this contract.

Reference 31 U.S.C. §§ 3729-3733

11. Non-Segregated Facilities

The Contractor and each subcontractor shall comply with the Certification of Non-segregated Facilities supplied in these Contract Documents and this Certification shall be a part of the Contract Documents. By submission of a RFP, the Bidder and all subcontractors certify that they have familiarized themselves with the certification and that they will comply with the requirements set forth in the Certification.

12. Americans with Disabilities Act of 1990 (ADA)

The Contractor shall ensure compliance with all requirements imposed by ADA, and regulations of the federal government issued there under.

Reference DHS Standard Terms and Conditions, v 3.0, V (Dec. 4, 2013); Standard Form 424D, 10.

13. Equal Opportunity

All eligible businesses, including Small Local Business Enterprises (SLBEs) Disadvantaged Business Enterprises (DBEs) and Women/Minority Business Enterprises (WMBEs) shall be afforded a full opportunity to participate in any award made by the County pursuant to this Request for Proposals and will not be subjected to discrimination on the basis of race, color, sex, or national origin.

The County prohibits any awarded firm awarded a contract, to discriminate on the basis of race, color, religion, sex, national origin, age, or physical handicap.

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.

Reference 2 CFR 200.321

14. Sub-Contractors

If the awarded Contractor elects to sub-contract with any firm, for any portion of the work, the Contractor shall be responsible for all work performed by any sub-contract and the Contractor shall not be relieved of any obligations under the awarded Contract.

At any time, the County may, at its discretion, require any Respondent to submit all relevant data required to establish to the satisfaction of the County, the reliability and responsibility of the proposed sub-contractors to furnish and perform the work proposed.

Prior to the award of the Contract, the County will notify the Respondent in writing if the County, after due investigation, has reasonable and substantial objection to any person or organization proposed as a sub-contract. The Respondent then may, at his option, withdraw his RFP Package, or submit an acceptable alternate sub-contractor, at no increase in pricing. If the Respondent fails to submit an acceptable substitute within seven (7) days of the original notification, the County then may disqualify the Respondent from further consideration of award under this RFP.

The County reserves the right to disqualify any Contractor, Sub-Contractor, Vendor, or material supplier due to previously documented project problems, either with performance or quality.

Sub-contractors and other persons and organizations proposed by the Respondent and accepted by the County, must be used on the work for which they were proposed and accepted and shall not be changed except with the written approval of the County.

The awarded contractor shall take the following affirmative steps to ensure minority business, women's business enterprises and labor surplus area firms are used when possible:

- A. Placing qualified small and minority businesses and women's business enterprises on solicitation lists.
- B. Ensuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources.
- C. 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.
- D. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises.
- E. Using the services and assistance of the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.
- F. Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs (A) through (E) of this section.

Reference 2 CFR 200.321(b)(6)

15. Byrd Anti-Lobbying Amendment

Byrd Anti-Lobbying Amendment, 31 U.S.C. 1352, as amended by the Lobbying Disclosure Act of 1995, P.L. 104-65 [to be codified at 2 U.S.C. § 1601, et seq.] - Contractors who apply or bid for an award of \$100,000 or more shall file the certification required by 49 CFR part 20, "New Restrictions on Lobbying." Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier shall also disclose the name of any registrant under the Lobbying Disclosure Act of 1995 who has made lobbying contacts on its behalf with non-Federal funds with respect to that Federal contract, grant or award covered by 31 U.S.C. 1352. Such disclosures are forwarded from tier to tier up to the recipient.

Reference 2 CFR 200 A II (j)

16. Suspension and Debarment

- A. This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the contractor is required to verify that none of the contractor, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
- B. The contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- C. This certification is a material representation of fact relied upon by (insert name of sub grantee). If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to (name of state agency serving as grantee and name of sub grantee), the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

Reference Chapter IV, 6.d and 12.a.ix; 2 C.F.R. Part 200, Appendix II, I; DHS Standard Terms and Conditions, v 3.0, X (Dec. 4, 2013)



St. Johns County Board of County Commissioners

Purchasing Division

ADDENDUM #1

December 19, 2017

To: Prospective Bidders
From: St. Johns County Purchasing Department
Subject: Bid No. 18-28, Sand Dollar Lift Station Repair

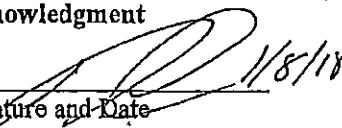
This Addendum #1 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid proposal that he/she has received all Addenda, and return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, 500 San Sebastian View; St. Augustine, FL 32084.

Addition:

Attached are the updated plans for St. Johns County Lift Station to be used for the Sand Dollar Lift Station Repairs

THE BID DUE DATE REMAINS WEDNESDAY, JANUARY 10, 2018 AT 2:00 P.M.

Acknowledgment


Signature and Date


Daniel Duke, III - President

Printed Name/Title

Hinterland Group, Inc.

Company Name (Print)

Sincerely,


Robert Quinney
Procurement Coordinator

END OF ADDENDUM NO: 1

Five (5) pages follow



St. Johns County Board of County Commissioners

Purchasing Division

December 22, 2017

ADDENDUM #2

To: Prospective Bidders
From: St. Johns County Purchasing Department

Subject: Bid No. 18-28, Sand Dollar Lift Station Repairs

This Addendum #2 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a proposal that he/she has received all Addenda. Please return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, 500 San Sebastian View; St. Augustine, FL 32084.

Questions:

1. Sheet #1, Notes 7, 8, and 9 indicate installation of a lightning arrester, surge suppresser and audible alarm by the system supplier. Is this furnished by SJCUD or the Contractor?
Clarification is needed because we are re-using the existing control panel, usually these items would be supplied by the control panel contractor.

Answer: SJCUD will make any modifications necessary and furnish the control panel.

2. Could you please let us know what size hatch does the pump manufacture recommend?

Answer: The existing hatch is smaller than the recommended size for the Flygt CP3127 pumps, however this is due to the existing 4-ft diameter wet-well. The existing hatch size has a 36"x30" clear opening. A slightly larger opening is preferred for more clearance, but may not be feasible with the wet-well size and piping configuration. The centerline offset between the submersible pumps must be maintained at 18" of separation.

Clarifications:

1. Please refer to the revised Bid Form, which includes an FPL Allowance of \$1,500 for a new riser and hand hole, if required.
2. SJCUD will furnish a new RTU to be mounted to the new electrical equipment rack by the electrical subcontractor. The Contractor shall subcontract with an approved SCADA vendor to furnish and install all other materials required (i.e. antenna, mast, coax cable, signal wiring, etc.)

with the exception of the water and force main pressure transmitters, which are not required. SJCUD staff will perform programming and start-up once the field installation is complete.

THE BID DUE DATE REMAINS January 10, 2018 AT 2:00 P.M.

Acknowledgment

Sincerely,


Signature and Date

Bob Quinney
Procurement & Contracts Coordinator

Daniel Duke, III - President
Printed Name/Title

Hinterland Group, Inc.
Company Name (Print)

END OF ADDENDUM NO. 2

2 Pages follow

Locations: Palm Beach – Cocoa – Palm City

COMPANY QUALIFICATION & CERTIFICATION PACKAGE



WWW.HINTERLANDGROUP.COM

CORPORATE OFFICE:

992 West 15th Street, Riviera Beach, FL 33404

561-640-3403 PH

561-640-3504 FX



INFO@HINTERLANDGROUP.COM

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
01/27/2017

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

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

PRODUCER South Shore Insurance Inc. 901 SW Martin Downs Blvd Palm City FL 34990	CONTACT NAME: Jennie Duke PHONE (A/C. No., Ext.): (772) 426-9973 FAX (A/C. No.): (772) 221-1960 E-MAIL ADDRESS: jennie@southshore-insurance.com											
	INSURER(S) AFFORDING COVERAGE											
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">INSURER A: United States Fire Insurance Company</td> <td style="width: 20%;">NAIC # 21113</td> </tr> <tr> <td>INSURER B: North River Insurance Company</td> <td>21105</td> </tr> <tr> <td>INSURER C: AGCS Marine Insurance Company</td> <td>22837</td> </tr> <tr> <td>INSURER D:</td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> </tr> </table>	INSURER A: United States Fire Insurance Company	NAIC # 21113	INSURER B: North River Insurance Company	21105	INSURER C: AGCS Marine Insurance Company	22837	INSURER D:		INSURER E:		INSURER F:
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INSURER D:												
INSURER E:												
INSURER F:												

INSURED Hinterland Group Inc. 992 W. 15th Street Riviera Beach, FL 33404	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> XCU Coverage Included GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	Y	Y	543-998915-1	01/31/2017	01/31/2018	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea. occurrence) \$ 50,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMPI/OP AGG \$ 2,000,000
	AUTOMOBILE LIABILITY						
	<input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	Y	Y	133-740178-2	01/31/2017	01/31/2018	COMBINED SINGLE LIMIT (Ea. accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$
	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			5821069842	01/31/2017	01/31/2018	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	408-730540-5	01/31/2017	01/31/2018	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
	C Inland Marine						
C				MZI93075677	01/31/2017	01/31/2018	Rented/Leased Equi \$ 300,000

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

Should any of the above policies be cancelled before the expiration date thereof, the issuing insurer will endeavor to mail 30 days written notice to the certificate holder named to the left, but failure to do so shall impose no obligation or liability of any kind upon the insurer, its agents or representatives.

Certificate holder is listed as an additional insured only if required by written contract/agreement with the insured executed prior to accident or loss.

A Waiver of Subrogation is provided only if required by written contract/agreement with the insured executed prior to accident or loss.

CERTIFICATE HOLDER **CANCELLATION**

<p style="text-align: center; margin: 0;">FOR BIDDING PURPOSES ONLY</p>	<p style="text-align: center; margin: 0;">SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.</p> <p style="text-align: center; margin: 0;"> AUTHORIZED REPRESENTATIVE <JND> </p>
-------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

WAGNER BONDING
&
INSURANCE, INC.

October 10, 2017

Re; Hinterland Group, Inc.

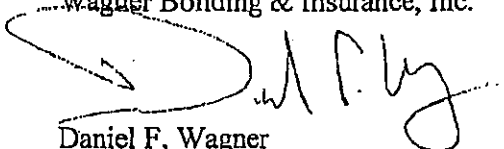
To whom it may concern,

We are the bonding agent for Hinterland Group, Inc. . They are bonded by Berkley Insurance Company , an "AXV" rated surety in the AM Best Guide. Hinterland Group, Inc. has an excellent reputation in the community and we have not had a problem on any bonded work. While each project is approved on its own merits, Hinterland Group, Inc. has the ability to bond single projects in excess of \$10,000,000 with an aggregate limit of \$25,000,000. Currently Hinterland Group, Inc. has over \$16,000,000 bonding available.

We welcome the opportunity to execute the necessary bonds provided they meet the current underwriting guidelines and the provisions are acceptable to both Hinterland Group, Inc. and Berkley Insurance Company .

Should you have any questions or concerns, please do not hesitate to call.

Sincerely,
Wagner Bonding & Insurance, Inc.



Daniel F. Wagner
Resident Florida Licensed Agent
Attorney-In-Fact

P.O. Box 91147 Lakeland, FL. 33804
Phone 863-859-9823
Fax 863-815-1864

State of Florida

Department of State

I certify from the records of this office that HINTERLAND GROUP INC. is a corporation organized under the laws of the State of Florida, filed on June 26, 2006.

The document number of this corporation is P06000086423.

I further certify that said corporation has paid all fees due this office through December 31, 2017, that its most recent annual report/uniform business report was filed on April 12, 2017, and that its status is active.

I further certify that said corporation has not filed Articles of Dissolution.

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the First day of August, 2017*



Ken Ditzner
Secretary of State

Tracking Number: CU8192945427

To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

<https://services.sunbiz.org/Filings/CertificateOfStatus/CertificateAuthentication>



Department of State / Division of Corporations / Search Records / Detail By Document Number /

Detail by Entity Name

Florida Profit Corporation
HINTERLAND GROUP INC.

Filing Information

Document Number	P06000086423
FBI/EIN Number	20-5156844
Date Filed	06/26/2006
State	FL
Status	ACTIVE

Principal Address

992 W. 15TH STREET
RIVIERA BEACH, FL 33404

Changed: 11/20/2015

Mailing Address

992 W. 15TH STREET
RIVIERA BEACH, FL 33404

Changed: 11/20/2015

Registered Agent Name & Address

DUKE, DANIEL A, III
992 W. 15TH STREET
RIVIERA BEACH, FL 33404

Name Changed: 04/09/2013

Address Changed: 11/20/2015

Officer/Director Detail

Name & Address

Title PSTD

DUKE, DANIEL A, III
992 W. 15TH STREET
RIVIERA BEACH, FL 33404

Annual Reports

Report Year	Filed Date
2015	01/23/2015

2016 01/28/2016
 2017 04/12/2017

Document Images

04/12/2017 - ANNUAL REPORT	View Image in PDF format
01/29/2016 - ANNUAL REPORT	View Image in PDF format
11/20/2016 - Reg. Agent Change	View Image in PDF format
01/20/2016 - ANNUAL REPORT	View Image in PDF format
01/10/2014 - ANNUAL REPORT	View Image in PDF format
04/11/2013 - ANNUAL REPORT	View Image in PDF format
04/09/2013 - Reg. Agent Change	View Image in PDF format
04/10/2012 - ANNUAL REPORT	View Image in PDF format
02/17/2011 - ANNUAL REPORT	View Image in PDF format
02/19/2010 - ANNUAL REPORT	View Image in PDF format
04/18/2009 - ANNUAL REPORT	View Image in PDF format
01/20/2008 - ANNUAL REPORT	View Image in PDF format
01/09/2007 - ANNUAL REPORT	View Image in PDF format
06/28/2006 - Domestic Profit	View Image in PDF format

Florida Department of State, Division of Corporations



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

CONSTRUCTION INDUSTRY LICENSING BOARD
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783

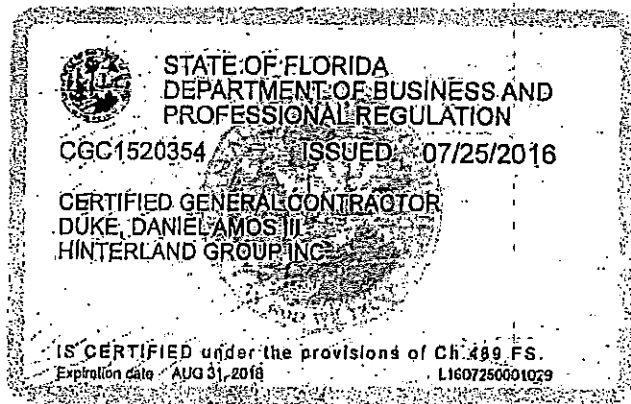
(850) 487-1395

DUKE, DANIEL AMOS III
HINTERLAND GROUP INC
992 W 15TH STREET
RIVIERA BEACH FL 33404

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridallicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

LICENSE NUMBER
CGC1520354

The GENERAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018

DUKE, DANIEL AMOS III
HINTERLAND GROUP INC
992 W 15TH STREET
RIVIERA BEACH FL 33404





**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION**

**CONSTRUCTION INDUSTRY LICENSING BOARD
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783**

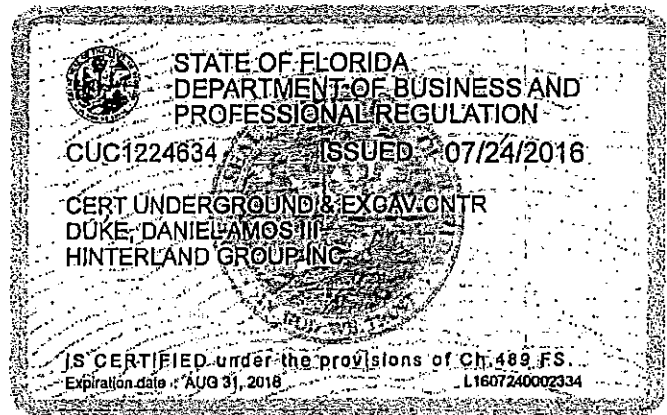
(850) 487-1395

**DUKE, DANIEL AMOS III
HINTERLAND GROUP INC
992 W 15TH STREET
RIVIERA BEACH FL 33404**

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



DETACH HERE

RICK SCOTT, GOVERNOR

KEN LAWSON, SECRETARY

**STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD**

LICENSE NUMBER

CUC1224634

The UNDERGROUND UTILITY & EXCAVATION CO
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018

**DUKE, DANIEL AMOS III
HINTERLAND GROUP INC
992 W 15TH STREET
RIVIERA BEACH FL 33404**



ISSUED: 07/24/2016

DISPLAY AS REQUIRED BY LAW

SEQ # L1607240002334



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION

ELECTRICAL CONTRACTORS LICENSING BOARD
2601 BLAIR STONE ROAD
TALLAHASSEE FL 32399-0783

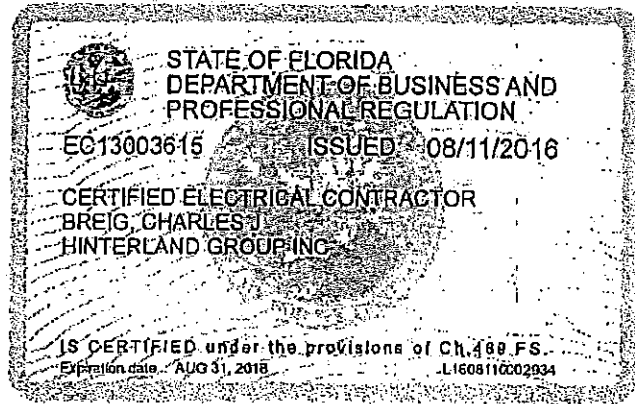
(850) 487-1395

BREIG, CHARLES J
HINTERLAND GROUP INC
5580 SR 524
COCOA FL 32926

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbeque restaurants, and they keep Florida's economy strong.

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DETACH HERE

RICK SCOTT, GOVERNOR


KEN LAWSON, SECRETARY


STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
ELECTRICAL CONTRACTORS LICENSING BOARD

LICENSE NUMBER	EC13003615
-----------------------	------------

The ELECTRICAL CONTRACTOR
Named below IS CERTIFIED
Under the provisions of Chapter 489 FS.
Expiration date: AUG 31, 2018

BREIG, CHARLES J
HINTERLAND GROUP INC
7161 NW 74TH STREET
MEDLEY FL 33166





ISSUED: 08/11/2016 DISPLAY AS REQUIRED BY LAW SEQ # L1608110002934



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

MIKE DEW
SECRETARY

June 20, 2017

HINTERLAND GROUP, INC
992 W 15TH ST
RIVIERA BEACH FL 33404

RE: CERTIFICATE OF QUALIFICATION

Dear Sir/Madam:

The Department of Transportation has qualified your company for the type of work indicated below. Unless your company is notified otherwise, this Certificate of Qualification will expire 6/30/2018. However, the new application is due 4/30/2018.

In accordance with §.337.14 (1) F.S. your next application must be filed within (4) months of the ending date of the applicant's audited annual financial statements.

If your company's maximum capacity has been revised, you can access it by logging into the Contractor Prequalification Application System via the following link:
<HTTPS://fdotwp1.dot.state.fl.us/ContractorPreQualification/>

Once logged in, select "View" for the most recently approved application, and then click the "Manage" and "Application Summary" tabs.

FDOT APPROVED WORK CLASSES:

DRAINAGE, ELECTRICAL WORK, Water & Wastewater, Manhole Rehabilitation, Lift Stations, Pipe Lining & Pipe Desilting.

You may apply for a Revised Certificate of Qualification at any time prior to the expiration date of this certificate according to Section 14-22.0041(3), Florida Administrative Code (F.A.C.), by accessing your most recently approved application as shown above and choosing "Update" instead of "View." If certification in additional classes of work is desired, documentation is needed to show that your company has done such work with your own forces and equipment or that experience was gained with another contractor and that you have the necessary equipment for each additional class of work requested.

All prequalified contractors are required by Section 14-22.006(3), F.A.C., to certify their work underway monthly in order to adjust maximum bidding capacity to available bidding capacity. You can find the link to this report at the website shown above.

Sincerely,

Alan Autry, Manager
Contracts Administration Office

AA:cj

Vendor Number: F205156844002
Application Status: COMPLETED

Name: HINTERLAND GROUP, INC
Fiscal Year End Date: 12/31/2016

Application Due Date: 4/30/2017

NOTE: The Capacity shown below will be reduced by your Work Underway to determine your Available Bidding Capacity.

Adjusted Current Ratio:

Ability Score:

Ability Factor:

Adjusted Net Worth:

Surety Multiplier:

Calculated Maximum Bid Capacity:

0

\$ 42,400,000.00

Corporate Resume

DANIEL A. DUKE, III

President • June, 2006 – Present

- Over 12 years in direct development of multiple land use projects throughout Florida, currently holds Florida General Contractors License (CGC1520354), Certified Underground and Excavation Contractors License (CUC1224634), and Florida Certified Builders Contractors License (CBC1255077). Oversees daily operations and provides direct support to all personnel.

DANIEL A. DUKE, JR.

Operations • June, 2006 – Present

- Twenty-Seven years direct experience including various wastewater lift station installations, gravity and force main sewer installations. Direct daily supervision of superintendents and skilled labor, management of project schedules, asset management and logistics for entire company personnel and equipment fleet.

CHARLIE BREIG

Electrical Contractor • June, 2006 – Present

- Over 40 years of commercial electrical experience through out Florida, currently holds Florida Electrical Contractors License (EC13003615)

JAY B. BREIG

Project Manager/Operations • May, 2008 – Present

- Twelve years experience in the rehabilitation and installation of wastewater structures, gravity and force main pipe installations. Conducts daily labor briefings, safety meetings and coordinates daily labor for successful project completion. Regularly conducts project briefings with project managers and inside support personnel.

CHASE R. ROGERS, E.I.

Estimating Manager/Engineer • May, 2008 – Present

- Degree in Civil Engineering and over 9 years experience in the rehabilitation and installation of sanitary sewer structures. Six plus years of experience working as an electrician at WWTP. Responsible for project procurement, estimating and scheduling coordination.

EVELIO MILLARES

Electrical Project Manager • September, 2015 – Present

- Over 35 years total electrical experience, currently holds Florida Certified Electrical Contractors License (EC13005750) Electrical estimations, purchasing and on-site supervision

BRETT KONCHAK

CIPP Project Manager • February, 2015 – Present

- Over 5 years in direct development of multiple land use projects in Florida, including various gravity and force main CIPP sanitary and storm sewer installations. Direct daily supervision of CIPP project scheduling, superintendents and skilled labor.

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ANNE M. GANNON
 CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County
Serving you.

P.O. Box 3353, West Palm Beach, FL 33402-3353
 www.pbctax.com Tel: (561) 355-2264

****LOCATED AT****
 992 W 15TH ST
 RIVIERA BEACH, FL 33404

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
23-0051 GENERAL CONTRACTOR	DUKE DANIEL AMOS III	CGC1520354	U17.810838 - 07/14/17	\$99.00	B40172822

This document is valid only when received by the Tax Collector's Office.

B1 - 178

HINTERLAND GROUP INC
 HINTERLAND GROUP INC
 992 W 15TH ST
 RIVIERA BEACH, FL 33404
 |||||

STATE OF FLORIDA
 PALM BEACH COUNTY
 2017/2018 LOCAL BUSINESS TAX RECEIPT

LBTR Number: 2015082364
EXPIRES: SEPTEMBER 30, 2018

This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and MUST be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.



ANNE M. GANNON
 CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County
Serving you.

P.O. Box 3353, West Palm Beach, FL 33402-3353
 www.pbctax.com Tel: (561) 355-2264

****LOCATED AT****
 992 W 15TH ST
 RIVIERA BEACH, FL 33404

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
23-0097 UNDERGROUND UTILITY & EXCAVATION	DUKE DANIEL AMOS III	CUC1224634	U17.810638 - 07/14/17	\$27.50	B40148559

This document is valid only when received by the Tax Collector's Office.

B2 - 177

HINTERLAND GROUP INC
 HINTERLAND GROUP INC
 992 W 15TH ST
 RIVIERA BEACH, FL 33404
 |||||

STATE OF FLORIDA
 PALM BEACH COUNTY
 2017/2018 LOCAL BUSINESS TAX RECEIPT

LBTR Number: 201139576
EXPIRES: SEPTEMBER 30, 2018

This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and MUST be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.



ANNE M. GANNON
 CONSTITUTIONAL TAX COLLECTOR
Serving Palm Beach County
Serving you.

P.O. Box 3353, West Palm Beach, FL 33402-3353
 www.pbctax.com Tel: (561) 355-2264

****LOCATED AT****
 992 W 15TH ST
 RIVIERA BEACH, FL 33404

TYPE OF BUSINESS	OWNER	CERTIFICATION #	RECEIPT #/DATE PAID	AMT PAID	BILL #
23-0169 ELECTRICAL CONTRACTOR	BREIG CHARLES J	EC13003616	U17.810838 - 07/14/17	\$99.00	B40172823

This document is valid only when received by the Tax Collector's Office.

B3 - 177

HINTERLAND GROUP INC
 HINTERLAND GROUP INC
 992 W 15TH ST
 RIVIERA BEACH, FL 33404
 |||||

STATE OF FLORIDA
 PALM BEACH COUNTY
 2017/2018 LOCAL BUSINESS TAX RECEIPT

LBTR Number: 2015082363
EXPIRES: SEPTEMBER 30, 2018

This receipt grants the privilege of engaging in or managing any business profession or occupation within its jurisdiction and MUST be conspicuously displayed at the place of business and in such a manner as to be open to the view of the public.

2017 - 2018

BREVARD COUNTY BUSINESS TAX RECEIPT
SUBJECT TO COUNTY ZONING RESTRICTIONS
TAX RECEIPT SHOULD BE DISPLAYED ON PREMISES

ACCOUNT NO.
885045359

THE PERSON(S), OR ENTITY BELOW:
HINTERLAND GROUP INC
5580 STATE ROAD 524
COCOA, FL 32926

BUSINESS PERIOD: October 01, 2017 - September 30, 2018
EXPIRES: SEPTEMBER 30, 2018

ISSUED PURSUANT AND SUBJECT TO FLORIDA STATUTES AND BREVARD COUNTY CODE ISSUANCE
DOES NOT CERTIFY COMPLIANCE WITH ZONING OR OTHER LAWS.
BUSINESS TAX RECEIPT IS SUBJECT TO REVOCATION FOR ZONING VIOLATIONS, AND / OR FAILURE
TO MAINTAIN REGULATORY PRE-REQUISITES AS REQUIRED FOR BUSINESS CLASSIFICATION(S), OR
SUBSEQUENT ACTIVITIES. NOTIFY TAX COLLECTOR UPON CLOSING OF BUSINESS.
A PERMIT IS REQUIRED TO ADVERTISE (including with signage) "GOING OUT OF BUSINESS".

LOCATION:
5580 HWY 524
CITY OF COCOA, FL 32926

LISA CULLEN, CFC, Brevard County Tax Collector
P O Box 2500, Titusville, Florida 32781-2500
(321) 264-6969 or (321) 633-2199

UPON A CHANGE OF OWNERSHIP OR LOCATION,
BUSINESS TAX RECEIPT SHOULD BE TRANSFERRED WITHIN 30 DAYS.

OWNED BY:
HINTERLAND GROUP INC

BUSINESS CLASSIFICATIONS, DISCLAIMERS, AND RELATED FEES:

EXEMPTIONS: 0.00

820005	RECEIPT AMT
590501	HAZ WASTE GEN. SURCHARGE
300050	BUILDING CONTR. -CERTIFIED
300750	UNDERGROUND UTILITY CONTR.



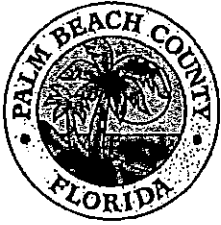
Receipt Fee	37.00
Hazardous Waste Fee	50.00
Zoning Application Fee	0.00
Building Occupancy Review Fee	0.00
Fire Prevention Fee	0.00
Late Penalty	0.00
NSF Fee	0.00
Transfer Fee	0.00

Paid 702-17-00000692 07/24/2017 87.00

MAIN OFFICE: 400 South St., 6th Floor, Titusville, FL 32780

BRANCH OFFICES:

- Merritt Island Office, 1605 N. Courtenay Pkwy
- Melbourne Office, 1515 Samo Road
- Palm Bay Office, 450 Cogan Dr. SE
- Titusville Office, 800 Park Ave.
- Indian Harbour Beach Office, 240 E. Eau Gallie Blvd.
- Viera Office, 2725 Judge Fran Jamleson Way, #A108, Viera, FL 32940



December 10, 2015

Daniel Duke III
Hinterland Group, Inc.
992 W. 15th Street
Riviera Beach, FL 33404

Dear Mr. Duke:

The Palm Beach County Office of Small Business Assistance has completed its review of the documents you submitted for recertification and is pleased to announce that your firm has been certified for: **91356 Construction, Utility/Underground Projects; 91438 Electrical; 91389 Maintenance and Repair, Utility and Underground Projects; 962-92-81 Sewer Televising and Related Services and 93691 Water Supply and Sewage Treatment Equipment Maintenance and Repair** as a Small Business Enterprise (SBE) for three (3) years, **expiring December 9, 2018**. You will not receive SBE consideration if you bid in another area. Enclosed is your certificate.

Your firm shall be subject to the provisions of the Palm Beach County Purchasing Ordinance and all State and Federal laws relating to the transaction of business.

This certification entitles you to participate in contracting opportunities when the products and services offered by your firm are being considered for bid. As an additional service to your firm, you will be included in the Palm Beach County Directory of certified SBE firms. If you wish to have your firm's listing changed, please contact our office at (561) 616-6840 for an application to amend your certification.

Your company's certification is subject to periodic review to verify your continued eligibility. Any changes you report to any County Department/Division must also be reported to OSBA. Your company name and vendor code must be the same in both Purchasing and OSBA. Failure to report changes in the status of your firm may result in your firm being decertified. Remember, whenever you respond to a County bid you must do so under the name of **Hinterland Group, Inc.** with vendor code: **VC00000128640**.

Sincerely,


Tanoy Williams
Small Business Development Specialist II
Office of Small Business Assistance

Office of
Small Business Assistance

50 South Military Trail, Suite 202

West Palm Beach, FL 33415

(561) 616-6840

FAX: (561) 616-6850

www.pbcgov.com/osba

**Palm Beach County
Board of County
Commissioners**

Mary Lou Berger, Mayor

Hal R. Valeche, Vice Mayor

Paulette Burdick

Shelley Vana

Steven L. Abrams

Melissa McKinlay

Priscilla A. Taylor

County Administrator

Verdenia C. Baker

*An Equal Opportunity
Affirmative Action Employer*

Palm Beach County
Office of Small Business Assistance

Certifies That

Hinterland Group, Inc.
Vendor # VC0000128640

is a Small Business Enterprise as prescribed by section 2-80.21 – 2-80.35 of the Palm Beach County Code for a three year period from December 10, 2015 to December 9, 2018.

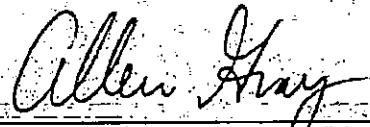
The following Services and/or Products are covered under this certification:

Construction, Utility/Underground Projects
Electrical
Maintenance and Repair, Utility and Underground Projects
Sewer Televising and Related Services
Water Supply and Sewage Treatment Equipment Maintenance and Repair

Palm Beach County Board of County Commissioners:

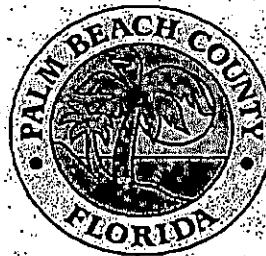
Mary Lou Berger, Mayor
Hal R. Valechic, Vice Mayor
Paulette Burdick
Shelley Vania
Steven L. Abrams
Melissa McKinlay
Priscilla A. Taylor

County Administrator
Verdenia Baker



Allen F. Gray, Manager

12/10/2015



Equipment	Equipment Type	Make	Serial Number	Description	Model	Year	Weight
201		ACSI	1A9VBTG22S1247501	ACSI Trailer	Trailer	1995	3,240
203		Anderson	4YNTE1823XC281691	Sand Blaster	TE182	1999	1,975
204		Asphalt Zipper ASPA	48500189	Asphalt Zipper	AZ480HD	2006	9,000
205		Better Built	4MNFB162331000881	Better Built Trailer	BH1622FBE	2003	2,500
206		Blastoff	B003378600	Blastoff Trailer	820PRC	2000	2,000
207		Bobcat	AB4711872	Bobcat Compact Excavator	418		
208		Bobcat		Bobcat Mini Excavator	325	2003	
209		Bobcat		Bobcat Skid Steer Loader	T300	2004	
210		Bomag	101692711003	Bomag Reversible Plate Tamper	BPR 35/60D		
211		Bomag	101692311006	Bomag Reversible Plate Tamper	BPR 35/60D		
214		Case	N6M440211	Track Skid Loader	445CT Track Loader	2007	
215		Caterpillar	GTN00140	Caterpillar Excavator	328D LCR		
216		Caterpillar	XAA10040	Caterpillar Excavator	325 FLCR		
217		Caterpillar		Caterpillar Forklift	TL1055		
218		Caterpillar	CR501341	Caterpillar Mini Excavator	305 5E2GR	2016	
219		Center	4KNFC1920SL161663	Center Trailer	Trailer	1995	14,999
220		Chevy	1GBJH32K1S3309866	Chevy Box Truck	G-P Box Truck	1995	4,889
222		Chevy	1GB4CZC80DF129765	Chevy Pickup Truck	Silverado	2013	7,157
223		Chevy	1GCHK23194F156733	Chevy Pickup Truck	Silverado	2004	6,550
224		Chevy	3GCPCREC7GG251682	Chevy Pickup Truck	Silverado 1500	2016	5,096
225		Chevy	3GCPCSEC2HG389557	Chevy Pickup Truck	Silverado 1500	2017	
226		Chevy	1GC2CUEG4HZ370534	Chevy Truck	Silverado 2500	2017	
227		Chevy	1GCWGF7G7F1211426	Chevy Van	Van	2015	6,800
228		Clark	C232L-0135-98555CN	Clark Forklift	C25C	2017	
230		Crosley	CTL812202XS010884	Crosley Dual Axle Trailer	CR81X22TC	2000	1,600
231		Crosley	5MW88X29235001295	Crosley Trailer	Trailer	2003	6,940
232		Crosley	CTL812200XS010883	Crosley Trailer	CR 81" X 22" TG	2000	1,600
233		Dodge	3B6MC36631M571412	Dodge Truck	3500 Truck	2001	5,889
234		Dodge	WD0PF445995358523	Dodge Van	Sprinter 3500	2009	9,990
235		Doosan	FG80E-1290-00087	Forklift	GC55C-5	2016	
236		Draggin	52006512008001700	Draggin Trailer	Trailer	2000	1,050
237		Dutchman	47CTRBP20BM440851	Dutchman Trailer	Rubicon	2011	
238		FFC	366806	FFC Tree Boom	Tree Boom		
239		Ford	1FDYU90S7SVA32670	Ford Dump Truck	L9000 W/Propane Boiler	1995	23,000
240		Ford	1FDAF56R48EB77828	Ford Flat Bed Truck	F550 Super	2008	
241		Ford	3FAHPOHG3AR197236	Ford Fusion	Fusion SE	2010	4,385
242		Ford	1FTSW20588EE40108	Ford Pickup Truck	F-250	2008	6,042
243		Ford	1FTNW21P34EC10841	Ford Pickup Truck	F250	2004	6,712
244		Ford	1FDAF57FXEC39722	Ford Truck	F550	1999	9,792
245		Ford	3FRWF75S56V233399	Ford Truck	750	2006	7,000
246		Ford	1FTNX21183EC60854	Ford Truck	F250	2003	5,793
247		Ford	1FDAF56F13EA30042	Ford Truck	F550	2003	6,983
248		Ford	1FTSF31P34EB87330	Ford Truck	F350	2004	6,208
249		Ford	1FDXF46F81EA54338	Ford Truck	F450 SD	2001	13,200

Equipment	Equipment Type	Make	Serial Number	Description	Model	Year	Weight
250		Ford	1FD0W5HT4CEB24463	Ford Truck	F550	2012	8,400
251		Ford	1FDWX36R88ED63315	Ford Utility Truck	F350	2008	6,765
252		Ford	1FDXF46F42EA91243	Ford Utility Truck	F450XL	2002	6,555
253		Freightliner	1FUBA5CK59DAK9267	Freightliner	Columbia	2009	23,000
254		Freightliner	1FUBA5CK99DAK9269	Freightliner	Columbia	2009	25,500
255		Freightliner	1FVHCYBS3BD999253	Freightliner	M-2	2011	23,000
256		Freightliner	1FVABPBW42HK96268	Freightliner	FL-60 Ambulance	2002	15,240
257		Freightliner	1FUJGEDV4BSAY3115	Freightliner Trailer	X12564ST	2011	
258		FRRV	5NHUN52625GU110551	FRRV Trailer	Trailer	2016	2,400
259		Genie	1491220495	Genie Personal Lift	Personal Lift	1994	
260		GMC	1GTHG35U461203200	GMC Cargo Van	Savana 3500	2006	5,281
261		GMC	1GTEC14X74Z225222	GMC Pickup Truck	Sierra 1500	2004	4,105
262		GMC	1GT125C88BF107634	GMC Pickup Truck	SIERRA K25	2011	7,273
263		GMC	1GT125C8XBF211929	GMC Pickup Truck	Sierra Denali	2011	7,294
264		GMC	1GTR1UECAEZ216984	GMC Pickup Truck	Sierra Denali	2014	5,088
265		GMC	1GT120E85FF146509	GMC Pickup Truck	Sierra Denali	2015	7,454
266		GMC	1GT120E87FF168043	GMC Pickup Truck	Sierra	2015	6,524
267		GMC	1GTEC14X46Z239274	GMC Pickup Truck	1500 Sierra	2006	4,156
268		GMC	1GT12RE86GF139316	GMC Pickup Truck	SIERRA K25	2016	4,600
269		GMC	1GT21RE86GZ171141	GMC Pickup Truck	Sierra C25	2016	4,600
270		GMC	1GD411C84FF515509	GMC Pickup Truck	Sierra C35	2015	4,600
271		GMC	1GDE5C3909F409205	GMC Service Truck	Service Truck/Crane 4x4	2009	8,701
272		GMC	1GDJ5C1909F408606	GMC Truck	TC500	2009	8,999
273		GMC	1GTR1VE06BZ416661	GMC Truck		2011	5,119
274		GMC	1GT21REG4HZ371265	GMC Truck	Sierra 2500	2017	
275		GMC	1GD42VCY6HF210049	GMC Truck	Sierra 3500	2017	
276		GMC	1GD42VCY4HF207697	GMC Truck	Sierra 3500	2017	
277		GMC	1GDJC34224E269730	GMC Truck w/ Crane	Sierra	2004	5,879
278		GMC	1GTHG39U171209757	GMC Van	Sierra 3500	2007	5,485
279		GMC	1GTS7AFX0E1171086	GMC Van	Van	2014	4,918
280		Gorman	WR920024X6JDS170	Gorman Pump	Rupp	1992	
281		Hardee Built	HB9TL163X5X104881	Hardee Built Trailer	816TQ5	2004	
282		HESC	1RX001004N1073119	HESC Generator	Trailer	1992	2,400
283		HESC	1RX001007N1072132	HESC Generator	Trailer	1992	2,360
284		Homemade	FLT9000AG	Homemade Trailer	Trailer	2014	3,000
285		Homemade	NOVIN0201067180	Power Washer Trailer	Trailer	2014	1,480
286		Horton	1HTMRAAL09H038660	Horton Truck	6231	2009	18,594
287		Horton	1HTMRAAL09H038657	International Chassis	Dura Star Chasis	2009	18,548
288		Ingersoll Rand	4FVCBBA87U383380	Ingersoll Rand Air Compressor	P185 WIR 185 CFM	2007	
289		Ingersoll Rand	332001UIM295	Ingersoll Rand Mounted Compressor	P185WIR	2002	2,130
290		International	1HTMMAAN96H245253	Flat Bed Dump Truck	4300	2006	13,940
291		International	1HTMMAAN76H245252	Flat Bed Dump Truck	4300	2006	13,940
292		International	1HTMKAAN43H564528	International Box Truck	Box Truck	2003	14,500
293		International	1HTGLADT4VH474402	International Bucket Truck	2674 Bucket Truck	1997	35,000

Equipment	Equipment Type	Make	Serial Number	Description	Model	Year	Weight
294		International	1HTSCAANX1H322439	International Dump Truck	4000 Series 4700	2001	11,200
295		International	1HTMSAAR39H094827	International Reefer Truck		440	2009 25,320
296		International	1HTMSAZR49H120615	International Truck		4400	2009 8,871
297		International	1HTMMAN77H351573	International Truck		4300	2007 18,500
298		International	1HTSCAAM21H385493	International Truck		4700	2001 14,300
299		International	1HTSCAAM61H385495	International Truck		4700	2001 14,300
300		International	3HTWYAH727N445870	International Vac Truck		7600	2007 5,225
301		International	1HTWCAAR84J024134	International Vac Truck	7400 Vac Truck		2004 29,760
302		International	1HTWGADT54J092869	International Vac Truck	2100 Vac Truck		2004 30,000
303		International	1HTWHAAT86J373939	International Vac Truck	7400 Sewer Cleaner		2006 37,580
304		Interstate	1JKPBS14X1M001904	Grey Trailer	Trailer		2001 4,800
305		Interstate	1JKSST088WA000215	Interstate Trailer	Trailer		1998 2,730
306		John Deere		John Deere Mower			
307		John Deere	861832131063	John Deere Bomag Roller	BW124DH		
308		John Deere	AT413236	John Deere Bucket	8 m ³ heavy duty bucket		
309		John Deere	2FF035GXJE272016	John Deere Compact Excavator	35G		
310		John Deere	1FF035GXCEK272026	John Deere Compact Excavator	35G		
311		John Deere	1FF035DXVCG269432	John Deere Compact Excavator	35D		
312		John Deere	1T0329EMPDE251100	John Deere Compact Track Loader	329E	2013	
313		John Deere	1T0323EMHGX292250	John Deere Compact Track Loader	323E	2016	
314		John Deere	1FF085GXLJ017085	John Deere Excavator	85G	2013	
315		John Deere	WOOMXSX012810	John Deere Mower Attachment	MX5	2007	
316		John Deere	TC25EHG0490137	John Deere Riding Mower	2500E	2010	
317		John Deere	1T0329EMJFE289531	John Deere Skid Steer	329E	2015	
318		John Deere	1LU304KXEZB034334	John Deere Wheel Loader	304K	2013	
319		John Deere	LV324H709952	John Deere Wheel Loader	324H	2004	
320		Keiser Morris	1K9BU20228N246029	Keiser Morris Trailer	KM8000T	2008	4,980
321		Kenworth	1NKZX7EXOHJ167951	Kenworth Dump Truck	T880	2017	18,928
322		Kenworth	1NKZLP0X1HJ170392	Kenworth Truck	T880	2017	17,147
323		Kenworth	3BK8LJ0X6GF492263	Kenworth Vac Truck	T440	2016	39,600
324		KMT	D19032-23598-132	KMT Aqua Blaster	Aqua Dyne		
325		Komatsu	02669	Komatsu Hydraulic Excavator	PC228USLC-10	2017	
326		Komatsu	50707	Komatsu Hydraulic Excavator	PC138USLC-11		
327		Komatsu	30588	Komatsu Hydraulic Excavator	PC228USLC-3	2004	
328		Lark	5RTBE1623ED045121	Lark Trailer	VT716TA	2015	1,990
329		Look	53BLTEB2XEU008351	Look Enclosed Trailer	Enclosed Trailer	2014	3,540
330		Look	52BLTEB29FU0138882	Look Enclosed Trailer	Trailer	2015	3,480
331		Menzl Muck	91E02085414	Walking Excavator	A91	2008	
332		Ram	3C7WRNFB3HG582006	Ram Truck	5500	2017	8,353
333		Rex	HK1459	Rex Dulvi-Mixer	Dulvi-Mixer		
335		Space Coast	4S9MTR387EC106326	Space Coast Trailer	MTR38	2014	
336		Sterling	2FZHJAA6YAF70801	Sterling Crane Truck	L7500	2000	11,169
337		Sterling	2FZHATAK52AJ53212	Sterling Truck	7500	2002	15,736
338		Sterling	2FZHAZCVX5AN96129	Sterling Vac Truck	LT9500 Sewer Cleaning Truck	2005	40,180

Equipment	Equipment Type	Make	Serial Number	Description	Model	Year	Weight
339		Sullair	200602080021	Compressor w/ Trailer	185DPQJD	2006	
340		T-Mobile	29477107	Auto Dialer Pump			
341		Thomas	1T9PH13218P634344	Thomas Trailer	Trailer	2008	6,710
342		Thompson	V-1231	Thompson 12" Wellpoint Pump	12R-DJDS-45T-MC		
343		Thompson	V-1245	Thompson 12" Wellpoint Pump	12R-DJDS-45T-MC		
344		Thompson	1T9PH13173P634150	Thompson 4" Mounted Pump	CD100M	2003	4,840
345		Thompson	1T9PH1112DP634342	Thompson 4" Vacuum Assisted Pump	4JSVM-DJDST-24T-M/4JSVM-136	2013	3,480
346		Thompson	145599	Thompson 6" Bypass Pump	6HTC 6	2007	
347		Thompson	1T9PH13283P634151	Thompson 6" Trailer Mounted Pump	6" Self Prime Pump	2003	5,090
348		Thompson		Thompson 6" Vacuum Assisted Pump	6JSVE-DJDST-45T-MC/6JSVE-383		
349		Thompson		Thompson 6" Vacuum Assisted Pump	6JSVE-DJDST-45T-MC/6JSVE-390		
350		Thompson	1T9PH1320EP634329	Thompson 6" Vacuum Assisted Pump	6JSVE-DJDST-45T-MC/6JSVE-219	2014	6,900
351		Thompson		Thompson 6" Vacuum Assisted Pump	6JSVE-316		
352		Thompson	1T9PH1527GP634084	Thompson 6" Vacuum Assisted Pump	6JSVE-DJDST-45T-MC/6JSVE-332	2016	6,900
353		Thompson	1T9PH132XEP634466	Thompson High Pressure Pump	6JSVE-DJDST-45T-MC/6JSVE-241	2014	6,840
354		Thompson	1T9PH1424HP634529	Thompson Pump	6JSVE-DJDST-45T-MC/6JSVE-395	2017	7,300
355		Thompson	1T9PH1420HP634530	Thompson Pump	6JSVE-DJDST-45T-MC/6JSVE-399	2017	7,300
356		Thompson	1T9PH1321AP634804	Thompson Pump	6JSVE-DJDST-45T-MC/6JSVE-103	2010	6,900
357		Torino	121EP32261M009887	Tilt Trailer	Trailer	2001	6,500
358		Toyota	19049	Toyota Forklift	42-4FGC25		
359		USCG	5NHUNSV21JU118817	Look Trailer	GANS8520TA3	2018	3,297
360		Utility	1UYVS2532FU283437	Reefer Trailer 53'	Reefer Trailer	2015	
361		Volvo	X036480X	Volvo Motor Grader	G720B	2004	
366			CC1101072652	300 Gallon Spray Rig Attachment			
367				CIPP Computers			
368				Clam Shell Bucket	3/8 Yard GP-SN		
369				Cues Truck 1			
370				Cues Truck 2			
371				Pipe Laser	DG-711		
372				Resin Tank w/ Conveyor			
373				Telescopic Dipper			
374				Wetout Assembly Equipment			
375		GMC	1GTR1LEH4HZ378592	GMC Pickup Truck	Sierra 1500	2017	
376		GMC	1GD42VCY1HF210041	GMC Truck	Sierra 3500	2017	
377		Chevy	1GC2UEG9HZ392772	Chevy Truck	Silverado 2500	2017	
378		GMC	1GD42VCY9HF207016	GMC Truck	Sierra 3500	2017	

Project History

Project Description	Owner	Engineer	Contract Amount	Start Date	End Date
Toho Water Authority Manhole Raising & Repair Project	Toho Water Authority 951 Martin Luther King Boulevard Kissimmee, Florida 34741 407-944-5018 Phone 407-343-4264 Fax Tim Noyes, Asset Manager Tnoyes@tohowater.com	Toho Water Authority 951 Martin Luther King Boulevard Kissimmee, Florida 34741 407-944-5018 Phone 407-343-4264 Fax Tim Noyes, Asset Manager	\$231,210.00	Oct-10	Feb-12
Wastewater Lift Station Rehabilitation Project-Phase A	Palm Beach County Water Utilities District P.O. Box 16097 West Palm Beach, Florida 33416-6097 561-493-6000 Phone 561-493-6008 Fax Victor Gutierrez, Purchasing Vgutierrez@pbwater.com	Palm Beach County BOCC WUD 8100 Forest Hill Blvd. West Palm Beach, Florida 33416 561-493-6087 561-493-6085 Duane Palumbo, Engineer	\$1,530,131.00	Aug-11	Mar-12
Phipps Park Booster Pump Station Rehab & Modification	City of West Palm Beach 401 Clematis Street, 5th Floor West Palm Beach, Florida 33401 561-822-2100 Phone 561-822-1564 Fax Daniel Roberge, Project Engineer Droberge@pbcc.org	Mock-Roos & Assoc., Inc. 5720 Corporate Wy. West Palm Beach, Florida 33407 561-683-3133 Phone 561-478-7248 Fax Neil Condy, Engineer	\$196,549.00	Aug-10	Feb-12
Sanitary Sewer & Lift Station Wet Well, Repairs	P.B.C. Glades Utility Authority P.O. Box 16097 West Palm Beach, Florida 33416-6097 561-493-6000 Phone 561-493-6008 Fax Vernetha Green, Purchasing Vgreen@pbwater.com	P.B.C. Glades Utility Authority P.O. Box 16097 West Palm Beach, Florida 33416-6097 561-493-6219 Phone 561-493-8768 Fax Hector Rodriguez, Project Manager	\$195,000.00	Mar-10	Mar-11
Indian Trace Development 36 Lift Station Rehabilitation	City of Weston 17200 Royal Palm Boulevard Weston, Florida 33326 954-385-2000 Phone 954-385-2010 Fax Brad Kalne, Director of Utilities Bkalne@westonfl.org	Calvin, Giordano & Associates, Inc. 1800 Eller Drive, Suite 600 Fort Lauderdale, Florida 33316 954-921-7781 Phone 954-921-8807 Fax Sabrina Baglieri, P.E.	\$890,881.07	Nov-10	Dec-11
Reject Water Storage Pond Lining and Pump Station at the PGA WWTP	Seacoast Utility Authority 4200 Hood Road Palm Beach Gardens, Florida 33410 561-627-2900 Phone 561-624-2839 Fax Keith Haas, Purchasing Manager Khaas@sua.com	Holtz Consulting 50 S. US Hwy 1, Suite 20 Jupiter, Florida 33477-5107 561-575-2005 Phone 561-575-2009 Fax Curtis Robinson, Engineer	\$780,209.00	Sep-10	Aug-11
Pasco County Leachate Pump Station	Pasco County 8989 Government Drive New Port Richey, Florida 34654-5500 727-847-8194 Phone 727-847-8065 Fax Ron Walker, Superintendent	Pasco County 8989 Government Drive New Port Richey, Florida 34654-5500 727-847-8194 Phone 727-847-8065 Fax	\$69,965.78	Sep-10	Dec-10
Lift Station #15 Rehabilitation	City of Danla Beach 100 West Danla Beach Boulevard Danla Beach, Florida 33004 954-924-3740 Phone 954-923-1109 Fax Jose Urtecho, Utilities Supervisor	Calvin, Giordano & Associates, Inc. 1800 Eller Drive, Suite 600 Fort Lauderdale, Florida 33316 954-921-7781 Phone 954-921-8807 Fax Jenna Chamberlain, P.E.	\$184,975.00	Jun-10	Sep-10
Lift Station #11 Replacement Project	City of St. Cloud 1300 Ninth Street St. Cloud, Florida 34769 407-957-7212 Phone 407-957-7369 Fax Kelly Merrit, P.E. Kmerritt@stcloud.org	City of St. Cloud 1300 Ninth Street St. Cloud, Florida 34769 407-957-7212 Phone 407-957-7369 Fax Kelly Merrit, P.E.	\$182,614.25	May-10	Aug-10
Wastewater Pump Station No. 9 Replacement	City of Lake Worth 7 North Dixie Highway Lake Worth, Florida 33460 561-586-1685 Phone 561-586-1745 Fax Tiger Roth, Inspector tiger_roth@mockroos.com	Mock - Roos 5720 Corporate Way West Palm Beach, Florida 33407-2066 561-683-3133 Phone 561-478-7248 Fax John Leemon, PE	\$308,710.00	Mar-10	Jun-10
Lakes of Aloma Wastewater Pump Station Rehabilitation	S.S.N.O.C.W.T.A 410 Lake Howell Road Maitland, Florida 32751-5907 407-628-3419 Phone 407-628-0153 Stephen Miller, P.E. Director	Reiss Engineering 1016 Spring Villas Point, Suite 2000 Winter Springs, Florida 32708 407-679-5358 Phone 407-679-5003 Fax Marc Cannata, P.E.	\$120,000.00	Feb-10	May-10

Project History

Project Description	Owner	Engineer	Contract Amount	Start Date	End Date
City of Cape Canaveral Manhole Rehabilitation	City of Cape Canaveral 601 Thurm Boulevard Cape Canaveral, Florida 32920 561-586-1685 Phone 561-586-1745 Fax Tiger Roth, Inspector Tiger.roth@mockroos.com	561-683-3113 Phone 561-478-7248 Fax John Leemon, PE	\$103,000.00	Feb-11	Apr-11
Water Treatment Plant Backwash Water Pump Station	Brevard County 2725 Judge Fran Jamieson Way Viera, Florida 32940-6602 321-633-2089 Phone 321-633-2095 Fax Craig Helpling, Project Manager Craig.Helpling@brevardcounty.us	MWH Engineers 490 Sawgrass Corp Pkwy., Suite 300 Sunrise, Florida 33325 954-846-0401 Phone 954-846-0424 Fax Brian LaMay, P.E.	\$314,911.00	Feb-10	Jul-10
M-20 Lift Station Rehabilitation	City of Ft. Lauderdale Procurement Services 100 North Andrews Avenue Fort Lauderdale, Florida 33301 954-828-5933 Phone 954-828-5576 Fax	City of Ft. Lauderdale Procurement Services 100 North Andrews Avenue Fort Lauderdale, Florida 33301 954-828-5933 Phone 954-828-5576 Fax	\$213,250.00	Jan-11	Apr-11
City of Ft Lauderdale Manhole Rehabilitation	City of Eustis P.O. Box 68 Eustis, Florida 32727-0068 352-483-5430 Phone 352-357-1970 Fax Bill Johnson, Director of Wastewater	City of Eustis P.O. Box 68 Eustis, Florida 32727-0068 352-483-5430 Phone 352-357-1970 Fax Bill Johnson, Director of Wastewater	\$121,688.00	Dec-09	Apr-10
Lift Station #5 Refurbishing	FGUA Operation Office 280 Wekiva Springs Road, Suite 2000 Longwood, Florida 32779 407-629-6900 Phone 407-629-6963 Fax	FGUA Operation Office 280 Wekiva Springs Road, Suite 2000 Longwood, Florida 32779 407-629-6900 Phone 407-629-6963 Fax	\$224,505.00	Jun-09	Sep-09
Golden Gate Lift Station #5 Rehabilitation & Modification	City of St. Cloud 1300 Ninth Street St. Cloud, Florida 34769 407-957-7212 Phone 407-957-7369 Fax Kelly Merritt, P.E. Kmerritt@stcloud.org	City of St. Cloud 1300 Ninth Street St. Cloud, Florida 34769 407-957-7212 Phone 407-957-7369 Fax Kelly Merritt, P.E.	\$35,642.50	Mar-09	Aug-09
Lift Station #10 Rehabilitation	S.S.N.O.C.W.T.A. 410 Lake Howell Road Maitland, Florida 32751-5907 407-628-3419 Phone 407-628-0153 Stephen Miller, P.E. Director	Woolpert, LLP 3504 Lake Lynda Drive #400 Orlando, Florida 32817 407-381-2192 Phone Dave Roderick, Project Manager	\$75,280.00	Feb-09	Aug-09
Indian Hills Lift Station Rehabilitation	S.S.N.O.C.W.T.A. 410 Lake Howell Road Maitland, Florida 32751-5907 407-628-3419 Phone 407-628-0153 Stephen Miller, P.E. Director	Reiss Engineering 1016 Spring Villas Point, Suite 2000 Winter Springs, Florida 32708 407-679-5358 Phone 407-679-5003 Fax Marc Cannata, P.E.	\$200,938.00	Jan-09	Sep-09
Winter Park Estates Master Lift Station Rehabilitation	City of Orlando, Public Works 5100 L.B. McLeod Road Orlando, Florida 32811 407-246-2213 Phone 407-246-2886 Fax Buster Falls, Lift Station Manager Buster.falls@cityoforlando.net	City of Orlando, Public Works 400 South Orange Avenue Orlando, Florida 32802-4990 407-246-3756 Phone 407-246-2892 Fax Hector Sanchez, Project Manager	\$300,000.00	May-08	Dec-08
Lift Stations 19, 46, 70, & 71 Rehabilitation	City of Port St. Lucie 121 S.W. Port St. Lucie Boulevard Port St. Lucie, Florida 34984 772-871-5224 Phone 772-871-7337 Fax Mike Jolly, Lift Station Leader Mjolly@cityofpsl.com		\$85,000.00	Apr-08	Jun-08
Lift Station #41 Rehabilitation	University of Florida P.O. Box 117710 Gainesville, Florida 32611 352-294-0622 Phone 352-392-8837 Jeff Balr, Project Manager	Causseaux, Hewitt & Walpole Inc. 6011 NW 1st Place Gainesville, Florida 32607 352-331-1976 Phone 352-331-2476 Fax Matt Williams, Engineer	\$659,256.00	12-Mar	Jun-12
UF Pump Station No. 1 Renovation	City of St. Pete Beach 155 Corey Avenue St. Pete Beach, Florida 33706 727-363-9254 Phone 727-367-2736 Fax Ian Wade Ian.Wade@stpetebeach.org		\$32,460.00	12-Mar	12-Apr
Manhole Rehabilitation					

Project History

Project Description	Owner	Engineer	Contract Amount	Start Date	End Date
Rehabilitation & Improvements to Master Lift Station 01	Florida Governmental Utility Authority 5560 Bayshore Road, Suite 36 North Fort Myers, Florida 33917 239-543-1005 Phone 239-543-2226 Fax Dwight Perry, Inspector Dperry@govmserv.com	Wade Trim 8745 Henderson Road, Suite 220 Renaissance 5 Tampa, Florida 33634 813-882-8366 Phone 813-884-5990 Fax Kenneth Hubacker P.E., Engineer	\$234,000.00	12-Jul	12-Sep
Lift Stations 30 & 32 Rehabilitation	City of Coral Springs 10300 NW 11th Manor Coral Springs, Florida 33071 954-753-0380 Phone 954-757-4850 Fax Steve Selgried SteveS@fiadistricts.com		\$97,710.00	12-Aug	12-Oct
Lift Station #10 Rehabilitation	City of St. Pete Beach 155 Corey Avenue St. Pete Beach, Florida 33706 727-363-9254 Phone 727-367-2736 Fax Renee Cooper, CIP Construction Manager Rcooper@stpetebeach.org		\$116,112.00	12-Aug	12-Aug
Structural Repair of the Flow Equalization Basin	City of West Palm Beach 401 Crematis, 4th Floor West Palm Beach, Florida 33401 561-835-7400 X 7435 Phone 561-835-7420 Fax Jin Huo, Project Engineer jhuo@wpb.org	Holt Consulting 50 S. US Hwy 1, Suite 20 Jupiter, Florida 33477-5107 561-575-2005 Phone 561-575-2009 Fax Curtis Robinson, Engineer	\$496,898.50	12-May	12-Nov
Indian Trace Development District Lift Station Phase II	City of Weston 17200 Royal Palm Boulevard Weston, Florida 33326 954-385-2000 Phone 954-385-2010 Fax Brad Kaine, Director of Utilities	Calvin, Giordano & Associates, Inc. 1800 Eller Drive, Suite 600 Fort Lauderdale, Florida 33316 954-921-7781 Phone 954-921-8807 Fax Sabrina Baglieri, P.E.	1,217,179.28	12-Oct	Jun-13
Wastewater Lift Station Rehabilitation Project	Palm Beach County Water Utilities District P.O. Box 16097 West Palm Beach, Florida 33416-6097 561-493-6000 Phone 561-493-6008 Fax Victor Gutierrez, Purchasing Vgutierrez@pbwater.com	Palm Beach County BOCC WUD 8100 Forest Hill Blvd. West Palm Beach, Florida 33416 561-493-6087 561-493-6085 Duane Palumbo, Engineer	2,172,758.00	12-Oct	Nov-14
South Hutchinson Island Repump #2 Station Modifications	Fort Pierce Utility Authority 206 S. 6th Street Fort Pierce, Florida 34950-4222 772-466-1600 X 3472 Phone James Carnes Jcarnes@fpu.com	Kinley-Horne & Associates, Inc. 1920 Wekiva Way, Suite 200 West Palm Beach, Florida 33411 561-840-0258 Phone Mark Miller	\$669,000.00	13-Jan	Oct-13
Strategic Wastewater Infrastructure Project Sewer Collection - City of Belle Glade	Palm Beach County Water Utilities Department P.O. Box 16097 West Palm Beach, Florida 33416-6097 561-493-6900 Phone Jackie Michels jmichels@pbwater.com		\$1,918,320.00	13-Jan	Dec-13
Turtle Creek Force Main & Lift Station 84	City of St. Cloud 1300 Ninth Street St. Cloud, Florida 34769 407-709-3282 Phone 407-957-7369 Fax Corey Clough Cclough@stcloud.org		\$916,602.89	Mar-13	Dec-13
Lift Station No 1 Rehabilitation	City of Cape Canaveral 601 Thurm Blvd. Cape Canaveral, Florida 32920 321-868-1240 Phone 321-868-1233 Fax Lonnle Dunn Ldunn@cityofcapecanaveral.org		\$148,890.00	Dec-13	Jan-14
WTP Improvements	City of Mulberry 104 S. Church Street Mulberry, Florida 863-425-1125 John Wright	Envisors Engineers 2105 Dundee Road Winter Haven, Florida 33883-9309 863-324-1112 Phone 863-294-6185 Fax Asma Boukadoum	\$2,143,000.00	Jan-14	15-Apr
Cudjoe Regional Wastewater Inner Islands Collection System & Transmission System	Florida Aqueduct Authority 1100 Kennedy Drive Key West, Florida 33041-1239 305-296-2454 305-295-2188	Gianetti Contracting Corp 2650 NW 15th Ct #108 Pompano Beach, Florida 33069 954-551-4950 Phone 954-972-8104 Bob Henning	\$1,523,515.00	Jan-14	16-May

Project History

Project Description	Owner	Engineer	Contract Amount	Start Date	End Date
7th Street SW Booster Pump & VFD Replacement	Collier County 3299 Tamiami Trail E, Suite 700 Naples, Florida 34112-5749 239-252-8407 Phone 239-732-0844 Fax Tom Silver TomSilver@colliergov.net	Hales Montes, Inc. 950 Encore Way Naples, Florida 34110 239-254-2043 Phone DebraHogue@hmena.com Deb Hogue	\$653,400.00	Dec-13	14-Oct
Water Treatment Plant Vacuum Filter Replacement	City of Naples 735 Eighth Street S Naples, Florida 34102 239-213-1000 Phone Justin Frederiksen jfrederiksen@naplesgov.com	Johnson Engineering 2122 Johnson Street Fort Myers, Florida 33901 239-461-2441 Phone 239-334-3661 Erik Howard elh@johnsoneng.com	\$767,510.00	Oct-13	May-14
Wastewater Gravity Sewer Rehab by CIPP	City of Tampa 3808 E 26th Ave. Tampa, Florida 33605 813-635-8400 Phone Raleigh Thomas, Jr. Raleigh.Thomas@tampagov.net		\$1,300,000.00	Apr-15	Present
Sanitary Sewer & Manholes Rehabilitation	City of Clearwater 727-224-7062 Phone Rose Lara Rlajara@myclearwater.com		360,000.00	Apr-15	Present
Simmons Rd. Storm Drain Repairs	Nassau County 96161 Nassau Place Yulee, Florida 32097 904-491-7334 Phone 904-321-5926 Fax David Hearn Dhearn@nassaucountyfl.com		250,000.00	Apr-15	Apr-15
Covered Bridge Sewer Lining Project	Palm Beach County 8100 Forest Hill Blvd. West Palm Beach, Florida 33416 561-493-6138 Phone Vgutierrez@pbwater.com		325,913.00	May-15	Jun-15
Seven Springs Blvd. & Humbolt Ave. T & F Repairs	Florida Governmental Utility Authority 280 Wekiva Springs, Suite 200 Longwood, Florida 32779 407-629-6900x101 Phone Chris Couch Ccouch@govmserv.com		99,290.00	Apr-15	Apr-15
Belle Glade Sewer Infiltration & Inflow Improvements 2014 Project	Palm Beach County 8100 Forest Hill Blvd. West Palm Beach, Florida 33416 561-493-6087 Phone Duane Palumbo Dpalumbo@pbwater.com		1,794,613.00	Aug-14	Aug-15
C.I.P.P. Lining and Repairs	Lake City Utilities 205 N. Marlon Avenue Lake City, Florida 32055 386-758-5456 Phone 386-623-0595 Fax Keith Hampton Hamptonk@lefla.com		79,062.50	May-14	May-14
Lift Station 17 Rehabilitation	City of Boca Raton 1401 Glades Road Boca Raton, Florida 33431 561-338-7315 Phone Ken Goatley Kgoatley@cityofboca-ration.fl.us		1,129,593.00	May-15	16-May
Lift Station C-05 & Forcemain Replacement	Brevard County BOCC 2725 Judge Fran Jamieson Way Viera, Florida 32940 321-633-2089 Phone Owen Coward owen.callard@brevardcounty.us		872,000.00	Jul-15	15-Dec
Lift Station M-6 Replacement	Brevard County BOCC 2725 Judge Fran Jamieson Way Viera, Florida 32940 321-633-2089 Phone Owen Callard owen.callard@brevardcounty.us		439,495.00	Sep-15	15-Nov

Project History

Project Description	Owner	Engineer	Contract Amount	Start Date	End Date
Rehabilitation of Monica, Davis Rd., & Professional Plaza Pump Stations	Village of Palm Springs 226 Cypress Lane Palm Springs, Florida 33461 John Rouse jrouse@vpsfl.org	Eckler Engineering Diego Herrera 954-510-4700 Phone DHerrera@ecklerengineering.com	568,102.00	Jan-15	Jun-15
Emergency CIPP Repair Johnson Street	Lake City Utilities 205 N. Marlon Ave. Lake City, Florida 32055 386-758-5456 Phone Keith Hampton Hamptonk@lcfia.com		79,062.50	May-14	Jun-14
CIPP Lining Shands Lake Shore Hospital	Lake City Utilities 205 N. Marlon Ave. Lake City, Florida 32055 386-758-5456 Phone Keith Hampton Hamptonk@lcfia.com		49,535.00	Jun-14	Jun-14
CIPP Lining 24" Storm Sewer	Lake City Utilities 205 N. Marlon Ave. Lake City, Florida 32055 386-758-5456 Phone Keith Hampton Hamptonk@lcfia.com		23,450.00	Jul-14	Jul-14
CIPP Lining 36" Storm Sewer	Lake City Utilities 205 N. Marlon Ave. Lake City, Florida 32055 386-758-5456 Phone Keith Hampton Hamptonk@lcfia.com		74,256.00	Aug-14	Aug-14
Lean Street Emergency 8" and 10" CIPP Lining	Lake City Utilities 205 N. Marlon Ave. Lake City, Florida 32055 386-758-5456 Phone Keith Hampton Hamptonk@lcfia.com		114,214.50	Aug-14	Aug-14
18" Storm Sewer Connection to Intracoastal CIPP Lining	Town of Manalapan 600 South Ocean Blvd. Manalapan, Florida 33462 561-309-8838 Phone Roy Fallon		20,250.00	Aug-14	Aug-14
CIPP Lining 12" Sanitary Sewer	City of Delray Beach 100 NW 1st Ave. Delray Beach, Florida 33444 561-243-7309 Phone Scott Solomon Solomon@cidelray-beach.fl.us		18,110.00	Aug-14	Aug-14
FGUA Mad Hatter Linda Lakes Collection System I & I Repair	Florida Governmental Utility Authority 280 Wekiva Springs, Suite 200 Longwood, Florida 32779 407-629-6900x101 Phone Chris Couch Ccouch@govmserv.com		68,700.00	Sep-14	Oct-14
C-16 Rehabilitation	Brevard County BOCC 2725 Judge Fran Jamieson Way Viera, Florida 32940 321-617-7390 Phone 321-617-7391 Fax John McLester Jonathan.McLester@brevardcounty.us	Infrastructure Solution Services Thomas Vill, P.E.	207,800.00	16-Jul	16-Oct



Hinterland Group Inc
 992 W 15th St
 Riviera Beach, FL 33404

As of: 9/1/2017

CIPP Roster: Position, Experience, Expertise, Licenses

Name	Position	Years of Experience	Expertise	Licenses
Dario Montanez	Superintendent Foreman	25	CCTV Liner Installation Liner Curing Grouting/ Pressure Testing Robotic Service Reconnection	PACP CDL
Gerardo Pulido	Boiler Operation- Manager	24	Liner Curing Vac Truck Operation Liner Installation	CDL Tanker Cert
Jacinto Pulido	Laborer	24	Liner Curing Liner Installation Wet-Out Grouting/ Pressure Testing Robotic Service Reconnection CCTV	CDL Tanker Cert Hazmat Cert
Guillermo Falcon	PACP Specialist	15	CCTV Robotic Service- Grouting / Pressure Testing Reconnection	PACP CDL
Curt Maring	Project Manager	13	CIPP, Slip Lining, Open Cut, Cleaning, TV and Vacuum Excavation	6" - 108" Confined Space PACP MACP LACP, Nassco Trainer
Ivan Pulido	Robotics Mechanic Laborer	8	Liner Installation CCTV Mechanic	CDL
Eduardo Rivera	Laborer	4	Vac Truck Operation	CDL Tanker Cert Hazmat Cert
Brett Konchak	Project Manager	3	CCTV Liner Installation Liner Curing Grouting/ Pressure Testing Robotic Service Reconnection	PACP HAZWOPER FDOT MOT



Hinterland Shots to Date

No.	Entity	Total Length
1	Palm Beach County	54215
2	Delray	2304
3	Lauderdale by the Sea	6469
4	Golden Bear	858
5	Ormond Beach	2842
6	Clay County	178
7	Manatee County	1077
8	Riviera Beach	1298
9	Seminole County	10903
10	Tampa	26181
11	West Palm Beach	5135
12	Clearwater	17981
13	Zephyrhills	11850
14	Lake Worth	1657
15	Bartow	509
16	Town of Palm Beach	6000
17	Nassau County	995
18	Mangonia Park	12795
19	Village of Golf	2309
20	Lantana	20000
21	FGUA	6000
22	Lake City	8856
23	Colonial Estates	3500
24	City of Maitland	3280
25	Sebring	410
26	Miramar	260
27	N Lauderdale	12269
28	Palm Beach Gardens	528
29	Polk County	730
30	Town of Manalapan	500
31	Brevard County	1000
TOTAL AS OF 09/05/2017		222889



Hinterland Group, Inc.
992 W 15th Street
Riviera Beach, FL 33404

10/25/2017

1 of 2

For questions or comments please contact us at (561) 640-3503

REFERENCE LIST

Owner	Project Title	Completion Date	Contact Information	Cleaned, Televised and Lined Linear Footage	Diameters
Palm Beach County Water Utilities Department	22-063, 14-088, 16-092, 17-016, 16-092	On going	Contact: Pollop Phonpomiwithoon Phone: 561-493-6154 PPhonpomiwithoon@pbwater.com	54,215	8"-24"
City of Clearwater	Sanitary Sewer Rehab – Section A CIPP – Annual Contract	Annual Contract held since February, 2015	Contact: Rose Lara Phone: 727-224-7062 Rose.Lara@myClearwater.com	17,981	8" to 24"
Palm Beach Gardens	Storm Water Project	On-Going	Contact: Daniel Widdick 561-804-7044 dwiddick@pbgrfl.com	528	12"-36"
Polk County	Storm Water Project	On Going	Contact: Doug Gable 863-535-2285 DougGable@polk-county.net	730	15"-36"
City of Sebring	I&I Program	On Going	Contact: Jim Jackson 863-471-5110	410	8"-12"
N Lauderdale	I&I Program	On Going	Contact: George Krawczyk, P.E., CFM 954-724-7070 gkrawczyk@nlauderdale.org	12,269	8"-10"
Manatee County	Storm Improvements	On Going	Contact: Clint Rimer 941-708-7430 clint.rimer@mymahatee.org	1,077	12"-36"
Lake Worth	I&I Program	Feb, 2017	Contact: Paul Fleming 561-389-9912 paul.fleming@mockroos.com	1,657	8"-10"
Zephyrhills	I&I Program	Jan, 2017	Contact: Joey Theel 813-780-0006 JTheel@ci.zephyrhills.fl.us	11,850	8"-12"
Nassau County	Simmons Road Storm Drain Repair	April, 2015	Contact: David Hearn Phone: 904-491-7334 Dhearn@nassaucountyfl.com	995	36"
City of Tampa	Wastewater Gravity Sewer Rehab by CIPP- Annual Contract	Annual Contract held since April 2015	Contact: Raleigh Lee Thomas Jr Phone: 813-635-3400 Raleigh.Thomas@tampagov.net	26,181	8" to 24"
Colonial Estates	I&I Program	March, 2014	Contact: Office 561-459-1479	3,500	8"
Town of Lantana	CIPP and Manhole Rehab 2015	June 2015	Contact: Darrell Blom Phone: 561-540-5750 Dblom@lantana.org	20,000	8" to 12"
FGUA	Mad Hatter & Sever Springs I&I Repair	June, 2015	Contact: Chris Couch Phone: 407-629-6900 Ccouch@govmserv.com	6,000	8"
City of Lake City	Multiple Emergency CIPP Repairs	June, 2014	Contact: Keith Hampton Phone: 386-758-5456 Hamptonk@lclfa.com	8,856	8" to 36"



Hinterland Group, Inc.
992 W 15th Street
Riviera Beach, FL 33404

10/25/2017

2 of 2

For questions or comments please contact us at (561) 640-3503

Golden Bear Properties	Storm CIPP	March, 2017	Contact: Michael Bowden Phone: 561-627-0184 mbowden@mhcreal.com	858	36"
City of Maitland	CIPP Sewer Repair	June, 2015	Contact: David Gonzalez Phone: 407-875-1143 Dgonzalez@tsmymaitland.com	3,280	8"
Seminole County	Lining Continuing Contract off 12-063	On going	Contact: Jeff Lane Phone: 407-665-2885 Jlane@seminolecountyfl.org	10,903	8"
Town of Palm Beach	E-3 force main Rehabilitation	November, 2014	Contact: Doug Terry Phone: 561-838-5440 Dterry@townofpalmbeach.com	6,000	12" Force main
City of Riviera Beach	I&I Program	On going	Contact: Leighton Walker Phone: 561-845-4185 lcwalker@rivierabch.com	1,298	8"-10"
City of West Palm Beach	Master of Contract for Sanitary Sewer and Stormwater Piping CIPP	Annual Contract Held Since September 2015	Contact: Daniel Roberge Phone: 561-494-1053 Droberge@wpb.org	5,135	8" to 36"
City of Bartow	Emergency Lining	November, 2015	Contact: Russell Martin Phone: 863-534-0100 Rmartin@cityofbartow.net	509	8" to 18"
Town of Mangonia Park	I&I Program	December, 2016	Contact: David Frodsham Phone: 561-681-5269 Dfrodsham@cgasolutions.com	12,785	8"
City of Miramar	I&I Program	Emergency Contract Since February, 2015	Contact: Marcelin Denis Phone: 954-883-5802 MPDenis@miramarfl.gov	260	8"
Village of Golf	I&I Program	Contract as of Sept 2014	Contact: John Ustie Phone: 561-732-4710 Justie@villageofgolf.com	2,309	8" to 24"
Town of Manalapan	CIPP Storm to Intercostal	August, 2014	Contact: Craig Shugar Phone: 561-586-3699 Cshugar@manalapan.org	500	18"
Clay County	I&I Program	May, 2017	Contact: Steve Koterak Phone: 904-627-9138 Stephen.koterak@claycountygov.com	178	24"
Brevard County	Emergency Lining	April, 2016	Contact: Andy Sapp Phone: 321-455-1338 Andy.Sapp@brevardcounty.us	1,000	8" to 12"
Lauderdale by the Sea	I&I Program	On going	Contact: Don Prince Phone: 954-640-4233 Email: DonP@lauderdalebythesea-fl.gov	6,469	8"-12"
Ormond Beach	I&I Program	July, 2017	Contact: Alex Schuman 386-676-3306 Alex.Schumann@ormondbeach.org	2,842	12"-36"
City of Delray	CIPP Lining	On going	Contact: Scott Solomon Phone: 561-243-7309 Solomon@cityofdelray-beach.fl.us	2,304	12"



St. Johns County Board of County Commissioners

Purchasing Division

December 22, 2017

ADDENDUM #2

To: Prospective Bidders
From: St. Johns County Purchasing Department

Subject: Bid No. 18-28, Sand Dollar Lift Station Repairs

This Addendum #2 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a proposal that he/she has received all Addenda. **Please return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, 500 San Sebastian View; St. Augustine, FL 32084.**

Questions:

1. Sheet #1, Notes 7, 8, and 9 indicate installation of a lightning arrester, surge suppresser and audible alarm by the system supplier. Is this furnished by SJCUD or the Contractor?
Clarification is needed because we are re-using the existing control panel, usually these items would be supplied by the control panel contractor.

Answer: SJCUD will make any modifications necessary and furnish the control panel.

2. Could you please let us know what size hatch does the pump manufacture recommend?

Answer: The existing hatch is smaller than the recommended size for the Flygt CP3127 pumps, however this is due to the existing 4-ft diameter wet-well. The existing hatch size has a 36"x30" clear opening. A slightly larger opening is preferred for more clearance, but may not be feasible with the wet-well size and piping configuration. The centerline offset between the submersible pumps must be maintained at 18" of separation.

Clarifications:

1. Please refer to the revised Bid Form, which includes an FPL Allowance of \$1,500 for a new riser and hand hole, if required.
2. SJCUD will furnish a new RTU to be mounted to the new electrical equipment rack by the electrical subcontractor. The Contractor shall subcontract with an approved SCADA vendor to furnish and install all other materials required (i.e. antenna, mast, coax cable, signal wiring, etc.)

with the exception of the water and force main pressure transmitters, which are not required. SJCUD staff will perform programming and start-up once the field installation is complete.

THE BID DUE DATE REMAINS January 10, 2018 AT 2:00 P.M.

Acknowledgment

Sincerely,

Signature and Date

Bob Quinney
Procurement & Contracts Coordinator

Printed Name/Title

Company Name (Print)

END OF ADDENDUM NO. 2

2 Pages follow



St. Johns County Board of County Commissioners

Purchasing Division

BID NO: 18-28

**OFFICIAL COUNTY BID FORM
ST. JOHNS COUNTY, FLORIDA**

PROJECT: Sand Dollar Lift Station Repair

TO: THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA

DATE SUBMITTED: _____

BID PROPOSAL OF

Full Legal Company Name

Mailing Address Telephone Number Fax Number

Bidders: Having become familiar with requirements of the project, and having carefully examined the Bidding Documents and Specifications entitled for Bid No: 18-28 Sand Dollar Lift Station Repair in St. Johns County, Florida; the undersigned proposes to furnish all materials, labor and equipment, supervision and all other requirements necessary to comply with the Contract Documents to submit the following Bid Proposal summarized as follows:

BASE BID 1 LUMP SUM PRICE: (As per plans and specifications)

\$ _____
Base Bid 1 Lump Sum Price (Numerical)

Base Bid 1 Lump Sum Price (Amount written or typed in words) /100 Dollars

BASE BID 2 LUMP SUM PRICE: (As per plans and specifications)

\$ _____
Base Bid 2 Lump Sum Price (Numerical)

Base Bid 2 Lump Sum Price (Amount written or typed in words) /100 Dollars

BASE BID 3 LUMP SUM PRICE: (FP&L Allowance)

\$ 1,500.00
Base Bid 3 Lump Sum Price (Numerical)

One Thousand Five Hundred Dollars /100 Dollars
Base Bid 3 Lump Sum Price (Amount written or typed in words)

TOTAL LUMP SUM BID PRICE: (Base Bid 1 + Base Bid 2 + Base Bid 3) (As per plans and specifications)

\$ _____
Total Lump Sum Price (Numerical)

_____/100 Dollars
Total Lump Sum Price (Amount written or typed in words)

Bidder shall insert the Total Lump Sum Bid Price in numerals and in words. Any discrepancy between the two submitted amounts shall be determined by the amount written in words.



St. Johns County Board of County Commissioners

Purchasing Division

ADDENDUM #1

December 19, 2017

To: Prospective Bidders
From: St. Johns County Purchasing Department
Subject: Bid No. 18-28, Sand Dollar Lift Station Repair

This Addendum #1 is issued for further respondent's information and is hereby incorporated into the Bid documents. Each respondent will ascertain before submitting a bid proposal that he/she has received all Addenda, and return an original and two (2) copies of this signed Addendum with the submitted bid proposal to the St. Johns County Purchasing Department, 500 San Sebastian View; St. Augustine, FL 32084.

Addition:

Attached are the updated plans for St. Johns County Lift Station to be used for the Sand Dollar Lift Station Repairs

THE BID DUE DATE REMAINS WEDNESDAY, JANUARY 10, 2018 AT 2:00 P.M.

Acknowledgment

Sincerely,

Signature and Date


Robert Quinney
Procurement Coordinator

Printed Name/Title

Company Name (Print)

END OF ADDENDUM NO: 1

Five (5) pages follow

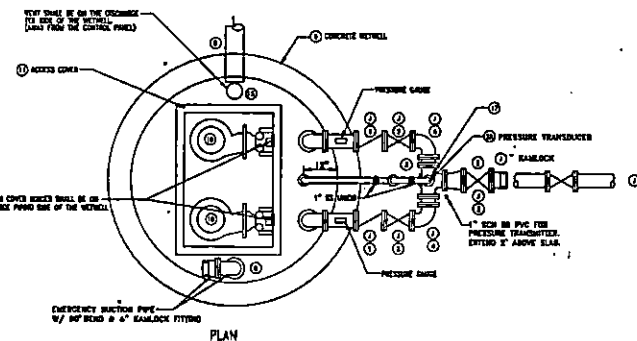


ST. JOHNS COUNTY UTILITY DEPARTMENT
 1805 STATE ROAD 16
 ST. AUGUSTINE, FLORIDA 32084
 Phone (904) 209-2700

DESIGNED BY	J.D.
DRAWN BY	J.D.
CHECKED BY	J.D.
SCALE	AS SHOWN

SAND DOLLAR 3 & 4
 LIFT STATION IMPROVEMENTS
 SITE PLAN & SUCUD STANDARD DETAIL

Sheet No. 1
 of 1



PLAN

LIFT STATION	
STATION ELEVATIONS	
① TOP ELEVATION	10.0'
② CRANE ELEVATION	10.0'
③ INFLUENT BOWTIE 36" DIA. x 4' H. ELEVATION	11.0'
④ HIGH WATER ALARM	11.0'
⑤ LEAD PUMP ON (D.G. 1)	11.0'
⑥ LEAD PUMP ON (D.G. 2)	11.0'
⑦ ALL PUMPS OFF	11.0'
⑧ BOTTOM OF WET WELL	10.0'

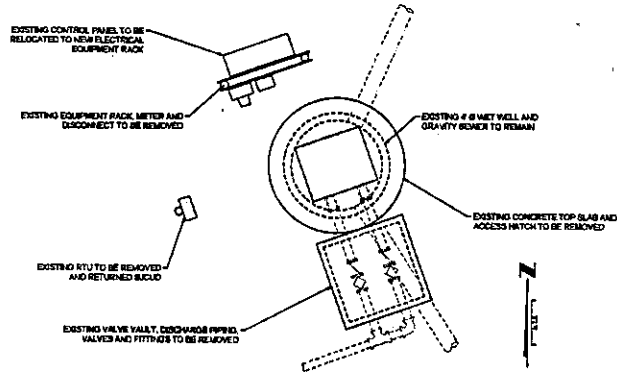
STATION INFORMATION	
① PUMP DISCHARGE PIPING SIZE	4"
② FORCE MAIN PIPING SIZE	6"
③ TOP SLAB THICKNESS (MIN)	8"
④ SIDE WALL THICKNESS (MIN)	R/2
⑤ BOTTOM SLAB THICKNESS (MIN)	R/2
⑥ BOTTOM SLAB DIAMETER (MIN)	R/2
⑦ WET WELL DIAMETER	EXISTING 48"
⑧ EMERGENCY BATTERY PIPING SIZE	4"

PUMP INFORMATION	
NUMBER OF PUMPS	2
PUMP MANUFACTURER	FLINT
PUMP MODEL	Q23172
IMPELLER D.	4.625
DISCHARGE	4"
WATER RPM	1725
HP	2.20
WELLS	2
PHASE	3Ø
MANIFOLD CODE	LINE 07H AT LINE 1710N
REN-OUT CODE	LINE 07H AT LINE 1710N
PUMP ACCESS HATCH SIZE	24" x 30"
ELECTRICAL SERVICE AMP	(100 or 200) 120V

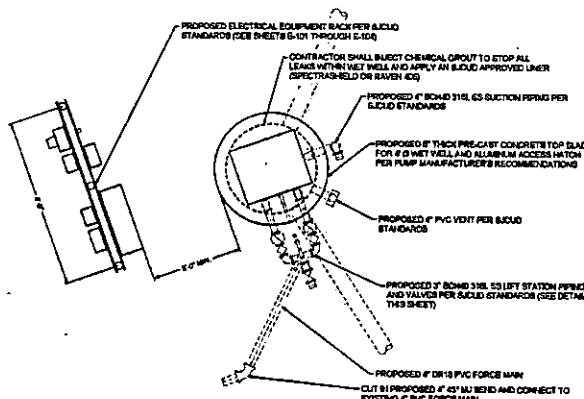
MECHANICAL EQUIPMENT SCHEDULE	
①	CHECK VALVE, SWIRL-TYPE LEVER FACING OUTSIDE, LEVER AND SPRING OPERATED, IRON BODY, BRONZE MOUNTED
②	PLUM VALVE, CAST IRON BODY, LEVER ACTUATED
③	CONTRACTOR TO INSTALL: (1) 1" STAINLESS STEEL BALL VALVES (2) 1" STAINLESS STEEL TEE INSTRUMENTATION (3) 1/2" x 1/2" MALE TO MALE INFLATE
④	STAINLESS STEEL TEE
⑤	STAINLESS STEEL, SHORT RADIUS 90° BEND
⑥	STAINLESS STEEL 45° BEND
⑦	STAINLESS STEEL 4" x 4" REDUCER
⑧	3/4" STAINLESS STEEL PIPE (SCH 40)
⑨	DUCTILE IRON PUMP BASE
⑩	INFLUENT PIPE (SEE PLANS)
⑪	CONCRETE METWELL
⑫	NON-CLOS SUBMERSIBLE PUMP (EXISTING)
⑬	ALUMINUM METWELL ACCESS COVER (TOPEND PER PUMP MANUFACTURER)
⑭	STAINLESS STEEL BRICK BOLTS
⑮	FLANGES AND PUMP CONTROLS PROVIDED BY PUMP MANUFACTURER AS SPECIFIED IN ELECTRICAL DETAILS
⑯	PUMP MOTOR CABLE
⑰	PARSYSE 3000 NEUTRALIZATION DEVICE
⑱	1" STAINLESS STEEL CABLE BOLDS
⑲	1" STAINLESS STEEL BOW OFF LINE TO WETWELL-SECURE LINE TO WETWELL SLAB W/ UNSTRUT WITH LAGERS
⑳	1/4" STAINLESS STEEL WITH 16" OF CLEAR LINES

NOTES:

- ACCESS COVER FOR THE WETWELL SHALL BE 1/4" ALUM. TREAD PLATE WITH STAINLESS STEEL MARGIN. COVER SHALL BE PROVIDED WITH LIFTING RINGS. LIFTING RING AND SAFETY LATCH TO HOLD COVER OPEN, OPERATE IN WETWELL SLAB AS PER MANUFACTURER'S SPECIFICATIONS.
- ALL CONCRETE SHALL BE 4" THICK AND REINFORCED WITH 6" x 6" @ 18" O.C. WITH EXCEPT OTHERWISE NOTED WHICH SHALL BE 10" THICK.
- 1/2" HOLE MOUNTING HOLES AND CONDUIT HOLES SHALL BE CORE DRILLED IN THE FIELD AS PER SHOP DRAWINGS OR ACTUAL FIELD REQUIREMENTS.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF PRECAST WETWELL. SHOP DRAWINGS SHALL INCLUDE ALL NECESSARY STRUCTURAL AND FLUTATION CALCULATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ELECTRICAL POWER TO THE PUMPING STATION. THREE PHASE POWER IS REQUIRED. THIS WORK IS TO BE COORDINATED WITH FLORIDA POWER AND LIGHT.
- THE INTERIOR OF THE WET WELL AND RECEIVING MANHOLE SHALL BE COATED WITH LINER BY APPROVED MANUFACTURER.
- A LIGHTNING ARRESTER SHALL BE SUPPLIED AND INSTALLED BY THE "SYSTEM" SUPPLIER.
- A BUNKIE SUPPRESSOR SHALL BE SUPPLIED AND INSTALLED BY THE "SYSTEM" SUPPLIER.
- AN ANODE SLAB SHALL BE SUPPLIED AND INSTALLED BY THE "SYSTEM" SUPPLIER.
- THE SURFACE OF THE WET WELL SHALL FIRST BE PROVIDED BY GRINDING THE WET WELL AS REQUIRED TO OBTAIN A SMOOTH SURFACE. THE COATED SHALL BE WARRANTED FOR A MINIMUM OF 10 YEARS FOR MATERIAL AND WORKMANSHIP.
- PLUM VALVE OPERATOR SHALL BE MOUNTED PARALLEL TO CARDS AND FACE OUTWARD.

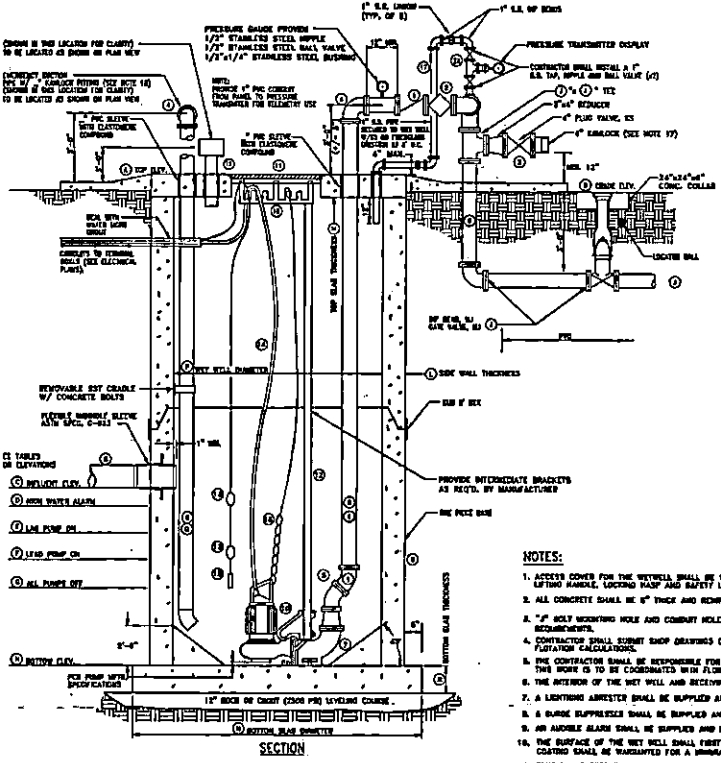


EXISTING SITE PLAN



PROPOSED SITE PLAN

- NOTES:
- THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING FLORIDA STATE OR CALL 911 FOR EXISTING UTILITY LOCATED PRIOR TO DIGGING.
 - THE CONTRACTOR IS RESPONSIBLE FOR SET UP, OPERATION, AND MONITORING (VA AUTOCALCULATOR SERVICE) OF TEMPORARY BYPASS PUMP DURING CONSTRUCTION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND DISPOSING ALL CONSTRUCTION DEBRIS EXCEPT AS NOTED ABOVE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF BODIES FROM WET WELL.
 - THE CONTRACTOR SHALL PURCHASE AND INSTALL ALL MATERIAL AND EQUIPMENT SHOWN WITH THE EXCEPTION OF THE CONTROL PANEL, SUBMERSIBLE PUMPS, AND RTU WHICH ARE EXISTING OR WILL BE PROVIDED BY SUCUD.
 - THE CONTRACTOR SHALL FILL IN LOW AREAS AND RESTORE ALL AREAS DISTURBED BY CONSTRUCTION TO THEIR EXISTING CONDITION OR BETTER.
 - PLUM VALVE GRAY SHALL BE INSTALLED ADJACENT TO CHECK VALVE REGARDLESS OF FLOW ARROW ON VALVE.
 - RFE BACKFLOW PREVENTER PIPING ABOVE GRADE SHALL BE TREATED BRASS WITH BRASS OR STAINLESS STEEL FITTINGS AND VALVES.
 - SITE GRADING SHALL PROVIDE FOR DRAINAGE OF WATER TO THE DRIVEWAY SIDE OF SITE.
 - ICES SHOWN IN "STATION INFORMATION" ABOVE ARE MINIMUMS AND MAY NEED TO BE LARGER BASED ON SPECIFIC SITE DESIGN.
 - ALL ABOVE FITTINGS SHALL BE PAINTED FOREST GREEN (OR BASED).
 - ONE STAINLESS STEEL SUPPORT SHALL BE INSTALLED UNDER EACH PLUM VALVE.
 - ALL PIPE SHALL BE FLANGED.
 - ALL STAINLESS STEEL MUST BE SCHEDULE 40.
 - BEYOND THE PRESSURE TRANSDUCER DISPLAY TO MATCH THE INSTRUMENTAL INSTALLATION, BEYOND THE PRESSURE TRANSDUCER MOUNTING TEE EACH DIAF THE PRESSURE TRANSDUCER DISPLAY FACES SOUTH OF BOLT.
 - ALL MOUNTING HARDWARE SHALL BE 316 STAINLESS STEEL INCLUDING, BUT NOT LIMITED TO, NUTS, BOLTS, BRACKETS.



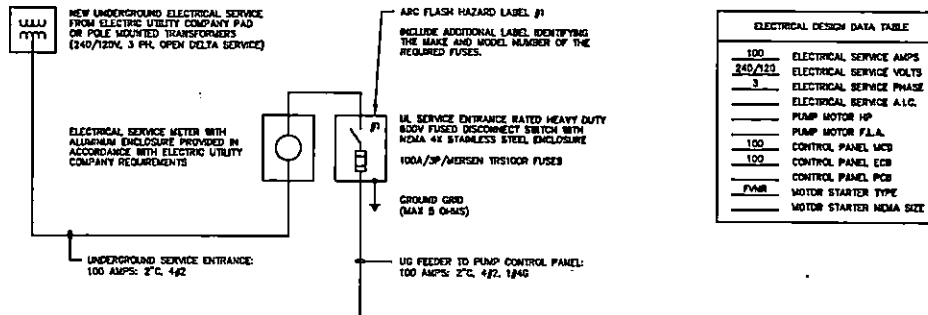
SECTION

NOTES:

- DESIGN DRAWINGS ARE DIAGNOSTIC AND INTENDED TO SHOW THE GENERAL REQUIREMENTS. ALL EQUIPMENT AND INSTALLATION SHALL BE IN ACCORDANCE WITH ST. JOHNS COUNTY DESIGN STANDARDS AND SPECIFICATIONS.
- ALL MATERIAL SHALL BE NEW AND SHALL CONFORM WITH THE STANDARDS OF THE UNDERWRITERS LABORATORIES, INC., AMERICAN NATIONAL STANDARDS INSTITUTE, NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION, INSULATED POWER CABLE ENGINEERS ASSOCIATION, AND INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS. IN EVERY CASE WHERE SUCH A STANDARD HAS BEEN ESTABLISHED FOR THE PARTICULAR TYPE OF MATERIALS IN QUESTION.
- THE INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE REGULATIONS OF THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE, NATIONAL ELECTRICAL SAFETY CODE, APPLICABLE CITY, STATE, AND LOCAL CODES AND REGULATIONS AND OTHER APPLICABLE CODES, INCLUDING UTILITY COMPANY CODES.
- ALL PERMITS REQUIRED BY STATE OR LOCAL ORDINANCES SHALL BE OBTAINED, AND AFTER COMPLETION OF THE WORK, A CERTIFICATE OF FINAL INSPECTION AND APPROVAL FROM THE ELECTRICAL INSPECTOR SHALL BE FURNISHED TO THE OWNER. ALL PERMITS FOR INSTALLATION, INSPECTIONS, CONNECTIONS, ETC. SHALL BE TAKEN OUT AND PAID FOR BY THE CONTRACTOR AS PART OF THE WORK UNDER THIS SECTION.
- ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED TO BE FREE FROM DEFECTS. ANY PART OF THE SYSTEM CONSIDERED DEFECTIVE BY THE ENGINEER WITHIN THE GUARANTEE PERIOD SHALL BE IMMEDIATELY REPLACED OR CORRECTED TO THE ENGINEER'S SATISFACTION WITHOUT FURTHER EXPENSE TO THE OWNER.
- THE PROJECTS GROUNDING SYSTEM SHALL CONSIST OF A GROUNDING ELECTRODE SYSTEM IN ACCORDANCE WITH IEEE SPECIFICATIONS, BONDED TO A MAIN GROUND BUS INTERCONNECTING ALL POWER DISTRIBUTION EQUIPMENT. GROUND ROD SECTIONS SHALL BE COUPLED AND BROWN TO ESTABLISH A MAXIMUM RESISTANCE TO GROUND OF 5 OHMS THROUGHOUT THE GROUNDING SYSTEM.
- UNLESS OTHERWISE INDICATED, ELECTRICAL EQUIPMENT ENCLOSURES SHALL BE NEMA 12/20R ALUMINUM OR 316 STAINLESS STEEL. CONDUCTORS SHALL BE STRANDED AND TYPE 90-COPPER; UNDERGROUND CONDUIT SHALL BE SCH 40 PVC EXPOSED CONDUIT SHALL BE SCH 80 PVC CONDUIT INTO THE WET WELL SHALL BE PVC COATED RIGID ALUMINUM. SUPPORT CHANNELS AND MOUNTING STRUT SHALL BE MINIMUM 1 1/2" x 1 1/2" ALUMINUM. ALL MOUNTING HARDWARE SHALL BE 316 STAINLESS STEEL, INCLUDING BUT NOT LIMITED TO NUTS, BOLTS, WASHERS, BRACKETS, ETC. NUTS AND BOLTS WITH ANTI-SLIZZ CORROSION SHALL BE USED. SCREWS ARE NOT ALLOWED. ALL MATERIALS AND INSTALLATION SHALL BE SUITABLE FOR "CORROSIVE ATMOSPHERES".
- THE PUMP CONTROL PANEL, WET WELL LEVEL CONTROL SYSTEM SHALL INCLUDE LEAD PUMP SELECTOR SWITCH AND AUTOMATIC ALTERNATOR FOR AUTOMATIC LEAD/LAG PUMP CONTROL AND ALTERNATOR AND 24V CONTROL, POWER TRANSFORMER AND HIGH/AG/LEAD/OFF LEVEL FLOAT SWITCHES FOR PUMP CONTROL AND HIGH LEVEL ALARM.
- DUCT SEAL IS REQUIRED AT ALL CONDUIT CONNECTIONS IN AND OUT OF THE EQUIPMENT CABLE TERMINAL BOXES. ADDITIONALLY, DUCT SEAL IS REQUIRED AT ALL CONDUIT CONNECTIONS IN AND OUT OF THE PUMP CONTROL PANEL.
- PROVIDE SITE LIGHT POLE WITH SERVICE FROM THE PUMP CONTROL PANEL (3/4" x 3/12). PROVIDE HP DUPLEX ON RECEPTACLE WITH CAST ALUMINUM BOX AND COVER, AND HP LIGHT SWITCH WITH CAST ALUMINUM BOX AND COVER, MOUNTED ADJACENT TO THE PUMP CONTROL PANEL. SITE LIGHT POLE SHALL BE FIBERGLASS DIRECT BURIED POLE WITH BLACK FINISH. LUMINAIRE SHALL BE AEL MODEL LH2-LUS-12V-120V-BA-SH WITH 18" LONG ALUMINUM SPOKE BRACKET ARM. LUMINAIRE MOUNTING HEIGHT SHALL BE 12'. LOCATE LIGHT POLE ON FRONT-HAND SIDE OF THE PUMP CONTROL PANEL.
- IN ACCORDANCE WITH THE LATEST ST. JOHNS COUNTY UTILITIES DEPARTMENT STANDARDS, THE NEW PUMP CONTROL PANEL, EXPLOSION PROTECTED TYPE EX TERMINAL BOXES, WET WELL LEVEL CONTROLS, AND IA SERVICE ENTRANCE MAIN FUSED DISCONNECT SWITCH SHALL BE FURNISHED BY THE SJCD APPROVED LIFT STATION ELECTRICAL EQUIPMENT SUPPLIER.
- IN ACCORDANCE WITH THE LATEST ST. JOHNS COUNTY UTILITIES DEPARTMENT STANDARDS, THE SCADA SYSTEM RTU, ANTENNA MAST, AND ANTENNA SHALL BE PROVIDED BY A SJCD APPROVED SCADA SYSTEM INTEGRATOR. FOR STATIONS EQUIPPED WITH FORCE MAIN PRESSURE SENSORS AND/OR WATER MAIN PRESSURE SENSORS, THE PRESSURE SENSOR SHALL BE PROVIDED BY THE SCADA SYSTEM INTEGRATOR.

ELECTRICAL SYSTEMS ANALYSIS:

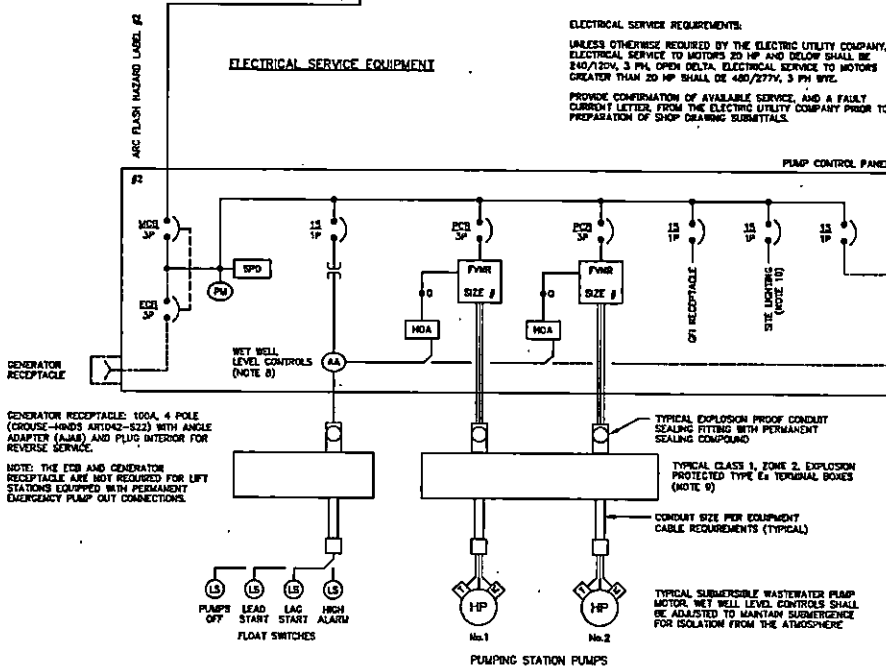
- THE CONTRACTOR SHALL INCLUDE A BID ALLOWANCE IN THE AMOUNT OF \$2,000.00 TO OBTAIN THE SERVICES OF AN INDEPENDENT SPECIALTY ENGINEERING FIRM TO PROVIDE A PRELIMINARY AND A FINAL SHORT CIRCUIT, DEVICE EVALUATION, PROTECTIVE DEVICE COORDINATION, AND AN FLASH STUDY OF THE COMPLETE ELECTRICAL DISTRIBUTION SYSTEM, IN ACCORDANCE WITH SJCD STANDARDS.
- THE CONTRACTOR SHALL PROVIDE, WITH THE SHOP DRAWING SUBMITTALS, A LISTING OF THE FOLLOWING INFORMATION FOR EACH POWER DISTRIBUTION FEEDER: CONDUIT SIZE, CONDUIT TYPE, CONDUCTOR SIZE, CONDUCTOR TYPE, CONDUCTOR LENGTH.
- THE SERVICE ENTRANCE MAIN FUSED DISCONNECT SWITCH FUSE SELECTION SHALL BE IN ACCORDANCE WITH THE SJCD STANDARDS. FUSES: FERRA SHAMUIT TRISIOR AND TRISIOR. HOWEVER, SELECTION OF AN INTERMEDIATE TRIS-I0 FUSE SHALL BE UTILIZED WHEN POSSIBLE TO REDUCE THE DOWNSTREAM HAZARD RISK CATEGORY.
- THE CONTRACTOR SHALL PROVIDE THE SERVICE ENTRANCE FUSE SIZE DETERMINED BY THE FINAL APPROVED ELECTRICAL SYSTEMS ANALYSIS.



ELECTRICAL DESIGN DATA TABLE	
100	ELECTRICAL SERVICE AMPS
240/120	ELECTRICAL SERVICE VOLTS
3	ELECTRICAL SERVICE PHASE
	ELECTRICAL SERVICE A.I.C.
	PUMP MOTOR HP
100	PUMP MOTOR F.L.A.
100	CONTROL PANEL MCB
	CONTROL PANEL EOB
	CONTROL PANEL PCB
	MOTOR STARTER TYPE
	MOTOR STARTER NEMA SIZE

- ELECTRICAL LEGEND**
- 100 SP (Symbol)
 - PVNR (Symbol)
 - SIZE 1 (Symbol)
 - 10 (Symbol)
 - CT (Symbol)
 - 0 (Symbol)
 - HDA (Symbol)
 - AA (Symbol)
 - PA (Symbol)
 - LS (Symbol)
 - LC (Symbol)
 - SPD (Symbol)
 - CIRCUIT BREAKER (TRIP RATING/POLES)
 - "MCP" MAIN BREAKER, "ECB" EMERGENCY BREAKER
 - "PCB" PUMP MOTOR BREAKER
 - MAGNETIC TYPE COMBINATION MOTOR STARTER, NEMA SIZE AS INDICATED ("TY" FULL VOLTAGE, "RV" REDUCED VOLTAGE, "NM" NON-REVERSING, "SS" SOLID STATE SOFT START, "VFD" VARIABLE FREQUENCY DRIVE)
 - MOTOR (HORIZONTAL POSITION INDICATES HORSEPOWER)
 - TRANSFORMER ("CT" CURRENT TRANSFORMER, "CP" CONTROL POWER TRANSFORMER)
 - GREEN "RUNNING" PILOT LIGHT (LED TYPE)
 - HAND OFF AUTO SELECTOR SWITCH
 - AUTOMATIC ALTERNATOR
 - THREE PHASE POWER MONITOR
 - LEVEL SWITCH
 - LEVEL CONTROLLER
 - SURGE PROTECTION DEVICE

ELECTRICAL SERVICE REQUIREMENTS:
 UNLESS OTHERWISE REQUIRED BY THE ELECTRIC UTILITY COMPANY, ELECTRICAL SERVICE TO MOTORS 20 HP AND BELOW SHALL BE 240/120V, 3 PH, OPEN DELTA. ELECTRICAL SERVICE TO MOTORS GREATER THAN 20 HP SHALL BE 480/277V, 3 PH WYE.
 PROVIDE COORDINATION OF AVAILABLE SERVICE, AND A FAULT CURRENT LETTER FROM THE ELECTRIC UTILITY COMPANY PRIOR TO PREPARATION OF SHOP DRAWING SUBMITTALS.



TYPICAL SJCD LIFT STATION -- SINGLE LINE DIAGRAM

ALL ALL EQUIPMENT LOCATED WITHIN THE WET WELL AND EXPOSED TO POTENTIAL HAZARDOUS CONCENTRATIONS OF FLAMMABLE GASES OR VAPORS, SHALL BE RATED FOR CLASS I, DIVISION 1, GROUP D LOCATIONS. ALL ELECTRICAL EQUIPMENT AND INSTALLATION SHALL BE SUITABLE FOR CORROSIVE CONDITIONS.

NO.	BY	DATE	SYMBOL	REVISIONS	DESIGNER	DESIGN CHECKER
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2.						
3.						
4.						

DESIGNER	DESIGN CHECKER
CHECKED BY	FLORIDA REGISTRATION NO.
DATE	



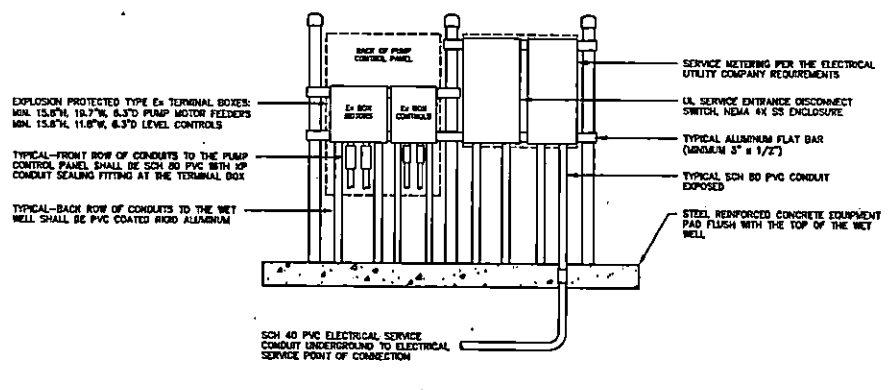
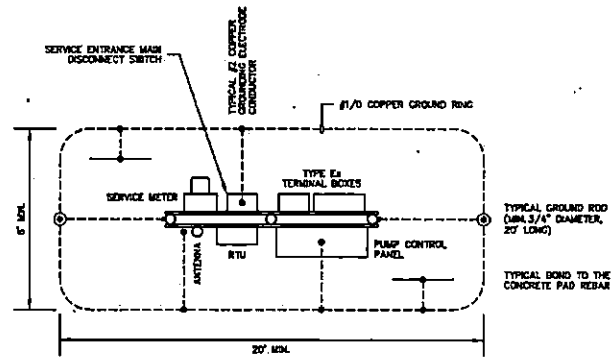
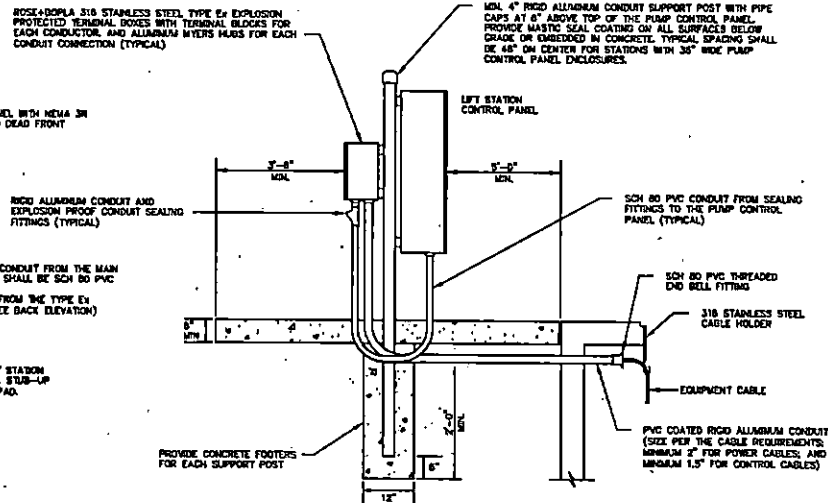
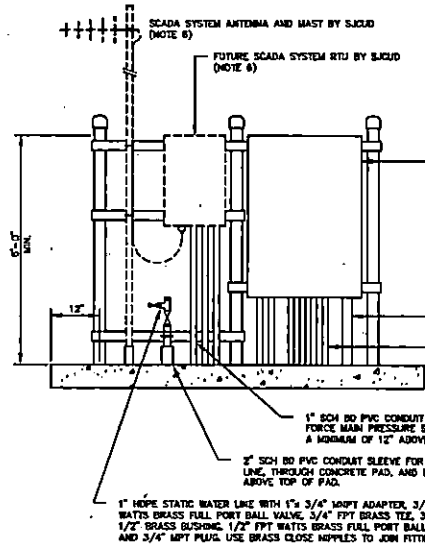
**ST. JOHNS COUNTY
 UTILITY DEPARTMENT**
 ONE WYCK OFFICE PL.
 ST. JOHNS COUNTY, FLORIDA 32059-4000
 PHONE (904) 291-2700 • FAX (904) 291-2700

**SJCD STANDARD SUBMERSIBLE LIFT STATION
 ELECTRICAL SINGLE LINE DIAGRAM
 100 AMP 240/120V 3 PHASE**

NO. SHEETS
 SHEET NO.
 DRAWING NO. E-101

NOTES:

1. THE CONTRACTOR SHALL SCHEDULE AN ELECTRICAL PRE-CONSTRUCTION COORDINATION SITE MEETING WITH SJUCD AND THE ELECTRICAL DESIGN ENGINEER TO COORDINATE SITE SPECIFIC REQUIREMENTS OF THE ELECTRICAL EQUIPMENT INSTALLATION.
2. THE CONTRACTOR SHALL SCHEDULE AN ELECTRICAL ROUGH-IN SITE INSPECTION WITH SJUCD AND THE ELECTRICAL DESIGN ENGINEER TO INSPECT THE ELECTRICAL EQUIPMENT INSTALLATION PRIOR TO POURING CONCRETE.
3. GROUNDING ELECTRODE SYSTEM: PROVIDE A GROUND RING PER NEC 250.132, ENVELOPING THE ELECTRICAL SERVICE EQUIPMENT, CONSISTING OF CONTINUOUS #1/0 TIAWED COPPER CONDUCTOR AT 30" BELOW GRADE.
4. PROVIDE GROUND RODS (MINIMUM 3/4" DIAMETER, 20' LONG COPPER CLAD STEEL) BONDED TO EACH END OF THE GROUND RING, AT LEAST 20' APART. GROUND ROD SECTIONS SHALL BE COUPLED AND DRIVEN TO ESTABLISH A MAXIMUM RESISTANCE TO GROUND OF 5 OHMS THROUGHOUT THE GROUNDING ELECTRODE SYSTEM.
5. GROUNDING ELECTRODE CONDUCTOR: PROVIDE MINIMUM #2 TIAWED COPPER GROUNDING ELECTRODE CONDUCTOR FROM THE GROUND RING TO THE SERVICE ENTRANCE DISCONNECT SWITCH, PUMP CONTROL PANEL, RTU, SCADA SYSTEM ANTENNA TOWER, ELECTRICAL EQUIPMENT RACK, END POSTS, AND FENCE. INSTALL GROUNDING ELECTRODE CONDUCTORS IN 3/4" SCH 80 PVC CONDUIT SLEEVES FOR MECHANICAL PROTECTION.
6. THE CONTRACTOR SHALL REVIEW THE SCADA SYSTEM DETAILS AND SHALL MAKE ALL PROVISIONS REQUIRED FOR THE FUTURE INSTALLATION OF THE SCADA SYSTEM RTU AND ANTENNA INCLUDING: SLEEVE FOR THE ANTENNA MAST, GROUND ROD FOR THE ANTENNA MAST, RTU POWER AND CONTROL CONDUITS, FORCE MAIN PRESSURE TRANSMITTER CONDUIT, AND THE WATER MAIN PRESSURE TRANSMITTER STATIC WATER LINE.



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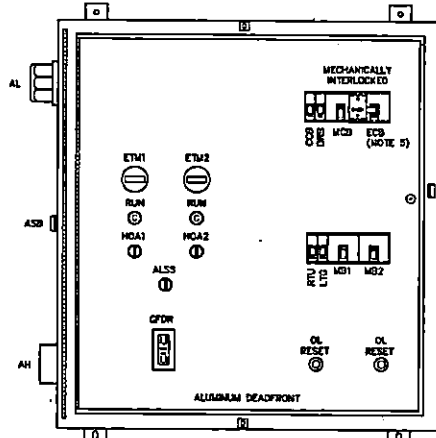
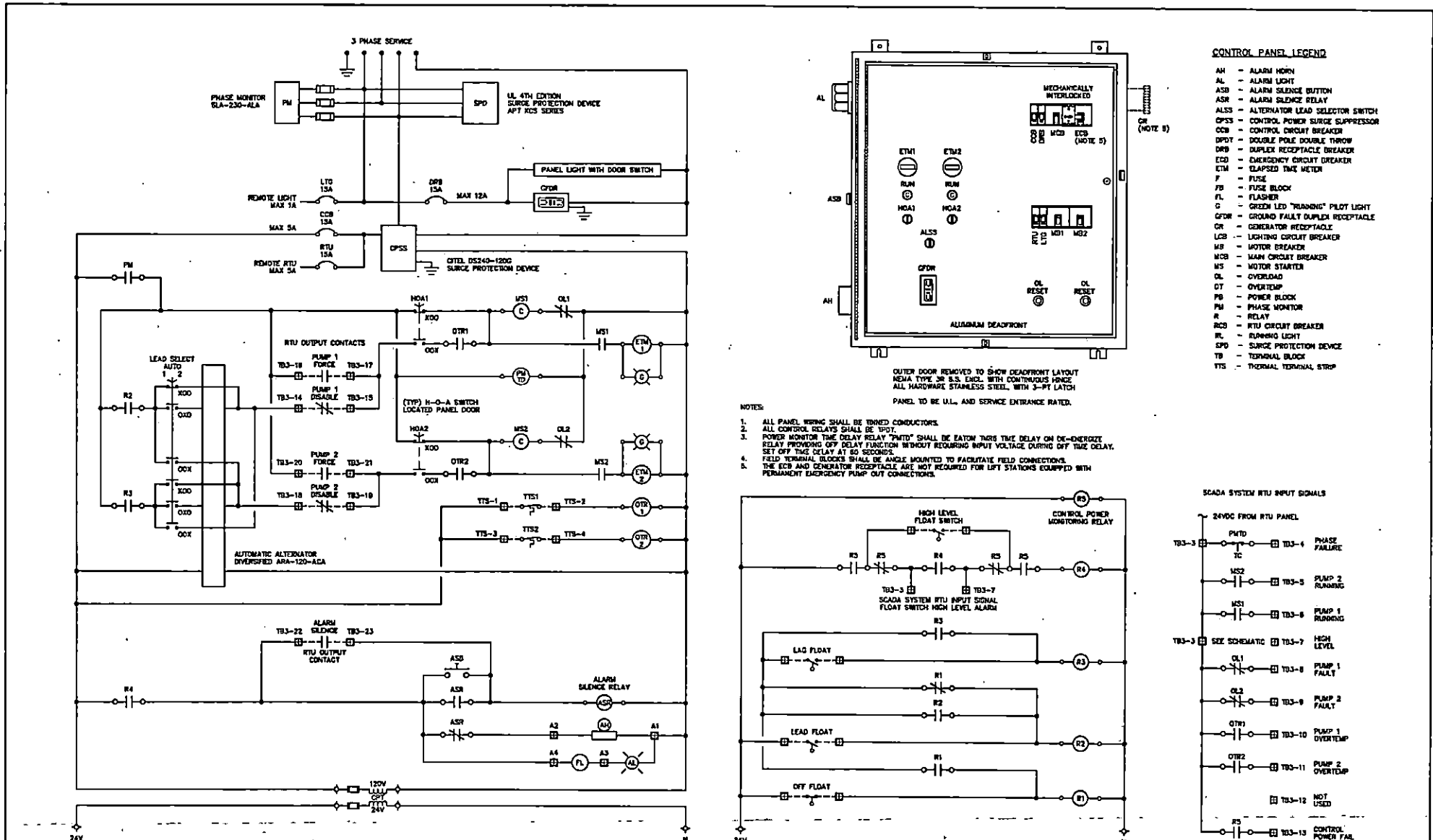
DESIGNED BY	CHECKED BY	DATE



ST. JOHNS COUNTY
UTILITY DEPARTMENT
1000 STATE ROAD 16
ST. AUGUSTINE, FLORIDA 32084-0000
Phone: (904) 826-0700 • Fax: (904) 826-0702

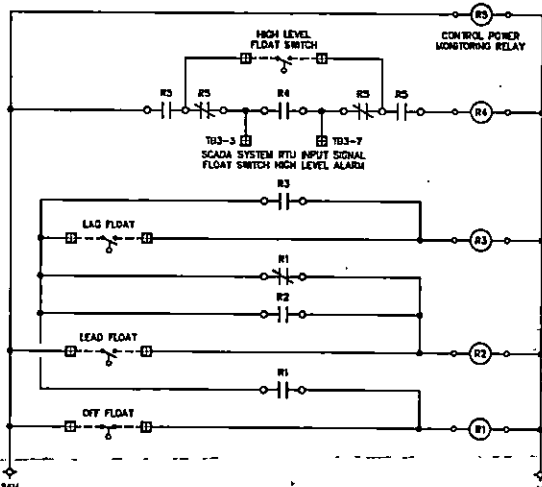
SJUCD STANDARD SUBMERSIBLE LIFT STATION
ELECTRICAL DETAILS
100 AMP 240/120V 3 PHASE

NO. SHEETS	SHEET NO.	DRAWING NO.



- CONTROL PANEL LEGEND**
- AL - ALARM HORN
 - AL - ALARM LIGHT
 - ASB - ALARM SILENCE BUTTON
 - ASR - ALARM SILENCE RELAY
 - ASL - ALARM SILENCE LED
 - ALSS - ALTERNATOR LEAD SELECTOR SWITCH
 - CPSS - CONTROL POWER SURGE SUPPRESSOR
 - OCB - CONTROL CIRCUIT BREAKER
 - DPDT - DOUBLE POLE DOUBLE THROW
 - DRB - DUPLEX RECEPTACLE BREAKER
 - EDC - EMERGENCY CIRCUIT BREAKER
 - ETM - ELAPSED TIME METER
 - F - FUSE
 - FB - FUSE BLOCK
 - FL - FLASHER
 - GL - GREEN LED "WARNING" PILOT LIGHT
 - GFDR - GROUND FAULT DUPLEX RECEPTACLE
 - GR - GENERATOR RECEPTACLE
 - LCB - LIGHTING CIRCUIT BREAKER
 - MB - MOTOR BREAKER
 - MCB - MAIN CIRCUIT BREAKER
 - MS - MOTOR STARTER
 - OL - OVERLOAD
 - OT - OVERTEMP
 - PM - POWER BLOCK
 - PH - PHASE MONITOR
 - R - RELAY
 - RCD - RTU CIRCUIT BREAKER
 - RL - RUNNING LIGHT
 - SPD - SURGE PROTECTION DEVICE
 - TR - TERMINAL BLOCK
 - TTS - THERMAL TERMINAL STOP

- NOTES:**
1. ALL PANEL WIRING SHALL BE TINED CONDUCTORS.
 2. ALL CONTROL RELAYS SHALL BE TPDT.
 3. POWER MONITOR TIME DELAY RELAY "PMTD" SHALL BE SET ON DE-ENERGY RELAY PROVIDING OFF DELAY FUNCTION WITHOUT REQUIRING INPUT VOLTAGE DURING OFF TIME DELAY. SET OFF TIME DELAY AT 60 SECONDS.
 4. FIELD TERMINAL BLOCKS SHALL BE ANGLE MOUNTED TO FACILITATE FIELD CONNECTIONS.
 5. THE ECB AND GENERATOR RECEPTACLE ARE NOT REQUIRED FOR LIFT STATIONS EQUIPPED WITH PERMANENT EMERGENCY PUMP OUT CONNECTIONS.



- SCADA SYSTEM RTU INPUT SIGNALS**
- 24VDC FROM RTU PANEL
 - TBS-3 - PMTD - PHASE FAILURE
 - IC -
 - MS2 - PUMP 2 RUNNING
 - MS1 - PUMP 1 RUNNING
 - TBS-3 - SEZ SCHEMATIC - HIGH LEVEL
 - OL1 - PUMP 1 FAULT
 - OL2 - PUMP 2 FAULT
 - OTR1 - PUMP 1 OVERTEMP
 - OTR2 - PUMP 2 OVERTEMP
 - TBS-12 - NOT USED
 - RS - CONTROL POWER FAIL

NO.	BY	DATE	SYMBOL	REVISIONS	DESIGNED BY	CHECKED BY	DATE
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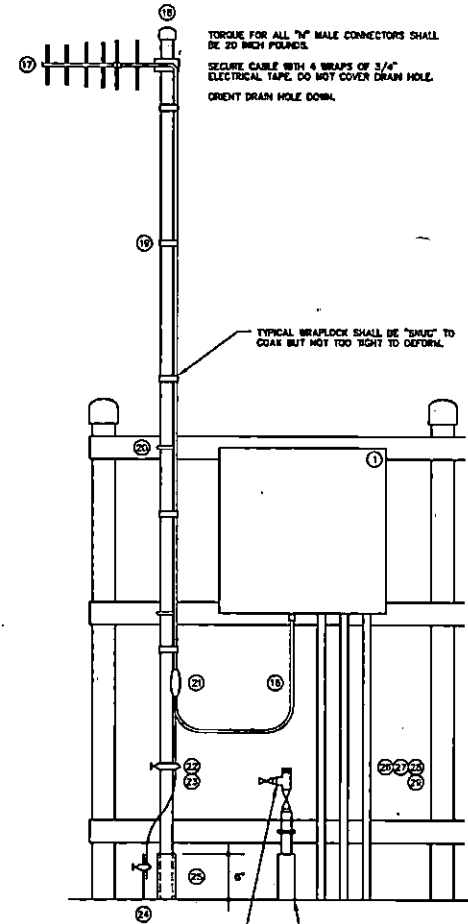
ST. JOHNS COUNTY
UTILITY DEPARTMENT
100 SOUTH PALM BLVD
PALM BEACH, FL 33480
PHONE: (561) 833-3773 • FAX: (561) 833-3788

SJCUD STANDARD SUBMERSIBLE LIFT STATION
PUMP CONTROL PANEL DETAILS
100 AMP 240/120V 3 PHASE

NO. SHEETS
SHEET NO.
DRAWING NO.
E-103

SCADA SYSTEM NOTES:

- THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A SUCO PRE-APPROVED SCADA SYSTEM INTEGRATOR TO PERFORM ALL SCADA SYSTEM ADDITIONS AND MODIFICATIONS INCLUDING, NEW RTU, ANTENNA, AND ANTENNA MAST.
- THE SCADA SYSTEM SUPPLIER SHALL MODIFY AND UPGRADE THE EXISTING SUCO MASTER SCADA SYSTEM AS REQUIRED TO INCORPORATE THE NEW FACILITIES.
- THE CONTRACTOR AND THE SCADA SYSTEM SUPPLIER SHALL COORDINATE ALL SCADA SYSTEM INSTALLATION WITH THE SUCO SCADA SYSTEM SUPERVISOR.
- THE SCADA SYSTEM RTU SHALL BE A SUCO STANDARD LIFT STATION RTU WITH MOTOROLA ACE3600 RTU CONFIGURED WITH MIXED I/O MODULES AS INDICATED. PROVIDE POWER AND SIGNAL LINE SURGE PROTECTION.
- PRIOR TO SHOP DRAWING SUBMITTALS, THE SCADA SYSTEM SUPPLIER SHALL CONFIRM RADIO/ANTENNA SELECTION WITH THE SUCO SCADA SYSTEM SUPERVISOR.
- IN ORDER TO MAINTAIN FCC PART 15 COMPLIANCE, ALL ANTENNA WORK MUST BE PERFORMED OR CERTIFIED BY AN FCC CERTIFIED TECHNICIAN. THE SUCO SCADA SUPERVISOR WILL INSPECT AND CERTIFY (AT NO CHARGE) BUT WILL NOT PERFORM CORRECTIVE ACTIONS.
- ANTENNA MAST GROUND ROD SHALL BE BONDED (UNDERGROUND) TO THE STATION ELECTRICAL SYSTEM GROUNDING GRID.
- ALL "LIGHTNING PROTECTION" GROUNDING CONDUCTORS SHALL HAVE AN EVEN SLOPE FROM POINT OF CONTACT TO THE GROUND ROD (NO 90° BENDS).
- ALL GROUND CONTACT POINTS SHALL BE PROTECTED BY AN ANTI-OXIDATION COMPOUND.
- ALL RF CONNECTORS SHALL BE TIGHTENED TO MANUFACTURER SPECIFICATIONS, AND SHALL BE PROPERLY SEALED. COLD SHRINK IS NOT ACCEPTABLE.
- DRAIN HOLES ON ANTENNAS MUST BE ORIENTED DOWN.
- ALL THREADED CONNECTIONS, EXCEPT ANTENNA CONNECTIONS, SHALL BE PROTECTED WITH ANTI-SEIZE TREATMENT.
- THE "POWER" CONDUIT FROM THE RTU TO THE PUMP CONTROL PANEL SHALL BE USED FOR ALL 120 VAC CONDUCTORS, INCLUDING THE RTU INPUT POWER AND THE DIGITAL OUTPUT CONDUCTORS.
- THE "CONTROL" CONDUIT FROM THE RTU TO THE PUMP CONTROL PANEL SHALL BE USED FOR ONLY 24 VDC CONDUCTORS, INCLUDING THE DIGITAL INPUT SIGNAL CONDUCTORS AND THE ANALOG INPUT SIGNAL CABLES. PROVIDE STP/FIB CABLE FOR EACH ANALOG INPUT SIGNAL.
- PROVIDE DIN RAIL ON BACK PLANE AT THE RTU RADIO MOUNTING LOCATION FOR THE 4RF RADIO MOUNTING BRACKET MOUNT THE DIN RAIL USING EXISTING TAPPED SCREW HOLES. DO NOT DRILL AND TAP NEW HOLES.
- THE SCADA SYSTEM SUPPLIER SHALL PROVIDE THE FORCE MAIN PRESSURE TRANSMITTER, INCLUDING ASHROFT TYPE 330 FLUSH DIAPHRAGM SEAL, AND ALIGNMENT WRENCH METRIC TO 1/2" NPT CONDUIT CONNECTION ADAPTER.

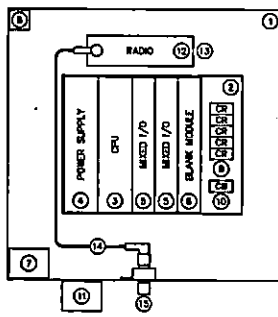


PROVIDE 1" HDPE STATIC WATER LINE WITH 1" 3/4" NPT ADAPTER, 3/4" F77 WATTS BRASS FULL PORT BALL VALVE, 3/4" F77 BRASS TEE, 3/4" x 1/2" BRASS BUSHING, 1/2" F77 WATTS BRASS FULL PORT BALL VALVE, AND 3/4" NPT PLUG.

2" SCH 80 PVC CONDUIT SLEEVE FOR STATIC WATER LINE, THROUGH CONCRETE PAD, AND EXTENDING 3" ABOVE TOP OF PAD.

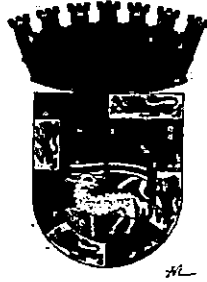
SCADA SYSTEM ANTENNA DETAIL
NOT TO SCALE

SCADA SYSTEM EQUIPMENT SCHEDULE	
ITEM	DESCRIPTION
1	RTU ENCLOSURE, SCHAEFER'S ELECTRICAL ENCLOSURE MODEL SPN4AL-2020B-73S, DO NOT SUBSTITUTE, NEMA 12/SR ALUMINUM ENCLOSURE, PADLOCK PROVISIONS, ALUMINUM TOP, SIDES, AND DOOR SLIP SHIELDS
2	MOTOROLA ACE3600 METAL CHASSIS WITH 3 I/O SLOT FRAME V214/V103
3	MOTOROLA ACE3600 RTU WITH UPGRADE TO CPU3680 AND SECURITY ENABLE OPTION F7509/V448/V400380AA
4	MOTOROLA CPU PLUG-IN ETHERNET 10/100 M PORT V212
5	MOTOROLA ACE3600 AC POWER SUPPLY WITH BATTERY CHARGER V281
6	MOTOROLA ACE3600 MIXED I/O MODULE 18DI, 4QD EE, 4AI, ±20 mA WITH FLOATING POWER SUPPLY V249/V220
7	MOTOROLA ACE3600 BLANK I/O MODULE V20
8	MOTOROLA BATTERY POWER CABLE FKM378
9	BATTERY BACKUP 12V, 7AH, SEALED RECHARGEABLE SLA BATTERY, TOYO-USP 6FM57
10	INTRUSION SWITCH WITH PULL TO DEFEAT FEATURE HONEYWELL MICRO SWITCH 1DM401
11	DIN RAIL MOUNTED DIGITAL OUTPUT CONTROL RELAYS OMRON G2R-1-SM-DC12-S, 12VDC, SPDT, PTT
12	DIN RAIL MOUNTED CIRCUIT BREAKER SUPPLEMENTARY PROTECTOR EATON FAZ-C10/T-SP
13	DITEX DTK-120RM SURGE PROTECTION DEVICE 120VAC
14	4RF DIGITAL RADIO MODEL APS0-N220-SSC-HD-22-ENAA
15	4RF DIGITAL RADIO DIN RAIL MOUNTING BRACKET APS0-MBRK-DIN (NOTE 15)
16	RADIO POWER CABLE 12VDC WITH PLUG COMPATIBLE WITH MOTOROLA POWER SUPPLY
17	RADIO COMMUNICATION CABLE TYPE 568B ETHERNET CABLE, 1M
18	LMR-195 FLEXIBLE COAX, RIGHT ANGLE N MALE/RIGHT ANGLE 1/4" NIPPLE MALE CONNECTORS, 36" LONG
19	TWES MICROWAVE LP-H9X-NFF COAX SURGE ARRESTER
20	TWES MICROWAVE LMR-400-DB COAX, TYPE N MALE CONNECTORS EZ-400-NMH-D
21	ASTRON MODEL 220-BH ANTENNA
22	ANTENNA MAST 2" x 20' LONG SCHEDULE 40 ALUMINUM PIPE, WHITE PVC CAP
23	1/2" SS WRAPLOCK BANDS, 3' ON CENTER, 16 WRAPS ARE NOT ACCEPTABLE.
24	3/8" SS U-BOLTS. ANTI-SEIZE MUST BE USED ON ALL THREADS.
25	TESSCO GK-S38 COAX GROUND KIT
26	GROUNDING CLAMP RATED FOR DIRECT BURIAL
27	NO.4 AWC SOLID TINNED COPPER CONDUCTOR
28	COPPER CLAD STEEL GROUND ROD, 3/8" DIAMETER, 10' LONG
29	2x2" SCHEDULE 40 GRAY PVC CONDUIT SLEEVE THROUGH SLAB
30	1" SCH 80 PVC "POWER" CONDUIT TO PUMP CONTROL PANEL, 120 VAC CONDUCTORS
31	1" SCH 80 PVC "CONTROL" CONDUIT TO PUMP CONTROL PANEL, 24 VDC CONDUCTORS
32	1" SCH 80 PVC CONDUIT TO THE LIFT STATION FORCE MAIN PRESSURE TRANSMITTER
33	FORCE MAIN PRESSURE TRANSMITTER: WKA LPT-20 PART NUMBER 52871718 (SEE NOTE 16)



SCADA SYSTEM RTU DETAIL
NOT TO SCALE

RTU I/O SCHEDULE			
MIXED I/O MODULE		MIXED I/O MODULE	
DI	SIGNAL DESCRIPTION	DI	SIGNAL DESCRIPTION
01	RTU INTRUSION SWITCH	01	SPARE
02	HIGH LEVEL	02	SPARE
03	PHASE FAILURE	03	SPARE
04	PUMP 1 RUNNING	04	SPARE
05	PUMP 2 RUNNING	05	SPARE
06	PUMP 1 FAIL	06	SPARE
07	PUMP 2 FAIL	07	SPARE
08	CONTROL POWER	08	SPARE
09	PUMP 1 OVERTEMP	09	SPARE
10	PUMP 2 OVERTEMP	10	SPARE
11	TRANSDUCER HIGH LEVEL	11	SPARE
12	SPARE	12	SPARE
13	SPARE	13	SPARE
14	SPARE	14	SPARE
15	SPARE	15	SPARE
16	SPARE	16	SPARE
DO	SIGNAL DESCRIPTION	DO	SIGNAL DESCRIPTION
01	PUMP 1 DISABLE	01	ALARM SILENCE
02	PUMP 2 DISABLE	02	SPARE
03	PUMP 1 REMOTE RUN	03	SPARE
04	PUMP 2 REMOTE RUN	04	SPARE
AI	SIGNAL DESCRIPTION	AI	SIGNAL DESCRIPTION
01	WET WELL LEVEL	01	SPARE
02	FORCE MAIN PRESSURE	02	SPARE
03	WATER MAIN PRESSURE	03	SPARE
04	SPARE	04	SPARE



**Board of County Commissioners
St. Johns County Florida**

BID NO: 18-28

SAND DOLLAR LIFT STATION REPAIR

**BID DOCUMENTS
PROJECT SPECIFICATIONS**

**St. Johns County Purchasing Department
500 San Sebastian View
St. Augustine FL 32084
904.209.0150**

Final: 12/4/17

Bid No: 18-28; Sand Dollar Lift Station Repair

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BID NO: 18-28

NOTICE TO BIDDERS

Notice is hereby given that sealed bids will be received until 2:00 P.M. on Wednesday, January 10, 2018 by the St. Johns County Purchasing Department, located at 500 San Sebastian View, St. Augustine, Florida 32084 for **Bid No: 18-28; Sand Dollar Lift Station Repair**. Bids will be opened promptly after the 2:00 P.M. deadline. **Note:** Bids delivered or received in the Purchasing Department after the 2:00 P.M. deadline shall not be given consideration and shall be returned to the sender unopened.

Scope of Work:

The contractor shall include furnishing all labor, materials, equipment and other items necessary for improvements to the Sand Dollar 3&4 Lift Station located at 8050 A1A S, St Augustine, FL 32080. All work shall be bid and performed specifically in accordance with the Site Plan and SJCUD Standard Lift Station Detail and E-101 through E-104 as specified herein.

Minimum Qualifications

Prime bidder must be fully licensed to do business in the State of Florida and be currently licensed as a Certified Underground Utility Contractor or Certified General Contractor in the State of Florida, and provide proof of licensure with the submitted Bid Proposal. Bidders must have successfully completed, as a Prime or Sub-contractor, at least three (3) projects, in the past five (5) years, of similar type, size and dollar value of the project described herein.

Pre-Bid Conference

There will be a **Non-Mandatory** Pre-Bid Conference on Tuesday, December 19, 2017 at 2:00 PM at the St. Johns County Utility Department, 1205 State Road 16, St. Augustine, FL 32084. Attendance is not required at the Pre-Bid Conference in order to be eligible to submit a bid for this project but it is strongly recommended. An optional site visit will be taken following the meeting for those that wish to visit the site. **Please do not park in designated customer service parking spots.**

Bid Documents, Project Specifications and Drawings

Documents related to this bid may be obtained from Onvia DemandStar, Inc., at the following web address: www.demandstar.com by requesting St. Johns County Bid Document #18-28 for technical assistance with this Website please contact Onvia Supplier Services at 1-800-711-1712. A link to the Onvia DemandStar website is available through the St. Johns County Purchasing Website by clicking on the following link: www.sjcfl.us/BCC/Purchasing/OpenBids.aspx. Check the County's site for download availability and any applicable fees. Bid Documents may also be requested, **in writing**, from the St. Johns County Purchasing Department Point of Contact, Robert Quinney, MBA, via email: rquinney@sjcfl.us or fax:(904) 209-0161.

Designated Point of Contact

Any and all questions related to this bid shall be directed, **in writing**, to the designated point of contact Robert Quinney, MBA, Procurement Coordinator, SJC Purchasing Department, via email to rquinney@sjcfl.us or fax to (904) 209-0161. Questions must be submitted, **in writing**, no later than four o'clock **(4:00PM) on Thursday, December 21, 2017**, so that any necessary addenda may be issued in a timely manner. Any questions received after the deadline will not be answered unless previously approved by the SJC Purchasing Manager or other designated County Representative.

Any bidder, proposer or person substantially and adversely affected by an intended decision or by a term, condition, procedure or specification with respect to any bid, invitation, solicitation of proposals or requests for qualifications, shall file with the Purchasing Department for St. Johns County, a written notice of intent to protest no later than 72 hours (excluding Saturdays, Sundays and legal holidays for employees of St. Johns County) after the posting either electronically or by other means of the notice of intended action, notice of intended award, bid tabulation, publication by posting electronically or by other means of a procedure,

specification, term or condition which the person intends to protest, or the right to protest such matter shall be waived. The protest procedures may be obtained from the Purchasing Department and are included in the County's Purchasing Manual. All of the terms and conditions of the County Purchasing Manual are incorporated by reference and are fully binding.

Vendors shall not contact, lobby, or otherwise communicate with any SJC employee, including any member of the Board of County Commissioners, other than the above referenced individual from the point of advertisement of the Bid until contract(s) are executed by all parties, per SJC Purchasing Code 304.6.5 "Procedures Concerning Lobbying". According to SJC policy, any such communication shall disqualify the vendor, contractor, or consultant from responding to the subject invitation to bid, request for quote, request for proposal, invitation to negotiate, or request for qualifications. St. Johns County reserves the right to accept or reject any or all bids/proposals, waive minor formalities, and to award the bid/proposal that best serves the interests of St. Johns County. St. Johns County also reserves the right to award the base bid and any alternate bids in any combination that best suits the needs of the County.

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BOARD OF COUNTY COMMISSIONERS
OF ST. JOHNS COUNTY, FLORIDA
HUNTER S. CONRAD, CLERK

BY: _____
Deputy Clerk

FRONT END BID DOCUMENTS

INSTRUCTION TO BIDDERS

OWNER: The Board of County Commissioners of St. Johns County, Florida ("County") OR ("Owner")

PROJECT: Bid No.: 18-28; Sand Dollar Lift Station Repair

DEFINITIONS

All definitions set forth in the General Conditions of the Contract or in other Contract Documents are applicable to the Bidding Documents.

Addenda are written or graphic instruments issued by the Purchasing Department prior to the time and date for receiving Bids that modify or interpret the Bidding Documents by addition, deletion, clarification, or corrections.

Base Bid is complete and properly signed proposal to do the work, or designated portion thereof, for the sums stipulated therein supported by data called for by the Bidding Documents.

Bid An offer, as a price, whether for payment or acceptance. A quotation, specifically given to a prospective purchaser upon its request, usually in competition with other vendors

Bid (Formal or Sealed) A request for firm prices by Advertised Legal Notice. Prices are submitted in sealed envelopes and in conformance with a prescribed format, all of which are opened in public on an appointed hour and date as advertised.

Bid Bond A good faith monetary commitment which a bidder or surety forfeits to the County of the bidder refuses, or is unable to enter into a contract after submitting a bid, or the bidder cannot furnish the required bonds, usually five percent (5%) of the bid proposal price.

Bidder is a firm or individual who submits a Bid to the Owner for the work described in the proposed Contract Documents.

Bidding Documents include the Advertisement/Notice to Bidders, Front End Bid Documents, Contract Agreement, Specifications and Plans including any Addenda issued prior to receipt of Bids.

Contract A delivered agreement between two or more parties, legally binding and enforceable, to perform a specific act or acts or exchange goods for consideration. A purchase order becomes a contract when accepted by a vendor. A unilateral contract is one in which only one party promises performance. A bilateral contract is one in which both parties promise performance.

Contractor An individual or firm having a contract to provide goods, service or construction for a specified price

County St. Johns County, a political subdivision of the State of Florida (F.S. 217.73)

Responsible Bidder A bidder capable of performing in all respects to fulfill the contract requirements. This includes having the ability to perform, the experience, reliability, capacity, credit, facilities and equipment to meet the contractual obligation.

Responsive Bid, Responsive Proposal, or Responsive Reply A bid, proposal, or reply submitted by a responsive and responsible vendor conforming in all material respects to the solicitation.

Specifications A clear, complete and accurate statement of the physical, functional or technical requirements descriptive of an item and if applicable, the procedure to be followed to determine if the requirements are met.

Subcontractor A party who contracts with a prime contractor to perform all or any part of the prime contractor's obligations.

Unit Price is an amount stated in the Bid as a price per unit of measurement for materials or services as described in the contract documents which shall include all labor, materials, equipment and any other item/s essential to accomplish the scope of work of the Unit Price.

BIDDER'S REPRESENTATION

Each Bidder, by marking his Bid, represents that he has read and understands the Bidding and Contract Documents and his Bid is made in accordance herewith: he has visited the Site and has familiarized himself with the local conditions under which the Work is to be performed; and his Bid is based upon the materials, systems and equipment described in the Bidding Documents without exceptions.

BIDDING DOCUMENTS

Bidding documents may be obtained from www.demandstar.com or SJC Purchasing, in the number and for the purchase sum, if any, as stated in the Advertisement or Invitation - Notice to Bidders. Complete sets of Bidding Documents shall be used in preparing the Bid Proposal. St. Johns County shall not assume any responsibility for errors or misinterpretations resulting from the use of complete or incomplete sets of Bidding Documents. The Owner, in making copies of the Bidding Documents available on the above terms, do so only for the purpose of obtaining bids on the Work and do not confer a license or grant for any other use.

INTERPRETATION OR CORRECTION OF BIDDING DOCUMENTS

Bidders shall promptly notify the Owner of any ambiguity, inconsistency, or error which they may discover upon examination of the Bidding Documents or of the site and local conditions. Bidders requiring clarification of interpretation of the Bidding Documents shall make a written request to the Owner, to reach him at least **fourteen (14) days** prior to the date for receipt of Bids.

An interpretation, correction, or change of the bidding Documents will be made by Addendum. Interpretation, corrections, or changes of the Bidding Documents made in any other manner will not be binding, and Bidders shall not rely upon such interpretation, corrections, and change. No change will be made to the Bidding Documents by the Owner or its Representative **seven (7) days** prior to Bid receiving date, however, the Owner reserves the authority to decrease this time depending on the necessity of such change.

SUBSTITUTIONS

The materials, products and equipment described in the Bidding Documents establish a standard of required function, dimension, appearance and quality to be met by any proposed substitution. No substitution will be considered unless written request for approval has been submitted by the Bidder and has been received by the Owner at least **fourteen (14) days** prior to the date for receipt of Bids. Each such request shall include the name of the material or equipment for which it is to be substituted and a complete description of the proposed substitute, including drawings, cuts, performance and test data any other information necessary for an evaluation. A statement setting forth any changes in other materials, equipment or work that incorporation of the substitute would require shall be included. The burden of proof of the merit of the proposed substitute is upon the proposer. The project director's approval or disapproval of a proposed substitution shall be final.

If County Staff approves any proposed substitution, such approval will be set forth in an Addendum. Bidders shall **not** rely upon approval made in any other manner.

PRE-BID CONFERENCE

There will be a **Non-Mandatory Pre-Bid Conference** on **Tuesday, December 19, 2017 at 2:00 PM** at the St. Johns County Utility Department, 1205 State Road 16, St. Augustine FL 32084. Attendance is not required at the Pre-Bid Conference in order to be eligible to submit a bid for this project but it is strongly recommended. An optional site visit will be taken following the meeting for those that wish to visit the site. **Please do not park in designated customer service parking spots.**

DESIGNATED POINT OF CONTACT

The County's Designated Point of Contact for this Bid is Robert Quinney, MBA, Procurement Coordinator, St. Johns County Purchasing Department. Any and all questions and/or inquiries shall be directed to Mr. Quinney, **in writing**, via email at rquinney@sjcfl.us or fax to (904) 209-0161. Bidders shall not contact, lobby, or otherwise communicate with any other County Staff, including members of the Board of County Commissioners, other than the designated representative shown above. Failure to comply with this requirement shall disqualify a bidder from consideration for award, as provided in St. Johns County Purchasing Code 304.6.5 as provided below:

QUESTIONS

Questions must be submitted, *in writing*, no later than four o'clock **(4:00PM) on Thursday, December 21, 2017**, so that any necessary addenda may be issued in a timely manner. Any questions received after the deadline will not be answered unless previously approved by the SJC Purchasing Manager or other designated County Representative.

Vendors shall not contact, lobby, or otherwise communicate with any SJC employee, including any member of the Board of County Commissioners, other than the above referenced individual from the point of advertisement of the Bid until contract(s) are executed by all parties, per SJC Purchasing Code 304.6.5 "Procedures Concerning Lobbying". According to SJC policy, any such communication shall disqualify the vendor, contractor, or consultant from responding to the subject invitation to bid, request for quote, request for proposal, invitation to negotiate, or request for qualifications. St. Johns County reserves the right to accept or reject any or all bids/proposals, waive minor formalities, and to award the bid/proposal that best serves the interests of St. Johns County. St. Johns County also reserves the right to award the base bid and any alternate bids in any combination that best suits the needs of the County.

ADDENDA

Addenda will be distributed to all who are known by the entity responsible for distribution of the complete set of Bidding Documents. Copies of Addenda will be made available for inspection wherever Bidding Documents are on file for that purpose.

Each Bidder shall ascertain prior to submitting a bid, that all issued addenda have been received, and each Bidder **shall** acknowledge receipt, of all issued addenda in the space provided in the Official County Bid Form, and a fully acknowledged copy of each issued addendum must be included in the submitted bid proposal. Failure to provide fully acknowledged copies of each addendum may result in a bid proposal being deemed non-responsive.

BID SUBMITTAL REQUIREMENTS

Bids shall be submitted in **TRIPLICATE** (one (1) original and two (2) copies) on the required forms provided herein. All blanks on the Bid Form shall be filled in by typewriter or manually in blue or black ink. Bidders are not required to submit a copy of this Bid Document with their bid proposals. The bidders are required to submit, at a minimum, the Bid Proposal Attachments listed in this Document.

Bid proposals must be placed in an envelope, sealed and placed in a second envelope or container, plainly marked on the outside addressed to St. Johns County Purchasing Department, with the bidder's return address in top left hand corner and recite: "**Bid No: 18-28; Sand Dollar Lift Station Repair**"

See Example Below:

ABC Company, Inc. 123 Aviles Street St. Augustine, FL 32084	St. Johns County Purchasing Department 500 San Sebastian View St. Augustine, FL 32084
BID NO.: XX-XX – SEALED BID FOR SAMPLE PROJECT	

At the end of this document, a sealed Bid mailing label is provided for convenience. Bidders shall affix the provided label to the outside of the sealed envelope/container to submit their Bid.

Bidder shall assume full responsibility for timely delivery at location designated for receipts of Bids. Bids shall be deposited at the designated location prior to the time and date for receipt of Bids indicated in the Advertisement/Notice to Bidders, or any time extension thereof made by Addendum. Bids received after the time and date for receipt of Bids will be returned to the sender unopened.

Oral, telephonic, telegraphic or electronic Bids are invalid and will not receive consideration.

Where so indicated by the makeup of the Bid Form, sums shall be expressed in both words and figures, and in the case of

discrepancy between the two, the amount expressed in words shall govern.

Any interlineations, alteration or erasure must be initialed by the signer of the Bid; failure to do so may cause the Bidder's proposal to be considered non-responsive.

Bidder shall make no stipulation on the Bid Form nor qualify his Bid in any manner, to do so will classify the Bid as being non-responsive, and may result in the Bidder being removed from consideration for award.

Each submitted copy of the Bid Proposal shall include the full legal company name, address, telephone number and legal name of an authorized representative for the Bidder and a statement as to whether the Bidder is a sole proprietor, partnership, corporation, or any other legal entity. Each copy of the submitted Bid shall be signed by the person or persons legally authorized to bind the Bidder to a contract. A Bid by a corporation shall further give the state of incorporation and have the corporation seal affixed.

A Bid submitted by an agent shall have a current Power of Attorney attached certifying agent's authority to bind the Bidder.

BID SECURITY

Each submitted Bid shall be accompanied by a Bid Security, submitted on the Bid Bond Form provided herein, or in the form of a certified or cashier's check, in the amount of five percent (5%) of the Total Lump Sum Bid amount submitted on the Official County Bid Form, pledging that the Bidder will enter into a contract with the Owner on the terms stated in the Bid and will, if required, furnish bonds as described hereunder covering the faithful performance of the Contract and the payment of all obligations arising thereunder. Should the Bidder refuse to enter into such Contract or fail to furnish such bonds to the Owner, if required, the amount of the Bid Security shall be forfeited, not as penalty, but as liquidated damages.

A Bid Security in the form of a certified or cashier's check must be made payable to the Board of County Commissioners of St. Johns County. Bidders submitting a certified or cashier's check as the bid security are not required to submit Attachment "B" – Certificate as to Corporate Principal, or the Bid Bond forms provided herein.

A Bid Security in the form of a Bid Bond shall be written on the form provided herein, with an acceptable surety, and the Attorney-in-Fact who executes the bond on behalf of the surety shall affix to the bond a certified and current copy of his Power of Attorney. Acceptable surety companies are defined herein under "Surety Bond". The Surety Company shall be licensed to do business in the State of Florida and shall be listed by the U.S. Treasury Department. Any Bidder submitting a Bid Security in the form of a Bid Bond must also submit Attachment "B" – Certificate as to Corporate Principal.

The Owner shall have the right to retain the Bid Security of Bidders until either: (a) the Contract is executed and bonds, if required, have been furnished, or (b) the specified time has elapsed so that Bids may be withdrawn, or (c) all Bids have been rejected.

BID BOND INSTRUCTIONS

If a Bidder chooses to submit a Bid Bond on the form provided herein, he must submit the bond as follows:

1. Prepare and submit one (1) original and two (2) copies of the required Bid Bond Forms as shown above
2. Type or print Bidder's and Surety's names in the same language as in the Advertisement, or Invitation to Bid.
3. Affix the Corporate Seal, and type or print the name of the Surety on the line provided and affix its corporate seal.
4. Attach a copy of Surety agent's Power of Attorney, unless the Power of Attorney has been recorded in St. Johns County. If it has been recorded, give the record book and page. If not recorded, the copy of the Power of Attorney must have an original signature of the Secretary or Assistant Secretary of Surety certifying the copy. The Surety's corporate seal must be affixed.

BID POSTPONEMENT/CANCELLATION

The County may, at its sole and absolute discretion, reject any bids that are not submitted in accordance with the terms in this Bid Solicitation. The County may re-advertise this Bid; postpone or cancel, at any time, this Bid process; or waive any irregularities in this Bid or in the proposals received as a result of this Bid.

MODIFICATION OR WITHDRAWAL OF BID

A Bid may not be modified, withdrawn or canceled by the Bidder during the stipulated time period following the time and date designated for the receipt of Bids, and Bidder so agrees in submitting his Bid.

Prior to time and date designated for receipt of Bids, a Bid submitted early may be modified or withdrawn only by notice to the party receiving Bids at the place and prior to the time designated for receipt of Bids.

Such notice shall be in writing over the signature of the Bidder. If by telephone, written confirmation over the signature of Bidder must be mailed and postmarked on or before the date and time set for receipt of Bids; it shall be so worded as not to reveal the amount of the original Bid.

Withdrawn Bids may be resubmitted up to the time designated for the receipt of Bids provided that they are then fully in conformance with these Instructions to Bidders.

Bid Security shall be in the amount of five percent (5%) of the Bid as modified or resubmitted.

COSTS INCURRED BY BIDDERS

All expenses involved with the preparation and submission of bids to the County, or any work performed in connection therewith, shall be borne by the Bidder(s). No rights of ownership will be conferred until title of the property is transferred to the successful bidder. All fees for copying and reproduction services for items listed herein are nonrefundable.

CONSIDERATION OF BIDS

Opening of Bids: Unless stated otherwise in an Addenda to the Advertisement/Notice to Bidders, the properly identified Bids received on time will be opened publicly as specified in the Advertisement and a tabulation of the bid amounts of the Base Bids and major Alternates, if any, will be made available to Bidders. The Bid Tabulation will be posted on the Purchasing Department bulletin board for seventy two (72) hours.

Any bidder, proposer or person substantially and adversely affected by an intended decision or by a term, condition, procedure or specification with respect to any bid, invitation, solicitation of proposals or requests for qualifications, shall file with the Purchasing Department for St. Johns County, a written notice of intent to protest no later than seventy two (72) hours (excluding Saturdays, Sundays and legal holidays for employees of St. Johns County) after the posting either electronically or by other means of the notice of intended action, not of intended award, bid tabulation, publication by posting electronically or by other means of a procedure, specification, term or condition which the person intends to protest, or the right to protest such matter shall be waived. The protest procedures may be obtained from the Purchasing Department and are included in the Owner's Purchasing Manual. All of the terms and conditions of the Owner Purchasing Manual are incorporated by reference and are fully binding.

Rejection of Bids: The Owner reserves the right to reject any or all Bids and in particular to reject a Bid not accompanied by any required Bid Security or data required by the Bidding Documents or a Bid in any way incomplete or irregular.

Acceptance of Bid (Award): The Owner shall have the right to reject any or all Bids or waive any minor formality or irregularity in any Bid received.

The Owner shall have the right to accept alternates in any order or combination and to determine the low Bidder on the basis of the sum of the Base Bid and/or the Alternates accepted if alternate bids are requested in the Official County Bid Form.

It is the intent of the Owner to award a contract to the lowest responsible Bidder based on the Total Lump Sum (Base 1 + 2) provided the Bid has been submitted in accordance with the requirements of the Bidding Documents, if judged to be reasonable, and does not exceed the funds budgeted for the Project.

If the Contract is awarded, it will be awarded within a minimum of ninety (90) days from the date of the Bid opening, or as designated in the Bid Documents.

MINIMUM QUALIFICATION OF CONTRACTORS

Prime bidder must be fully licensed to do business in the State of Florida and be currently licensed as a Certified Underground Utility Contractor or Certified General Contractor in the State of Florida, and provide proof of licensure with the submitted Bid Proposal. Bidders must have successfully completed, as a Prime or Sub-contractor, at least three (3) projects, in the past five (5) years, of similar type, size and dollar value of the project described herein. Each Bidder must submit Attachment "H" Experience of Bidder Form.

Proof of qualifications shall be provided by completing and submitting Attachment "C" – License/Certification List along with a copy of each license and certificate listed. All licenses, certifications and pre-qualifications must be valid and current on the date bids are submitted.

Bidders to whom award of a contract is under consideration shall submit to the County, upon his request, a properly executed

Contractor's Qualification Statement of A1A Document A305, unless such a statement has been previously required and submitted as a prerequisite to the issuance of Bidding Documents.

It is the intent of the County to ensure that Disadvantaged Business or Small Business Enterprise (DBE/SBE), Minority Business Enterprise (MBE) and Women Business Enterprise (WBE) have equal opportunity to receive and participate in Federal assisted contracts and also uphold the following standards:

- To ensure nondiscrimination in the award and administration of Federal assisted contracts;
- To create a level playing field on which DBEs can compete fairly for Federal assisted contracts;
- To ensure that the DBE Program is narrowly tailored in accordance with applicable law;
- To help remove barriers to the participation of DBEs in Federal assisted contract; and
- To assist the development of firms that can compete successfully in the market place outside the DBE Program.

If the respondent is not a DBE/MBE/WBE firm the contractor entering into an agreement for this project must meet the following criteria:

1. Achieve DBE/MBE/WBE participation by using DBE/MBE/WBE Subcontractors **OR**
2. If unable to utilize DBE/MBE/WBE certified Subcontractors, must be able to submit documentation detailing the Good Faith Efforts made in utilization of potential DBE/MBE/WBE Subcontractors

SUB-CONTRACTORS

Each Bidder shall submit to the County, a list of Subcontractors and major materials suppliers to be used if awarded the contract. A copy of the form, Attachment "D", is provided in the Bidding Documents. If no Subcontractors or major material suppliers are required, so state there on.

Upon request by the County, the successful Bidder shall within seven (7) days thereafter, submit all data required to establish to the satisfaction of the County, the reliability and responsibility of the proposed Subcontractors to furnish and perform the work described in the Sections of the Specifications pertaining to such proposed Subcontractor's respective trades.

Prior to the award of the Contract, the County will notify the Bidder in writing if either the County, after due investigation, has reasonable and substantial objection to any person or organization proposed as a Subcontractor. The Bidder then may, at his option, withdraw his Bid without forfeiture of Bid Security or submit an acceptable substitute at no increase in Bid price. If the Bidder fails to submit an acceptable substitute within seven (7) days of the original notification, the County then may, at his option, disqualify the Bidder, at no cost to the County.

The County reserves the right to disqualify any Contractor, Subcontractor, Vendor, or material supplier due to previously documented project problems, either with performance or quality.

Subcontractors and other persons and organizations proposed by the Bidder and accepted by the County, must be used on the work for which they were proposed and accepted and shall not be changed except with the written approval of the County.

DISQUALIFICATION OF BIDDER FOR MULTIPLE BIDS OR COLLUSION

Any and all such bids will be rejected if more than one bid is submitted from an individual, firm, partnership, corporation or association under the same or different name. If a Bidder is involved or has an interest in more than one bid for the same work, such a bid will be rejected and all other bids in which such Bidder is involved or interested may also be rejected. A Bidder may not submit a bid and also be a subcontractor on a different bid; however, a subcontractor who is not a bidder may be on more than one bid.

PUBLIC CONSTRUCTION BOND

The Contractor shall be required to obtain and submit a recorded Public Construction Bond covering the faithful performance of the Contract and the payment of all obligations arising thereunder in full amount of the Contract, with such acceptable sureties, secured through the Bidder's usual sources as may be agreeable to the parties. The Contractor shall furnish the required bond, after full execution of the awarded Contract. The Bond shall be released upon satisfactory completion of the project.

SURETY BOND

Acceptable Surety Companies: To be responsible to the Owner as Surety on Bonds, Surety shall comply with the following provisions:

1. Surety must be licensed to do business in the State of Florida;
2. Surety must have been in business and have a record of successful continuous operations for at least three (3) years;
3. Surety shall not have exposed itself to any loss on any one risk in an amount exceeding twenty percent (20%) of its surplus to policyholders;
4. Surety must have fulfilled all of its obligations on all other bonds given to the Owner;
5. Surety must have good underwriting, economic management, adequate reserves for undisclosed liabilities, and net resources for unusual stock and sound investment.

Time of Delivery and Form of Bonds

The Public Construction Bond form will be forwarded to the successful Bidder with his copy of the fully executed contract. **The Public Construction Bond must be recorded after the contract is signed by all parties.** The bidder will have 3 days from receipt of fully executed contract to have the Public Construction Bond recorded. The bidder shall have the Public Construction Bond recorded at the St. Johns County Clerk of Courts office, in St. Augustine, Florida. After the book and page number have been assigned to the bond by the recording person, the Bidder is to obtain from the recording person a certified copy of the recorded bond, and deliver the certified copy to the Owner's Contract Administrator. No work can commence until the required bond and Insurance Certificates have been delivered to the Owner. Upon receipt of the certified copy of the recorded bond, the Owner may issue a Notice to Proceed.

Unless otherwise specified in the Bid Documents, the bonds shall be written on the form provided herein. The Bidder shall require the Attorney-in-Fact who executes the required bonds on behalf of the Surety to affix thereto a certified and current copy of his Power of Attorney authorizing his firm to act as agent for the Surety in issuing the bonds.

INDEMNIFICATION

To the fullest extent permitted by law, the Contractor shall indemnify and hold harmless the Owner, its officials, and employees, from and against liability, claims, damages, losses and expenses including attorney's fees arising out of or resulting from performance of the work, provided that such liability, claims, damages, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the work itself) including loss of use resulting therefrom, but only to the extent caused in whole or in part, by negligent acts or omissions of the Contractor, a Subcontractor, or anyone directly or indirectly employed by them or anyone for whose acts they may be liable, regardless of whether or not such liability, claim, damage, loss or expense is caused in part by a party indemnified hereunder.

In claims against any person or entity indemnified under this paragraph by an employee of the Contractor, a Subcontractor, anyone directly or indirectly employed by them or anyone for whose acts they may be liable, the indemnification obligation under this shall not be limited by a limitation on amount or type of damages, compensation or benefits payable by or for the Contractor or a Subcontractor under workers' compensation acts, disability benefits acts or other employee benefits acts.

TERMINATION

Failure on the part of the Contractor to comply with any portion of the duties and obligations under the Contract Agreement shall be cause for termination. If the Contractor fails to perform any aspect of the responsibilities described herein St. Johns County shall provide written notification of any and all items of non-compliance. The Contractor shall then have five (5) consecutive calendar days to correct any and all items of non-compliance. If the items of non-compliance are not corrected, or acceptable corrective action has not been taken within the five (5) consecutive calendar

days, the Contract Agreement may be terminated by St. Johns County for cause, upon giving fourteen (14) consecutive calendar days written notice to the Contractor.

The County may terminate the Contract Agreement at any time, without cause, upon thirty (30) days written notice to the Contractor of intention to do so.

If, at any time, the Contract Agreement with the awarded vendor is terminated by the County, whether for cause or for convenience, the County may, at its sole discretion, negotiate with the second lowest, responsible, responsive bidder for the required services in order to enter into a contract with that vendor to prevent a gap in services for the County, if it serves the best interest of the County to do so.

FORM OF AGREEMENT BETWEEN OWNER AND CONTRACTOR

Form to be used: Unless otherwise provided in the Bidding Documents, the Agreement for Work will be written on the St. Johns County Standard Agreement between Owner and Contractor where the basis of payment is a Stipulated Sum. In the event of a conflict in specifications or contract requirements the more stringent shall apply.

CONTRACT TIME – LIQUIDATED DAMAGES

The Contractor shall have ten (10) days to return Contract originals from the time the Contractor receives a “Notice of Award”. St. Johns County will return a “fully executed” Contract to the Contractor no later than seven (7) days after the return of the executed Contract originals (but no later than seventeen (17) days from the Notice of Award).

The Contractor will furnish a recorded original of the Public Construction Bond three (3) business days after receipt of the fully executed Contract (the Public Construction Bond must be recorded after the Contract is fully executed by all parties including the County Clerk). Upon receipt of the recorded Public Construction Bond, the County will issue a Notice to Proceed. If the Contractor fails to meet any of the dates and timeframes set forth in this section, or fails to execute the Contract, or to provide a Public Construction Bond, the County may elect at its option to consider the Contractor non-responsive and Contract with the next best Bidder.

The work to be performed under this Agreement shall be commenced within **ten (10)** days of the date of the Notice to Proceed, in writing. Construction of the project shall be substantially complete within **Seventy (70)** consecutive calendar days from the date stipulated on the Notice to Proceed. Final completion shall be attained **Twenty (20)** consecutive calendar days from the date of substantial completion.

Conditions under which Liquidated Damages are Imposed:

Should the Contractor or, in case of his default, the Surety fail to complete the work within the time stipulated in the contract, or within such extra time as may have been granted by the Owner, the Contractor or, in case of his default, the Surety shall pay to the Owner, not as a penalty but as liquidated damages, the amount so due as determined by the following schedule:

<u>Original Contract Amount</u>	<u>Daily Charge Per Calendar Day</u>
\$50,000 and under.....	\$763 Over
\$50,000 but less than \$250,000.....	\$958
\$250,000 but less than \$500,000.....	\$1,099
\$500,000 but less than \$2,500,000.....	\$1,584
\$2,500,000 but less than \$5,000,000.....	\$2,811
\$5,000,000 but less than \$10,000,000.....	\$3,645
\$10,000,000 but less than \$15,000,000.....	\$4,217
\$15,000,000 but less than \$20,000,000.....	\$4,698
\$20,000,000 and over.....	\$6,323 plus 0.00005 of any amount over \$20 million

(Round to nearest whole dollar)

INSURANCE

The contractor shall not commence work under this Contract until he/she has obtained all insurance required under this section and such insurance has been approved by the county. All insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida. The contractor shall furnish proof of Insurance to the county prior to the commencement of operations. The Certificate(s) shall clearly indicate the contractor has obtained

insurance of the type, amount, and classification as required by contract and that no material change or cancellation of the insurance shall be effective without thirty (30) days prior written notice to the county. Certificates shall specifically include the county as Additional Insured for all lines of coverage except Workers' Compensation and Professional Liability. A copy of the endorsement must accompany the certificate. Compliance with the foregoing requirements shall not relieve the contractor of its liability and obligations under this Contract.

Certificate Holder Address: St. Johns County, a political subdivision of the State of Florida
500 San Sebastian View
St. Augustine, FL 32084

The contractor shall maintain during the life of this Contract, Comprehensive General Liability Insurance with minimum limits of \$1,000,000 per occurrence, \$2,000,000 aggregate to protect the contractor from claims for damages for bodily injury, including wrongful death, as well as from claims of property damages which may arise from any operations under this Contract, whether such operations be by the contractor or by anyone directly employed by or contracting with the CONTRACTOR.

The contractor shall maintain during the life of this Contract, Comprehensive Automobile Liability Insurance with minimum limits of \$300,000 combined single limit for bodily injury and property damage liability to protect the contractor from claims for damages for bodily injury, including the ownership, use, or maintenance of owned and non-owned automobiles, including rented/hired automobiles whether such operations be by the contractor or by anyone directly or indirectly employed by a contractor.

The contractor shall maintain during the life of this Contract, adequate Workers' Compensation Insurance in at least such amounts as are required by the law for all of its per Florida Statute 440.02.

In the event of unusual circumstances, the County Administrator, or his designee, may adjust these insurance requirements.

TAXES

Project is subject to Federal Excise and Florida Sales Taxes, which must be included in Bidder's proposal.

FLORIDA TRENCH SAFETY ACT

Bidders shall complete Certificate of Compliance with Florida Trench Safety Act, in accordance with the requirements of Chapter 553, Florida Statutes. If trenching is not required for this project, state so thereon. Contractor shall be responsible for compliance with all trenching shoring safety requirements.

PUBLIC RECORDS

In accordance with Chapter 119 of the Florida Statutes (Public Records Law) and Chapter 286 Freedom of Information Act, and except as may be provided by other applicable State and Federal Law, all proposers should be aware that Request for Bids and the responses thereto are public record. Proposers should identify specifically any information contained in their proposals which they consider confidential and/or proprietary and which they believe to be exempt from disclosure, citing specifically the applicable exempting law. Failure to identify confidential and/or proprietary information prior to submission of the proposal may result in such information being subject to release if requested in a public records request.

END OF SECTION

**OFFICIAL COUNTY BID FORM
WITH ATTACHMENTS**

BID NO: 18-28

**OFFICIAL COUNTY BID FORM
ST. JOHNS COUNTY, FLORIDA**

PROJECT: Sand Dollar Lift Station Repair

TO: THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA

DATE SUBMITTED: _____

BID PROPOSAL OF

Full Legal Company Name

Mailing Address

Telephone Number

Fax Number

Bidders: Having become familiar with requirements of the project, and having carefully examined the Bidding Documents and Specifications entitled for Bid No: 18-28 Sand Dollar Lift Station Repair in St. Johns County, Florida, the undersigned proposes to furnish all materials, labor and equipment, supervision and all other requirements necessary to comply with the Contract Documents to submit the following Bid Proposal summarized as follows:

BASE BID 1 LUMP SUM PRICE: (As per plans and specifications)

\$ _____
Base Bid 1 Lump Sum Price (Numerical)

Base Bid 1 Lump Sum Price (Amount written or typed in words) /100 Dollars

BASE BID 2 LUMP SUM PRICE: (As per plans and specifications)

\$ _____
Base Bid 2 Lump Sum Price (Numerical)

Base Bid 2 Lump Sum Price (Amount written or typed in words) /100 Dollars

TOTAL LUMP SUM BID PRICE: (Base Bid 1 + Base Bid 2) (As per plans and specifications)

\$ _____
Total Lump Sum Price (Numerical)

Total Lump Sum Price (Amount written or typed in words)

Bidder shall insert the Total Lump Sum Bid Price in numerals and in words. Any discrepancy between the two submitted amounts shall be determined by the amount written in words.

During the preparation of the Bid, the following addenda, if any, were received:

No.: _____ Date Received:

No.: _____ Date Received:

No.: _____ Date Received:

We, the undersigned, hereby declare that no person or persons, firm or corporation, other than the undersigned are interested, in this proposal, as principals, and that this proposal is made without collusion with any person, firm or corporation, and we have carefully and to our satisfaction examined the Bid Documents and Project Specifications.

We have made a full examination of the location of the proposed work and the sources of supply of materials, and we hereby agree to furnish all necessary labor, equipment and materials, fully understanding that any quantities shown therewith are approximate only, and that we will fully complete all requirements therein as prepared by the Owner, within the same time limit specified in the Bid Documents as indicated above.

If the Undersigned is notified of the acceptance of this Bid Proposal by the Board within ninety (90) calendar days for the time set for the opening of Bids, the Undersigned further agrees, to execute a contract for the above work within ten (10) days after notice that his Bid has been accepted for the above stated compensation in the form of a Contract presented by the Owner.

The Undersigned further agrees that security in the form of a Bid Bond, certified or cashier's check in the amount of not less than five percent (5%) of Total Lump Sum Bid Price, payable to the Owner, accompanies this Bid; that the amount is not to be construed as a penalty, but as liquidated damages which said Owner will sustain by failure of the Undersigned to execute and deliver the Contract and Bond within ten (10) days of the written notification of the Award of the Contract to him; thereupon, the security shall become the property of the Owner, but if this Bid is not accepted within ninety (90) days of the time set for the submission of Bids, or if the Undersigned delivers the executed Contract upon receipt, the Security shall be returned to the Bidder within seven (7) working days.

CORPORATE/COMPANY

Full Legal Company Name: _____ (Seal)

By: _____
Signature of Authorized Representative (Name & Title typed or printed)

By: _____
Signature of Authorized Representative (Name & Title typed or printed)

Address: _____
Telephone No.: () _____ Fax No.: () _____

Email Address for Authorized Company Representative: _____
Federal I.D. Tax Number: _____ DUNS #: _____
(If applicable)

INDIVIDUAL

Name: _____
(Signature) (Name typed or printed) (Title)

Address: _____
Telephone No.: () _____ Fax No.: _____
Email Address: _____
Federal I.D. Tax Number: _____

- Submittal Requirements:
- Official County Unit Price Bid Form
 - Attachment "A" – St John's County Board of County Commissioners Affidavit
 - Attachment "B" – Certificate as to Corporate Principal
 - Attachment "C" – License / Certification List
 - Attachment "D" – List of Proposed Sub-Contractors/Suppliers
 - Attachment "E" – Conflict of Interest Disclosure Form
 - Attachment "F" - Certificate of Compliance with Florida Trench Safety Act
 - Attachment "G" – Proof of Insurance
 - Attachment "H" – Experience of Bidder Form
 - Bid Bond Form
 - Fully Acknowledged Addenda Applicable to this bid

Official County Bid Form, Attachments "A", "B", "C", "D", "E", "F", "G", "H" and Bid Bond must be completed, along with a fully acknowledged copy of each Addendum applicable to this Bid and submitted with each copy of the Bid Proposal. One (1) original and two (2) copies of all required forms must be submitted.

BID NO.: 18-28

ATTACHMENT "A"

ST. JOHNS COUNTY, BOARD OF COUNTY COMMISSIONERS AFFIDAVIT

TO: ST. JOHNS COUNTY, BOARD OF COUNTY COMMISSIONERS,
ST. JOHNS COUNTY, ST. AUGUSTINE, FLORIDA.

At the time the proposal is submitted, the Bidder shall attach to his Bid a sworn statement.

This sworn statement shall be an affidavit in the following form, executed by an officer of the firm, association, or corporation submitting the proposal, and shall be sworn to before a person who is authorized by law to administer oaths.

STATE OF FLORIDA, COUNTY OF ST. JOHNS

Before me, the Undersigned authority, personally appeared _____ who being duly sworn, deposes and says he is _____ (Title) of the firm of _____ Bidder submitting the attached proposal for the services covered by the bid documents for Bid No: 18-28; Sand Dollar Lift Station Repair, in St. Johns County, Florida.

The affiant further states that no more that one proposal for the above-referenced project will be submitted from the individual, his firm or corporation under the same or different name, and that such Bidder has no financial interest in the firm of another bidder for the same work. That neither he, his firm, association nor corporation has either directly or indirectly entered into any agreement, participated in any collusion, nor otherwise taken any action in restraint of free competitive bidding in connection with this firm's Bid on the above-described project. Furthermore, neither the firm nor any of its officers are barred from participating in public contract lettings in the State of Florida or any other state.

(Bidder)

By: _____

(Title)

Sworn and subscribed to me this _____ day
of _____, 20____.

Notary Public:

Signature

Printed

My commission Expires: _____

BIDDER ON ALL COUNTY PROJECTS MUST EXECUTE AND ATTACH THIS AFFADAVIT TO EACH BID.

ATTACHMENT "B"
CERTIFICATES AS TO CORPORATE PRINCIPAL

I, _____, certify that I am the Secretary of the Corporation named as Principal in the attached bond; that _____ who signed the said bond on behalf of the Principal, was then of said Corporation; that I know his signature, and his signature hereto is genuine; and that said bond was duly signed, sealed, and attested for and in behalf of said Corporation by authority of it's governing body.

Secretary

Corporate Seal

(STATE OF FLORIDA
COUNTY OF ST. JOHNS)

Before me, a Notary Public duly commissioned, qualified and acting, personally appeared to me well known, who being by me first duly sworn upon oath, says that he is the Attorney-In-Fact, for the and that he has been authorized by _____ to execute the foregoing bond on behalf of the surety named therein in favor of St. Johns County, Florida.

Subscribed and sworn to me this _____ day of _____, 20____, A.D.

NOTARY PUBLIC
State of Florida-at-large

My Commission Expires:

(Attach Power of Attorney to original Bid Bond and Financial Statement of Surety Company)

BID NO.: 18-28

ATTACHMENT "E"

**St. Johns County Board of County Commissioners
Conflict of Interest Disclosure Form**

Project (RFQ, RFP, BID) Number/Description: Bid No 18-28: Sand Dollar Lift Station Repair

The term "conflict of interest" refers to situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting a consultant's/contractor's professional judgment in completing work for the benefit of St. Johns County ("County"). The bias such conflicts could conceivably impart may inappropriately affect the goals, processes, methods of analysis or outcomes desired by the County.

Consultants/Contractors are expected to safeguard their ability to make objective, fair, and impartial decisions when performing work for the benefit of the County. Consultants/Contractors, therefore must there avoid situations in which financial or other considerations may adversely affect, or have the appearance of adversely affecting the consultant's/contractor's professional judgement when completing work for the benefit of the County.

The mere appearance of a conflict may be as serious and potentially damaging as an actual distortion of goals, processes, methods of analysis or outcomes. Reports of conflicts based upon appearances can undermine public trust in ways that may not be adequately restored even when the mitigating facts of a situation are brought to light. Apparent conflicts, therefore, should be disclosed and evaluated with the same vigor as actual conflicts.

It is expressly understood that failure to disclose conflicts of interest as described herein may result in immediate disqualification from evaluation or immediate termination from work for the County.

Please check the appropriate statement:

- I hereby attest that the undersigned Respondent has no actual or potential conflict of interest due to any other clients, contracts, or property interests for completing work on the above referenced project.
- The undersigned Respondent, by attachment to this form, submits information which may be a potential conflict of interest due to other clients, contracts or property interests for completing work on the above referenced project.

Legal Name of Respondent: _____

Authorized Representative(s) :

_____	_____
Signature	Print Name/Title
_____	_____
Signature	Print Name/Title

BID NO.: 18-28

ATTACHMENT "F"

CERTIFICATE OF COMPLIANCE WITH FLORIDA TRENCH SAFETY ACT

Bidder acknowledges that he is solely responsible for complying with the Florida Trench Safety Act (ACT) and Occupational Safety and Health Administrations excavation safety standard 29 CFR 1926.650 (Subpart P as amended) and the St. Johns County Trenching and Excavation Safety Program. If there is a conflict between the ACT and the St. Johns County Trenching and Excavation Safety Program, the more stringent requirement would apply. Bidder further acknowledges that included in the various items of the proposal and in the Total Bid Price are costs for complying with the Florida Trench Safety Act (90-96, Laws of Florida) effective October 1, 1990 and the Occupational Safety and Health Administrations excavation safety standard.

By: _____

Bidder

Date

Authorized Signature

BID NO.: 18-28

ATTACHMENT "G"

CERTIFICATE OF INSURANCE

INSERT CERTIFICATE OF INSURANCE HERE

BID NO.: 18-28

ATTACHMENT "H"

EXPERIENCE OF BIDDER

Bidder acknowledges that he is fully licensed to perform work in the STATE OF FLORIDA.

The Bidder shall provide the following information regarding experience within the **past five (5) years** of this solicitation. Bidder must demonstrate the successful completion of **three (3) projects** of similar complexity, nature, size, and dollar amount of project. Signing below authorizes St. Johns County personnel to contact and verify references.

Any material misrepresentation, as determined by the County, shall result in disqualification.

By: _____
Bidder Date

Authorized Signature

DATE OF CONTRACT	CLIENT'S NAME, ADDRESS, PHONE AND EMAIL	CONTRACT AMOUNT	PROJECT AND LOCATION

Do you have any similar work in progress at this time? _____ Yes _____ No

Length of time in business: _____ Years

Is your company currently involved in any active litigation? _____ If Yes, explain: _____

Has your company ever been sued? _____ If Yes, explain and/or submit court decision or judgment, as applicable: _____

BID NO.: 18-28

BID BOND

STATE OF FLORIDA
COUNTY OF ST. JOHNS

KNOW ALL MEN BY THESE PRESENTS, that _____ as Principal, and as Surety, are held and firmly bound unto St. Johns County, Florida, in the penal sum of Dollars (\$ _____) lawful money of the United States, we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATIONS IS SUCH that whereas the Principal has submitted the accompanying Bid, dated _____, 20__.

For

SAND DOLLAR LIFT STATION REPAIR

St. Johns County, Florida

NOW THEREFORE,

- (a) If the Principal shall not withdraw said Bid within ninety (90) days after Bid Award date, and shall within ten (10) days after prescribed forms are presented to him for signature, enter into a written Contract with the County in accordance with the Bid as accepted, and give Bond with good and sufficient Surety or Sureties, as may be required, for the faithful performance and proper fulfillment of such Contract, then the above obligations shall be void and of no effect, otherwise to remain in full force and virtue.
- (b) In the event of the withdrawal of said Bid within the period specified, or the failure to enter into such Contract and give such Bond within the time specified, if the Principal shall pay the County the difference between the amount specified, in said Bid and the amount for which the County may procure the required Work and supplies, if the latter amount be in excess of the former, then the above obligations shall be void and of no effect, otherwise to remain in full force and virtue.

IN WITNESS WHEREOF, the above bounded parties have executed this instrument under their several seals, this day of _____ A.D., 20__, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

BID NO.: 18-28

WITNESSES:

(If Sole Ownership or Partnership two (2) Witnesses required).
(If Corporation, Secretary only will attest and affix seal).

WITNESSES:

PRINCIPAL:

NAME OF FIRM:

**SIGNATURE OF AUTHORIZED
OFFICER (AFFIX SEAL)**

TITLE

BUSINESS ADDRESS

CITY STATE

WITNESS:

SURETY:

CORPORATE SURETY

ATTORNEY-IN-FACT (AFFIX SEAL)

BUSINESS ADDRESS

CITY STATE

NAME OF LOCAL INSURANCE AGENCY

SPECIFICATIONS

BID NO: 18-28; SAND DOLLAR LIFT STATION REPAIR
MINIMUM SPECIFICATIONS, CONDITIONS & REQUIREMENTS

Scope of Work:

The contractor shall include furnishing all labor, materials, equipment and other items necessary to complete the improvements to the Sand Dollar 3&4 Lift Station located at 8050 A1A S, St Augustine, FL 32080 as specified herein. Upgrades and improvements shall generally include, but not be limited to the following:

Base Bid 1: Minimum required FEMA Related Work:

- Obtain required permits and coordination with FP&L.
- Set up temporary bypass pumping.
- Chemical grout injection to stop leaks and apply SJCUD approved protective liner in wetwell.
- Demolition of existing electrical rack and install new electrical rack per current SJCUD standards. The existing control panel shall be relocated to the new electrical rack. The contractor shall furnish and install a new aluminum equipment rack, conduits, aluminum meter can, 100-amp disconnect switch in SS enclosure, Rose-Bopla junction boxes, PVC-coated aluminum from wetwell to the junction boxes, wire pump and float leads, grounding grid, light pole and fixture, etc including services during start-up.
- Install an antenna, RTU, and all telemetry equipment (either existing or furnished by SJCUD) to the new electrical rack including wiring from the RTU to the control panel. SJCUD staff will assist with programming and start-up of the RTU once installed.

Base Bid 2: Additional Scope of Work:

- Demolition/removal of existing lift station piping and vault.
- Furnish and install new 3" Sch40 stainless steel piping, valves, 4" Sch40 stainless steel emergency suction pipe, quick-connect discharge connection, guide rails and all other SJCUD standard lift station components per SJCUD Standard Detail PS-3 (see 18-28 Sand Dollar 3 & 4 LS Bid Plans attached).

All work shall be bid and performed specifically in accordance with SJCUD standard details PS-3 and E-101 through E-104.

BID NO: 18-28 SAND DOLLAR LIFT STATION REPAIR

FEMA-PA REQUIRED PROVISIONS

This is an acknowledgement that FEMA financial assistance will be used to fund the contract only. The awarded Contractor will comply with all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives herein.

1. Energy Policy and Conservation Act

The awarded 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.

Reference 2 CFR 200 A II (h)

2. Compliance with the Copeland "Anti-Kickback" Act

A. Contractor. The awarded Contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into this contract.

B. Subcontracts. The awarded Contractor or subcontractor shall insert in any subcontracts the clause above and such other clauses as the FEMA may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.

C. Breach. A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a contractor and subcontractor as provided in 29 C.F.R. § 5.12.

Reference 2 CFR 200 A II (d)

3. Compliance with the Contract Work Hours and Safety Standards Act

A. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

B. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (A) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen, and guards, employed in violation of the clause set forth in paragraph (1) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (A) of this section.

C. Withholding for unpaid wages and liquidated damages. The County shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (B) of this section.

D. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in

paragraph (A) through (D) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (A) through (D) of this section.

Reference 2 CFR 200 A II (e)

4. Rights to Inventions Made Under a Contract or Agreement

If the Federal award meets the definition of "funding agreement" under 37 CFR §401.2 (a) and the recipient or sub-recipient wishes to enter into a contract with a small business firm or nonprofit organization regarding the substitution of parties, assignment or performance of experimental, developmental, or research work under that "funding agreement," the recipient or sub-recipient must comply with the requirements of 37 CFR Part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

5. Clean Air Act:

- A. The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.
- B. The contractor agrees to report each violation to the County and understands and agrees that the County will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
- C. The contractor agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FEMA.

Reference 2 C.F.R. Part 200, Appendix II

6. Federal Water Pollution Control Act

- A. The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.
- B. The contractor agrees to report each violation to the County and understands and agrees that the County will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.
- C. The contractor agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FEMA.

Reference 2 C.F.R. Part 200, Appendix II

7. Procurement of Recycled/Recovered Materials

- A. In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired:
 - 1) Competitively within a timeframe providing for compliance with the contract performance schedule;
 - 2) Meeting contract performance requirements; or
 - 3) At a reasonable price.
- B. Information about this requirement is available at EPA's Comprehensive Procurement Guidelines website, <http://www.epa.gov/cpg/>. The list of EPA-designate items is available at <http://www.epa.gov/cpg/products.htm>.

Reference 2 C.F.R. § 200.322

8. Compliance with Federal Law, Regulations, and Executive Orders

This is an acknowledgement that FEMA financial assistance will be used to fund the contract only. The contractor will comply will all applicable federal law, regulations, executive orders, FEMA policies, procedures, and directives.

Reference Financial Services and General Government Appropriations Act, 2015, Pub. L. No. 113-83, Division E, § 724 (2015); DHS Standard Terms and Conditions, v 3.0, II (Dec. 4, 2013).

9. No Obligation by Federal Government

The Federal Government is not a party to this contract and is not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract.

10. Program Fraud and False or Fraudulent Statements or Related Acts

The contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the contractor's actions pertaining to this contract.

Reference 31 U.S.C. §§ 3729-3733

11. Non-Segregated Facilities

The Contractor and each subcontractor shall comply with the Certification of Non-segregated Facilities supplied in these Contract Documents and this Certification shall be a part of the Contract Documents. By submission of a RFP, the Bidder and all subcontractors certify that they have familiarized themselves with the certification and that they will comply with the requirements set forth in the Certification.

12. Americans with Disabilities Act of 1990 (ADA)

The Contractor shall ensure compliance with all requirements imposed by ADA, and regulations of the federal government issued there under.

Reference DHS Standard Terms and Conditions, v 3.0, V (Dec. 4, 2013); Standard Form 424D, 10.

13. Equal Opportunity

All eligible businesses, including Small Local Business Enterprises (SLBEs) Disadvantaged Business Enterprises (DBEs) and Women/Minority Business Enterprises (WMBEs) shall be afforded a full opportunity to participate in any award made by the County pursuant to this Request for Proposals and will not be subjected to discrimination on the basis of race, color, sex, or national origin.

The County prohibits any awarded firm awarded a contract, to discriminate on the basis of race, color, religion, sex, national origin, age, or physical handicap.

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.

Reference 2 CFR 200.321

14. Sub-Contractors

If the awarded Contractor elects to sub-contract with any firm, for any portion of the work, the Contractor shall be responsible for all work performed by any sub-contract and the Contractor shall not be relieved of any obligations under the awarded Contract.

At any time, the County may, at its discretion, require any Respondent to submit all relevant data required to establish to the satisfaction of the County, the reliability and responsibility of the proposed sub-contractors to furnish and perform the work proposed.

Prior to the award of the Contract, the County will notify the Respondent in writing if the County, after due investigation, has reasonable and substantial objection to any person or organization proposed as a sub-contract. The Respondent then may, at his option, withdraw his RFP Package, or submit an acceptable alternate sub-contractor, at no increase in pricing. If the Respondent fails to submit an acceptable substitute within seven (7) days of the original notification, the County then may disqualify the Respondent from further consideration of award under this RFP.

The County reserves the right to disqualify any Contractor, Sub-Contractor, Vendor, or material supplier due to previously documented project problems, either with performance or quality.

Sub-contractors and other persons and organizations proposed by the Respondent and accepted by the County, must be used on the work for which they were proposed and accepted and shall not be changed except with the written approval of the County.

The awarded contractor shall take the following affirmative steps to ensure minority business, women's business enterprises and labor surplus area firms are used when possible:

- A. Placing qualified small and minority businesses and women's business enterprises on solicitation lists.
- B. Ensuring that small and minority businesses, and women's business enterprises are solicited whenever they are potential sources.
- C. 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.
- D. Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises.
- E. Using the services and assistance of the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.
- F. Requiring the prime contractor, if subcontracts are to be let, to take the affirmative steps listed in paragraphs (A) through (E) of this section.

Reference 2 CFR 200.321(b)(6)

15. Byrd Anti-Lobbying Amendment

Byrd Anti-Lobbying Amendment, 31 U.S.C. 1352, as amended by the Lobbying Disclosure Act of 1995, P.L. 104-65 [to be codified at 2 U.S.C. § 1601, et seq.] - Contractors who apply or bid for an award of \$100,000 or more shall file the certification required by 49 CFR part 20, "New Restrictions on Lobbying." Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier shall also disclose the name of any registrant under the Lobbying Disclosure Act of 1995 who has made lobbying contacts on its behalf with non-Federal funds with respect to that Federal contract, grant or award covered by 31 U.S.C. 1352! Such disclosures are forwarded from tier to tier up to the recipient.

Reference 2 CFR 200 A II (j)

16. Suspension and Debarment

- A. This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such the contractor is required to verify that none of the contractor, its principals (defined at 2 C.F.R. § 180.995), or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. § 180.935).
- B. The contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into.
- C. This certification is a material representation of fact relied upon by (insert name of sub grantee). If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to (name of state agency serving as grantee and name of sub grantee), the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment.

Reference Chapter IV, 6.d and 12.a.ix; 2 C.F.R. Part 200, Appendix II, I; DHS Standard Terms and Conditions, v 3.0, X (Dec. 4, 2013)

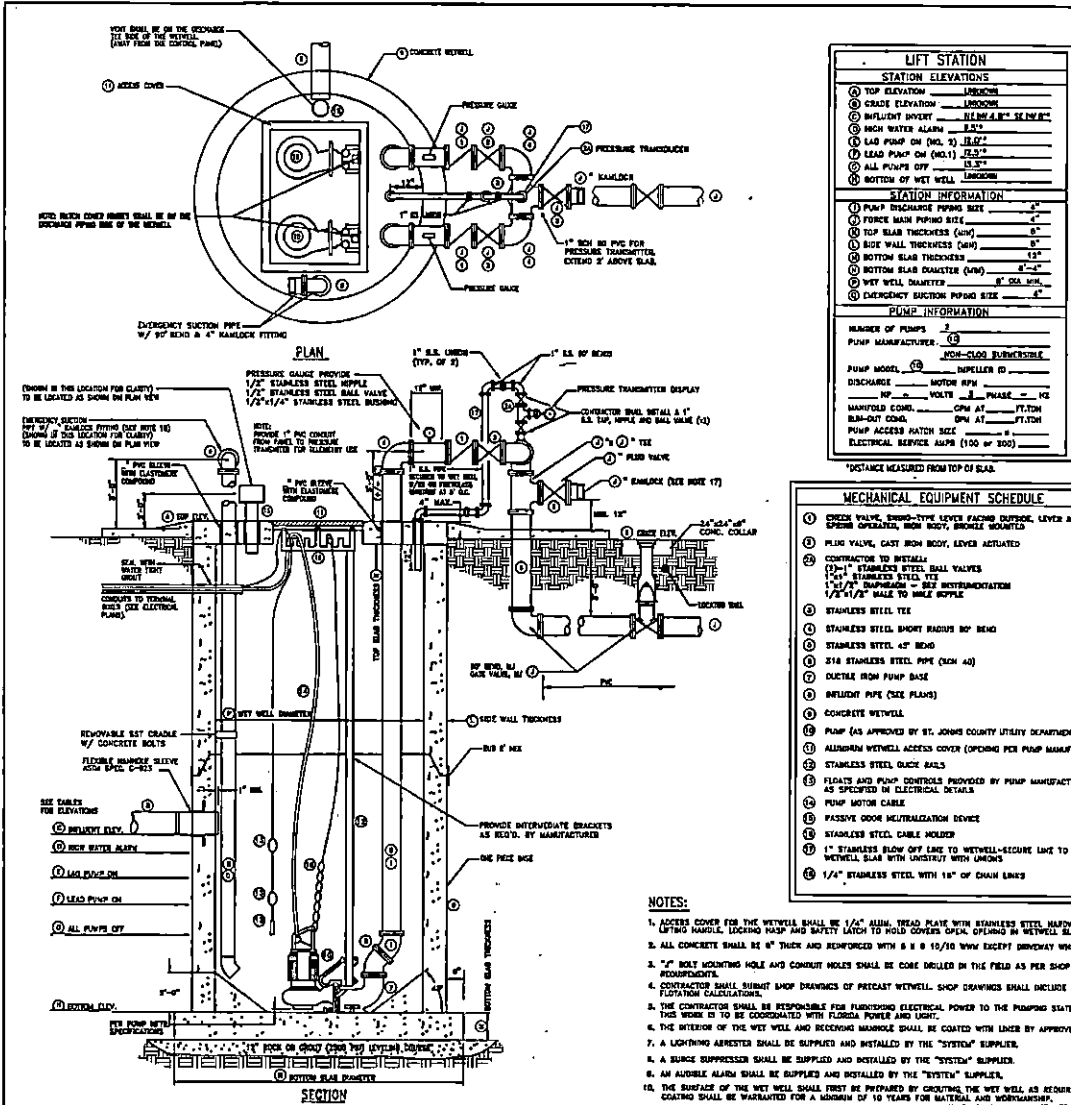


FIGURE 1 — EXISTING LIFT STATION AND ELECTRICAL EQUIPMENT LOC.

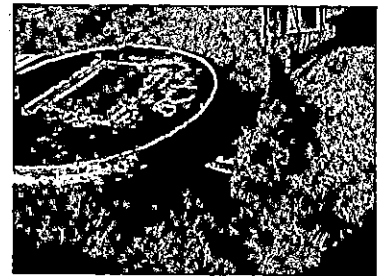


FIGURE 2 — EXPOSED ELECTRICAL CONDUIT FROM BACK OF WETWELL.

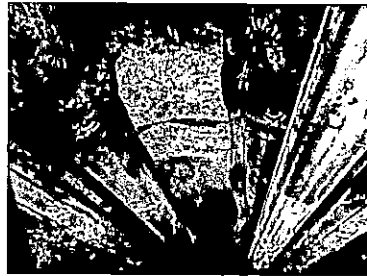


FIGURE 3 — EXISTING BUCKET BODY PIPE



FIGURE 4 — EXISTING INFILTRATION AROUND INLET

NO.	BY	DATE	SYMBOL	REVISIONS	DESIGNER	CHECKED BY	DATE	APPROVED BY	TITLE	DATE	NO. SHEETS
1	JAO				JAMES J. OVERTON, P.E.		7/23/22		SAND DOLLAR 3&4 LIFT STATION		1
2	JAO	7/23/22									1
3	JAO	7/23/22									1
4	JAO	7/23/22									1
5	JAO	7/23/22									1

ST. JOHNS COUNTY UTILITY DEPARTMENT

SAND DOLLAR 3&4 LIFT STATION

4" PUMP STATION STANDARD DETAIL

NO. SHEETS: 1
SHEET NO.: PS-4
DRAWING NO.: PS-4-25w

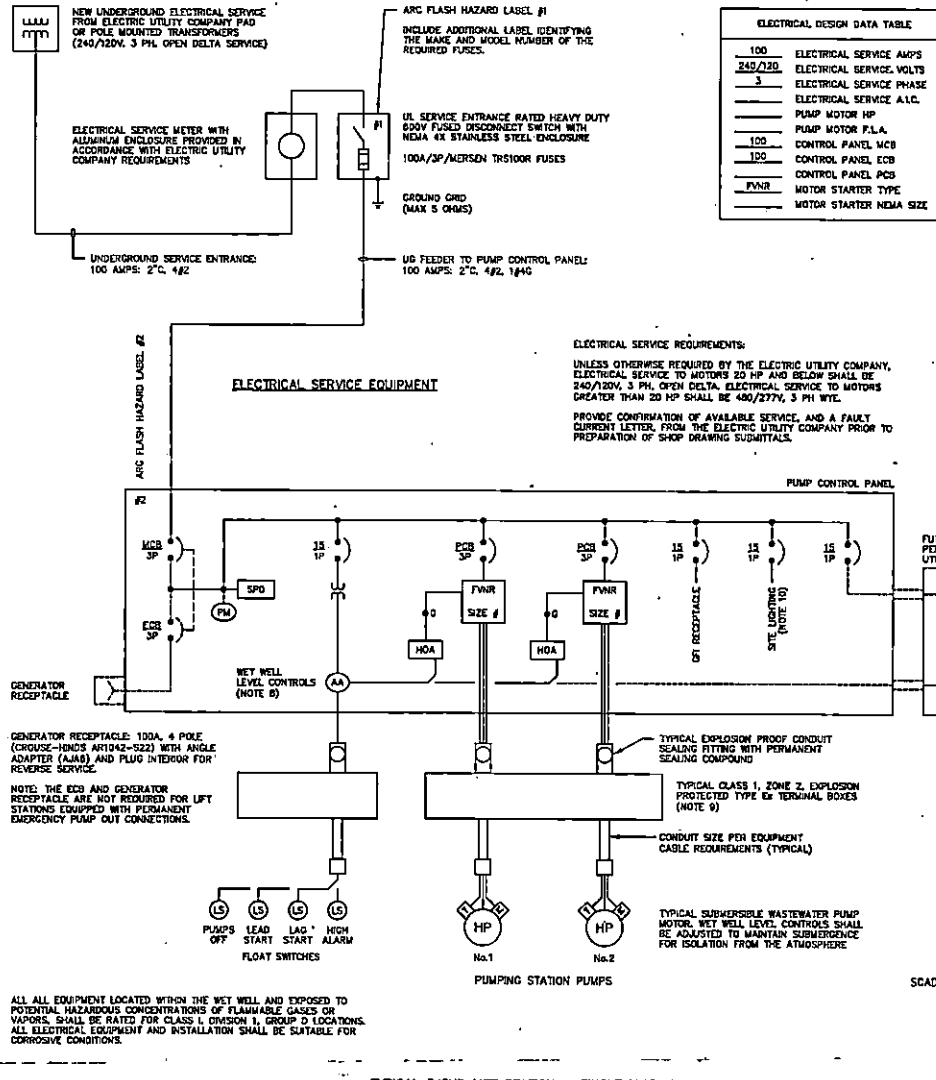
SOLID STANDARD DRAWING FOR REFERENCE 2017-07-10

NOTES:

- DESIGN DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW THE GENERAL REQUIREMENTS. ALL EQUIPMENT AND INSTALLATION SHALL BE IN ACCORDANCE WITH ST. JOHNS COUNTY DESIGN STANDARDS AND SPECIFICATIONS.
- ALL MATERIAL SHALL BE NEW AND SHALL CONFORM WITH THE STANDARDS OF THE UNDERWRITERS' LABORATORIES, INC., AMERICAN NATIONAL STANDARDS INSTITUTE, NATIONAL ELECTRICAL MANUFACTURERS' ASSOCIATION, INSULATED POWER CABLE ENGINEERS' ASSOCIATION, AND INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS. IN EVERY CASE WHERE SUCH A STANDARD HAS BEEN ESTABLISHED FOR THE PARTICULAR TYPE OF MATERIALS IN QUESTION.
- THE INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE REGULATIONS OF THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE, NATIONAL ELECTRICAL SAFETY CODE, APPLICABLE CITY, STATE, AND LOCAL CODES AND REGULATIONS AND OTHER APPLICABLE CODES, INCLUDING UTILITY COMPANY CODES.
- ALL PERMITS REQUIRED BY STATE OR LOCAL ORDINANCES SHALL BE OBTAINED, AND AFTER COMPLETION OF THE WORK, A CERTIFICATE OF FINAL INSPECTION AND APPROVAL FROM THE ELECTRICAL INSPECTOR SHALL BE FURNISHED TO THE OWNER. ALL PERMITS FOR INSTALLATION, INSPECTIONS, CONNECTIONS, ETC., SHALL BE TAKEN OUT AND PAID FOR BY THE CONTRACTOR AS PART OF THE WORK UNDER THIS SECTION.
- ALL MATERIALS AND WORKMANSHIP SHALL BE GUARANTEED TO BE FREE FROM DEFECTS. ANY PART OF THE SYSTEM CONSIDERED DEFECTIVE BY THE ENGINEER WITHIN THE GUARANTEE PERIOD SHALL BE IMMEDIATELY REPLACED OR CORRECTED TO THE ENGINEER'S SATISFACTION WITHOUT FURTHER EXPENSE TO THE OWNER.
- THE PROJECT'S GROUNDING SYSTEM SHALL CONSIST OF A GROUNDING ELECTRODE SYSTEM IN ACCORDANCE WITH NEC SPECIFICATIONS, BONDED TO A MAIN GROUND BUS INTERCONNECTING ALL POWER DISTRIBUTION EQUIPMENT. GROUND ROD SECTIONS SHALL BE COPED AND DRIVEN TO ESTABLISH A MAXIMUM RESISTANCE TO GROUND OF 5 OHMS THROUGHOUT THE GROUNDING SYSTEM.
- UNLESS OTHERWISE INDICATED, ELECTRICAL EQUIPMENT ENCLOSURES SHALL BE NEMA 12/FR ALUMINUM OR 316 STAINLESS STEEL. CONDUCTORS SHALL BE STRANDED AND TYPE KMH-2 COPPER. UNDERGROUND CONDUIT SHALL BE SCH 40 PVC EXPOSED CONDUIT SHALL BE SCH 80 PVC CONDUIT INTO THE WET WELL SHALL BE PVC COATED RIGID ALUMINUM SUPPORT CHANNEL AND MOUNTING STRUT SHALL BE MINIMUM 1.5" x 1.5" ALUMINUM. ALL MOUNTING HARDWARE SHALL BE 316 STAINLESS STEEL, INCLUDING BUT NOT LIMITED TO NUTS, BOLTS, WASHERS, BRACKETS, ETC. NUTS AND BOLTS WITH ANTI-SEIZE COMPOUND SHALL BE USED. SCREWS ARE NOT ALLOWED. ALL MATERIALS AND INSTALLATION SHALL BE SUITABLE FOR "CORROSIVE ATMOSPHERES".
- THE PUMP CONTROL PANEL, WET WELL LEVEL CONTROL SYSTEM SHALL INCLUDE LEAD PUMP SELECTOR SWITCH AND AUTOMATIC ALTERNATOR FOR AUTOMATIC LEAD/LAG PUMP CONTROL, AND ALTERNATOR, AND 24V CONTROL POWER TRANSFORMER AND HIGH/LOW/LEAD/OFF LEVEL FLOAT SWITCHES FOR PUMP CONTROL AND HIGH LEVEL ALARM.
- DUCT SEAL IS REQUIRED AT ALL CONDUIT CONNECTIONS IN AND OUT OF THE EQUIPMENT CABLE TERMINAL BOXES. ADDITIONALLY, DUCT SEAL IS REQUIRED AT ALL CONDUIT CONNECTIONS IN AND OUT OF THE PUMP CONTROL PANEL.
- PROVIDE SITE LIGHT POLE WITH SERVICE FROM THE PUMP CONTROL PANEL (3/4"Ø, 12/2). PROVIDE WP DUPLEX GFI RECEPTACLE WITH CAST ALUMINUM BOX AND COVER, AND WP LIGHT SWITCH WITH CAST ALUMINUM BOX AND COVER, MOUNTED ADJACENT TO THE PUMP CONTROL PANEL. SITE LIGHT POLE SHALL BE FIBERGLASS CORRECT BURNED POLE WITH BLACK FINISH. LUMINAIRE SHALL BE AEL MODEL LNH2-1US-VOLTS-RS-BA-SH WITH 18" LONG ALUMINUM SPOKE BRACKET ARM. LUMINAIRE MOUNTING HEIGHT SHALL BE 12'. LOCATE LIGHT POLE ON RIGHT-HAND SIDE OF THE PUMP CONTROL PANEL.
- IN ACCORDANCE WITH THE LATEST ST. JOHNS COUNTY UTILITIES DEPARTMENT STANDARDS, THE NEW PUMP CONTROL PANEL, EXPLOSION PROTECTED TYPE EX TERMINAL BOXES, WET WELL LEVEL CONTROLS, AND UL SERVICE ENTRANCE MAIN FUSED DISCONNECT SWITCH SHALL BE FURNISHED BY THE SJCD APPROVED LIFT STATION ELECTRICAL SUPPLIER.
- IN ACCORDANCE WITH THE LATEST ST. JOHNS COUNTY UTILITIES DEPARTMENT STANDARDS, THE SCADA SYSTEM RTU, ANTENNA MAST, AND ANTENNA, SHALL BE PROVIDED BY A SJCD APPROVED SCADA SYSTEM INTEGRATOR. FOR STATIONS EQUIPPED WITH FORCE MAIN PRESSURE SENSORS AND/OR WATER MAIN PRESSURE SENSORS, THE PRESSURE SENSORS SHALL BE PROVIDED BY THE SCADA SYSTEM INTEGRATOR.

ELECTRICAL SYSTEMS ANALYSIS:

- THE CONTRACTOR SHALL INCLUDE A BID ALLOWANCE IN THE AMOUNT OF \$2000.00 TO OBTAIN THE SERVICES OF AN INDEPENDENT ELECTRICAL ENGINEERING FIRM TO PROVIDE A PRELIMINARY AND FINAL SHORT CIRCUIT, DEVICE EVALUATION, PROTECTIVE DEVICE COORDINATION, AND ARC FLASH STUDY OF THE COMPLETE ELECTRICAL DISTRIBUTION SYSTEM, IN ACCORDANCE WITH SJCD STANDARDS.
- THE CONTRACTOR SHALL PROVIDE, WITH THE SHOP DRAWING SUBMITTALS, A LISTING OF THE FOLLOWING INFORMATION FOR EACH POWER DISTRIBUTION FEEDER: CONDUIT SIZE, CONDUIT TYPE, CONDUCTOR SIZE, CONDUCTOR TYPE, CONDUCTOR LENGTH.
- THE SERVICE ENTRANCE MAIN FUSED DISCONNECT SWITCH FUSE SELECTION SHALL BE IN ACCORDANCE WITH THE SJCD STANDARDIZED FUSES: FERRAZ SHAWWAT TRISIDOR AND TRISCOR. HOWEVER, SELECTION OF AN INTERMEDIATE TRIS-R FUSE SHALL BE UTILIZED WHEN POSSIBLE TO REDUCE THE DOWNSTREAM HAZARD RISK CATEGORY.
- THE CONTRACTOR SHALL PROVIDE THE SERVICE ENTRANCE FUSE SIZE DETERMINED BY THE FINAL APPROVED ELECTRICAL SYSTEMS ANALYSIS.



TYPICAL SJCD LIFT STATION -- SINGLE LINE DIAGRAM

ELECTRICAL DESIGN DATA TABLE	
100	ELECTRICAL SERVICE AMPS
240/210	ELECTRICAL SERVICE VOLTS
3	ELECTRICAL SERVICE PHASE
	ELECTRICAL SERVICE A.I.C.
	PUMP MOTOR HP
	PUMP MOTOR P.L.A.
100	CONTROL PANEL WCB
100	CONTROL PANEL ECB
	CONTROL PANEL PCS
	MOTOR STARTER TYPE
	MOTOR STARTER NEMA SIZE

- ELECTRICAL LEGEND**
- CIRCUIT BREAKER (TRIP RATING/POLES)
 - "MBS" MAIN BREAKER, "ECS" EMERGENCY BREAKER
 - "PCB" PUMP MOTOR BREAKER
 - MAGNETIC TYPE COMBINATION MOTOR STARTER, NEMA SIZE AS INDICATED ("FP" FULL VOLTAGE, "VF" REDUCED VOLTAGE, "MS" NON-REVERSING, "SS" SOLID STATE SOFT START, "VFD" VARIABLE FREQUENCY DRIVE)
 - MOTOR (NUMERAL INDICATES HORSEPOWER)
 - TRANSFORMER ("CT" CURRENT TRANSFORMER; "CPT" CONTROL POWER TRANSFORMER)
 - GREEN "RUNNING" PILOT LIGHT (LED TYPE)
 - HAND OFF AUTO SELECTOR SWITCH
 - AUTOMATIC ALTERNATOR
 - THREE PHASE POWER MONITOR
 - LEVEL SWITCH
 - LEVEL CONTROLLER
 - SURGE PROTECTION DEVICE

ELECTRICAL SERVICE REQUIREMENTS:
 UNLESS OTHERWISE REQUIRED BY THE ELECTRIC UTILITY COMPANY, ELECTRICAL SERVICE TO MOTORS 20 HP AND BELOW SHALL BE 240/120V, 3 PH, OPEN DELTA, ELECTRICAL SERVICE TO MOTORS GREATER THAN 20 HP SHALL BE 480/277V, 3 PH WYE.
 PROVIDE COORDINATION OF AVAILABLE SERVICE, AND A FAULT CURRENT LETTER FROM THE ELECTRIC UTILITY COMPANY PRIOR TO PREPARATION OF SHOP DRAWING SUBMITTALS.

ALL ALL EQUIPMENT LOCATED WITHIN THE WET WELL AND EXPOSED TO POTENTIAL HAZARDOUS CONCENTRATIONS OF FLAMMABLE GASES OR VAPORS, SHALL BE RATED FOR CLASS I, DIVISION 1, GROUP D LOCATIONS. ALL ELECTRICAL EQUIPMENT AND INSTALLATION SHALL BE SUITABLE FOR CORROSIVE CONDITIONS.

NO.	BY	DATE	SYMBOL	REVISIONS
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2				
3				
4				
5				

DESIGNED BY	DATE
CHECKED BY	DATE

REVISION CHECKER	FLORIDA REGISTRATION NO.

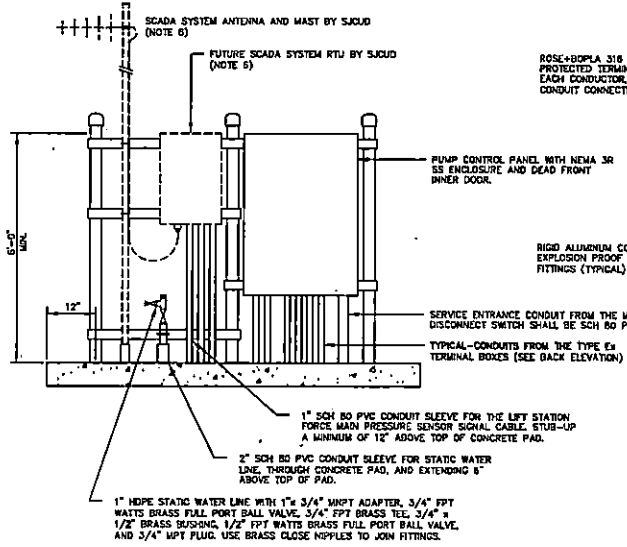
ST. JOHNS COUNTY UTILITIES DEPARTMENT
 1000 BERRY ROAD #1
 ST. JOHNS COUNTY, FLORIDA 32804-8844
 PHONE (904) 266-2788 • FAX (904) 266-2782

SJCD STANDARD SUBMERSIBLE LIFT STATION ELECTRICAL SINGLE LINE DIAGRAM
 100 AMP 240/120V 3 PHASE

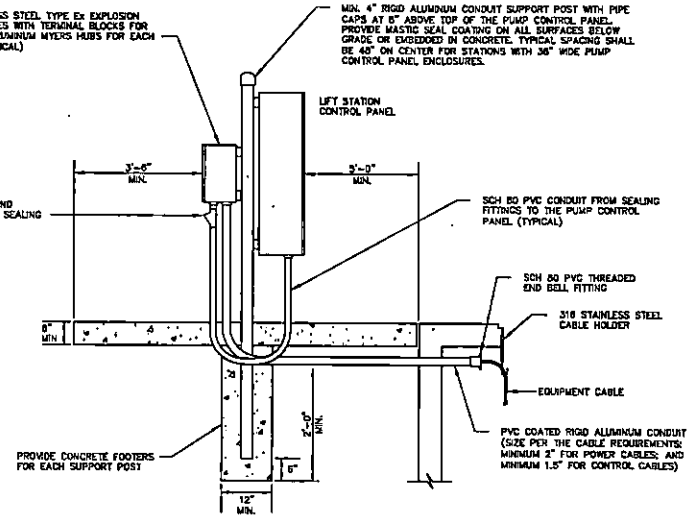
NO. SHEETS	SHEET NO.	DRAWING NO.

NOTES:

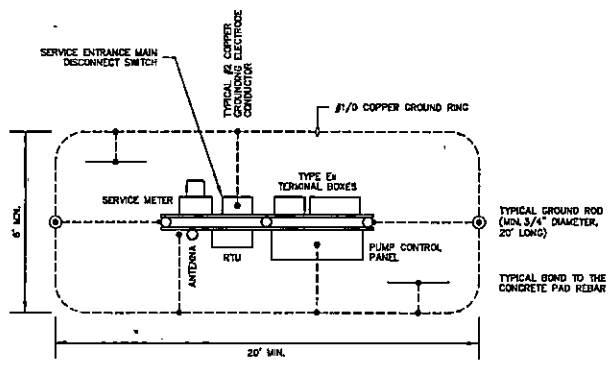
1. THE CONTRACTOR SHALL SCHEDULE AN ELECTRICAL PRE-CONSTRUCTION COORDINATION SITE MEETING WITH SJUCD AND THE ELECTRICAL DESIGN ENGINEER TO COORDINATE SITE SPECIFIC REQUIREMENTS OF THE ELECTRICAL EQUIPMENT INSTALLATION.
2. THE CONTRACTOR SHALL SCHEDULE AN ELECTRICAL ROUGH-IN SITE INSPECTION WITH SJUCD AND THE ELECTRICAL DESIGN ENGINEER TO INSPECT THE ELECTRICAL EQUIPMENT INSTALLATION PRIOR TO POURING CONCRETE.
3. GROUNDING ELECTRODE SYSTEM: PROVIDE A GROUND RING PER NEC 250.52, ENCASED IN THE ELECTRICAL SERVICE EQUIPMENT, CONSISTING OF CONTINUOUS #1/0 THINNED COPPER CONDUCTOR AT 30" BELOW GRADE.
4. PROVIDE GROUND RODS (MINIMUM 3/4" DIAMETER, 20' LONG COPPER CLAD STEEL) BORED TO EACH END OF THE GROUND RING, AT LEAST 20' APART. GROUND ROD SECTIONS SHALL BE COUPLED AND DRIVEN TO ESTABLISH A MAXIMUM RESISTANCE TO GROUND OF 5 OHMS THROUGHOUT THE GROUNDING ELECTRODE SYSTEM.
5. GROUNDING ELECTRODE CONDUCTOR: PROVIDE MINIMUM #2 THINNED COPPER GROUNDING ELECTRODE CONDUCTOR FROM THE GROUND RING TO THE SERVICE ENTRANCE DISCONNECT SWITCH, PUMP CONTROL PANEL, RTU, SCADA SYSTEM ANTENNA TOWER, ELECTRICAL EQUIPMENT RACK 300 POSTS, AND FENCE. INSTALL GROUNDING ELECTRODE CONDUCTORS IN 3/4" SCH 80 PVC CONDUIT SLEEVES FOR MECHANICAL PROTECTION.
6. THE CONTRACTOR SHALL REVIEW THE SCADA SYSTEM DETAILS AND SHALL MAKE ALL PROVISIONS REQUIRED FOR THE FUTURE INSTALLATION OF THE SCADA SYSTEM RTU AND ANTENNA INCLUDING SLEEVES FOR THE ANTENNA MAST, GROUND ROD FOR THE ANTENNA MAST, RTU POWER AND CONTROL CONDUITS, FORCE MAIN PRESSURE TRANSMITTER CONDUIT, AND THE WATER MAIN PRESSURE TRANSMITTER STATIC WATER LINE.



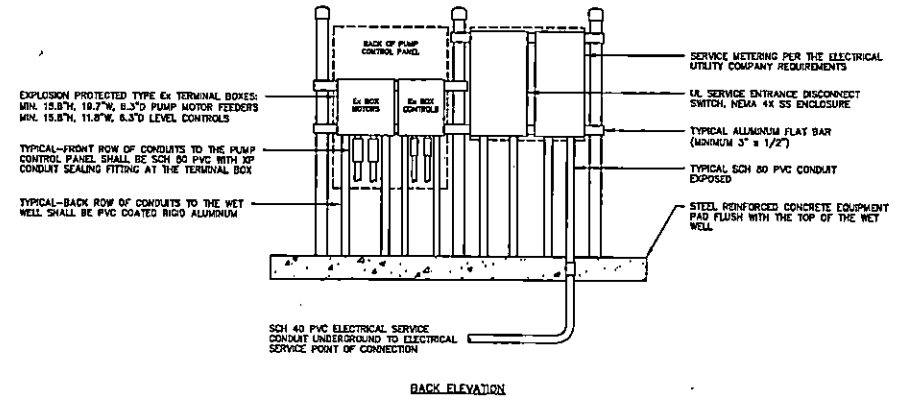
FRONT ELEVATION



SIDE VIEW



ELECTRICAL-EQUIPMENT GROUNDING SYSTEM DETAIL
NOT TO SCALE

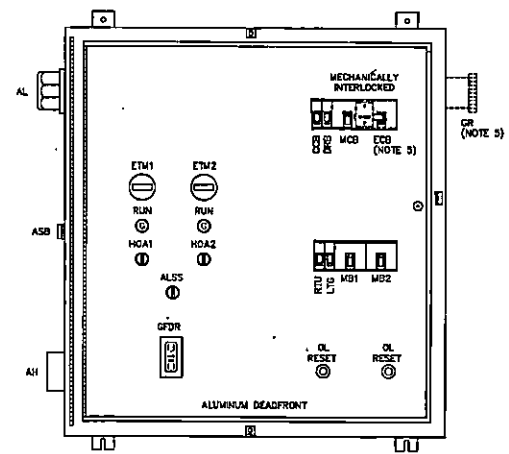
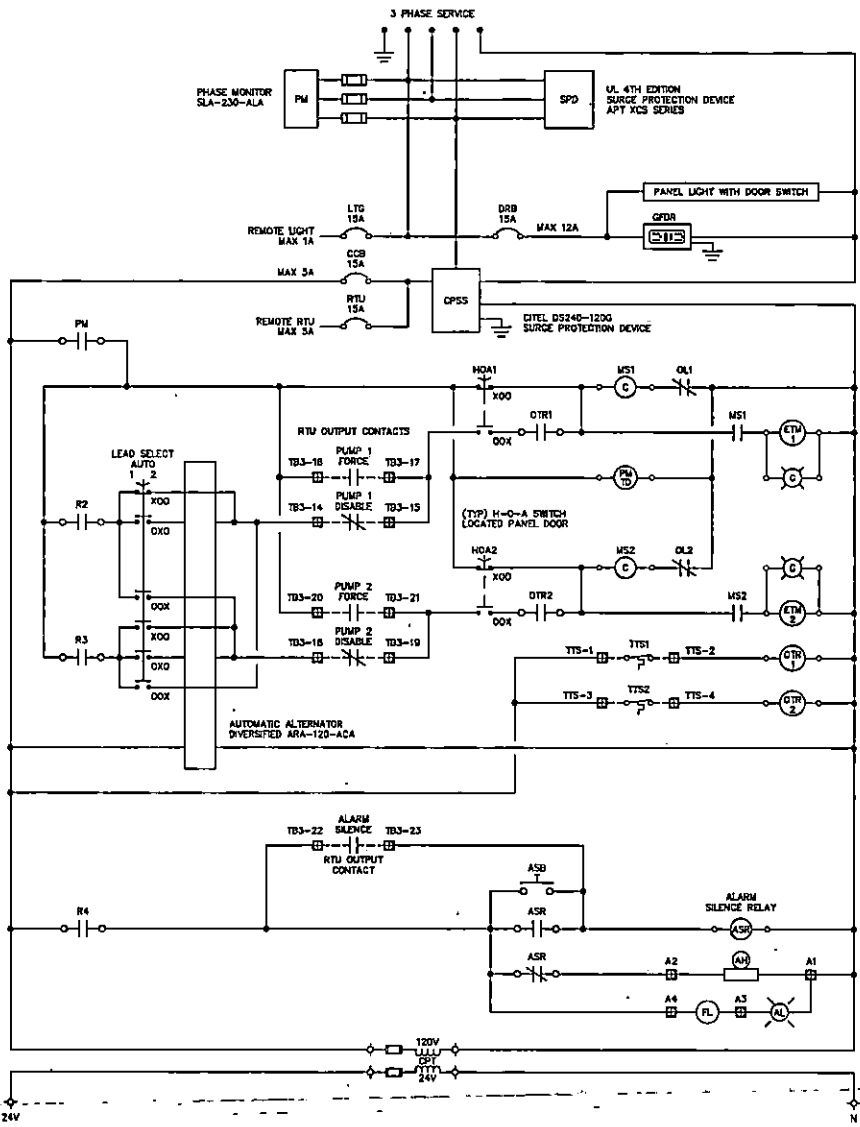


TYPICAL LIFT STATION ELECTRICAL EQUIPMENT INSTALLATION DETAIL
NOT TO SCALE

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2.					CHECKED BY		DRAWING NO.
3.					DATE		E-102
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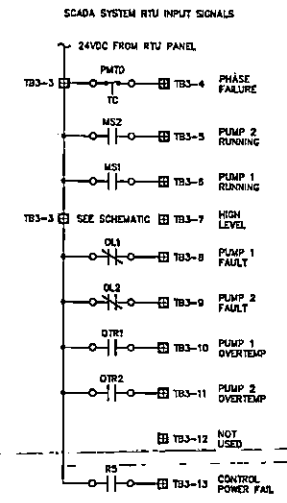
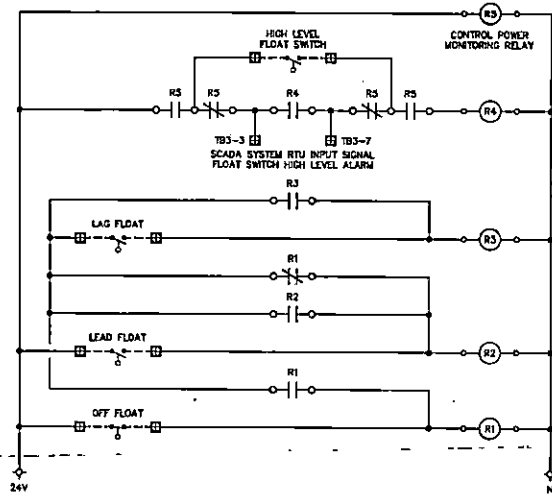
**ST. JOHNS COUNTY
UTILITY DEPARTMENT**
1000 STATE ROAD 14
ST. AUGUSTINE, FLORIDA 32084-8044
Phone (904) 425-3700 • Fax (904) 888-6700

**SJUCD STANDARD SUBMERSIBLE LIFT STATION
ELECTRICAL DETAILS
100 AMP 240/120V 3 PHASE**



- CONTROL PANEL LEGEND**
- AH - ALARM HORN
 - AL - ALARM LIGHT
 - ASB - ALARM SILENCE BUTTON
 - ASR - ALARM SILENCE RELAY
 - ALSS - ALTERNATOR LEAD SELECTOR SWITCH
 - CPSS - CONTROL POWER SURGE SUPPRESSOR
 - DCB - CONTROL CIRCUIT BREAKER
 - DPDT - DOUBLE POLE DOUBLE THROW
 - DRB - DUPLEX RECEPTACLE BREAKER
 - ECB - EMERGENCY CIRCUIT BREAKER
 - ETM - ELAPSED TIME METER
 - F - FUSE
 - FB - FUSE BLOCK
 - FL - FLASHER
 - G - GREEN LED "RUNNING" PILOT LIGHT
 - GFDR - GROUND FAULT DUPLEX RECEPTACLE
 - GR - GENERATOR RECEPTACLE
 - LCB - LIGHTING CIRCUIT BREAKER
 - MB - MOTOR BREAKER
 - MCB - MAIN CIRCUIT BREAKER
 - MS - MOTOR STARTER
 - OL - OVERLOAD
 - OT - OVERTEMP
 - PB - POWER BLOCK
 - PM - PHASE MONITOR
 - R - RELAY
 - RCD - RTU CIRCUIT BREAKER
 - RL - RUNNING LIGHT
 - SPD - SURGE PROTECTION DEVICE
 - TD - TERMINAL BLOCK
 - TTS - THERMAL TERMINAL STRIP

- NOTES:**
1. ALL PANEL WIRING SHALL BE TINNED CONDUCTORS.
 2. ALL CONTROL RELAYS SHALL BE TPDT.
 3. POWER MONITOR THE DELAY RELAY "TMTD" SHALL BE EATON TMS TIME DELAY ON DE-ENERGIZE RELAY PROVIDING OFF DELAY FUNCTION WITHOUT REQUIRING INPUT VOLTAGE DURING OFF THE DELAY. SET OFF TIME DELAY AT 80 SECONDS.
 4. FIELD TERMINAL BLOCKS SHALL BE ANGLE MOUNTED TO FACILITATE FIELD CONNECTIONS. THE ECB AND GENERATOR RECEPTACLE ARE NOT REQUIRED FOR LIFT STATIONS EQUIPPED WITH PERMANENT EMERGENCY PUMP OUT CONNECTIONS.



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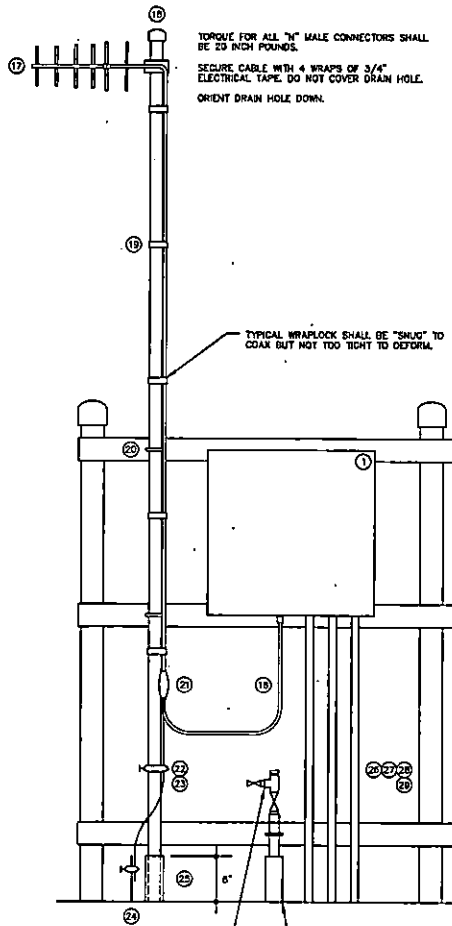
ST. JOHNS COUNTY
UTILITY DEPARTMENT
1000 STATE ROAD 18
P.O. BOX 1000
ST. AUGUSTINE, FLORIDA 32084-9000
Phone: (904) 882-4700 • Fax: (904) 882-4700

**SJCD STANDARD SUBMERSIBLE LIFT STATION
PUMP CONTROL PANEL DETAILS
100 AMP 240/120V 3 PHASE**

NO. SHEETS	1
SHEET NO.	1
DRAWING NO.	E-103

SCADA SYSTEM NOTES:

1. THE CONTRACTOR SHALL EMPLOY THE SERVICES OF A SJUCD PRE-APPROVED SCADA SYSTEM INTEGRATOR TO PERFORM ALL SCADA SYSTEM ADDITIONS AND MODIFICATIONS INCLUDING: NEW RTU, ANTENNA, AND ANTENNA MAST.
2. THE SCADA SYSTEM SUPPLIER SHALL MODIFY AND UPGRADE THE EXISTING SJUCD MASTER SCADA SYSTEM AS REQUIRED TO INCORPORATE THE NEW FACILITIES.
3. THE CONTRACTOR AND THE SCADA SYSTEM SUPPLIER SHALL COORDINATE ALL SCADA SYSTEM INSTALLATION WITH THE SJUCD SCADA SYSTEM SUPERVISOR.
4. THE SCADA SYSTEM RTU SHALL BE A SJUCD STANDARD LIFT STATION RTU WITH MOTOROLA ACE3600 RTU CONFIGURED WITH MIXED I/O MODULES AS INDICATED, PROVIDE POWER AND SIGNAL LINE SURGE PROTECTION.
5. PRIOR TO SHOP DRAWING SUBMITTALS, THE SCADA SYSTEM SUPPLIER SHALL CONFIRM RADIO/ANTENNA SELECTION WITH THE SJUCD SCADA SYSTEM SUPERVISOR.
6. IN ORDER TO MAINTAIN FCC PART 15 COMPLIANCE, ALL ANTENNA WORK MUST BE PERFORMED OR CERTIFIED BY AN FCC CERTIFIED TECHNICIAN, THE SJUCD SCADA SUPERVISOR WILL INSPECT AND CERTIFY (AT NO CHARGE) BUT WILL NOT PERFORM CORRECTIVE ACTIONS.
7. ANTENNA MAST GROUND ROD SHALL BE BONDED (UNDERGROUND) TO THE STATION ELECTRICAL SYSTEM GROUNDING GRID.
8. ALL "LIGHTNING PROTECTION" GROUNDING CONDUCTORS SHALL HAVE AN EVEN SLOPE FROM POINT OF CONTACT TO THE GROUND ROD (NO 90° BENDS).
9. ALL GROUND CONTACT POINTS SHALL BE PROTECTED BY AN ANTI-OXIDATION COMPOUND.
10. ALL RF CONNECTORS SHALL BE TIGHTENED TO MANUFACTURER SPECIFICATIONS, AND SHALL BE PROPERLY SEALED; GOLD BRONX IS NOT ACCEPTABLE.
11. DRAIN HOLES ON ANTENNAS MUST BE ORIENTED DOWN.
12. ALL THREADED CONNECTIONS, EXCEPT ANTENNA CONNECTIONS, SHALL BE PROTECTED WITH ANTI-SEIZE TREATMENT.
13. THE "POWER" CONDUIT FROM THE RTU TO THE PUMP CONTROL PANEL SHALL BE USED FOR ALL 120 VAC CONDUCTORS, INCLUDING THE RTU INPUT POWER AND THE DIGITAL OUTPUT CONDUCTORS.
14. THE "CONTROL" CONDUIT FROM THE RTU TO THE PUMP CONTROL PANEL SHALL BE USED FOR ONLY 24 VDC CONDUCTORS, INCLUDING THE DIGITAL INPUT SIGNAL CONDUCTORS AND THE ANALOG INPUT SIGNAL CABLES. PROVIDE 1/2" PIPES CABLES FOR EACH ANALOG INPUT SIGNAL.
15. PROVIDE DIN RAIL ON BACK PLANE AT THE RTU RADIO MOUNTING LOCATION FOR THE 4RF RADIO MOUNTING BRACKET, MOUNT THE DIN RAIL USING EXISTING TAPPED SCREW HOLES. DO NOT DRILL AND TAP NEW HOLES.
16. THE SCADA SYSTEM SUPPLIER SHALL PROVIDE THE FORCE MAIN PRESSURE TRANSMITTER, INCLUDING ASHCREFT TYPE 330 FLUSH DIAPHRAGM SEAL, AND ALUMINUM M20X1.3 METRIC TO 1/2" NPT CONDUIT CONNECTION ADAPTER.

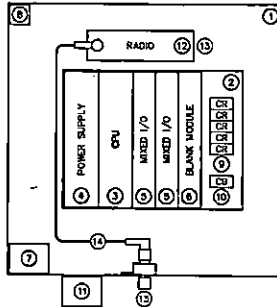


PROVIDE 1" HDPE STATIC WATER LINE WITH 1" 3/4" NPT ADAPTER, 3/4" FPT WATTS BRASS FULL PORT BALL VALVE, 3/4" FPT BRASS TEE, 3/4" x 1/2" BRASS BUSHING, 1/2" FPT WATTS BRASS FULL PORT BALL VALVE, AND 3/4" FPT PLUG.

2" SCH 80 PVC CONDUIT SLEEVE FOR STATIC WATER LINE, THROUGH CONCRETE PAD, AND EXTENDING 6" ABOVE TOP OF PAD.

SCADA SYSTEM ANTENNA DETAIL
NOT TO SCALE

SCADA SYSTEM EQUIPMENT SCHEDULE	
ITEM	DESCRIPTION
1	RTU ENCLOSURE, SCHAEFER'S ELECTRICAL ENCLOSURE, MODEL SPH44L-2020B-735, DO NOT SUBSTITUTE, NEMA 12/3R ALUMINUM ENCLOSURE, PADLOCK PROVISIONS, ALUMINUM TOP, SIDES, AND DOOR SUN SHIELDS
2	MOTOROLA ACE3600 METAL CHASSIS WITH 3 I/O SLOT FRAME V214/V103
3	MOTOROLA ACE3600 RTU WITH UPGRADE TO CPU3800 AND SECURITY, ENABLE OPTION F7509/V448/V40030DA
	MOTOROLA CPU PLUG-IN ETHERNET 10/100 M PORT V212
4	MOTOROLA ACE3600 AC POWER SUPPLY WITH BATTERY CHARGER V201
5	MOTOROLA ACE3600 MIXED I/O MODULE 16DI, 4DO EE, 4AI, ±20 mA WITH FLOATING POWER SUPPLY V245/V250
6	MOTOROLA ACE3600 BLANK I/O MODULE V20
7	MOTOROLA BATTERY POWER CABLE FXNB378
	BATTERY BACKUP 12V, 7AH, SEALED RECHARGEABLE SLA BATTERY, TOYO-USP 6FM57
8	INTRUSION SWITCH WITH PULL TO DEFEAT FEATURE HONEYWELL MICRO SWITCH 1DM401
9	DIN RAIL MOUNTED DIGITAL OUTPUT CONTROL RELAYS OMRON G2R-1-SNI-DC12-S, 12VDC, SPDT, PTT
10	DIN RAIL MOUNTED CIRCUIT BREAKER SUPPLEMENTARY PROTECTOR EATON FAZ-C10, 1/2-SP
11	DITEX DTX-128HW SURGE PROTECTION DEVICE 120VAC
	4RF DIGITAL RADIO MODEL AFS0-N220-SSC-HD-22-ENAA
12	4RF DIGITAL RADIO DIN RAIL MOUNTING BRACKET AP5B-MBRK-DIN (NOTE 15)
	RADIO POWER CABLE 12VDC WITH PLUG COMPATIBLE WITH MOTOROLA POWER SUPPLY
13	RADIO COMMUNICATION CABLE TYPE S68B ETHERNET CABLE, 1M
14	LMR-105 FLEXIBLE COAX, RIGHT ANGLE N MALE/RIGHT ANGLE TNC MALE CONNECTORS, 36" LONG
15	TIMES MICROWAVE LP-HBX-NFT COAX SURGE ARRESTER
16	TIMES MICROWAVE LMR-400-DB COAX, TYPE N MALE CONNECTORS E2-400-NMH-0
17	ASTRON MODEL 220-6H ANTENNA
18	ANTENNA MAST 2" x 20' LONG SCHEDULE 40 ALUMINUM PIPE, WHITE PVC CAP
19	1/2" SS WRAPLOCK BANDS, 3' ON CENTER, THE WRAPS ARE NOT ACCEPTABLE
20	3/8" SS U-BOLTS, ANTI-SEIZE MUST BE USED ON ALL THREADS.
21	TESSCO GK-S3B COAX GROUND KIT
22	GROUNDING CLAMP RATED FOR DIRECT BURIAL
23	NO.4 AWG SOLID TINNED COPPER CONDUCTOR
24	COPPER CLAD STEEL GROUND ROD, 5/8" DIAMETER, 10' LONG
25	2.5" SCHEDULE 40 GRAY PVC CONDUIT SLEEVE THROUGH SLAB
26	1" SCH 80 PVC "POWER" CONDUIT TO PUMP CONTROL PANEL, 120 VAC CONDUCTORS
27	1" SCH 80 PVC "CONTROL" CONDUIT TO PUMP CONTROL PANEL, 24 VDC CONDUCTORS
28	1" SCH 80 PVC CONDUIT TO THE LIFT STATION FORCE MAIN PRESSURE TRANSMITTER
29	FORCE MAIN PRESSURE TRANSMITTER: WIKA UPT-20 PART NUMBER 5257171B (SEE NOTE 16)



SCADA SYSTEM RTU DETAIL
NOT TO SCALE

RTU I/O SCHEDULE			
MIXED I/O MODULE		MIXED I/O MODULE	
D1	SIGNAL DESCRIPTION	D1	SIGNAL DESCRIPTION
D1	RTU INTRUSION SWITCH	D1	SPARE
D2	HIGH LEVEL	D2	SPARE
D3	PHASE FAILURE	D3	SPARE
D4	PUMP 1 RUNNING	D4	SPARE
D5	PUMP 2 RUNNING	D5	SPARE
D6	PUMP 1 FAIL	D6	SPARE
D7	PUMP 2 FAIL	D7	SPARE
D8	CONTROL POWER	D8	SPARE
D9	PUMP 1 OVERTEMP	D9	SPARE
D10	PUMP 2 OVERTEMP	D10	SPARE
D11	TRANSUDGER HIGH LEVEL	D11	SPARE
D12	SPARE	D12	SPARE
D13	SPARE	D13	SPARE
D14	SPARE	D14	SPARE
D15	SPARE	D15	SPARE
D16	SPARE	D16	SPARE
D17	SIGNAL DESCRIPTION	D17	SIGNAL DESCRIPTION
D18	PUMP 1 DISABLE	D18	ALARM SILENCE
D19	PUMP 2 DISABLE	D19	SPARE
D20	PUMP 1 REMOTE RUN	D20	SPARE
D21	PUMP 2 REMOTE RUN	D21	SPARE
A1	SIGNAL DESCRIPTION	A1	SIGNAL DESCRIPTION
A1	WET WELL LEVEL	A1	SPARE
A2	FORCE MAIN PRESSURE	A2	SPARE
A3	WATER MAIN PRESSURE	A3	SPARE
A4	SPARE	A4	SPARE

NO.	BY	DATE	SYMBOL	REVISIONS
1.				
2.				
3.				
4.				
5.				

DESIGNED BY	CHECKED BY	DATE

DESIGN ENGINEER	FLUOR HUBERT TANNER INC.



ST. JOHNS COUNTY
UTILITY DEPARTMENT
1000 FLORIDA ROAD SE
BY APPOINTMENT, PALM BEACH, FLORIDA 33408-5904
PHONE (561) 442-6700 • FAX (561) 594-6200

SJUCD STANDARD SUBMERSIBLE LIFT STATION
SCADA SYSTEM DETAILS
100 AMP 240/120V 3 PHASE

NO. SHEETS
SHEET NO.
DRAWING NO.
E-104

SEALED BID MAILING LABEL

**BID NO: 18-28
SAND DOLLAR LIFT STATION REPAIR**

**Cut along the outer border and affix this label
to your sealed bid envelope to identify it as a
"Sealed BID"**

SEALED BID • DO NOT OPEN	
SEALED BID NO.:	BID NO: 18-28
BID TITLE:	Sand Dollar Lift Station Repair
DUE DATE/TIME:	By 2:00PM – January 10, 2018
SUBMITTED BY:	Company Name
	Company Address
	Company Address
DELIVER TO:	St. Johns County Purchasing Dept. ATTN: Robert Quinney 500 San Sebastian View St. Augustine FL 32084



END OF DOCUMENT