



February 25, 2021

The following changes, corrections, deletions, additions and insertions shall be and are hereby made an integral part of drawings and specifications for subject job, prepared by James J. Geremia & Associates, Inc. (JGA), 272 West Exchange St., Suite 201, Providence, RI 02903 as fully and to same extent as all other parts. Bids submitted shall be deemed to include these changes, corrections, deletions, additions and insertions, and any bidder shall be stopped from asserting non-receipt thereof. General bidder shall notify such sub-bidders as may be affected by this Addendum.

## **ADDENDUM NO. 1**

### **WASTEWATER TREATMENT FACILITY IMPROVEMENTS (2020) BID REFERENCE SK0032WO FOR THE TOWN OF SOUTH KINGSTOWN, RI**

#### **I. SPECIFICATIONS**

- A. Section 11225 (Final Settling Tanks), page 11225-1, Paragraph 1.02 (Final Settling Tank Operation): **Delete in its entirety.**
- B. Section 11263 (Screw Conveyors), page 11263-6, Paragraph 2.07 (Instrumentation & Controls): Add the following sub-paragraph:
  - “E. Shaftless screw conveyor manufacturer shall provide three (3) Ultrasonic Level Sensors as follows:
    - 1) Siemens
    - 2) SITRANS
    - 3) Probe L4”
- C. Section 11380 (Return Activated Sludge Pumps), page 11380-2, Paragraph 2.01 (Manufacturers), sub-paragraph C, Item #2:

**Delete:** “37.5 FT TDH”      **Insert:** “27.5 FT TDH”

#### **II. PLANS**

- A. See Sketch SK-1 (attached): requirements for painting polymer area
- B. See Sketch SK-2 (attached): clarification of piping requirements
- C. See Sketch SK-3 (attached): control wiring modifications – slide gates
- D. See Sketch SK-4 (attached): wiring modification – slide gates

### III. QUESTIONS/ANSWERS

Bill Montanaro, Jr. of Wescor Associates, Inc. has requested that the following specification sections be modified via addendum to reflect an "equal" manufacture for the following:

#### Section 11230 - Liquid Polymer System & Appurtenances

- We formally request that Prominent Fluid Controls of Pittsburgh, PA be named in the spec, via addendum, as an acceptable manufacturer for this equipment section.

#### Section 11350 - Coarse Bubble Aeration

- Are STAINLESS wide band diffusers with Stainless piping acceptable on this project?

If so, we would ask that the following paragraphs be revised:

- Paragraph 2.02.B.8 calls for the diffuser saddle mount to be PVC/ABS and does not allow for threaded connections. - *We request that this paragraph be revised or removed along with 2.02.B.6*

#### Section 11376 - Positive Displacement Blowers

- We request that the attached questions be reviewed, taken into consideration, and addressed via addendum.
- We request that "Atlas Copco" be added to the specification as an acceptable named manufacturer via addendum.

#### Section 11263 - Screw Conveyors

- 3HP minimum is spec'd but based on calculations we could use 1.5 or 2.0 HP motors for both conveyors. Please consider revising to 3HP MAX.
- 10 ga. troughs are spec'd. For this size conveyor we would normally supply 11 ga. (1/8") troughs. Please consider revising to 11 ga.
- 10 ga. covers are spec'd. We would normally supply 11 ga. or even 12 ga. for covers. 10 ga. covers are heavier and more difficult to manage for maintenance/inspection purposes. Please consider revising to 11 or 12 ga.
- 9" diameter conveyor is spec'd. Proposing our U260 conveyor which has 10-1/4" trough and 8-5/16" dia. screw. Attached is a cutsheet highlighting the U260 model.
- JDV does not recommend not using ultrasonic for sludge level monitoring as it is very problematic (ultrasonic should never be used for sludge in a loadout application). Please consider revision to photoelectric level sensors. This system is more reliable, more user friendly, and less expensive.

- We do not see an actuator model spec'd. Our standard would be the Andco Linear Actuator, cutsheet attached. Please consider adding to the specification.

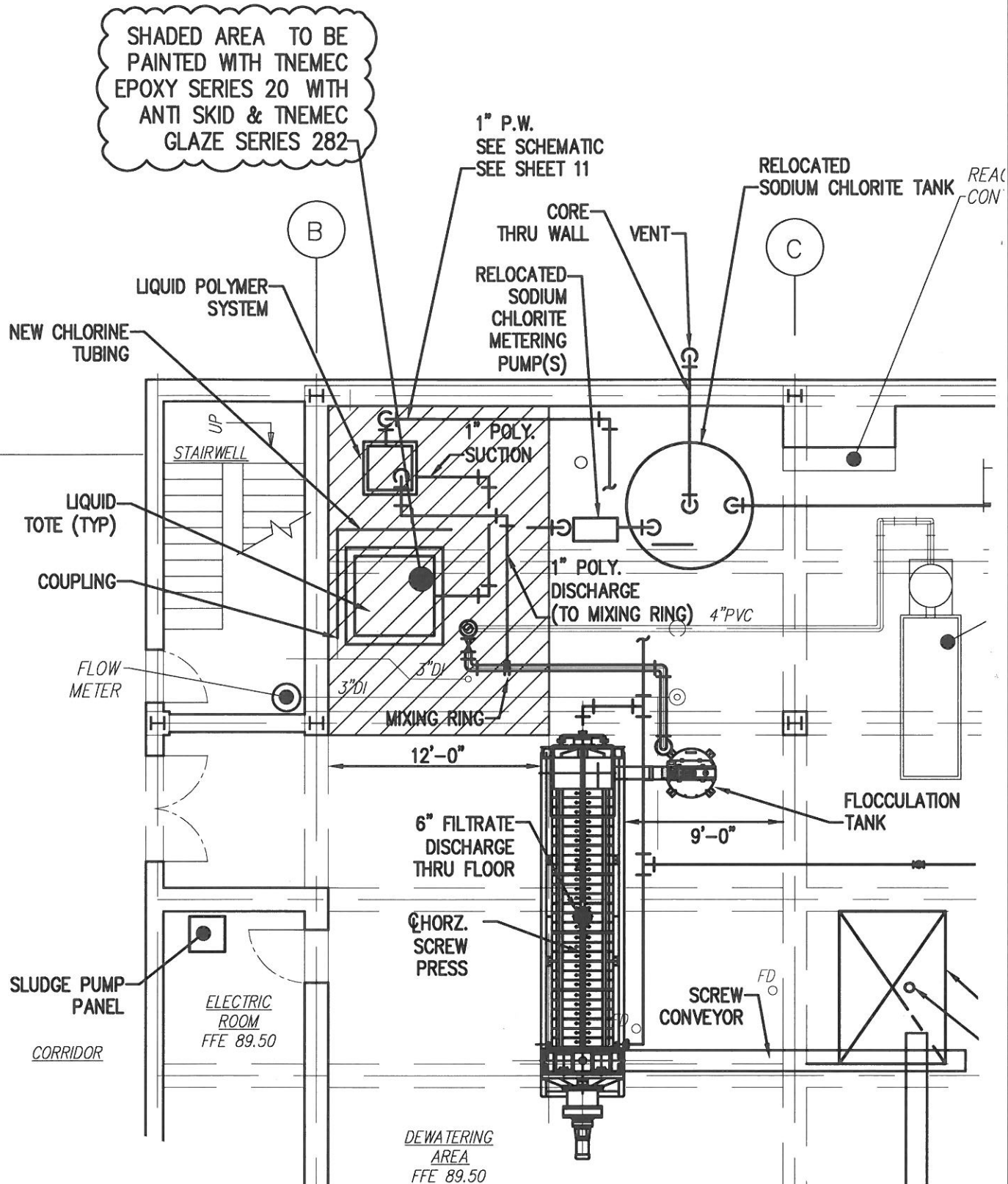
**Response:**

During the bidding process it is not the policy to determine "or equal" equipment. The specifications are written around the salient points that the Owner requires for the particular equipment or process. Notes on the plans focus on that particular equipment. The specifications do not preclude any manufacturer who believes their equipment is equal to what is specified from submitting it through the selected contractor. The manufacturer and General Contractor **MUST** remember that any substitute, if approved, the General Contractor will be the responsibility of the for all changes required (i.e., piping, foundation, electrical and control logic).

**At this time in the bidding process there will be no changes to the specifications.**

**THE FOLLOWING PAGES CONSIST OF:**

1. SKETCHES SK-1, SK-2, SK-3 AND SK-4
2. THE MINUTES OF THE PRE-BID CONFERENCE HELD ON FEBRUARY 12, 2021



# FIRST FLOOR — PROPOSED PLAN

SCALE: 1/8"=1'-0"

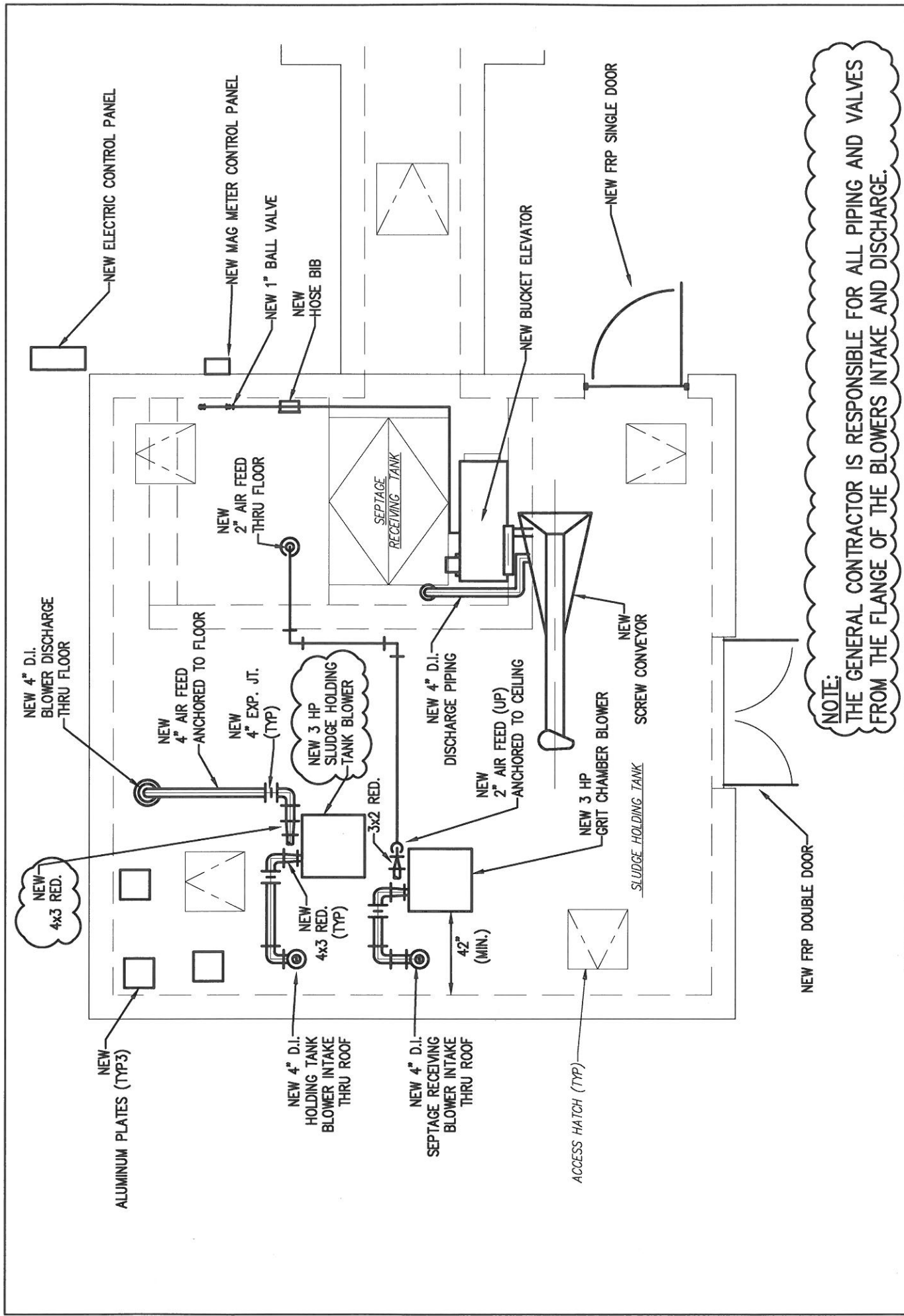


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TOWN OF SOUTH KINGSTOWN, RI  
WASTEWATER TREATMENT FACILITY  
IMPROVEMENTS (2020)  
CONTRACT SK 0032W0

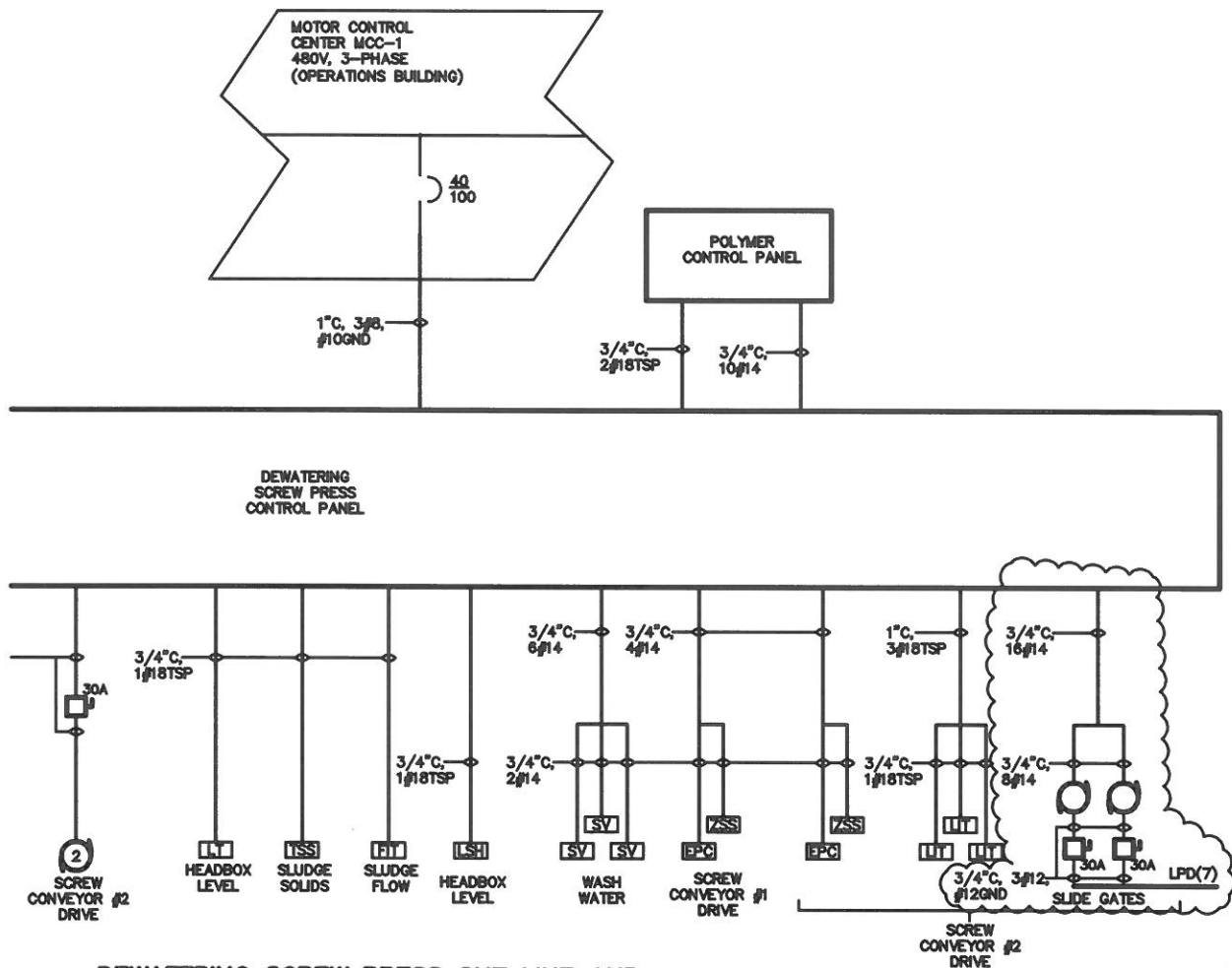
SK-1

REVISIONS TO  
FIRST FLOOR — PROPOSED PLAN  
SHEET 9



**NOTE:**  
 THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL PIPING AND VALVES FROM THE FLANGE OF THE BLOWERS INTAKE AND DISCHARGE.

JAMES J. GEREMIA & ASSOCIATES, INC. CONSULTING ENVIRONMENTAL ENGINEERS & SCIENTISTS 272 W. Exchange Street Suite 201 Providence, RI 02903-1025 Phone: 401-454-7000 Fax: 401-594-7415	TOWN OF SOUTH KINGSTOWN, RI WASTEWATER TREATMENT FACILITY IMPROVEMENTS (2020) CONTRACT SK 0032WO
SK-2	REVISIONS TO PLAN - EL. 89.75
SHEET 7	SHEET 7



**DEWATERING SCREW PRESS ONE LINE AND  
CONTROL WIRING DIAGRAM NEW WORK PLAN**  
NOT TO SCALE

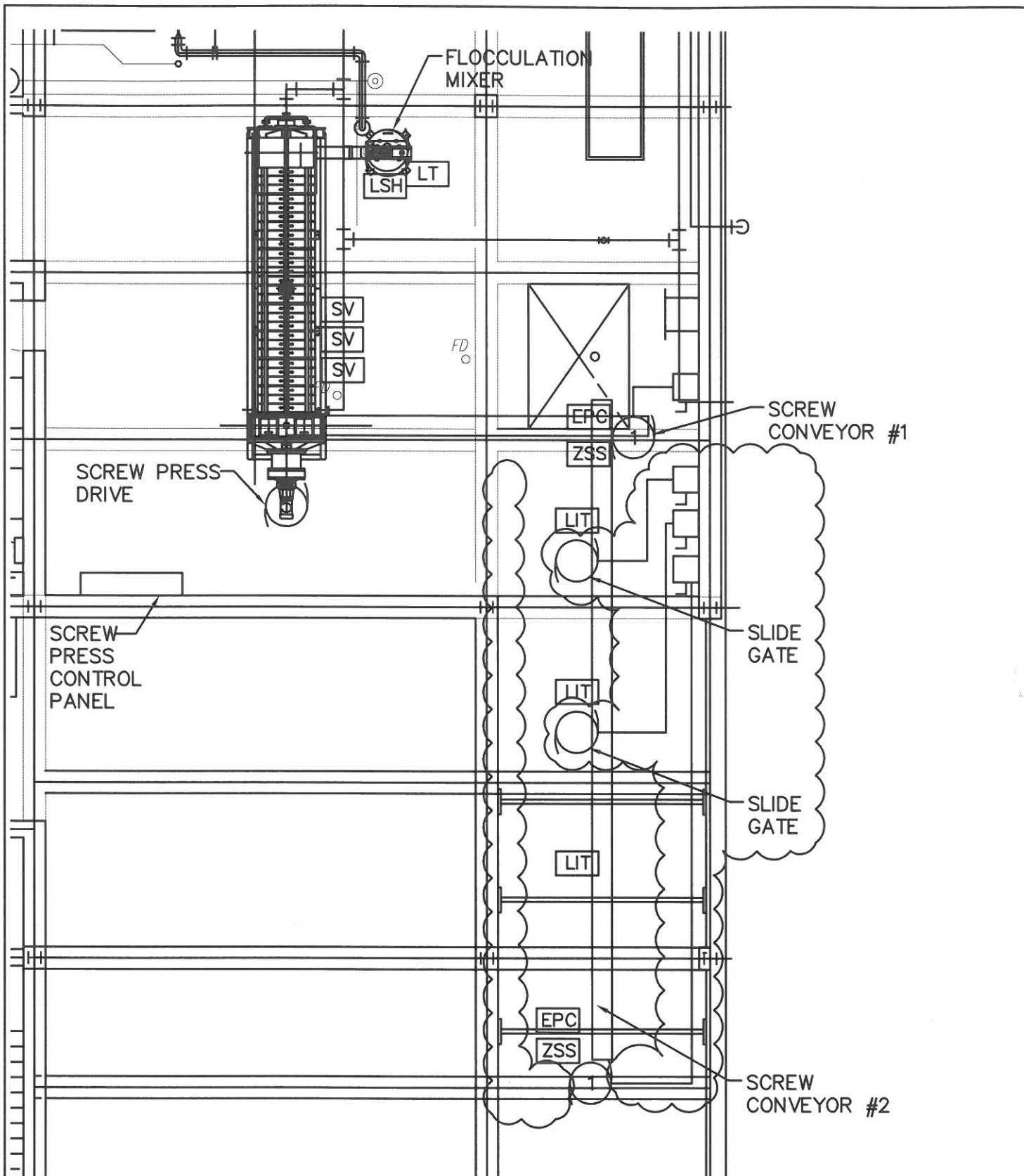


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**TOWN OF SOUTH KINGSTOWN, RI**  
WASTEWATER TREATMENT FACILITY  
IMPROVEMENTS (2020)  
CONTRACT SK 0032W0

**SK-3**

**ELECTRICAL MODIFICATIONS  
REFERENCE DWG: SHEET 16**



# **OPERATIONS BUILDING 1ST FLOOR PLAN – NEW WORK**

SCALE: 1/8"=1'-0"



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**TOWN OF SOUTH KINGSTOWN, RI**  
**WASTEWATER TREATMENT FACILITY**  
**IMPROVEMENTS (2020)**  
**CONTRACT SK 0032W0**

**SK-4**

**ELECTRICAL MODIFICATIONS**  
**REFERENCE DWG: SHEET 21**



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**PRE-BID CONFERENCE**

**WASTEWATER TREATMENT FACILITY IMPROVEMENTS 2020  
BID REFERENCE SK0032WO  
FEBRUARY 12, 2021 @ 10:00 A.M.**

**Attendees:** Kathy Perez (Town of SK)                      Robert Mulligan (Hart)  
Jon R. Schock (Town of SK)                      Andrew Maguire (WSG Mfg.)  
Julie Mason, (Town of SK)                      William Montanaro, Jr. (Wescor)  
Richard Bourbonnais P.E. (SK)                      Shane Harvey (FKC)  
James J. Geremia, P.E. (JGA)                      David Wyman, Jr. (Wyman & Sons)  
James DeLuca (Aqua Solutions)                      John Buscher (J. J. O'Rourke)  
Ryan Murphy (Hart)

**Statement of Bid Requirements:**

Bid date and time	March 5, 2021 @ 10:00 A.M. (local time)
Location:	Finance Department, Town Hall, 180 High St., Wakefield, RI
Submission:	One (1) original and one (1) copy: Bid Form, Supplements to Bid Form, and Bid Bond will be required

**Summary of Proposed Project:**

- A. This project involves:
1. The furnishing and installation of two (2) new final settling tanks, two (2) return activated sludge pumps, new septage treatment equipment, screw press, screw conveyors, liquid polymer system, and related appurtenances; and
  2. The demolition and disposal of the existing final settling tanks, return activated sludge pumps, septage equipment, belt filter press, belt conveyors and polymer system and appurtenances.
- B. The Owner has decided to install a direct replacement for the original equipment by:
1. Lakeside Equipment Corp. for the final settling tanks;
  2. Grundfos/Chicago Pump for the return activated sludge pumps; and
  3. WGS Solutions, Inc. for the septage receiving equipment.
- C. Contractor is to coordinate with the Owner to integrate the new process equipment during the current operation. The existing polymer system must be fully operation until the new polymer system is fully operational.

- D. The contractor construction sequence shall begin with the replacement of the septage receiving station, followed by the screw press system, final settling tanks and return activated sludge pumps.

**Special Requirements:**

- A. For questions related to this bid, contact Julie A. Mason, Procurement Administrator (no later than Noon on February 25, 2021) by email: [jmason@southkingstownri.com](mailto:jmason@southkingstownri.com).
- B. Completion date 550 calendar days from the Notice to Proceed.
- C. Mechanical Contractor licenses in Rhode Island or General Contractor. If general contractor, Mechanical Contractor must be indicated on Bid Form with RI registration number.

**Demolition Sequence:**

- A. The Contractor shall be responsible to ensure that the dewatering operation of the belt filter press (BFP) continues operation during the installation of the screw press, screw conveyor and related equipment.
- B. The Owner recognizes that there will be a period of no more than 45 days when the BFP will be taken out of service while the screw press installation is completed.
- C. Contractor is put on notice that the work to be conducted is associated with active wastewater pumping and treatment systems. Disruption of operation of all facilities shall be kept to a minimum and shall be coordinated through a representative of the Owner.
- D. The Contractor shall obtain all required local and state permits necessary for the work to proceed. A permit must be obtained from the Town of Narragansett for the Treatment Plant work as well as all State permit fees which shall be paid for by the Contractor.
- E. The Contractor shall replace one (1) return activated sludge pump at a time. Once the new pump is operational for ten (10) days (trouble-free), the Contractor may proceed to replacing the second pump.
- F. Contractor shall be responsible for submitting a formal Demolition Sequence and Schedule of Work to the Engineer for approval ten (10) days prior to the commencement of any work.
- G. The sequence and schedule submitted by the Contractor shall present an orderly progression of the work to completion. Acceptance of such will neither impose on Engineer or Owner, responsibility for construction/demolition sequencing, schedule, or progress of work, nor interfere with or relieve Contractor for Contractor's full responsibility thereof.
- H. Schedule of Work shall be coordinated by Contractor to:

1. Minimize interference with existing operations.
  2. Coordinate with Owner's representative for scheduling and performance of all work.
  3. Contractor shall be responsible for scheduling and for integrity of partially completed work during performance of other work on site.
  4. It shall be the Contractor's responsibility for damage or disruption to partially completed work, and for repair thereof, during performance of other project work.
- I. A revised Schedule of Work shall be submitted on a monthly basis with the Application for Payment.
- J. Contractor's work hours shall be from 7:00 A.M. to 3:30 P.M., or as indicated on the plans. The Contractor shall receive approval from the Owner and the Engineer to work beyond 3:30 P.M., or to work on Saturdays, Sundays or holidays, except as indicated on the plans. The Contractor shall conform to each community's Ordinance.

### **Funding/Pay Requests**

- A. Funding/Pay Requests: This project is being funded through Town Funds. The specifications include specific requirements that must be followed. The following are some of the specific requirements:
- 1) Wages: The Contractor must comply with the applicable provisions of the Rhode Island General Laws, Chapter 37-12 and 37-13. The Department of Labor determines the customary and prevailing rate of wages paid to craftsmen, teamsters and laborers in construction of public works by the state and by cities, towns, and by persons contracting therewith for such construction. The latest general wage decision as determined by State Law at the time of this project shall be implemented by the Contractor for this project. The Contractor is responsible for complying with all wage laws found in the specifications. Further information may be obtained from the Rhode Island Department of Labor, 1511 Pontiac Ave., Cranston, RI 02920.
  - 2) Pay Requests: Pay requests must be accompanied by the related certified payrolls.

### **Contractor Experience Questionnaire:**

1. The Bidder must provide a list of a minimum of five (5) projects of this nature that they have completed in the last ten (10) years (provide the name, address and telephone number of a reference from each). List the type of project, location, description, the cost, and year completed.
2. Concerning the references you use: please make sure that they can attest to your performance and that they are currently employed by the company.