

SECTION 00808

CERTIFICATE OF SUBSTANTIAL COMPLETION

DATE OF ISSUANCE July 9, 2019

OWNER St. Charles Parish
CONTRACTOR Sealevel Construction, Inc.
Contract: _____
Project: Magnolia Ridge Pump Station

OWNER's Contract No. P080905-6C ENGINEER's Project No. 10475-110

This Certificate of Substantial Completion applies to all Work under the Contract Documents or to the following specified parts thereof:

All work issued per the Contract Documents with the exception of the remaining work specified in the attached punchlist.

To St. Charles Parish _____
OWNER

And To Sealevel Construction, Inc. _____
CONTRACTOR

The Work to which this Certificate applies has been inspected by authorized representatives of OWNER, CONTRACTOR and ENGINEER, and that Work is hereby declared to be substantially complete in accordance with the Contract Documents on

July 9, 2019
DATE OF SUBSTANTIAL COMPLETION

A tentative list of items to be completed or corrected is attached hereto. This list may not be all-inclusive, and the failure to include an item in it does not alter the responsibility of CONTRACTOR to complete all the Work in accordance with the Contract Documents. The items in the tentative list shall be completed or corrected by CONTRACTOR within 45 days of the above date of Substantial Completion.

The responsibilities between OWNER and CONTRACTOR for security, operation, safety, maintenance, heat, utilities, insurance and warranties and guarantees shall be as follows:

OWNER: None

CONTRACTOR: None

The following documents are attached to and made a part of this Certificate:

See the attached substantial completion punchlist.

[For items to be attached see definition of Substantial Completion as supplemented and other specifically noted conditions precedent to achieving Substantial Completion as required by Contract Documents.]

This certificate does not constitute an acceptance of Work not in accordance with the Contract Documents nor is it a release of CONTRACTOR's obligation to complete the Work in accordance with the Contract Documents. **Submit 6 (six) original documents signed and dated by the Engineer and Contractor to Dept of Public Works, 100 River Oaks Dr., Destrehan, La 70047 for processing.**

Executed by ENGINEER on 07/24/19
Date

Bark-Klempeter, Inc
ENGINEER
By: [Signature]
(Authorized Signature)

CONTRACTOR accepts this Certificate of Substantial Completion on 7/24/19
Date

Sealevel Construction, Inc.
CONTRACTOR
By: [Signature]
(Authorized Signature)

OWNER accepts this Certificate of Substantial Completion on 7/30/19
Date

Parish President
OWNER
By: [Signature]
(Authorized Signature)

RECORDED IN THE ST. CHARLES PARISH
CLERK OF COURT OFFICE
ON 7/31/19
AS ENTRY NO. 442514
IN MORTGAGE/CONVEYANCE BOOK
NO. 1819 FOLIO 129

Item No.	Description of the Work	Estimated Price to Complete
1	Fill in Ruts along existing rock road along the entire roadway. Fill low areas in roadway holding water. Fill areas in roadway without stone. Grade off newly installed rock roadway with box blade.	\$ 3,500.00
2	Remove bypass pump and canal oil boom. Regrade and dress where equipment is used and grass is disturbed.	\$ 2,500.00
3	Provide additional fill in area south of the south wall of the pumping station to move water across the roadway.	\$ 1,000.00
4	Install stone in miscellaneous dirt areas in the roadway on the north and south sides of the station intake.	\$ 500.00
5	Grade and reshape levee crown and slopes along the entire run of the project, prior to seeding.	\$ 5,000.00
6	Pick and remove miscellaneous debris, rocks, timber, etc. from the levee embankment prior to seeding.	\$ 600.00
7	Install levee ramps including Geo fabric and 8" stone surfacing at stations 15+53.69 and 16+95. (approx.)	\$ 4,000.00
8	Remove temporary timber blocking between building girts behind the electrical panels. Remove miscellaneous and excess materials, fasteners, tools, equipment, etc. from the project.	\$ 500.00
9	Tighten anchor bolts for cable bracing on the north end of the station and under panels south end. Grout base plates for cable bracing.	\$ 250.00
10	Fill unused conduit holes under electrical panel locations throughout the station.	\$ 750.00
11	Remove and replace trench grating spanning incorrect direction over the generator fuel piping north of the north entrance door.	\$ 1,500.00
12	Flash and seal around all exhaust penetrations on the west wall of the building.	\$ 250.00
13	Complete installation of the flashing and caulking around the building louvers.	\$ 750.00
14	Install all fencing and gates on the project.	\$ 28,000.00
15	Secure all corner flashing, install retrofit screws in building wall panel screw holes without fasteners, caulk/flash/seal gap between building flashing and concrete wall on the west side of the station at the north end of the truck bay.	\$ 500.00
16	Provide threshold at all exterior man doors.	\$ 1,600.00
17	Provide keys to owner for all doors with locksets.	\$ 800.00
18	Fuel/oil observed to be leaking from the third girt on the west wall between the south most engine and the 2nd south most engine. Fuel vent piping for the south most engine was rotated and may be causing the leak. Contractor to investigate, repair and clean up the leaked liquid.	\$ 1,000.00
19	Contractor to repair curb face and ground conduit penetration north of the north west man door to the discharge platform.	\$ 350.00
20	Water found between the pump and the engine on the inside of the building slab. Contractor to review flashing and penetrations and repair as required to seal building from all weather.	\$ 600.00

Item No.	Description of the Work	Estimated Price to Complete
21	Contractor to remove miscellaneous debris from the fuel tank containment area.	\$ 150.00
22	Seed, fertilize and water the entire site and any area that was disturbed by Construction activities.	\$ 27,000.00
23	Take final cross sections by Licensed Surveyor and shoot settlement plates. Submit to Engineer for review.	\$ 5,000.00
24	Turn in As-Built drawings	\$ 5,000.00
25	Remove construction trailer remaining infrastructure and other miscellaneous equipment/materials associated with the office trailer.	\$ 1,500.00
26	Contractor has used improper fittings as pulling fittings. The proper fitting for this application would have been a type BC Mogul Series fitting. It is apparent as seen in the below photo that it was difficult to use the below fitting as a pulling fitting. Owner to decide if the below installation will be found acceptable. At minimum, BKI recommends an insulation meggar test on the conductors to confirm the integrity of the conductor insulation.	\$ 3,000.00
27	Contractor to submit cut sheet of sealant used around RGS raceway in contact with concrete.	\$ 500.00
28	Contractor to bury exposed service ground conductor 2 feet below grade.	\$ 1,000.00
29	Strut installed to support sewer lift station control cabinet appears to be electro galvanized. Specifications require 316 stainless steel. Owner to confirm the installation is acceptable.	\$ 500.00
30	Verify that all seal-tite raceway and fittings are tight. Several seal-tite raceway appeared to be loose.	\$ 100.00
31	Fuel pump cabinet has a hole at the bottom. Remand the installation of a NEMA 4X stainless steel breather drain be installed.	\$ 300.00
32	Contractor to coordinate installation of lightning protection conductor in RGS raceway with Bonded Lightning Protection Systems, LTD. LPI standards require the lightning protection metal raceway to be bonded to the lightning protection conductor. In addition, lightning protection conductor installations should have a minimum 8" bend radius.	\$ 500.00
33	Large raceway from stainless junction box to fuel cabinet is pending the installation of a support within 36" of raceway termination. In addition, the LB fitting used in this installation a die-cast aluminum type which was not approved for use. Owner to review the installation for approval.	\$ 500.00
34	Owner is in the process of completion all station control wiring installations.	N/A
35	The disconnect switch has been installed in a location that is not readily accessible. Section 430.107 of the NEC requires the disconnect switch to be readily accessible. Relocate disconnect so that it is accessible from grade without the use of a ladder.	\$ 1,000.00

Item No.	Description of the Work	Estimated Price to Complete
36	Contractor to coordinate installation of lightning protection conductor in aluminum raceway with Bonded Lightning Protection Systems, LTD. LPI standards require the lightning protection metal raceway to be bonded to the lightning protection conductor at both ends of raceway. Approved lightning protection shop drawings indicated the use of PVC raceway in lieu of aluminum.	\$ 2,000.00
37	The directory card for panelboard MSB needs to be updated to indicate SPACE versus SPARE breakers installed.	\$ 100.00
38	Contractor to seal all un-used floor penetrations/sleeves.	\$ 100.00
39	Replace broken weatherproof device cover plate with stainless steel, galvanized, or nylon cover plate.	\$ 100.00
40	The exterior GFCI receptacle device backboxes do not meet specifications. This die-cast aluminum backbox was not approved.	\$ 500.00
41	Contractor to replace backbox with Cooper Crouse-Hinds type FDLA2 or approved equal by Appleton.	\$ 1,000.00
42	Type F6 luminaires were furnished and installed without an integral photocell. Contractor will furnish and installed a photocell controller on the North East corner of the building above the roofline.	\$ 5,000.00
43	Contractor to provide arc flash hazard analysis report for engineer review and appropriate arc flash warning labels on electrical equipment.	\$ 500.00
44	Contractor to install corrosion inhibitor compound on all copper to aluminum lug terminations.	\$ 300.00
45	Furnish copy of Cummins generator commissioning and testing report.	\$ 1,000.00
46	Install manual fuel pump on day tank.	\$ 3,600.00
47	Add fill ports to coolant lines.	\$ 5,000.00
48	Replace charged carbon steel piping with aluminum.	\$ 800.00
49	Remove existing fuel cooler and pipe return line directly to day tank.	\$ 500.00
50	Test and Commission sewer unit.	\$ 800.00
51	Repair hydraulic leaks.	\$ 800.00
52	Repair leak in radiator #2.	\$ 500.00
53	Confirm with AKG that radiator low level switch is correct location, correct if not.	\$ 2,000.00
54	Seal around day tank vent penetration and exhaust vent penetrations	\$ 800.00
55	Verify RPM of radiators. Adjust as needed to match cutsheet submitted by AKG	\$ 500.00
56	Adjust diesel fuel labels to clarify piping going to supply engines vs. supply the day tank	\$ 48,000.00
57	Modify pump and discharge pipe to allow pump to be removed	\$ 500.00
58	Repair limestone on western side of fuel tank platform.	\$ 200.00
59	Extend downspout on south side of roll up door at truck bay.	\$ 500.00
	Hangers at missing on deck drain line pump bay #4.	\$ 500.00

Item No.	Description of the Work	Estimated Price to Complete
60	Touch up paint all 4 gear boxes.	\$ 1,000.00
61	Clean all wall panels removing dirt and pencil marks.	\$ 500.00
62	Touch up paint on roof panels.	\$ 1,000.00
63	Replace grating on fuel piping trench south of generator.	\$ 200.00
64	Bracket missing on ½" coolant vent piping on pump #3, install lock nuts.	\$ 500.00
65	Replace exterior light over truck bay roll-up door.	\$ 1,000.00
66	Correct the piping to the Murphy switch at each radiator.	\$ 500.00
67	Remove the ¾" flow sensors to each diesel engine and replace with SCP supplied flow sensor.	\$ 500.00
68	Repair holes in screens at all intake louvers.	\$ 700.00
69	Repair oil leak under diesel engine #1.	\$ 5,000.00
70	Connect grounding for roof panels on south side of metal building.	\$ 1,000.00
71	Replace battery charger.	\$ 1,000.00
72	Install underground enclosure for future project.	\$ 500.00
	Total	\$ 188,500.00