

Rainey Brook Lift Station (LS 2) Upgrade

**Lafayette Renew
2021.00352**

PROJECT MANUAL CONTENTS

SECTION NO.	DESCRIPTION
C-111.....	Advertisement for Bids
C-200.....	Instructions to Bidders
C-410.....	Bid Form for Construction Contract
C-411.....	Procurement Form Supplements
Bid Form 96	Bid Form 96
C-413.....	E-Verify Affidavit
C-414.....	Business with Iran Affidavit
C-430.....	Bid Bond (Penal Sum Form)
C-510.....	Notice of Award
C-520.....	Agreement Between Owner and Contractor for Construction Contract (Stipulated Price)
C-550.....	Notice to Proceed
C-610.....	Performance Bond
C-615.....	Payment Bond
C-625.....	Certificate of Substantial Completion
C-626.....	Notice of Acceptability of Work
C-700.....	General Conditions
C-800.....	Supplementary Conditions
C-940.....	Work Change Directive
C-941.....	Change Order
C-942.....	Field Order
C-943.....	Request for Proposal

TECHNICAL SPECIFICATIONS

DIVISION 1 – GENERAL REQUIREMENTS

01 10 00.....	Summary
01 20 00.....	Price and Payment Procedures
01 25 00.....	Substitution Procedures
01 30 00.....	Administrative Requirements
01 32 16.....	Construction Progress Schedule
01 33 00.....	Submittal Procedures

01 38 00.....	Preconstruction Audio-Video Documentation
01 40 00.....	Quality Requirements
01 50 00.....	Temporary Facilities and Controls
01 51 00.....	Bypass Pumping
01 57 00.....	Maintenance of Traffic
01 57 13.....	Erosion and Sedimentation Control
01 60 00.....	Product Requirements
01 70 00.....	Execution and Closeout Requirements
01 91 00.....	Commissioning

DIVISION 2 – SITEWORK

02 41 16.....	Structure Demolition
---------------	----------------------

DIVISION 3 – CONCRETE

03 30 00.....	Cast-In-Place Concrete
---------------	------------------------

DIVISION 9 – FINISHES

09 96 00.....	High-Performance Coatings
---------------	---------------------------

DIVISION 25 – INTEGRATION AUTOMATION

25 13 00.....	Instrumentation and Controls
25 30 00	Field Mounted Instruments
25 30 10.....	Instrument Panel Construction

DIVISION 26 – ELECTRICAL

26 05 00.....	Common Work Results for Electrical
26 05 19.....	Low-Voltage Electrical Power Conductors and Cables
26 05 23.....	Instrumentation Cables
26 05 26.....	Grounding and Bonding for Electrical Systems
26 05 29.....	Supporting Devices
26 05 33.....	Raceways, Conduit, and Boxes for Electrical Systems
26 05 53.....	Identification for Electrical Systems
26 22 00.....	Low-Voltage Transformers
26 24 16.....	Panelboards
26 27 16.....	Electrical Cabinets and Enclosures
26 27 26.....	Wiring Devices
26 28 17.....	Enclosed Switches and Circuit Breakers
26 28 26.....	Disconnect Switches
26 29 13.....	Across the Line Motor Starters and Controllers
26 32 13.....	Engine Generator System (Natural Gas)

26 36 00.....Automatic Transfer Switches

DIVISION 31 – EARTHWORK

31 05 13.....Soils for Earthwork

31 05 16.....Aggregates for Earthwork

31 10 00.....Site Clearing

31 22 13.....Rough Grading

31 23 16.....Excavation

31 23 16.13.....Trenching

31 23 19.....Dewatering

31 23 23.....Fill

DIVISION 32 – EXTERIOR IMPROVEMENTS

32 11 23.....Aggregate Base Courses

32 13 13.....Concrete Paving

32 31 13.....Chain Link Fences and Gates

32 91 19.....Landscape Grading

32 92 19.....Seeding

DIVISION 33 – UTILITIES

33 01 30.13.....Sewer and Manhole Testing

33 05 05.31.....Hydrostatic Testing

33 05 13.....Manholes and Structures

33 05 23.13.....Utility Horizontal Directional Drilling

33 05 97.....Identification and Signage for Utilities

33 31 00.....Sanitary Sewerage Piping

33 32 19.....Public Utility Wastewater Pumping Stations

33 34 00.....Sanitary Utility Sewerage Force Mains

DIVISION 40 – PROCESS INTERCONNECTIONS

40 05 51.....Common Requirements for Process Valves

40 05 62.....Plug Valves

40 05 65.23.....Swing Check Valves

40 05 78.29.....Combination Air Valves for Wastewater Service

Appendix A: Geotechnical Investigation Reports dated September 22, 2021 and July 6, 2022

Construction Drawings