



ADDENDUM 1 to ITB WS 34-19

April 12, 2019

BEASLEY PARK SEWER IMPROVEMENTS PROJECT

****The Bid date and submission time have NOT changed****

Q/A

Question 1: The bid form in this packet has a mistake. The #13 was skipped. The bid form should end with items 12,13, 14,15 not items 12, 14, 15, 16.

Response 1: Please see attached revised Bid Form J 3-4

Question 2: Sheet G-1, note 34 states to install fiber pull boxes in accordance with the latest Florida DOT standards. However, no boxes are shown. Could this standard be provided as part of the bid packet or at least a number to look up on the internet?

Response 2: Please disregard Notes 34 & 35. Fiber Box will be provided by Others if necessary.

Question 3: The bid form shows a \$5,000.00 allowance for the power service. What is the extent of work to be provided by the contractor? If any. Will the power company expect the contractor to run a conduit or will the power company handle it all for the allowance and contractor will only provide a conduit stubbed down?

Response 3: Refer to Bid Item 15, Contractor shall be responsible for the installation and coordination of a new power service from the Gulf Power service pole to the new station control panel. This shall include establishing a new temporary account, service meter assembly, disconnect, wiring, and conduit. Meter will need to be located as required by Gulf Power.

Question 4: None of the details mentioned or shows an electrical service power meter. Is there some sort of special consideration on this one where no meter is required or should it be added?

Response 4: Refer to response for Question 3.

Question 5: There are two different details of the electrical equipment layout. (see page E-1) Which is correct? One shows and air break box 12" H X 24" W X 12" D and the other shows the air break to be 30" tall X the width and depth of the control cabinet. Also one shows 3 legs, and the other shows 2 legs supporting the backboard. Please clarify which is the correct and preferred detail.

Response 5: See attached revised Drawing E 1.0

Question 6: Will the conduits coming from the wet well to the air break box require sealoffs or will duct seal be considered adequate? (Detail does not show anything.)

Response 6: Duct Seal will be adequate. The sealant should allow for easy removal for future removal of pump power cords.

Bid Documents and Specifications

Replace: Page 2 of Section 11310 with the attached revised page 2.

Replace: Page 6 of Bid Form J with the attached revised page 6.

ARTICLE 1 – BASIS OF BID

Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
1	Mobilization/Demobilization	1	LS		
2	Existing Pump Station Demolition	1	LS		
3	Submersible Pump including Guide Rails, Base Elbow, Coating, Mounting, and Spare Parts	2	EA		
4	Submersible Pump (Spare)	1	EA		
5	FRP Wet Well	1	LS		
6	Site Concrete	4	CY		
7	Sitework	1	LS		
8	Restoration of Disturbed Areas	1	LS		
9	Valve Vault, Piping and Fittings	1	LS		
10	New 6" Gravity Sewer Service w/ cleanouts	230	LF		
11	New 2" DR 11 HDPE Sewer Force Main	300	LF		
12	New 2" DR 17 HDPE Fiber Conduit	350	LF		
13	New Control Panel, Disconnect and Electrical Wiring	1	LS		
14	Dewatering	1	LS		
15	New 208v 3ph Power Service Allowance	1	LS	\$5,000	\$5,000
Lump Sum Bid Price				\$	_____
Owner Contingency Allowance				\$10,000	
Total Base Bid				\$	_____
(Both Figures and words)					

Dollars _____ Cents

(Both figures and words)

Lump Sum Items

Item 1 – Mobilization and Demobilization shall include all cost associated with the mobilization and demobilization of equipment and assets required at the construction site to perform the project as shown on the plans and meeting the requirements of the specifications.

Item 2 – Existing Pump Station Demolition may include but is not limited to excavation, demolition, liquid and solids removal/disposal, backfill and disposal as shown on the drawings.

Item 3 – Submersible Pumps shall include the supply and installation of new grinder pump, guiderail, discharge piping, floats, and start up services as shown on the drawings and meeting the requirements of the specifications. The price shall include the installation, labor, equipment, and materials as required to complete the complete construction.

Item 4 – One additional Submersible Pump meeting the requirements of the specifications. The price shall include the supply and deliver cost. This will be a spare pump to be used for future installation.

Item 5 - Wet Well shall include the fiberglass wet well, concrete anchor, access hatches with safety grate, wet well lid, and interior cable brackets as shown on the drawings and meeting the requirements of the specifications. The price shall include the installation, labor, equipment, and materials as required to complete the complete construction.

Item 6 – Sitework includes site grading, earthwork, clearing, erosion control, and dune protection as shown on the drawings and meeting the requirements of the specifications. The price shall include the installation, labor, equipment, and materials as required to complete the construction.

Item 8 – Restoration of Disturbed Areas shall include all driveways, roadways, curbs, grassing, and restoration of right-of-way required for repair of areas disturbed due to installation of the sewer system as shown on the plans and meeting the requirements of the specifications. The price shall include all labor, equipment, and materials as required to complete the construction of these items.

Item 9 – Concrete/FRP valve vault, access hatch, 316 SS Piping and Fittings shall include all piping, fittings, restrains, hardware, and pump-out as shown on the drawings and meeting the requirements of the specifications. The price shall include the installation, labor, equipment, and materials as required to complete the construction.

Item 10 – New 6" Gravity Sewer shall include the pipe, fitting and associated appurtenances necessary to complete the tie-in connections. The price shall include the installation, labor, equipment, and materials as required construction.

Item 11 – New 2" Force Main shall include the pipe, fitting and associated appurtenances necessary to complete the tie-in connections. The price shall include the installation, labor, equipment, and materials as required construction.

Item 12 – New 2" Fiber Conduit shall include the pipe, fitting and associated appurtenances necessary to complete the tie-in connections. The price shall include the installation, labor, equipment, and materials as required construction. Contact Heath Buck with Okaloosa County Water and Sewer.

Item 13 – Electrical System shall include all equipment, wiring, conduit, lighting, and hardware required on the drawings and meeting the requirements of the specifications. The price shall include the installation, labor, equipment, and materials as required to complete the construction.

Item 14 – Dewatering shall include dewatering of the area as required for the lift station installation. The price shall include the installation, labor, equipment, and materials as required for this process.

Item 15 - Power Service Allowance is for the installation and coordination of a complete power service from the Gulf Power Service pole. The scope should include all establishing a new temporary service account including meter box and disconnect. The contact for Gulf Power is Tom Richardson.

shall be reimbursed for any and all associated redesign and/or construction drawings in accordance with the terms of the Engineer's Agreement with the Owner. The bidder shall also include any and all costs associated with additional construction costs (mechanical, structural, electrical, architectural, engineering, construction observation, etc.) as the result of a substitute item. The bid shall also include any paid up licenses necessary for the use of the equipment as required.

EQUIPMENT/SUPPLIER SCHEDULE				
SPEC SECTION	DESCRIPTION	EQUIPMENT MANUFACTURERS/SUPPLIERS		AMOUNT OF DEDUCTION FOR SUBSTITUTION
		Base Bid	Substitute	
11310	Submersible Grinder Pumps	Barns, Grundfos, Wilo		\$
11145	FRP Structures	L.F. Manufacturing, Edwards Fiberglass and Xerxes.		\$

ARTICLE 8 – DEFINED TERMS

8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

BIDDER: *[Indicate correct name of bidding entity]*

By: _____
[Signature]

[Printed name]
 (If Bidder is a corporation, a limited liability company, a partnership, or a joint venture, attach evidence of authority to sign.)

Attest: _____
[Signature]

[Printed name]

Title: _____

Submittal Date: _____

Address for giving notices:

SUBMERSIBLE GRINDER PUMPS

8. Voltage rating of motors.
9. Equipment drive guards.
10. Nameplates.
11. Capacitors for motors.

1.3 REFERENCE STANDARDS

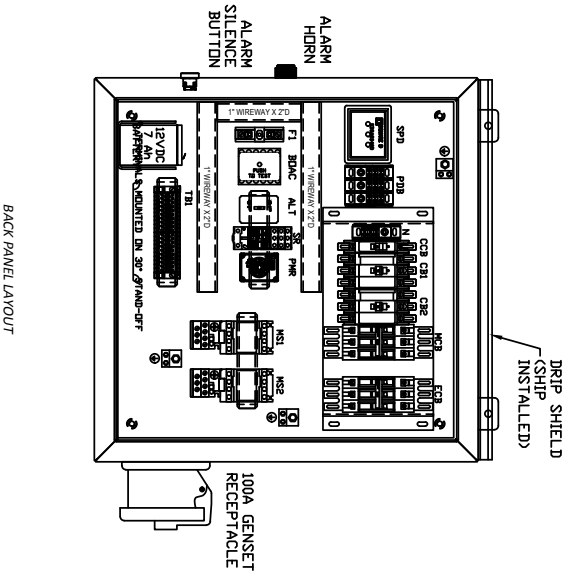
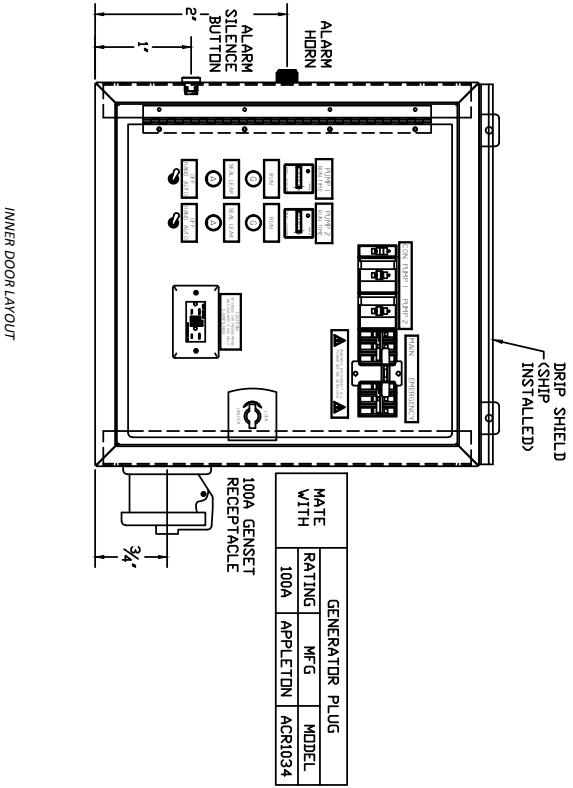
A. The chemical and physical properties of all materials and the design, performance characteristics, and methods of construction of all items of equipment shall be in accordance with the requirements of the latest issue of the various applicable Standard Specifications. These Standard Specifications have been prepared by authorities who are recognized by the Mechanical Trades. The names of these authorities are listed below together with the abbreviation of their names as they may appear in these Specifications:

1. American National Standards Institute (ANSI)
2. American Water Works Association (AWWA)
3. American Society for Testing and Materials (ASTM)
4. National Fire Protection Association (NFPA)
5. National Association of Fan Manufacturers (NAFM)
6. American Society of Mechanical Engineers (ASME)
7. American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE)

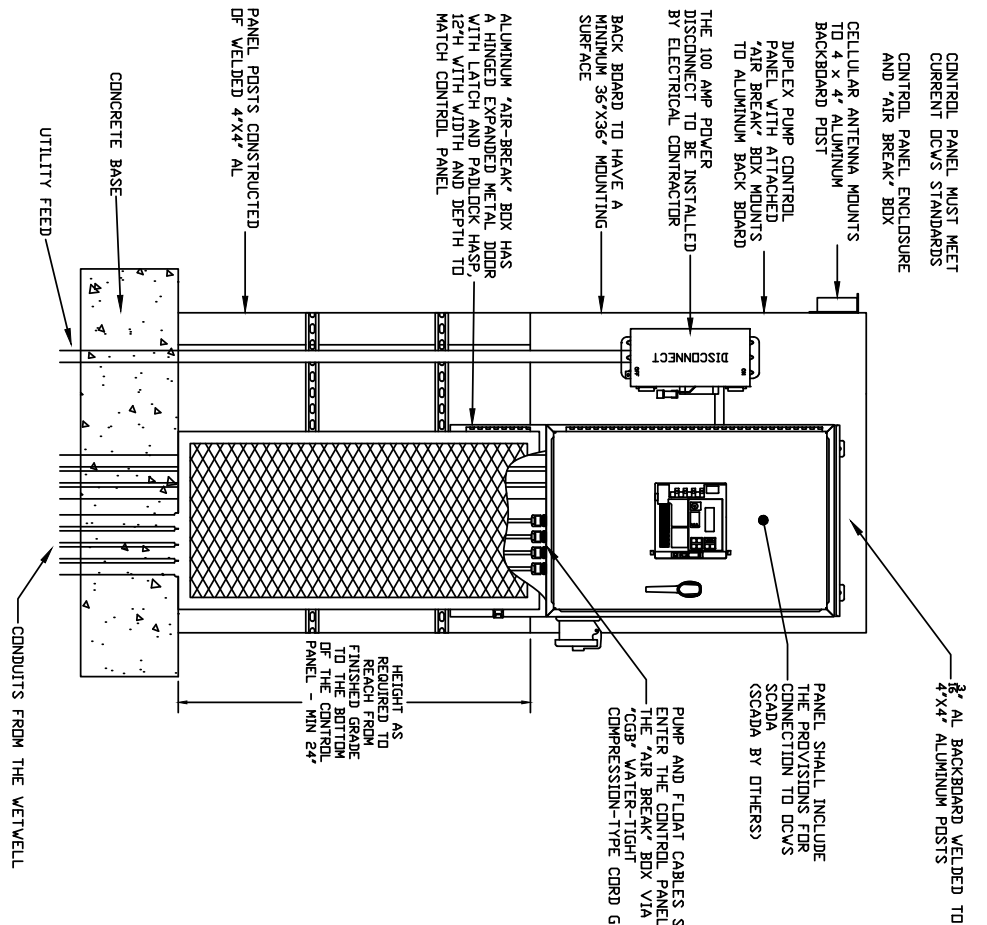
1.4 QUALITY ASSURANCE

- A. Referenced manufacturers are Barnes, Grundfos, WILO
- B. Standards, codes, rules, and regulations as established and listed herein, as amended, latest edition, govern the work.
- C. Factory Pump Tests
 1. The CONTRACTOR shall furnish sworn certificates to the effect that the pump casings have passed the hydrostatic pressure tests.
 2. Pump tests shall be conducted on the submersible pump. During each test, the pump shall be run at all specified head conditions for a sufficient time to permit accurate determination of discharge, head, and power

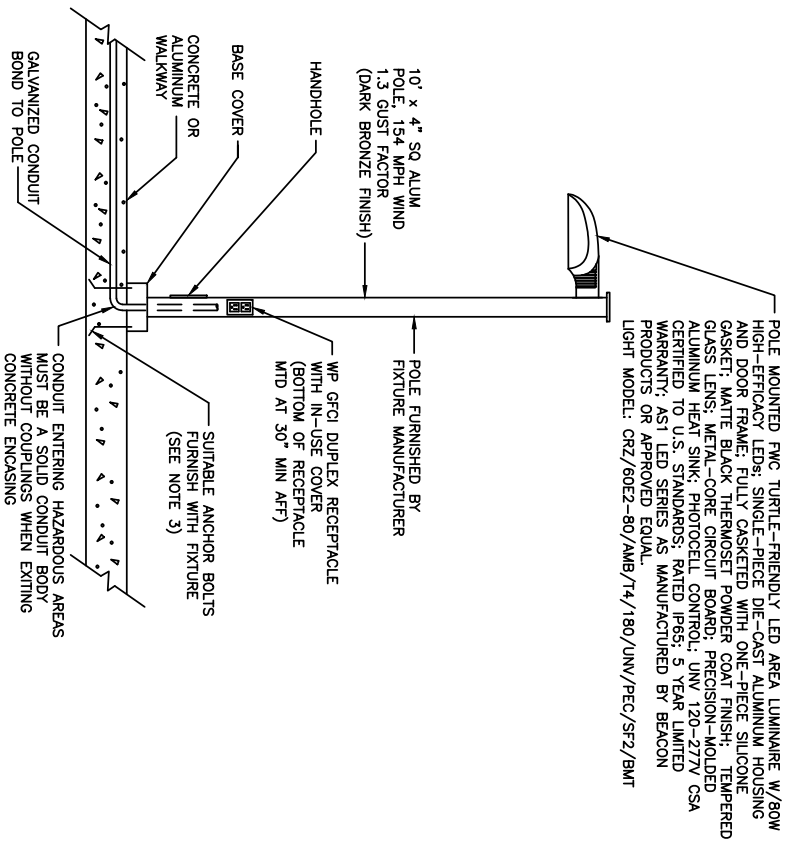
ENCLOSURE, SPUNAL-242412 (24" x 24" x 12") NEMA 4X RATED, 5052 ALUMINUM, OUTER DOOR HAS 3-POINT PAD-LOCKABLE HANDLE. BACKPANEL, SPP-2424 (24" x 24") FABRICATED FROM 12ga. CARBON STEEL WITH WHITE POWDER COAT FINISH. INNER DOOR, PC 250-CL24 FABRICATED FROM 250 PLEXIGLASS WITH CONTINUOUS HINGE AND TWIST LATCH. VENTILATED AIR-BREAK BOX: HEIGHT AS REQUIRED, WIDTH AND DEPTH TO MATCH THE CONTROL PANEL ENCLOSURE. FABRICATED FROM ALUMINUM, HINGED ACCESS DOOR IS STAINLESS STEEL EXPANDED METAL WITH PAD-LOCKABLE SUITCASE LATCH.



ELECTRICAL EQUIPMENT RACK
 NOT TO SCALE



POLE MOUNTED FIXTURE
 DETAIL



POLE MOUNTED FWC TURTLE-FRIENDLY LED AREA LUMINAIRE W/80W HIGH-EFFICACY LEDS; SINGLE-PIECE DIE-CAST ALUMINUM HOUSING AND DOOR FRAME; FULLY CASKITED WITH ONE-PIECE SILICONE GASKET; MATTE BLACK THERMOSET POWDER COAT FINISH; TEMPERED GLASS LENS; METAL-CORE CIRCUIT BOARD; PRECISION-MOLDED ALUMINUM HEAT SINK; PHOTOCELL CONTROL; UNV 120-277V CSA CERTIFIED TO U.S. STANDARDS; RATED P85; 5 YEAR LIMITED WARRANTY; ASI LED SERIES AS MANUFACTURED BY BEACON PRODUCTS OR APPROVED EQUAL.
 LIGHT MODEL: CRZ/60E2-80/AMB/T4/180/UNV/PEC/SFZ/BMT

- NOTES:
1. PROVIDE EXPLOSION-PROOF SEAL OFF FITTINGS AT ALL AREAS REQUIRED BY THE NEC FOR THE NOTED CLASSIFIED AREA FITTINGS SHALL BE CAST ALUMINUM.
 2. PROVIDE SEAL OFF FITTING AT CONDUIT TO POLE LIGHT.
 3. WHERE POLES ARE MOUNTED TO STRUCTURES, POLE MANUFACTURER SHALL PROVIDE DESIGN FOR ANCHOR TO MEET THE SPECIFIED WIND RATINGS.

1988 LEWIS TURNER BLVD.
 FORT WALTON BEACH, FL 32547
 PH. 850-244-5800
 FL. CERTIFICATE OF AUTHORIZATION # 9816



CONTROL PANEL

BEASLEY PARK SANITARY SEWER IMPROVEMENTS PROJECT

NO.	DATE	REVISION	BY	APVD			
DESIGNED BY:	JGC	DRAWN BY:	MSC	CHECKED BY:	JPK	APPROVED BY:	JGC

ENGINEER SEAL

FILE SEE LEFT
 VERTICAL SCALE
 DATE FEBRUARY 2019
 PROJ. 100502.01
 DWG. E-1