



Nearshore Electric, Inc.

State Certified Electrical Contractor

#EC13001186

Owner: City Of Key West
Project: Install Owner Provided VFD
Project Address: Fleming Key WWTP

Job #191034
Confidential

Scope of Work

January 15, 2020

To all concerned,
We are pleased to offer you our proposal for the electrical work required at the Fleming Key WWTP in Key West Florida. All work performed by Nearshore Electric, Inc. shall conform to current codes, regulations, and project specifications. All work performed by Nearshore Electric, Inc. shall be warranted for a period of one year. The following breakdown describes the items and services that Nearshore Electric, Inc. shall provide as well as any exclusion from our scope of work.

INCLUDED IN BID:

Owner Furnished VFD

- ◆ Remove existing 1336 Plus Allen Bradley VFD
- ◆ Re-route existing controls to distribution side of existing VFD
- ◆ Install new owner provided Allen Bradley Power Flex 755 VFD
- ◆ Remove existing isolation transformer and conduits
- ◆ Extend house-keeping slab
- ◆ Install new owner provided transformer and disconnect
- ◆ Install new conduit/wire from transformer to VFD
- ◆ Program parameters and assist in VFD commissioning
- ◆ Workers Comp/General Liability Insurance
- ◆ Taxes
- ◆ Warranty

New FP3-1 PLC Cabinet

- ◆ Install house-keeping slab for new PLC cabinet
- ◆ Install new PLC cabinet next to existing PLC cabinet
- ◆ Install conduit/wire from new PLC to existing VFD
- ◆ Install conduit/wire from new PLC to new VFD
- ◆ Install conduit/wire from new PLC to existing FP12-1 control cabinet
- ◆ Install conduit/wire from new PLC to existing panel LE for power
- ◆ Install conduit/wire from new PLC to existing FP2-1 for communication and network
- ◆ Install wire in existing conduit and duct bank to FP13-1 and FP13-2 to new PLC

EXCLUDED FROM BID:

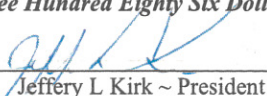
- ◆ Permit fees
- ◆ FP3-1 control panel
- ◆ VFD equipment (supplied by owner)
- ◆ Any Scope of work not clearly shown on drawings or within the bid documents and/or specifications is not included in this proposal.

Bid Summary

Labor Man Hours.....	617hrs	91.25
Labor Cost	\$56,301.00	4.56 570
Material Cost	\$30,385.00	95.81
Submittals Review	\$1,700.00	

We propose to furnish material and labor, complete in accordance with the above specifications, for the lump sum of: **Eighty Eight Thousand three Hundred Eighty Six Dollars and No Cents \$88,386.00**

Authorized Signature _____


Jeffery L Kirk ~ President

Date 1/15/2020



C. C. CONTROL CORP.

5760 CORPORATE WAY SUITE 100
WEST PALM BEACH, FLORIDA 33407

PHONE: 561-293-3975
FAX: 561-293-3976

CUSTOMER: DOUGLAS N. HIGGINS, INC.

ATTN: PAUL WATERS

PROJECT: EFF PUMP FP-3-1 CONTROL & VFD REPLACEMENT
CITY OF KEY WEST

DATE: 1/8/2020

DESCRIPTION

QUAN

C. C. CONTROL CORP. PROPOSES TO FURNISH THE FOLLOWING SECTIONS COMPLETE WITH EXCEPTIONS AS LISTED:

SECTION 40 90 01 - INSTRUMENTATION AND CONTROL FOR PROCESS SYSTEMS

EXCEPTIONS:

- A) QUOTE DOES NOT INCLUDE CONDUIT SYSTEM.
- B) QUOTE DOES NOT INCLUDE WIRE/CABLE.
- C) QUOTE DOES NOT INCLUDE INSTALLATION
- D) QUOTE DOES NOT INCLUDE FIELD TERMINATIONS.
- E) QUOTE DOES NOT INCLUDE ANY PANEL MTG. RACKS
- F) QUOTE DOES NOT INCLUDE ANY ELEC. OR PNEUMATIC OP. VALVES.
- G) QUOTE DOES NOT INCLUDE SOLENOIDS.
- H) QUOTE DOES NOT INCLUDE ANY PIPE TAPS OR PIPE SADDLES.
- I) QUOTE DOES NOT INCLUDE ANY PANEL OR J-BOX MOUNTING HARDWARE
- J) QUOTE DOES NOT INCLUDE JUNCTION OR TERMINATION BOXES
- K) QUOTE DOES NOT INCLUDE VFD INSTALLATION, TESTING OR START-UP

ITEM NO. 1

EFFLUENT PUMP PLC CONTROL PANEL FP-3-1

SCHAEFER'S SPN12D-726024 NEMA 12 STEEL FREESTANDING DOUBLE DOOR ENCLOSURE 1

WITH THE FOLLOWING:

- A) SIZE: 72"H X 60"W X 24"D
- B) REMOVABLE LIFTING EYES
- C) 3PT. KEYLOCKING HANDLE
- D) INTERNAL LIGHT BRACKET
- E) SUBPANEL: SP-72P60F1 1
- F) STUDS FOR DOOR SWITCH
- G) PRINT POCKET
- H) INTERNAL FOLDING SHELF

HOFFMAN AHCI10E CORROSION INHIBITOR 2

SQD 9007 AP221 DOOR SWITCH 1

EDCO HSP-121A 15A 120VAC LINE SURGE ARRESTER 1

PROGRESS ENERGY P7008-30 36" FLUORESCENT FIXTURE 1

HUBBELL CS120-I SINGLE 20A TOGGLE SWITCH 1

HUBBELL SS1 S.S.SINGLE TOGGLE SW. PLATE 1

HUBBELL GF15ILA GFI DUPLEX 15A RECEPT. 1

HUBBELL SS26 S.S. DUPLEX GFI PLATE 1

SQD QOU130 120V 30A 1P CIRCUIT BREAKERS 2

SQD QOU115 120V 15A 1P CIRCUIT BREAKERS 4

HUBBELL HBL2610 L5-30R 30A RECEPTACLE 2

ALLEN BRADLEY 1783-SFP100FX 100BASE SFP FIBER MODULE	2
ALLEN-BRADLEY 1606-XLP15E 24VDC POWER SUPPLY	1
ALLEN-BRADLEY 1606-XLS240-UPS 240W UPS	1
ALLEN-BRADLEY 1606-XLSBATASSY1 7.5AH BATTERY ASSEMBLY WITH MOUNTING BKRT	1
WIRE, DUCT & NAMEPLATES	LOT

ITEM NO. 3

CATEGORY 6 ETHERNET COPPER CABLE AND CONNECTORS

CAT6 SHIELDED RISER RATED BULK CABLE	500
BLACK BOX EZ-RJ45 MODULAR PLUGS	1

ITEM NO. 4

SPARE PARTS

FALCON BA04315 UPS REPLACEMENT BATTERY, (8) REQUIRED PER UPS	32
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ITEM NO.5

PROJECT SERVICES

ENGINEERING	LOT
SUBMITTALS	LOT
EFFLUENT PUMP PLC CONTROL PANEL PROGRAMMING	LOT
MODIFICATIONS TO EXISTING FACTORYTALK SE HMI	LOT
MODIFICATIONS TO EXISTING HISTORIAN	LOT
CONFIGURATION OF NEW NETWORK SWITCH IN TBJ-1	LOT
PREPARATION AND ATTENDANCE OF HMI AND PLC DESIGN MEETINGS	LOT
START-UP	LOT
TRAINING	LOT
O & M MANUALS	LOT
WARRANTY, 1-YEAR	LOT

SELL:

\$109,000.00 + TAX

IF APPLICABLE

FOB: JOB SITE
TERMS: NET 30 DAYS
 (SUBJECT TO CREDIT APPROVAL)

6540.00 6% TAX
 75.00 Monroe Co TAX
115,615.00

WARRANTY: ALL WARRANTIES SHALL EXPIRE ONE (1) YEAR FROM DATE OF START-UP FROM SELLER TO BUYER UNLESS SPECIALLY INDICATED OTHERWISE AND WILL BE NULL AND VOID UNLESS MATERIALS ARE STORED UNDER PROPER CONDITIONS DETERMINED BY C.C. CONTROL CORP.

J.P. MAHIEU

17,342.25 @ 15% Markup

132,957.25