

TALICHET LIFT STATION SITE IMPROVEMENTS

ADD 160 LF
PERIMETER
FENCE w/ GATE

REMOVE SOD
ADD GRAVEL
1,500 SF

ADD SCADA SYSTEM
w/ SITE ANTENNA

ADD BACKUP
PUMP & PIPING

TRACT K
PB 73 PG 78-81
40' x 50'



ESTIMATE / Talichet LS Retrofit Budget Analysis

Lift station work to a privately owned lift station to assist in bringing the station to Town of Howey Standards referencing plan sheet by Griffey Engineering:

RCM TO SUPPLY AND INSTALL:

New Pump Control Panel to include:

- * NEMA 3R 304SS enclosure with inner door, back panel, 3P latch
- * Main breaker, 230VAC, 3 phase, Square D
- * Emergency breaker, 230VAC, 3 phase, Square D
- * Generator receptacle with angle adapter
- * Surge arrestor, 230V
- * Incoming power phase monitor with fuses
- * (2) Circuit breaker for 10HP, 230V, 3 phase pump motors
- * (2) FVNR motor starter, Size 1, for 10HP 230V, 3 phase pump motors
- * (2) Pump protection modules
- * Surge arrestor, 120VAC
- * 120 VAC Control circuit breakers
- * (2) 3 Position selector switches, Hand-Off-Auto
- * (2) Pilot lights, Pump Run
- * (2) Pilot lights, Pump Seal Fail
- * (1) Pushbutton, Alarm Silence
- * (2) Run Time meters
- * (2) Mount and wire Flygt MiniCAS relay (PBO)
- * (2) Pushbutton, Pump Reset
- * Alternator
- * Pushbutton, Float Reset
- * Pilot light, In Float Backup
- * PLC, Allen Bradley Micrologix 1400
- * Analog input module, Allen Bradley
- * 24VDC Power supply float back-up
- * GFI Receptacle
- * DC Power supply
- * Battery back-up
- * Vent drain
- * Alarm horn
- * Alarm light
- * Field components
 - Vega Ultrasonic Level Transmitter
 - (4) Floats
 - Float hanger
- * Misc. panel components, nameplates, wire duct, terminals
- * Integration into SCADA system

Mechanical and Electrical Work to include:

- * Demolition of existing panel
- * Adjust and support rack where needed
- * Grounding as required

- * Installation of new control panel and integration with Town SCADA system
- * Required permitting
- * Startup services

Sitework to include:

- * 6'h Black chain link fence w/ (1) 14'w Double Gate (160 LF)
- * 6" Stone over weed barrier ground cover within fence area

SPECIFICALLY EXCLUDED:

- * Any improvements to existing wet well, pumps, piping, and hardware
- * Temporary bypass pumping
- * Water services, wash down stations and BFP assemblies
- * Driveways and concrete slabs
- * Permanent backup pump system and piping (by others)
- * Generator, odor control system, or future provisions for the same
- * Utility and communication lines to site
- * Surveying and/or Certified as-built drawings
- * Any required permitting not listed as included to be obtained by others

NOTES:

- * Site corners to be staked prior to RCM mobilization
- * Job shall be progressively billed thru substantial completion prior to startup with a 10% balance to be paid after a successful startup, NET 30 terms.
- * RCM to be present at startup with boom truck and electrician for final C/O and turnover to customer/end user
- * RCM warrants all supplied materials and workmanship to be free of defects for a period of one year after installation.

TOTAL ESTIMATED PRICE: \$110,000.00

Process Control Services LLC

1205 Pinewood Lane
Ocoee FL, 34761
407.252.5033

SCOPE OF SUPPLY

Date: 8/20/23

Project: Lift stations 1 and 2 bypass pumps

Customer: JJ Southall

In accordance with the attached Terms and Conditions, Process Control Services LLC is pleased to offer the following materials/services for the above referenced project. While our complete offering is detailed in this submission, purchase orders directly to manufacturers may be required when ordering.

PRICE, DELIVERY AND TERMS OF OFFERING

Prices submitted are for equipment/services specifically listed within this Scope of Supply which constitute our complete offering; Sections may be referenced for identification and clarification only and **does not imply the Section is offered in its entirety.**

Provide and install 2 new bypass pumps for lift stations 1 and 2 as listed below.

Lift station 2

- Install (1) Godwin Permanent standby diesel bypass pump with concrete base slab, 4" HDPE suction and 4" DI / PVC discharge piping. First Diesel fill up (1) day startup and training XYLEM / GODWIN 347 GPM @ 93' TDH Dri-Prime CD140M Critically Silenced • Sound Attenuated Enclosure • 4" 150# Flange Suction & Discharge • John Deer 4045H280-T3 Diesel Engine • Includes PrimeGuard and Auto Throttle • Skid-mounted, Emergency Standby • BaseOptions • UL Double Wall Tank • Engine/Motor Options • Electrical - 1750 Watt AC/DC Inverter • Battery Charger - 12 Volt Trickle • DoubleGang(2)GFCIDuplexReceptacles Suction piping to be high density polyethylene, cored into the wet well with stainless steel supports. Discharge piping to be ductile iron above grade, PVC below grade, wet tapped into the onsite force main. - Site restoration to include backfilling and compacting only.

*** One year warranty.

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LS-2 PRICE: \$159,215.00 PLUS TAX if applicable. FOB factory with freight allowed to jobsite, shipped via standard commercial carrier.

Materials \$133,715.00

Labor and equipment \$25,500.00

102 hours at \$250.00 per hour labor and equipment

DELIVERY: 16-18 weeks after complete and acceptable approval is received.

Lift station 1

- Install (1) Godwin Permanent standby diesel bypass pump with concrete base slab, 4" HDPE suction and 4" DI / PVC discharge piping. First Diesel fill up (1) day startup and training XYLEM / GODWIN 294 GPM @ 87' TDH Dri-Prime CD140M Critically Silenced • Sound Attenuated Enclosure • 4" 150# Flange Suction & Discharge • John Deer 4045H280-T3 Diesel Engine • Includes PrimeGuard and Auto Throttle • Skid-mounted, Emergency Standby • BaseOptions • UL Double Wall Tank • Engine/Motor Options • Electrical - 1750 Watt AC/DC Inverter • Battery Charger - 12 Volt Trickle • DoubleGang(2)GFCIDuplexReceptacles Suction piping to be high density polyethylene, cored into the wet well with stainless steel supports. Discharge piping to be ductile iron above grade, PVC below grade, wet tapped into the onsite force main. - Site restoration to include backfilling and compacting only.

*** One year warranty.

LS-1 PRICE: \$141,455.00 TAX if applicable. FOB factory with freight allowed to jobsite, shipped via standard commercial carrier.

Materials \$117,705.00

Labor and equipment \$23,750.00

95 hours at \$250.00 per hour for labor and equipment

DELIVERY: 16-18 weeks after complete and acceptable approval is received.

Prices are good for 30 Days from date of proposal.

This proposal in turnkey to the city with first diesel fill up at both sites and one day of startup, demonstration, and training.

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SUBMITTAL FOR APPROVAL: 2-4 weeks after acceptable purchase Agreement is received.

TERMS OF PAYMENT

Based on initial and continuing credit approval by Process Control Services LLC., the following payment terms apply:

- 75% due when material ships
- Net 30 on remainder 25%
- NO HOLDBACK (RETAINAGE) provision is offered or allowed.

Thank you for the opportunity to offer this Scope of Supply, questions and/or comments regarding this offering should be directed to the salesperson whose name is affixed to the Scope of Supply.

Wade Mathis

407-252-5033

Wademathis@gmail.com