

AN ORDINANCE ACCEPTING THE PROPOSAL OF BID AWARD TO JCI INDUSTRIES, INC. FOR THE PUMPS AND CONTROL PANELS FOR THE BRANSON LANDING SEWER PROJECT FOR THE CITY OF BRANSON, AUTHORIZING THE PREPARATION OF A CONTRACT IN ACCORDANCE WITH THE TERMS OF THE PROPOSAL, AND AUTHORIZING THE MAYOR TO EXECUTE THE AGREEMENT.

WHEREAS, the City of Branson requires specific pumps and electrical control panels as manufactured by JCI Industries, Inc. for the Branson Landing Sewer Project; and

WHEREAS, the proposal which was received from JCI Industries, Inc. has been recommended for approval by staff; and

WHEREAS, the Board of Aldermen desire to award the contract to provide pumps and electrical control panels for the Branson Landing Sewer Project to JCI Industries, Inc.

NOW, THEREFORE, BE IT ORDAINED BY THE BOARD OF ALDERMEN OF THE CITY OF BRANSON, MISSOURI, AS FOLLOWS:

Section 1: The Board of Aldermen hereby accepts the proposal of JCI Industries, Inc. to provide the pumps and electrical control panels for the Branson Landing Sewer Project pursuant to Exhibit "A", as attached hereto and incorporated herein by reference, and authorizes the City Administrative staff to prepare a contract in accordance with the terms of the proposal, and authorizes the Mayor to sign the contract on behalf of the City of Branson.

Section 2: This ordinance shall be in full force and effect upon and after its passage and approval.

Read, this first time on this ____ day of _____, 2004.

Read, this second time, passed and truly agreed to by the Board of Aldermen of City of Branson, Missouri this ____ day of _____, 2004.

Louis E. Schaefer
Mayor

ATTEST:

APPROVED AS TO FORM:

Sandra L. Williams, C.M.C.
City Clerk

DRW

Dan Wichmer
City Attorney



1161 SE Hamblen Road
Lee's Summit, MO 64081
Tel#: 816-525-3320
800-366-7867
Fax#: 816-525-5881

To: **Roland Hauck, PE** Date: **July 18, 2004**
From: **Anthony Philipscheck & Paul Koehler** Subject: **City of Branson, Missouri**
Duplex Pump Station
Flygt Scope of Supply -
Submersible Pumps & Controls

We are pleased to quote the following scope of supply for the subject project along with firm pricing.

Pumps & Accessories

Qty	Description
2	ITT Flygt Model NP3153 LT with 413 Impeller, FM Rated Explosion Proof, 18 HP, 8" Discharge, 77% Pump Efficiency, 1760 RPM, 460 Volt, 60 Hertz, 3 Phase, FLS Flow Leakage Sensor, 70' Power/Control 6/3-2-1-GC 31mm
2	8"x8" Discharge Elbow
2	MiniCAS 120
2	Socket for MiniCAS
1	Grip Eye
2	Upper Guiderail Bracket, 2", 304 SST
2	Intermediate Guiderail Bracket, 2", 304 SST
4	Guiderail, 2" 304 SST, 32 ft Minimum Sections, (Wetwell 32' Deep)
1	Cable Holder, Heavy Duty, 316 SST
2	(2) 37' of 1/4" 316 SST Lifting Chain (WLL = 2,000 LBS)
2	1/2" Master Link OMS050 (WLL = 2,150 LBS)
2	5/16" SST Shackles w/ Captive Pin CPS031 (WLL = 2,250 LBS)
2	30"x36" Aluminum Access Hatch, Hold Open Arm, Recessed Lift Handle, Exposed Padlock Clip, Stainless Steel Hardware, 300 PSF Pedestrian Rated
2	Kellem Grips 1.00"-1.24" for 1.22" Power/Control Cable
1	Multitrode Probe 2.5/10-30m (Required for Backup High & Low Level Alarms)
2	MTR3 Level Control Relay, 110VAC (Backup High & Low Level Alarms)
1	Barrier Intrinsically Safe, MTSIB 5, 5 Channel
1	Startup 2-Days
1	Standard Pump Warranty
1	FOB JOBSITE
1	Submittals/O&Ms

Controls

Qty	Description
1	Duplex Pump Control System, 460 VAC / 3 Phase / 60 Hz / 20 Hp. To Include The Following Components And Features:

Variable Frequency Drive Panel

1	NEMA 4X 304 Stainless Steel Enclosure Aprox. 72x48x20 To Include : a) Full Length Gasketed, Hinged External Door. b) Aluminum Inner Swing Out Door. c) 3 Point Latching System With Lock
1	Control Power Transformer With Primary And Secondary Circuit Breaker Protection.
1	Three Phase Distribution Block.
2	Motor Branch Circuit Breakers.
2	Square D Variable Frequency Drives.
2	Line Reactors.
1	Closed Loop Cooling System.



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- 1 AC Circuit Breaker 230 VAC / 15 Amps (230 Volt Power By Customer)
 - 2 Control Panel Heaters
 - 2 Control Panel Heater Circuit Breakers.
 - 1 Thermostat
 - 2 VFD Programming Modules.
 - 1 Main Circuit Breaker
 - Control Relays As Required
 - Panel Labels As Required
 - Drawings And Documentation As Required.
 - 4 Hours Class Room / 4 Hours Job Site Drive Training.
 - Indicating Pilot Lights As Required.
 - Push Buttons And Selector Switches As Required.

PLC Panel

- 1 NEMA 4X 304 Stainless Steel Enclosure Approx. 48x36x12 To Include:
 - a) Full Length Gasketed, Hinged External Door.
 - b) Aluminum Inner Swing Out Door.
 - c) 3 Point Latching System With Lock
- 2 Incoming Power Distribution Block.
- 1 Incoming Power Circuit Breaker
- 1 Receptacle Branch Circuit Breakers.
- 1 UPS Branch Circuit Breakers.
- 5 Supplementary Distribution Circuit Breakers For The Following Circuits :
 - a) PLC Power Supply
 - b) Level Transmitter Power Supply
 - c) Flow Transmitter Power Supply
 - d) Future Scada Power Supply
 - e) Spare
- 2 50 CFM Cooling Fans
- 1 Panel Heater
- 1 Thermostat
- 1 Control Panel Heater Circuit Breakers.
- 1 PLC Platform To Include:
 - a) 1 Allen Bradley Micro Logix 1500 1764-LRP Processor
 - b) 1 Allen Bradley Micro Logix 1500 1764-24BWA Base
 - c) 1 Allen Bradley Micro Logix 1500 1764-MM2RTC Memory Module / Real Time Clock
 - d) 1 Allen Bradley Micro Logix 1500 1769-IA16 16 Point / 120 Volt Inputs
 - e) 2 Allen Bradley Micro Logix 1500 1769-IF4 Analog Input
 - f) 1 Allen Bradley Micro Logix 1500 1769-OF2 Analog Output
 - g) 1 Allen Bradley Micro Logix 1500 1769-NET-ENI Ethernet Adapter
 - h) 1 Allen Bradley Micro Logix 1500 1764-CBL02 RS232 - Ethernet Interface Cable.
- 1 Level Transmitter To Include:
 - a) 1 Siemens/Milltronics Hydroranger 200 Level And Pump Controller.
 - b) 1 Echomax Transducer
 - c) 1 Hand Programmer.
- 1 Copy RS-Logix 500 Programming Software (RS-Linx Lite) Included.
- 1 Door Activated Panel Light.
- 1 NEMA 4X Closed Loop Cooling System.
- Indicating Pilot Lights As Required (Mounted On Inner Door)
- Control Relays As Required
- Panel Labels As Required
- Drawings And Documentation As Required.
- 8 Hours Job Site Start Up.



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Programming Complete Per Owners Sequence Of Operation.
Programming And Interfacing Level Controller.
1 UPS System With 25 Min. Backup.

Price (Pumps, Accessories & Controls) = \$101,080

Proposal:

We propose the following timeframe for the subject project:

- 1) Customer releases Purchase Order to JCI. (JCI must be informed the same day the PO is released)
- 2) JCI will supply the initial Pump, Accessory and Control submittals to Burns & McDonnell per this Quotation Six (6) Weeks or less after release of PO.
- 3) JCI will provide re-submittals if required to Burns & McDonnell Two (2) Weeks or less after receipt of initial submittal review from Engineer.
- 4) Upon receipt of Approved Submittals or Written Release by Engineer JCI will Order and Deliver Equipment to Jobsite in Twelve (12) Weeks or less.
- 5) JCI will provide equipment startup on the pumps and controls along with training per the Engineers specifications. Field Services will be conducted Two (2) weeks after notification by General Contractor.

Note: Timeframes shall be based on verified receipt of PO & Approved Submittals.

Adders

Mini Power Zone as Follows:

Square D Class 7400 Power Zone 7.5 kVA Including:

- a) 1 40 Amp Main Circuit Breaker.
- b) 2 20 Amp / 2 Pole Circuit Breakers Installed.
- c) 6 10 Amp / 1 Pole Circuit Breakers Installed.

Price = \$2,315

Automatic Transfer Switch as Follows:

ASCO Model 300

Price = \$3,365

NOTES:

Quotation Prices held for 90 days.

We are Not Including the following items: Welding of Guiderail, Installation, Anchor Bolts, Piping, Valves, Gauges, Flow Meters, Stilling Wells nor Taxes.

Please call with questions at (816) 525-3320.

Thanks!

Anthony Philipscheck

Anthony Phillipscheck, PE
JCI Industries, Inc.