

**CITY OF MARATHON, FLORIDA  
RESOLUTION 2024-17**

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MARATHON, FLORIDA, AUTHORIZING A “SOLE SOURCE” PURCHASE PURSUANT TO THE CITY’S PURCHASING POLICIES AND PROCEDURES AND APPROVING THE PURCHASE OF UPGRADED PLC HARDWARE, SOFTWARE AND REQUIRED INSTALLATION SERVICES FOR AREA 3, 4, 6, & 7 TREATMENT PLANTS FROM INTEGRATED CONTROLS INC., IN AN AMOUNT NOT TO EXCEED \$326,444.00; AUTHORIZING THE CITY MANAGER TO ENTER INTO AGREEMENTS IN CONNECTION THEREWITH, APPROPRIATING AND EXPENDING BUDGETED FUNDS; AND PROVIDING FOR AN EFFECTIVE DATE**

**WHEREAS**, pursuant to Ordinance 2015-04, the City adopted purchasing policies and procedures (the “Purchasing Policies and Procedures”) after determining that it was fiscally prudent and in the City’s best interest to adopt policies and procedures for City employees and officials regarding the acquisition and purchase of contractual services, equipment, goods, and other similar types of services; and

**WHEREAS**, the Purchasing Policies and Procedures allow the City Council to enter into contracts for materials, supplies, equipment, public improvements or services without competitive bidding by utilizing existing contract terms and prices entered into by other local, state or federal governmental authorities that followed a competitive bidding procedure leading to the award of the contract in question; and

**WHEREAS**, the City desires to take advantage of the Sole Source purchasing procedure, to purchase upgraded PLC hardware, software, and required installation services from Integrated Controls, Inc. (the original PLC supplier and PLC supporter since the plants were built) which may be submitted for reimbursement from the ACOE Grant.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MARATHON, FLORIDA, THAT:**

**Section 1.** The above recitals are true and correct and incorporated herein.

**Section 2.** The City Council hereby authorizes the City Manager to enter into an agreement and expend budgeted funds on behalf of the City for the purchase of upgraded PLC hardware, software, and required installation services from Integrated Controls, Inc. in an amount not to exceed \$326,444.00 as described in the attached quotations.

**Section 3.** This resolution shall take effect immediately upon its adoption.

**PASSED AND APPROVED BY THE CITY COUNCIL OF THE CITY OF MARATHON, FLORIDA, THIS 13<sup>th</sup> DAY OF FEBRUARY, 2024.**

**THE CITY OF MARATHON, FLORIDA**

  
\_\_\_\_\_  
**Mayor Robyn Still**

AYES: Gonzalez, Matlock, Smith, Landry, Still  
NOES: None  
ABSENT: None  
ABSTAIN: None

**ATTEST:**

  
\_\_\_\_\_

Diane Clavier, City Clerk

(City Seal)

**APPROVED AS TO FORM AND LEGAL SUFFICIENCY FOR THE USE AND RELIANCE OF THE CITY OF MARATHON, FLORIDA ONLY:**

  
\_\_\_\_\_

Steve Williams, City Attorney

**Proposal #02165-37-00**

February 1, 2024

Casey Whippo  
City of Marathon, FL  
Via email: [whippoc@ci.marathon.fl.us](mailto:whippoc@ci.marathon.fl.us)



Re: Marathon, FL WWTP Service Area 3 (SA3) - SBR Control System PLC Migration

Casey:

This proposal is based on phone calls and emails through November 28, 2023 and the request for quotation. Our proposal is as follows:

**Marathon, FL WWTP SA3 - SBR Control System PLC Migration:**

The Moxa SBR Controller (SBRC) and Q-term HMI hardware installed with your SBR control panel are now obsolete. We are recommending that the PLC system, SBRC, and Q-Term hardware be replaced with our new SBR controller that is embedded in an Allen-Bradley CompactLogix PLC application (SBRLogix). The SBRLogix software/hardware conversion will eliminate the need for the co-processor hardware currently installed with your system. This conversion includes the following hardware replacements.

- Replace the existing 10A single pole circuit breaker with a new 10A single pole circuit breaker.
- Replace the existing single pole surge suppressor with a new single pole surge suppressor.
- Replace the existing Koyo D4-450 PLC system and I/O hardware with new Allen-Bradley CompactLogix PLC and I/O hardware to match existing I/O.
- Replace the existing Moxa SBRC with our new SBR controller application embedded into the PLC code (SBRLogix).
- Replace the existing Q-Term HMI with a new PanelView Plus 7 standard 10" color touchscreen HMI.
- The event printer will no longer be used with the installation of SBRLogix. Step changes are recorded in the PLC memory and the program will store the most recent 500 SBR step changes along with the timestamp, calculated flow rate, tank level and time in previous step to a string array named "Printout", and this array will be viewable from the OIT.
- Revised electrical schematics for the SBR control panel will be provided reflecting the newly installed hardware.
- Configure the existing AVEVA Intouch and WIN-911 applications on both the primary and back-up PC workstations for communication with the new CompactLogix PLC system tag data and SBRLogix setpoints.
- Installation of Rockwell Automation Studio 5000 Lite Edition PLC programming software onto the SCADA PC workstations.
- Coordination with the Re-Pump Control System for integrating PLC tag data between the Re-Pump Control System and the SBR Control System.
- Coordination with the Chemical Feed System for integrating PLC tag data between the Chemical Feed Control System and the SBR Control System.

15707 South Mahaffie Street  
Olathe, Kansas 66062  
(913)782-9600

**On-Site Services:**

- One (1) trip for two (2) ICI control system technicians to the project site for installation of the new PLC/OIT hardware and SCADA system configurations. The trip includes five (5) days inclusive of travel time, travel expenses and three (3) days on-site. All days are Monday through Friday, holidays excluded.

**By others:**

- This is anticipated to be a cooperative effort for the upgrade. Marathon, FL WWTP operators will use an alternate means (manual operation) to keep the SBR system operational while the control panel hardware is changed over.
- Costs associated with goods or services supplied by any ancillary equipment/control system provider for coordination with the SBR Control System.
- All field mounted instrumentation and wiring, including communication cables.
- Any power monitoring equipment, motor starters, disconnects, auxiliary contacts, junction boxes, breaker panel boards, etc...
- Job site storage, installation, tubing, ball valves, mounting/anchor bolts, mounting stands, all field wiring and communication cables, ground rods, termination of field wiring, etc...

**Delivery:**

Typical delivery lead-time of the new hardware/software is eight (8) weeks from receipt of a purchase order; however, due to current supply chain issues our actual lead-time is contingent on the availability of materials at the time of ordering. The hardware installation will be coordinated with Marathon, FL WWTP operators for an optimal installation time and date.

**Terms:**

- Taxes of any kind including sales tax and export duties are not included in this proposal.
- Warranty is 12 months from shipment, warranty includes hardware provided by the proposal, and all other existing hardware is not covered under the warranty.
- This proposal is subject to acceptance by you within thirty (30) days of this date.
- Payment terms - 25% down, 75% upon completion, net 30 days
- Shipping and/or freight costs will be prepaid and add, FOB our dock.

**Price:**

Marathon, FL WWTP SA3 SBR Control System PLC Migration..... \$ 51,398.00

If you have any questions or require additional information, please contact me.

Respectfully,



David Cunningham  
[dcunningham@icicontrols.com](mailto:dcunningham@icicontrols.com)

**Proposal #02165-41-00**

February 1, 2024

Casey Whippo  
City of Marathon, FL  
Via email: [whippoc@ci.marathon.fl.us](mailto:whippoc@ci.marathon.fl.us)

Re: Marathon, FL WWTP Service Area 3 (SA3)  
SCADA HMI Software Migration



Casey:

This proposal is based on phone calls and emails through December 13, 2023, and the request for quotation. Our proposal is as follows:

**Marathon, FL WWTP SA3 – SCADA HMI Software Migration:**

Integrated Controls, INC (ICI) still supports the AVEVA InTouch HMI software and associated Kepware drivers currently installed with your SCADA HMI PC workstations; however, ICI is installing the current version of Rockwell Automation FactoryTalk View SE with our new SCADA HMI system offerings. ICI has found that the current version of FactoryTalk View SE to be robust, stable, and competitive compared to AVEVA InTouch HMI, and FactoryTalk View SE is designed by the same manufacturer as the PLC and OIT hardware we are recommending for the SBR Control Panel. This software conversion includes the following software changes.

- Replace the existing AVEVA Intouch applications and Kepware drivers on both the primary and back-up PC workstations with FactoryTalk View SE Server 25 display perpetual licenses with redundancy failover.
- Each of the two (2) PC Workstations will include the following licenses:
  - FactoryTalk View SE Server 25 display
  - FactoryTalk View SE Redundant Server 25 display
  - FactoryTalk View SE Client
- All licenses will include one year of Rockwell Automation support that will be quoted yearly for support subscription renewal. The software support period begins on the day of software purchase and not the day of installation.
- The existing WIN-911 alarm notification software will be configured for interfacing with the FactoryTalk View SE software.

**On-Site Services:**

- One (1) trip to the project site for installation and testing of the new SCADA HMI software. The trip includes four (4) days inclusive of travel time, travel expenses and two (2) days on-site. All days are Monday through Friday, holidays excluded.

**By others:**

- This is anticipated to be a cooperative effort for the upgrade. If necessary, Marathon, FL WWTP operators will use an alternate means (manual operation) to keep the SBR system operational while the SCADA HMI software is changed over.
- Costs associated with goods or services supplied by any ancillary equipment/control system provider for coordination with the SBR Control System.
- All field mounted instrumentation and wiring, including communication cables.
- Any power monitoring equipment, motor starters, disconnects, auxiliary contacts, junction boxes, breaker panel boards, etc...
- Job site storage, installation, tubing, ball valves, mounting/anchor bolts, mounting stands, all field wiring and communication cables, ground rods, termination of field wiring, etc...

**15707 South Mahaffie Street  
Olathe, Kansas 66062  
(913)782-9600**

**Delivery:**

The lead-time for configuration of the new SCADA HMI software will be within eight (8) weeks from receipt of a purchase order. The SCADA HMI software installation will be coordinated with Marathon, FL WWTP operators for an optimal installation time and date.

**Terms:**

- Taxes of any kind including sales tax and export duties are not included in this proposal.
- Warranty is 12 months from shipment, warranty includes any hardware provided by the proposal, and all other existing hardware is not covered under the warranty.
- This proposal is subject to acceptance by you within thirty (30) days of this date.
- Payment terms – 100%, net 30 days
- Shipping and/or freight costs will be prepaid and add, FOB our dock.

**Price:**

Marathon, FL WWTP SA3 - SCADA HMI Software Migration ..... \$ 32,595.00

If you have any questions or require additional information, please contact me.

Respectfully,



David Cunningham  
[dcunningham@icicontrols.com](mailto:dcunningham@icicontrols.com)

**Proposal #02165-38-00**

February 1, 2024

Casey Whippo  
City of Marathon, FL  
Via email: [whippoc@ci.marathon.fl.us](mailto:whippoc@ci.marathon.fl.us)



Re: Marathon, FL WWTP Service Area 4 (SA4) - SBR Control System PLC Migration

Casey:

This proposal is based on phone calls and emails through November 28, 2023 and the request for quotation. Our proposal is as follows:

**Marathon, FL WWTP SA4 - SBR Control System PLC Migration:**

The Moxa SBR Controller (SBRC) and Q-term HMI hardware installed with your SBR control panel are now obsolete. We are recommending that the PLC system, SBRC, and Q-Term hardware be replaced with our new SBR controller that is embedded in an Allen-Bradley CompactLogix PLC application (SBRLogix). The SBRLogix software/hardware conversion will eliminate the need for the co-processor hardware currently installed with your system. This conversion includes the following hardware replacements.

- Replace the existing 10A single pole circuit breaker with a new 10A single pole circuit breaker.
- Replace the existing single pole surge suppressor with a new single pole surge suppressor.
- Replace the existing Koyo D4-450 PLC system and I/O hardware with new Allen-Bradley CompactLogix PLC and I/O hardware to match existing I/O.
- Replace the existing Moxa SBRC with our new SBR controller application embedded into the PLC code (SBRLogix).
- Replace the existing Q-Term HMI with a new PanelView Plus 7 standard 10" color touchscreen HMI.
- The event printer will no longer be used with the installation of SBRLogix. Step changes are recorded in the PLC memory and the program will store the most recent 500 SBR step changes along with the timestamp, calculated flow rate, tank level and time in previous step to a string array named "Printout", and this array will be viewable from the OIT.
- Revised electrical schematics for the SBR control panel will be provided reflecting the newly installed hardware.
- Configure the existing AVEVA Intouch and WIN-911 applications on both the primary and back-up PC workstations for communication with the new CompactLogix PLC system tag data and SBRLogix setpoints.
- Installation of Rockwell Automation Studio 5000 Lite Edition PLC programming software onto the SCADA PC workstations.
- Coordination with the Chemical Feed System for integrating PLC tag data between the Chemical Feed Control System and the SBR Control System.

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Olathe, Kansas 66062  
(913)782-9600**

**On-Site Services:**

- One (1) trip for two (2) ICI control system technicians to the project site for installation of the new PLC/OIT hardware and SCADA system configurations. The trip includes five (5) days inclusive of travel time, travel expenses and three (3) days on-site. All days are Monday through Friday, holidays excluded.

**By others:**

- This is anticipated to be a cooperative effort for the upgrade. Marathon, FL WWTP operators will use an alternate means (manual operation) to keep the SBR system operational while the control panel hardware is changed over.
- Costs associated with goods or services supplied by any ancillary equipment/control system provider for coordination with the SBR Control System.
- All field mounted instrumentation and wiring, including communication cables.
- Any power monitoring equipment, motor starters, disconnects, auxiliary contacts, junction boxes, breaker panel boards, etc...
- Job site storage, installation, tubing, ball valves, mounting/anchor bolts, mounting stands, all field wiring and communication cables, ground rods, termination of field wiring, etc...

**Delivery:**

Typical delivery lead-time of the new hardware/software is eight (8) weeks from receipt of a purchase order; however, due to current supply chain issues our actual lead-time is contingent on the availability of materials at the time of ordering. The hardware installation will be coordinated with Marathon, FL WWTP operators for an optimal installation time and date.

**Terms:**

- Taxes of any kind including sales tax and export duties are not included in this proposal.
- Warranty is 12 months from shipment, warranty includes hardware provided by the proposal, and all other existing hardware is not covered under the warranty.
- This proposal is subject to acceptance by you within thirty (30) days of this date.
- Payment terms - 25% down, 75% upon completion, net 30 days
- Shipping and/or freight costs will be prepaid and add, FOB our dock.

**Price:**

Marathon, FL WWTP SA4 SBR Control System PLC Migration..... \$ 49,223.00

If you have any questions or require additional information, please contact me.

Respectfully,



David Cunningham  
[dcunningham@icicontrols.com](mailto:dcunningham@icicontrols.com)



**Proposal #02165-42-00**

February 1, 2024

Casey Whippo  
City of Marathon, FL  
Via email: [whippoc@ci.marathon.fl.us](mailto:whippoc@ci.marathon.fl.us)

Re: Marathon, FL WWTP Service Area 4 (SA4)  
SCADA HMI Software Migration



Casey:

This proposal is based on phone calls and emails through December 13, 2023, and the request for quotation. Our proposal is as follows:

**Marathon, FL WWTP SA4 – SCADA HMI Software Migration:**

Integrated Controls, INC (ICI) still supports the AVEVA InTouch HMI software and associated Kepware drivers currently installed with your SCADA HMI PC workstations; however, ICI is installing the current version of Rockwell Automation FactoryTalk View SE with our new SCADA HMI system offerings. ICI has found that the current version of FactoryTalk View SE to be robust, stable, and competitive compared to AVEVA InTouch HMI, and FactoryTalk View SE is designed by the same manufacturer as the PLC and OIT hardware we are recommending for the SBR Control Panel. This software conversion includes the following software changes.

- Replace the existing AVEVA Intouch applications and Kepware drivers on both the primary and back-up PC workstations with FactoryTalk View SE Server 25 display perpetual licenses with redundancy failover.
- Each of the two (2) PC Workstations will include the following licenses:
  - FactoryTalk View SE Server 25 display
  - FactoryTalk View SE Redundant Server 25 display
  - FactoryTalk View SE Client
- All licenses will include one year of Rockwell Automation support that will be quoted yearly for support subscription renewal. The software support period begins on the day of software purchase and not the day of installation.
- The existing WIN-911 alarm notification software will be configured for interfacing with the FactoryTalk View SE software.

**On-Site Services:**

- One (1) trip to the project site for installation and testing of the new SCADA HMI software. The trip includes four (4) days inclusive of travel time, travel expenses and two (2) days on-site. All days are Monday through Friday, holidays excluded.

**By others:**

- This is anticipated to be a cooperative effort for the upgrade. If necessary, Marathon, FL WWTP operators will use an alternate means (manual operation) to keep the SBR system operational while the SCADA HMI software is changed over.
- Costs associated with goods or services supplied by any ancillary equipment/control system provider for coordination with the SBR Control System.
- All field mounted instrumentation and wiring, including communication cables.
- Any power monitoring equipment, motor starters, disconnects, auxiliary contacts, junction boxes, breaker panel boards, etc...
- Job site storage, installation, tubing, ball valves, mounting/anchor bolts, mounting stands, all field wiring and communication cables, ground rods, termination of field wiring, etc...

**15707 South Mahaffie Street  
Olathe, Kansas 66062  
(913)782-9600**

**Delivery:**

The lead-time for configuration of the new SCADA HMI software will be within eight (8) weeks from receipt of a purchase order. The SCADA HMI software installation will be coordinated with Marathon, FL WWTP operators for an optimal installation time and date.

**Terms:**

- Taxes of any kind including sales tax and export duties are not included in this proposal.
- Warranty is 12 months from shipment, warranty includes any hardware provided by the proposal, and all other existing hardware is not covered under the warranty.
- This proposal is subject to acceptance by you within thirty (30) days of this date.
- Payment terms – 100%, net 30 days
- Shipping and/or freight costs will be prepaid and add, FOB our dock.

**Price:**

Marathon, FL WWTP SA4 - SCADA HMI Software Migration ..... \$ 32,595.00

If you have any questions or require additional information, please contact me.

Respectfully,



David Cunningham  
[dcunningham@icicontrols.com](mailto:dcunningham@icicontrols.com)

**Proposal #02165-39-00**

February 1, 2024

Casey Whippo  
City of Marathon, FL  
Via email: [whippoc@ci.marathon.fl.us](mailto:whippoc@ci.marathon.fl.us)



Re: Marathon, FL WWTP Service Area 6 (SA6) - SBR Control System PLC Migration


Casey:

This proposal is based on phone calls and emails through November 28, 2023 and the request for quotation. Our proposal is as follows:

**Marathon, FL WWTP SA6 - SBR Control System PLC Migration:**

The Moxa SBR Controller (SBRC) and Q-term HMI hardware installed with your SBR control panel are now obsolete. We are recommending that the PLC system, SBRC, and Q-Term hardware be replaced with our new SBR controller that is embedded in an Allen-Bradley CompactLogix PLC application (SBRLogix). The SBRLogix software/hardware conversion will eliminate the need for the co-processor hardware currently installed with your system. This conversion includes the following hardware replacements.

- Replace the existing 10A single pole circuit breaker with a new 10A single pole circuit breaker.
- Replace the existing single pole surge suppressor with a new single pole surge suppressor.
- Replace the existing Koyo D4-450 PLC system and I/O hardware with new Allen-Bradley CompactLogix PLC and I/O hardware to match existing I/O.
- Replace the existing Moxa SBRC with our new SBR controller application embedded into the PLC code (SBRLogix).
- Replace the existing Q-Term HMI with a new PanelView Plus 7 standard 10" color touchscreen HMI.
- The event printer will no longer be used with the installation of SBRLogix. Step changes are recorded in the PLC memory and the program will store the most recent 500 SBR step changes along with the timestamp, calculated flow rate, tank level and time in previous step to a string array named "Printout", and this array will be viewable from the OIT.
- Revised electrical schematics for the SBR control panel will be provided reflecting the newly installed hardware.
- Configure the existing AVEVA Intouch and WIN-911 applications on both the primary and back-up PC workstations for communication with the new CompactLogix PLC system tag data and SBRLogix setpoints.
- Installation of Rockwell Automation Studio 5000 Lite Edition PLC programming software onto the SCADA PC workstations.
- Coordination with the Chemical Feed System for integrating PLC tag data between the Chemical Feed Control System and the SBR Control System.



**15707 South Mahaffie Street  
Olathe, Kansas 66062  
(913)782-9600**

**On-Site Services:**

- One (1) trip for two (2) ICI control system technicians to the project site for installation of the new PLC/OIT hardware and SCADA system configurations. The trip includes five (5) days inclusive of travel time, travel expenses and three (3) days on-site. All days are Monday through Friday, holidays excluded.

**By others:**

- This is anticipated to be a cooperative effort for the upgrade. Marathon, FL WWTP operators will use an alternate means (manual operation) to keep the SBR system operational while the control panel hardware is changed over.
- Costs associated with goods or services supplied by any ancillary equipment/control system provider for coordination with the SBR Control System.
- All field mounted instrumentation and wiring, including communication cables.
- Any power monitoring equipment, motor starters, disconnects, auxiliary contacts, junction boxes, breaker panel boards, etc...
- Job site storage, installation, tubing, ball valves, mounting/anchor bolts, mounting stands, all field wiring and communication cables, ground rods, termination of field wiring, etc...

**Delivery:**

Typical delivery lead-time of the new hardware/software is eight (8) weeks from receipt of a purchase order; however, due to current supply chain issues our actual lead-time is contingent on the availability of materials at the time of ordering. The hardware installation will be coordinated with Marathon, FL WWTP operators for an optimal installation time and date.

**Terms:**

- Taxes of any kind including sales tax and export duties are not included in this proposal.
- Warranty is 12 months from shipment, warranty includes hardware provided by the proposal, and all other existing hardware is not covered under the warranty.
- This proposal is subject to acceptance by you within thirty (30) days of this date.
- Payment terms - 25% down, 75% upon completion, net 30 days
- Shipping and/or freight costs will be prepaid and add, FOB our dock.

**Price:**

Marathon, FL WWTP SA6 SBR Control System PLC Migration..... \$ 49,223.00

If you have any questions or require additional information, please contact me.

Respectfully,



David Cunningham  
[dcunningham@icicontrols.com](mailto:dcunningham@icicontrols.com)

**Proposal #02165-43-00**

February 1, 2024

Casey Whippo  
City of Marathon, FL  
Via email: [whippoc@ci.marathon.fl.us](mailto:whippoc@ci.marathon.fl.us)

Re: Marathon, FL WWTP Service Area 6 (SA6)  
SCADA HMI Software Migration



Casey:

This proposal is based on phone calls and emails through December 13, 2023, and the request for quotation. Our proposal is as follows:

**Marathon, FL WWTP SA6 – SCADA HMI Software Migration:**

Integrated Controls, INC (ICI) still supports the AVEVA InTouch HMI software and associated Kepware drivers currently installed with your SCADA HMI PC workstations; however, ICI is installing the current version of Rockwell Automation FactoryTalk View SE with our new SCADA HMI system offerings. ICI has found that the current version of FactoryTalk View SE to be robust, stable, and competitive compared to AVEVA InTouch HMI, and FactoryTalk View SE is designed by the same manufacturer as the PLC and OIT hardware we are recommending for the SBR Control Panel. This software conversion includes the following software changes.

- Replace the existing AVEVA Intouch applications and Kepware drivers on both the primary and back-up PC workstations with FactoryTalk View SE Server 25 display perpetual licenses with redundancy failover.
- Each of the two (2) PC Workstations will include the following licenses:
  - FactoryTalk View SE Server 25 display
  - FactoryTalk View SE Redundant Server 25 display
  - FactoryTalk View SE Client
- All licenses will include one year of Rockwell Automation support that will be quoted yearly for support subscription renewal. The software support period begins on the day of software purchase and not the day of installation.
- The existing WIN-911 alarm notification software will be configured for interfacing with the FactoryTalk View SE software.

**On-Site Services:**

- One (1) trip to the project site for installation and testing of the new SCADA HMI software. The trip includes four (4) days inclusive of travel time, travel expenses and two (2) days on-site. All days are Monday through Friday, holidays excluded.

**By others:**

- This is anticipated to be a cooperative effort for the upgrade. If necessary, Marathon, FL WWTP operators will use an alternate means (manual operation) to keep the SBR system operational while the SCADA HMI software is changed over.
- Costs associated with goods or services supplied by any ancillary equipment/control system provider for coordination with the SBR Control System.
- All field mounted instrumentation and wiring, including communication cables.
- Any power monitoring equipment, motor starters, disconnects, auxiliary contacts, junction boxes, breaker panel boards, etc...
- Job site storage, installation, tubing, ball valves, mounting/anchor bolts, mounting stands, all field wiring and communication cables, ground rods, termination of field wiring, etc...

**15707 South Mahaffie Street  
Olathe, Kansas 66062  
(913)782-9600**

**Delivery:**

The lead-time for configuration of the new SCADA HMI software will be within eight (8) weeks from receipt of a purchase order. The SCADA HMI software installation will be coordinated with Marathon, FL WWTP operators for an optimal installation time and date.

**Terms:**

- Taxes of any kind including sales tax and export duties are not included in this proposal.
- Warranty is 12 months from shipment, warranty includes any hardware provided by the proposal, and all other existing hardware is not covered under the warranty.
- This proposal is subject to acceptance by you within thirty (30) days of this date.
- Payment terms – 100%, net 30 days
- Shipping and/or freight costs will be prepaid and add, FOB our dock.

**Price:**

Marathon, FL WWTP SA6 - SCADA HMI Software Migration ..... \$ 32,595.00

If you have any questions or require additional information, please contact me.

Respectfully,



David Cunningham  
[dcunningham@icicontrols.com](mailto:dcunningham@icicontrols.com)

**Proposal #02165-40-00**

February 1, 2024

Casey Whippo  
City of Marathon, FL  
Via email: [whippoc@ci.marathon.fl.us](mailto:whippoc@ci.marathon.fl.us)



Re: Marathon, FL WWTP Service Area 7 (SA7) - SBR Control System PLC Migration

Casey:

This proposal is based on phone calls and emails through November 28, 2023 and the request for quotation. Our proposal is as follows:

**Marathon, FL WWTP SA7 - SBR Control System PLC Migration:**

The Moxa SBR Controller (SBRC) and Q-term HMI hardware installed with your SBR control panel are now obsolete. We are recommending that the PLC system, SBRC, and Q-Term hardware be replaced with our new SBR controller that is embedded in an Allen-Bradley CompactLogix PLC application (SBRLogix). The SBRLogix software/hardware conversion will eliminate the need for the co-processor hardware currently installed with your system. This conversion includes the following hardware replacements.

- Replace the existing 10A single pole circuit breaker with a new 10A single pole circuit breaker.
- Replace the existing single pole surge suppressor with a new single pole surge suppressor.
- Replace the existing Koyo D4-450 PLC system and I/O hardware with new Allen-Bradley CompactLogix PLC and I/O hardware to match existing I/O.
- Replace the existing Moxa SBRC with our new SBR controller application embedded into the PLC code (SBRLogix).
- Replace the existing Q-Term HMI with a new PanelView Plus 7 standard 10" color touchscreen HMI.
- The event printer will no longer be used with the installation of SBRLogix. Step changes are recorded in the PLC memory and the program will store the most recent 500 SBR step changes along with the timestamp, calculated flow rate, tank level and time in previous step to a string array named "Printout", and this array will be viewable from the OIT.
- Revised electrical schematics for the SBR control panel will be provided reflecting the newly installed hardware.
- Configure the existing AVEVA Intouch and WIN-911 applications on both the primary and back-up PC workstations for communication with the new CompactLogix PLC system tag data and SBRLogix setpoints.
- Installation of Rockwell Automation Studio 5000 Lite Edition PLC programming software onto the SCADA PC workstations.
- Coordination with the Chemical Feed System for integrating PLC tag data between the Chemical Feed Control System and the SBR Control System.

**15707 South Mahaffie Street  
Olathe, Kansas 66062  
(913)782-9600**

**On-Site Services:**

- One (1) trip for two (2) ICI control system technicians to the project site for installation of the new PLC/OIT hardware and SCADA system configurations. The trip includes five (5) days inclusive of travel time, travel expenses and three (3) days on-site. All days are Monday through Friday, holidays excluded.

**By others:**

- This is anticipated to be a cooperative effort for the upgrade. Marathon, FL WWTP operators will use an alternate means (manual operation) to keep the SBR system operational while the control panel hardware is changed over.
- Costs associated with goods or services supplied by any ancillary equipment/control system provider for coordination with the SBR Control System.
- All field mounted instrumentation and wiring, including communication cables.
- Any power monitoring equipment, motor starters, disconnects, auxiliary contacts, junction boxes, breaker panel boards, etc...
- Job site storage, installation, tubing, ball valves, mounting/anchor bolts, mounting stands, all field wiring and communication cables, ground rods, termination of field wiring, etc...

**Delivery:**

Typical delivery lead-time of the new hardware/software is eight (8) weeks from receipt of a purchase order; however, due to current supply chain issues our actual lead-time is contingent on the availability of materials at the time of ordering. The hardware installation will be coordinated with Marathon, FL WWTP operators for an optimal installation time and date.

**Terms:**

- Taxes of any kind including sales tax and export duties are not included in this proposal.
- Warranty is 12 months from shipment, warranty includes hardware provided by the proposal, and all other existing hardware is not covered under the warranty.
- This proposal is subject to acceptance by you within thirty (30) days of this date.
- Payment terms - 25% down, 75% upon completion, net 30 days
- Shipping and/or freight costs will be prepaid and add, FOB our dock.

**Price:**

Marathon, FL WWTP SA7 SBR Control System PLC Migration..... \$ 49,223.00

If you have any questions or require additional information, please contact me.

Respectfully,



David Cunningham  
[dcunningham@icicontrols.com](mailto:dcunningham@icicontrols.com)



**Proposal #02165-44-00**

February 1, 2024

Casey Whippo  
City of Marathon, FL  
Via email: [whippoc@ci.marathon.fl.us](mailto:whippoc@ci.marathon.fl.us)

Re: Marathon, FL WWTP Service Area 7 (SA7)  
SCADA HMI Software Migration



Casey:

This proposal is based on phone calls and emails through December 13, 2023, and the request for quotation. Our proposal is as follows:

**Marathon, FL WWTP SA7 – SCADA HMI Software Migration:**

Integrated Controls, INC (ICI) still supports the AVEVA InTouch HMI software and associated Kepware drivers currently installed with your SCADA HMI PC workstations; however, ICI is installing the current version of Rockwell Automation FactoryTalk View SE with our new SCADA HMI system offerings. ICI has found that the current version of FactoryTalk View SE to be robust, stable, and competitive compared to AVEVA InTouch HMI, and FactoryTalk View SE is designed by the same manufacturer as the PLC and OIT hardware we are recommending for the SBR Control Panel. This software conversion includes the following software changes.

- Replace the existing AVEVA Intouch applications and Kepware drivers on both the primary and back-up PC workstations with FactoryTalk View SE Server 25 display perpetual licenses with redundancy failover.
- Each of the two (2) PC Workstations will include the following licenses:
  - FactoryTalk View SE Server 25 display
  - FactoryTalk View SE Redundant Server 25 display
  - FactoryTalk View SE Client
- All licenses will include one year of Rockwell Automation support that will be quoted yearly for support subscription renewal. The software support period begins on the day of software purchase and not the day of installation.
- The existing WIN-911 alarm notification software will be configured for interfacing with the FactoryTalk View SE software.

**On-Site Services:**

- One (1) trip to the project site for installation and testing of the new SCADA HMI software. The trip includes four (4) days inclusive of travel time, travel expenses and two (2) days on-site. All days are Monday through Friday, holidays excluded.

**By others:**

- This is anticipated to be a cooperative effort for the upgrade. If necessary, Marathon, FL WWTP operators will use an alternate means (manual operation) to keep the SBR system operational while the SCADA HMI software is changed over.
- Costs associated with goods or services supplied by any ancillary equipment/control system provider for coordination with the SBR Control System.
- All field mounted instrumentation and wiring, including communication cables.
- Any power monitoring equipment, motor starters, disconnects, auxiliary contacts, junction boxes, breaker panel boards, etc...
- Job site storage, installation, tubing, ball valves, mounting/anchor bolts, mounting stands, all field wiring and communication cables, ground rods, termination of field wiring, etc...

**15707 South Mahaffie Street  
Olathe, Kansas 66062  
(913)782-9600**

**Delivery:**

The lead-time for configuration of the new SCADA HMI software will be within eight (8) weeks from receipt of a purchase order. The SCADA HMI software installation will be coordinated with Marathon, FL WWTP operators for an optimal installation time and date.

**Terms:**

- Taxes of any kind including sales tax and export duties are not included in this proposal.
- Warranty is 12 months from shipment, warranty includes any hardware provided by the proposal, and all other existing hardware is not covered under the warranty.
- This proposal is subject to acceptance by you within thirty (30) days of this date.
- Payment terms – 100%, net 30 days
- Shipping and/or freight costs will be prepaid and add, FOB our dock.

**Price:**

Marathon, FL WWTP SA7 - SCADA HMI Software Migration ..... \$ 32,595.00

If you have any questions or require additional information, please contact me.

Respectfully,



David Cunningham  
[dcunningham@icicontrols.com](mailto:dcunningham@icicontrols.com)