

UV3000PLUS DISINFECTION SYSTEM SCC UPGRADE

For

**KEYWEST, FL
TRUMBO POINT ANNEX, FLEMING KEY
KEYWEST, FL 33040**

ATTENTION: RICKY

**Date: October 16, 2017
Report No: RO_Project No_511113**

NOTICE

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System Control Center (SCC) Scope of Supply: Parts

The new System Control Center (SCC) backplate shall be supplied to monitor & control the UV System. The UV SCC shall consist of the components all generally detailed in the table below. The price does not allow for site installation services. Site service is quoted separately.

QTY	DESCRIPTION	UNIT MODEL NUMBER / COMMENT
1	PLC, CONTROL LOGIX CPU L72 (Programmed)	Includes PLC power supply; necessary control cables
1	Prosoft MVI56E-GSC	Ascii Communications
1	PLC, HMI PV+6 07 512MB (Programmed)	Touchscreen; color
1	SCADA Communications	Ethernet/IP
1	Phoenix Fibre Convertor. Phoenix Part 2902856	Ethernet to Single Mode Fibre SC
1	Backplate. Dimensions and hole cutouts to be confirmed by customer	30min 120V UPS; Drawing approval process confirms site fit/location
2	Digital Outputs 1756-OB16 (16 channel)	
1	Digital Inputs 1756-IB16 (16 channel)	
1	Analog Inputs 1756-IF8 (8 channel)	
1	PLC Programming & testing	Downloaded and configured to site control philosophy
Total SCC Panel Price US\$		58,838.64

Notes:

- Any analog or communications wiring that is too short for direct connection to the new SCC panel connections will have to be replaced as "splicing" is not allowed.
- Conduit, conduit connections/glands, and required wiring to/from the SCC panel are site supply and are not included in parts listed above.

System Control Center (SCC) Scope of Supply: Site Service

The following site service will be required to complete the inspection, commissioning and startup of the new SCC.

Description	Certified Service Technician	Total Price (US\$)
Service Travel Days	2	2,920.00
Site Days required, estimated, invoice @ actual	3	4,380.00
Airfare	1,200.00	1,200.00
Total Service Price US\$		8,500.00

Site Responsibility:

Site will be responsible for:

- approval (or approval as noted) of the submittal drawing(s);
- removal & disposal of the existing obsolete SCC backplate;
- verifying location for new backplate holes, provision of suitable mounting structure/hardware and mounting of new backplate;
- the new supply or transfer of the following connections from the existing panel to the new SCC panel:
 1. One (1) 120 volt, 60 Hz, 1 Phase, 2 wire (plus ground), power supply.
 2. 4-20 mA DC analog signals.
 3. Existing Digital Input and Output signals.
 4. One (1) serial communication link consisting of two (2) twisted shielded pair, 18 gauge (4 conductors).
 5. Ethernet and/or Fibre connections to Scada
 6. Installation of new PVP6 700 into existing Scc cutout.
 7. Any power, analog or communications wiring that is too short for direct connection to the new SCC panel connections will have to be replaced as “splicing” is not allowed

Documentation:

One electronic copy of the following documentation will be supplied by Trojan:

1. Submittal drawings for approval.
2. Final (as approved) submittal drawings.
3. Appropriate corrected sections for the original O&M Manuals.

Terms & Conditions:

Trojan Technologies Terms and Conditions of Sale and Service apply and are available upon request.

Order terms are ExWorks (ExW) London, Ontario. Freight to site is not included in quoted prices.

Payment terms: Net 30 days on approved credit.

Quote validity : December 31, 2017

Delivery is 8 -12 weeks to be confirmed at order placement.

SCC equipment warranty is one (1) year materials.

Daily Rate and Travel Daily Rate, if quoted, includes hourly rate, accommodations, and meals. It does not include airfare.

Airfare, if quoted, is an estimated cost and assumes the flight is booked at least 14 days in advance. The actual air fare receipt will be provided and the final invoice adjusted accordingly. Airfare within North America is booked on the basis of fully flexible refundable economy class tickets with airline of choice.

Trojan employee on-site work will be performed during the working hours of 0800 – 1630 Monday through Friday except for statutory holidays. If site access/working hours are different from this then please advise and we will work to accommodate site hours.

All replacement parts used in Trojan service must be high quality proven Trojan replacement parts designed specifically for use with the Trojan equipment. Using genuine Trojan parts ensures your system remains validated and operates at peak performance. It also maintains your safety certifications, regulatory compliance, and your Trojan Lifetime Performance Guarantee. Trojan Certified Service cannot provide service support to customers with a system where unknown replacement parts or parts other than parts approved by Trojan have been used.