

BLANKET PURCHASE ORDER

STATE OF MARYLAND

***** STATE OF MARYLAND *****

BPO NO: 001B8400167

PRINT DATE: 11/01/19

PAGE: 01

SHIP TO:

AS SPECIFIED ON INDIVIDUAL ORDERS

VENDOR ID:

ECONOLITE CONTROL PRODUCTS
810 CROMWELL PARK DRIVE
SUITE L
GLEN BURNIE, MD 21061
(410) 768-4601

REFER QUESTIONS TO:

CALVIN GLADDEN
(410) 767-4281
CALVIN.GLADDEN@MARYLAND.GOV

ITB: J02R8400004

EXPR DATE: 10/31/20
POST DATE: 09/21/17

DISCOUNT TERMS: . NET 30 DAY
CONTRACT AMOUNT: 3,250,000.00

TERMS:

ARTICLES HEREIN ARE EXEMPT FROM MARYLAND SALES AND USE TAXES BY EXEMPTION CERTIFICATE NUMBER 3000256-3 AND FROM FEDERAL EXCISE TAXES BY EXEMPTION NUMBER 52-73-0358K. IT IS THE VENDOR'S RESPONSIBILITY TO ADVISE COMMON CARRIERS THAT AGENCIES OF THE STATE OF MARYLAND ARE EXEMPT FROM TRANSPORTATION TAX.

STATEWIDE CONTRACT FOR TRAFFIC CONTROL PARTS

THIS STATEWIDE CONTRACT IS FOR TRAFFIC CONTROL PARTS FOR THREE (3) YEARS WITH TWO (2) ONE (1) YEAR RENEWAL OPTION.

MODIFICATION #1: CHANGE LINE #5, PART NUMBER SWCA-POE-AVS TO
SWC-POC-MS.

VENDOR: ECONOLITE CONTROL PRODUCTS INC.
VENDOR CONTACT: RICK DUNMYER
VENDOR NUMBER: 410-768-4601
VENDOR EMAIL: RDUNMYER@ECONOLITE.COM

REQUESTING AGENCIES WILL ORDER PARTS TO FULFILL THEIR ACTUAL NEEDS. CONTRACT WILL HAVE NO STIPULATION AS TO THE MINIMUM QUANTITIES OR DOLLAR VALUE TO BE PURCHASED, AS ORDERS WILL BE PLACED DIRECTLY TO THE SUPPLIER BY THE USING AUTHORITY AS NEEDED. SHOWING DELIVERY AND BILLING INSTRUCTIONS.

DELIVERY:

*** CONTINUED, NEXT PAGE ***

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TERMS (cont'd):

DELIVERY TO BE MADE WITHIN TEN (10) CALENDAR DAYS AFTER NOTIFICATION TO SHIP.

PRODUCT ACCEPTABILITY SHALL BE AT THE SOLE DISCRETION OF THE MARYLAND STATE ORDERING AGENCY. EACH AGENCY SHALL BE THE SOLE JUDGE OF WHAT IS AN "APPROVED EQUAL". ANY MATERIAL DELIVERED AS A RESULT OF THIS AWARD WHICH DOES NOT MEET THE SPECIFICATIONS OR IS OTHERWISE FOUND TO BE DEFECTIVE, SHALL BE REJECTED AND RETURNED AT THE VENDOR'S AND RETURNED AT THE VENDOR'S EXPENSE FOR REPLACEMENT OR CREDIT.

PAYMENT:

FOLLOWING DELIVERY AND ACCEPTANCE OF PRODUCT ECONOLITE GROUP, INC. SHALL SUBMIT AN ORIGINAL INVOICE TO THE ORDERING AGENCY.

INVOICES:

VENDOR MUST INCLUDE THE 9-DIGIT ZIP CODE OF COMPANY ADDRESS ON ALL INVOICES. FAILURE TO SO MAY RESULT IN DELAY OF PAYMENT. THIS PURCHASE IS FOR WATER ACTIVATED COLD PATCH ASPHALT FOR STATEWIDE AGENCIES FACILITIES ACROSS THE STATE.

USAGE REPORT:

VENDOR WILL BE REQUIRED TO SUPPLY A USAGE REPORT OF ALL PURCHASES AGAINST THIS CONTRACT, SHOWING STATE AGENCY AND ADDRESS. REPORTS TO BE SUBMITTED EVERY THREE (3) MONTHS TO LISA MCDONALD AT LISA.MCDONALD@MARYLAND.GOV. FAILURE TO SUBMIT REPORTS MAY BE CAUSE TO TERMINATE CONTRACT.

THE DEPARTMENT OF GENERAL SERVICES "TERMS AND CONDITIONS" FOR COMMODITY CONTRACTS OVER \$25,000" AND ALL SPECIFICATIONS, TERMS AND CONDITIONS OF THIS SOLE SOURCE #J02R8400004 INCORPORATED HEREIN BY REFERENCE.

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<u>LINE #</u>	<u>STATE ITEM ID</u>	<u>U/M</u>	<u>UNIT COST</u>
0001	55088-500000	EA	3,250,000.0000

PARTS FOR ECONOLITE TRAFFIC SIGNAL CONTROL EQUIPMENT

SIGNAL SYSTEM MAINTENANCE AND REPAIR

PARTS FOR NEW INSTALLATION OR MAINTENANCE REPAIRS TO ALL STATE OWNED/MAINTAINED TRAFFIC SIGNALS, STATEWIDE.

SEE SECTION C OF J02R8400004_SIGNAL SYSTEM MAINT REPAIR_IFB.DOC FOR FURTHER INFORMATION.

END OF ITEM LIST

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AUTHORIZED BY: _____ DATE: _____
BUYER AUTHORIZED DESIGNEE

Maryland SHA Spare Parts Contract for Econolite Control Products, Inc.

BPO: 001B84000167

Expiration Date: October 31, 2020

ITEM	ECONOLITE PART NUMBER	DESCRIPTION	UNIT PRICE
1	32801G1	ASC/2M-1000 Master	\$2,800.00
2	32864G2	ASC/2M Power	\$85.00
3	34090G1	ASC/2 FSK Telemetry Module	\$300.00
4	33525G1	ASC/2 RS-232 Telemetry Module	\$275.00
5	32864G4	ASC/2M Telemetry Cable	\$125.00
6	33265G1	ASC/2M I/O Panel	\$85.00
7	32864G3	ASC/2M I/O cable	\$200.00
8	32845G2	ASC/2 Data Module	\$50.00
9	100-1084-503	ASC/3 9 Pin Telemetry Module - RS232	\$300.00
10	100-1084-502	ASC/3 25 Pin Telemetry Module - FSK	\$300.00
11	100-1086-501	ASC/3 Ethernet 10/100 Interface	\$200.00
12	1033-007	ASC/3 Data Module Kit	\$55.00
13	SFDT0100000000	ASC/3 Intersection Monitor Firmware	\$600.00
14	32560G3	"D" Connector Interface	\$170.00
15	32231G60	D Harness	\$90.00
16	32380G1	Telemetry Interface Panel	\$206.00
17	31690G10	ASC/Cobalt FSK Telemetry Cable 25 Pin	\$93.00
18	32680G1	Interface Panel RS-232 Master	\$85.00
19	34070G2	Telemetry Cable RS-232 - Master	\$108.00
20	32162P1	Modem Cable Fiber Optic	\$21.00
21	32864G7	ASC/2M RS-232 cable	\$225.00
22	32680G4	Interface Panel RS-232 Local	\$74.00
23	329013P4	Cobalt Data Key	\$50.00
24	44982G2	ASC/Cobalt Telemetry C/C RS-232 - Local	\$70.25
25	44982G4	ASC/Cobalt Telemetry C/C RS-232 - Loc/Mast	\$70.00
26	45900P1	Fiber Optic Transceiver/Repeater - Multi Mode	\$745.00
27	45900P3	Fiber Optic Transceiver/Repeater - Single Mode	\$1,950.00
28	45900P23	Fiber Optic Transceiver - Single Mode	\$1,530.00
29	COB21120110000	Shelf mount Cobalt controller (Touch Screen)	\$1,995.00
30	32690GA	"G" Cabinet Wired	\$2,300.00
31	32690G9	"G" Cabinet Empty	\$1,650.00
32	44274GA	NEMA 5 Master Cabinet	\$4,900.00
33	34150G1	Flash Control Panel	\$699.00
34	45517G1	Base Mount NEMA 6 Assembly	\$11,660.00
35	45518G1	Pole Mount NEMA 5+ Assembly	\$10,990.00
36	34411G3	Empty NEMA 6	\$1,650.00
37	34412G3	Empty NEMA 5+	\$2,200.00
38	SK3050P1	NEMA 5 Extender Base	\$275.00
39	SK3051P1	NEMA 6 Extender Base	\$340.00
40	020575D333-00	Extender Base Hybrid "S" Cabinet	\$160.00
41	44928P1	NEMA 5 Bottom Plate	\$135.00
42	T20407	NEMA 5 Cabinet Pad	\$25.00
43	T20408	NEMA 6 Cabinet Pad	\$57.00
44	CWRPS604432E	Hybrid "S" Cabinet Cabinet Wrap	\$1,910.00
45	CWRPE402517E	36" "G" Cabinet Wrap	\$1,620.00
46	CWRPE493017E	NEMA 5 Cabinet Wrap	\$1,685.00
47	CWRPE603017E	NEMA 5+ Cabinet Wrap	\$1,760.00
48	CWRPE554426E	NEMA 6 Cabinet Wrap	\$1,865.00

Maryland SHA Spare Parts Contract for Econolite Control Products, Inc.

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ITEM	ECONOLITE PART NUMBER	DESCRIPTION	UNIT PRICE
49	1133-017	Malfunction Management Unit - Smart Monitor	\$963.00
50	44693G30	Malfunction Management Unit - MMU-16E	\$750.00
51	1084-003	External Power Supply	\$405.00
52	33274G3	Cable TS2 Power Supply	\$67.00
53	160-1003-501	Bus Interface Unit	\$280.00
54	33550G2	SDLC-3 Cable Assembly	\$59.00
55	33550G5	SDLC Cable	\$56.00
56	33274G2	SDLC Cable - Hardwire	\$36.00
57	37006P2	Load Switch	\$26.00
58	0767104805	Flash Transfer Relays	\$29.00
59	44623P5	NEMA Flasher	\$27.00
60	45010G8	Resistor Panel	\$55.00
61	34065G1	Ped Isolation Card	\$55.00
62	32050G1	Ped Isolation Card - Old Style	\$55.00
63	34030G2	Detector Rack	\$437.00
64	33284G2	Cable Det Rack Loops 1-8	\$65.00
65	33284G3	Cable Det Rack Loops 9-16	\$50.00
66	33294G2	Loop Interface Panel 8 Position	\$112.00
67	34040G1	Loop Interface Panel 16 Position	\$150.00
68	33284G10	Cable Det Rack DC Power	\$17.00
69	33284G6	Cable Det Rack AC Power	\$20.00
70	33284G8	Cable Det Rack Expansion Calls	\$45.00
71	33284G84	Cable Det Rack Preemption Calls	\$15.00
72	34845G3	Police/Aux Panel	\$180.00
73	34840G12	Power Buss Panel	\$145.00
74	34862G5	SDLC-5 Cable Assembly	\$177.00
75	34842G16	Main Panel Control Cable	\$145.00
76	34842G11	Cable TS2 Power Supply with Connector	\$70.00
77	34842G15	Cable Det Rack AC and DC with Connector	\$47.00
78	171-1076-511	Police/Aux Panel Assembly - NEMA Square	\$140.00
79	171-1674-506	Power Buss Panel - NEMA Square	\$165.00
80	171-1132-502	Main Pol Aux C/C - NEMA Square	\$142.00
81	171-1083-533	Power Supply C/C - NEMA Square	\$70.00
82	171-1083-505	AC & DC Rack C/C - NEMA Square/Hybrid S	\$45.00
83	171-1671-511	Police/Aux Panel - NEMA Round	\$175.00
84	171-1674-506	Power Buss Panel - NEMA Round	\$195.00
85	171-1710-502	Main Pol Aux C/C - NEMA Round	\$142.00
86	171-1676-519	Power Supply C/C - NEMA Round	\$71.00
87	171-1676-505	AC & DC Rack C/C - NEMA Round	\$50.00
88	STCAB1509-ALL	Hybrid "S" Cabinet - Street Ready	\$15,654.00
89	STCAB1509	Hybrid "S" Cabinet	\$11,600.00
90	COBRM11120110000	Rack mount Cobalt controller (Touch Screen)	\$2,150.00
91	1133-041	MMU-16LEIP - Hybrid S	\$1,215.00
92	1133-042	Power Supply - Hybrid S	\$522.00
93	160-1003-505	Bus Interface Unit - Hybrid S	\$275.00
94	174-1029-501-RKIT	MMU PCB Assembly Retro Kit - Hybrid S	\$450.00
95	174-1029-501-NKIT	MMU PCB Assembly New Kit - Hybrid S	\$295.00
96	33284G21	Detector C/C 1-8 - Hybrid S	\$68.00

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ITEM	ECONOLITE PART NUMBER	DESCRIPTION	UNIT PRICE
97	33284G30	Detector C/C 9-16 - Hybrid S	\$53.00
98	34040G101	Detector Interface - Hybrid S	\$265.00
99	174-1069-501	Police/Aux Panel - Hybrid S	\$85.00
100	171-1083-502	Controller Power Cable - Hybrid S	\$75.00
101	1084-014	Power Supply, LED Light	\$50.00
102	171-1153-501	SDLC Hub - Hybrid S	\$90.00
103	082423C332-01	Flash Program Jumper - White	\$3.00
104	082423C332-02	Flash Program Jumper - Yellow	\$3.00
105	082423C332-03	Flash Program Jumper - Red	\$3.00
106	44039P3	Relay Mercury - Normally Open	\$65.00
107	44039P4	Relay Mercury - Normally Closed	\$70.00
108	089585D333-00	Police Manual Cord	\$75.00
109	31637P4	Surge Protector - Older Style	\$55.00
110	31637P11	Surge Protector SHA - Hybrid S	\$155.00
111	32377P1	Surge Protector - TIO	\$45.00
112	32376P3	Surge Protector - Det Interface	\$15.00
113	1047-012	Surge Protector - BIU	\$199.00
114	34945G10	NEMA Modem	\$594.00
115	COBS22120120000	Shelf mount Cobalt controller Standard	\$1,900.00
116	COBSRM12120120000	Rack mount Cobalt controller Standard	\$1,995.00
117	140-1038-502	Cobalt FSK Telemetry module	\$350.00
118	140-1038-503	Cobalt RS-232 Telemetry Module	\$350.00
119	1080-006	Cobalt Remote Programming Device	\$500.00
120	140-1040-501	Cobalt Wireless Adapter	\$45.00
121	171-1369-501	GPS Time Sync Assembly ASC3 Direct	\$375.00
122	171-1369-502	GPS Time Sync Assembly ASC2M Direct	\$375.00
123	171-1603-501	DB25 GPS C/C Assembly	\$60.00
124	171-1603-502	DB9 GPS C/C Assembly	\$60.00
125	CABS#11620	UPS Cabinet	\$3,157.00
126	HSU-DUAL	Bypass Switch w/ Generator Option	\$932.00
127	1090-005-SET	UPS Battery Set - NEMA	\$2,004.00
128	1090-005	UPS Battery - NEMA	\$334.00
129	DBLMX-U-1400	LED UPS	\$2,833.00
130	HSU-DUAL-R	Rack Mount Bypass Switch w/ Generator Opt.	\$1,189.00
131	1090-007-SET	UPS Battery Set - Hybrid	\$1,464.00
132	1090-007	UPS Battery - Hybrid	\$244.00
133	ASCAN600-UKIT	Accuscan 600	\$3,250.00
134	ASCAN-TMIB-AB	TMIB Controller Interface	\$2,300.00
135	ASCAN-CBL	Accuscan Cable	\$3.90
136	219-1013-002	Accuscan Branch Cable	\$3.85
137	ASCAN-IP4	Accuscan Cabinet Interface	\$338.00
138	AENCORE	Encore MVP Sensor	\$3,750.00
139	ASEASYLOCK	Easylock Connector 18-16	\$22.00
140	AMBKTM11	Mounting Bracket (Pedestal)	\$95.00
141	AMBKTM12	"L" Mounting Bracket	\$95.00
142	1175-010	Cable Solo Terra - 500ft	\$0.65
143	1175-011	Cable Solo Terra - 1,000ft	\$0.65
144	ATIP1	Terra Interface Panel (TIP)	\$715.00

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ITEM	ECONOLITE PART NUMBER	DESCRIPTION	UNIT PRICE
145	ATAPE	Terra Access Point (TAP)	\$1,940.00
146	ASTCBL10	TIP to TAP I/F Cable - BIU	\$16.00
147	ASTCBL11	TIP to TAP I/F Cable - Hardwire	\$55.00
148	34909G1	Shelf Mount Enclosure	\$65.00
149	34974P1	Enclosure Power Adapter	\$15.00
150	AVISION	Autoscope Vision Camera	\$3,950.00
151	AVCM	Vision Comm Manager	\$2,600.00
152	AVIO24	Autoscope Vision I/O 24 module	\$424.00
153	222-1004-502	I/O 24 cable	\$20.00
154	222-1004-501	Comm Manager Y cable	\$44.00
155	DEM144	Detector Expansion Module - Server	\$197.00
156	DEM114	Detector Expansion Module - Client	\$130.00
157	211-1010-501	DEM144 to AVIO24 Cable	\$50.00
158	207-1010-501	DEM144 to DEM114 Cable	\$7.00
159	MMUFRMINV	MMU Firmware Inventory	\$230.00
160	MMUFRMREM	MMU Firmware Remote	\$405.00
161	1449-002	Road Side Unit (RSU)	\$2,160.00
162	1133-327	DSRC Stick Antenna - RSU	\$99.00
163	1133-335	GPS Antenna - RSU	\$82.00
164	34238G110	Mounting Bracket - RSU	\$60.00
165	142-1022-501	Termination Panel, RSU - Rack Mount	\$1,490.00
166	142-1022-502	Termination Panel - RSU - NEMA	\$1,275.00
167	1047-050	Surge Protector - RSU	\$115.00
168	32406-3	PoE Comm Switch - RSU	\$995.00
169	1080-040	PoE Comm Switch Power Supply - RSU	\$115.00
170	1449-001	On Board Unit (OBU)	\$1,450.00
171	1133-330	DSRC/GPS Antenna - OBU	\$146.00
172	1149-INSTALL	CV Installation Kit	\$622.00
173	142-1002-501	CV Co-Processor Module	\$595.00
174	SFDT0010000000	Centracs Adaptiver Interface ASC/3	\$1,625.00
175	SFSDE0010000000	Centracs Adaptiver Interface Cobalt	\$1,625.00
176	CENT-ATMS-0100	Centracs System Interface 100 Int.	\$320.00
177	CENT-ATMS-0250	Centracs System Interface 250 Int	\$320.00
178	CENT-MOD-001	Centracs Module Component	\$1,250.00
179	CENT-MOE	Centracs MOE Module	\$15,000.00
180	ESI-9001	CV - Road Side Unit (RSU) DSRC Only (Complete)	\$3,960.00
181	ESI-9007.1	CV - DSRC Stick Antenna - RSU	\$240.00
182	ESI-9007.2	CV - GPS Antenna - RSU	\$320.00
183	ESI-9007.3	CV - Mounting Bracket - RSU	\$170.00
184	ESI-9006	CV - Surge Protector - RSU	\$140.00
185	ESI-8001	CV - POE Comm Switch - RSU	\$1,050.00
186	ESI-8001.1	CV - POE Comm Switch Power Supply - RSU	\$210.00
187	ESI-9011	CV - On Board Unit (OBU) (Complete)	\$3,740.00
188	ESI-9011.1	CV - DSRC/GPS Antenna - OBU	\$210.00
189	ESI-9015	CV Installation Kit (OBU)	\$1,100.00
190	ESI-9010	CV Application Processor (EVP and TSP)	\$1,420.00
191	ESI-9007.4	CV - Port Injector and Power Supply - RSU	\$340.00
192	ESI-9011.2	CV - Human Machine Interface	\$910.00

Maryland SHA Spare Parts Contract for Econolite Control Products, Inc.

BPO: 001B84000167

Expiration Date: October 31, 2020

ITEM	ECONOLITE PART NUMBER	DESCRIPTION	UNIT PRICE
193	ESI-9020	CV - MAP/SPaT File Creation	\$540.00
194	ESI-9007	CV - RSU Accessory Kit	\$1,010.00
195	ESI-9002	CV - Road Side Unit (RSU) DSRC and 5G (Complete)	\$5,360.00
196	ESI-9003	CV - Road Side Unit (RSU) DSRC and BlueTOAD (Complete)	\$7,150.00
197	ESI-9011.2	CV - Through the Glass Antenna - OBU	\$450.00