



**General Services Administration (GSA)
Office of Federal Supply and Services
Authorized Federal Supply Schedule Information**

Schedule: GEOPHYSICAL, ENVIRONMENTAL ANALYSIS EQUIPMENT & SERVICES – Geophysical, Environmental, Analysis & Hazard Equipment. GSA Schedule No. 66, Part II, Section Q (66 II Q)

Contractor: **COASTAL ENVIRONMENTAL SYSTEMS, INC.**

Cage Number: 39825

Contract Number: GS-25F-6038D

Contract Period: December 01, 2010 – November 30, 2015

Telephone: (206) 682-6048 / (800) 488-8291 x 104

Contact: Patrick Kelly
pkelly@coastalenvironmental.com

Business Size: Small

Awarded Special Item Numbers (SIN):

66 507 Technical Training and Support

66 607 Air Temperature, Solar Radiation, and Barometric Pressure Measuring Instruments

66 608 Humidity, Precipitation, and Wind Measuring Instruments

66 610 Atmospheric, Meteorological Platforms, Enclosures and Sondes

66 612 Environmental Data Loggers and Recorders



Maximum Order Limitations:	\$100,000.00
Minimum Order:	\$50.00
Geographic Coverage:	48 Contiguous States, Plus Washington, D.C.
Point of Production:	Seattle, WA
Discount From List Price:	5%
Prompt Payment Terms:	0%
Time of Delivery (All Items):	30-90 day ARO
F.O.B. Point:	Destination
Ordering Address:	Same as Contractor
Payment Address:	Same as Contractor
Warranty Provisions:	Manufacturer's Standard Commercial Warranty
Participating Dealers:	None

COASTAL ENVIRONMENTAL SYSTEMS, INC.
820 1st Ave South, Seattle, WA 98134

	A	B	C	D	E
1			Coastal Environmental Systems, Inc.		
2			COMMERCIAL PRICE LIST. Ver 20 (REV. 6-14-12)		
3					
4	Part No.	SIN	Description	Commercial Price	GSA Price
5					
6			ZENO®		
7	S6800	66-612	ZENO® 6800 Data Logger , for Professional Weather Applications. High Performance data logger and collection platform. Up to 13 serial channels, 16 analog channels;22 bit resolution and 14 digital I/O channels. 32 mb memory, expandable, ARM9 32 bit microcontroller. Low power	2487.00	\$2,380.37
8	S1034	66-612	ZENO® 3200 Data Logger , for Professional Weather Applications. Low-power meteorological data acquisition system processes data, checks alarms and control functions, and stores and telemeters remotely collected data. Offers mechanical robustness, low-power requirements, advanced processing and storage capabilities, and communications options which provide a new level of remote data gathering capability. Data logger includes housing and wiring panel. Features include: 32-bit microcontroller,16 MHz, full floating point arithmetic, 16 single-ended analog inputs (17 differential), 18-bit resolution, 1-90 samples per second, 8 user configurable digital input channels, 6 general purpose digital input/output channels, switched excitation and switched power outputs for meteorological sensors or other connections, low power management system.	\$1,253.78	\$1,200.02
9	S1034I	66-612	ZENO® 3200 Expanded Data Logger , for Professional Weather Applications. Low-power meteorological data acquisition system processes data, checks alarms and control functions, and stores and telemeters remotely collected data. Offers mechanical robustness, low-power requirements, advanced processing and storage capabilities, and communications options which provide a new level of remote data gathering capability. Data logger includes housing and wiring panel. Features include: 32-bit microcontroller, 16 MHz, full floating point arithmetic, 16 single-ended analog inputs (17 differential), 18-bit resolution, 1-90 samples per second, 8 user configurable digital input channels, 6 general purpose digital input/output channels, switched excitation and switched power outputs for meteorological sensors or other connections, low power management system. Universal Serial Interface allows datalogger to read most any sensor.	\$1,716.00	\$1,642.43
10	S1034TX	66-612	ZENO® 3200 Data Logger for Air Quality Monitoring. Datalogger includes housing and wiring panel, and all accessories for monitoring air quality.	\$3,071.46	\$2,939.77

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4	Part No.	SIN	Description	Commercial Price	GSA Price
11	S80075	66-612	ZENO WEATHER STATION- Standard Package. Includes sensors head with wind speed and direction, air temperature, relative humidity, rain tipping bucket and barometric pressure sensor, along with INTERCEPT® software. Features the ZENO 3200 with Super Transient Protection, NEMA-4X waterproof fiberglass enclosure, 110 VAC power supply with back up battery, systems configuration and test, and 50 feet of cable and power supply. Part Numbers in this Station: S1034, S1214, S1122, S8971, S1146Z, S1276Z, S1068Z, S1081Z, S1137, S1027ZA, S1026, S8211, S1022	\$5,726.24	\$5,480.73
12	S1036	66-612	MEMORY - 1 MB Option of SRAM Memory for ZENO 3200® Data Loggers	\$185.54	\$177.58
13	S80245	66-612	MEMORY - 2 GB Removable Downloadable Memory stick and expansion unit on the ZENO 3200® Data Logger	\$450.00	\$430.71
14	SZ3200A	66-612	ZENO® 3200 Data Logger for Wind Weighting. Datalogger includes hardware and software.	\$5,911.58	\$5,658.12
15	S1073	66-612	TRANSIENT PROTECTION - for ZENO® 3200 Data Logger, for all I/O lines.	\$355.79	\$340.54
16	S1214Z	66-612	ZENO® 3200 Data Logger Full Serial I/O Ports. Up to 5 serial ports, depending on configuration, and a Universal Serial Interface -	\$246.31	\$235.75
17	S1110Z	66-612	A-D Expansion - for ZENO® 3200 Data Loggers. 32 single-ended or 16 double-ended, 18 bit	\$530.95	\$508.19
18	S1249Z	66-612	D-A Expansion - for ZENO® 3200 Data Loggers. 4 channel, 12 bit 0-5 VDC (0-10 VDC optional)	\$399.58	\$382.45
19	S1250Z	66-612	D-A Expansion - for ZENO® 3200 Data Loggers. 8 channel, 12 bit 0-5 VDC (0-10 VDC optional)	\$596.63	\$571.05
20	S1374Z	66-612	ZENO® Expansion - Digital / Analog out, 4 - 20 milliAmp (mA), 4 channel	\$782.74	\$749.18
21	S1375Z	66-612	ZENO® Expansion - Digital / Analog out, 4 - 20 milliAmp (mA), 8 channel	\$1,092.55	\$1,045.71
22	S1312Z	66-612	ZENO® Expansion - Digital out, 500 milliAmp (mA) sink	\$107.29	\$102.69
23	S1288	66-612	ZENOSOFT® Operating System Software for the ZENO® 3200 Data Logger. Meteorological data acquisition software contains menus and parameter set-ups for sensors, processes, and data outputs.	\$257.26	\$246.23
24	S1288RC	66-612	ZENOSOFT® Operating System Software with X Command Upgrade, for the ZENO® 3200 Data Logger. Meteorological data acquisition software contains menus and parameter set-ups for sensors, processes, and data outputs.	\$4,160.00	\$3,981.64
25	S1288U	66-612	ZENOSOFT® Operating System Software Upgrade, for the ZENO® 3200 Data Logger. Meteorological data acquisition software contains menus and parameter set-ups for sensors, processes, and data outputs.	\$257.26	\$246.23
26					
27			ENCLOSURES		
28	S1027	66-610	ENCLOSURE - for ZENO® 3200 Data Logger, NEMA-4, Fiberglass Enclosure, includes back plate and marine grade feed-throughs for up to 4 meteorological sensors. Multiple applications	\$439.11	\$420.28

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29	S1027Z	66-610	ENCLOSURE - for ZENO® 3200 Data Logger, NEMA-4, Fiberglass Enclosure, includes back plate and marine grade feed-throughs for up to 4 meteorological sensors. Room for larger battery	\$452.11	\$432.73
30	S1027ZA	66-610	ENCLOSURE - for ZENO® 3200 Data Logger, NEMA-4, Fiberglass Enclosure, includes back plate and marine grade feed-throughs for up to 4 meteorological sensors.	\$455.11	\$435.60
31	S1040Z	66-610	ENCLOSURE - NEMA 4X, Steel Enclosure, Painted, 16" x 14" x 6", includes mounting plate and brackets.	\$562.75	\$538.62
32	S1044Z	66-610	ENCLOSURE - NEMA 4X, Stainless Steel Enclosure, 24" x 24" x 8", includes mounting back plate and brackets.	\$1,422.06	\$1,361.09
33	S1332Z	66-610	ENCLOSURE with Display - NEMA 4X, Fiberglass Enclosure with Built-in 4 x 20 LCD Display. Display has an operating temperature range of -30°C to +80° C. Character height is .39" with a 5.7" x 2.3" viewing area.	\$1,641.01	\$1,570.65
34	S1366Z	66-610	ENCLOSURE (LARGE) - NEMA 4X, Brushed Aluminum Enclosure .	\$2,408.42	\$2,305.16
35	S1372	66-610	ENCLOSURE - Custom enclosure for special applications (meteorological or weather data applications), or add on to existing equipment	\$3,065.26	\$2,933.84
36	S1390Z	66-610	ENCLOSURE - NEMA 4X, Brushed Aluminum Enclosure, 24" X 24" X 8".	\$1,970.53	\$1,886.04
37	S1393Z	66-610	ENCLOSURE - NEMA 4X, Aluminum Enclosure for Meteorological Sensors, Data Loggers, Communications, other. 16" x 14" x 10", includes back plate and mounting brackets.	\$1,092.55	\$1,045.71
38	S1410Z	66-610	ENCLOSURE - NEMA 4X, Stainless Steel Enclosure for Meteorological Sensors, Data Loggers, Communications, other. 20" x 20" x 8", includes mounting back plate and brackets.	\$1,312.59	\$1,256.31
39	S5984Z	66-610	ENCLOSURE - Aluminum (6061-T6 alloy) 8" Diameter Cylindrical Enclosure with Internal O-Ring Sealed Top Plate, for Underwater Applications. Includes data access port, on/off mechanism and antenna pass through. Underwater connectors sold separately.	\$5,200.00	\$4,977.05
40	S1058Z	66-610	PORTS - Additional feed-thru ports for all housings: meteorological sensors, data loggers, communications, other	\$19.71	\$18.86
41	S3825Z	66-610	CONNECTOR - Mil-Spec Connector added to any enclosure - per connector - for meteorological or weather data applications. Includes mating connector on sensor, weatherproof cap for each connector, wiring and test.	\$425.85	\$407.59
42	S1371I	66-610	CONNECTOR SET - Underwater Connector Set, for hostile area survivability of data acquisition applications. Includes 1 set - wired, tested, sealed.	\$502.49	\$480.95
43	S1371	66-610	CONNECTOR SET - Custom, Mil-Spec Connectors - for meteorological or weather data applications. One pair, includes wiring and testing.	\$306.53	\$293.39
44					
45			WEATHERPAK®		
46	S1030	66-612	WEATHERPAK® 2000 - Automatic Weather Station , Various sensors connect to electronic hardware that accurately digitizes and reports real time, on-site weather data to a centrally located computer. Sealed and tested. Sensors Sold Separately	\$4,597.89	\$4,400.76

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47	S1030S	66-612	WEATHERPAK® 2000 - Enhanced Automatic Weather Station , Various sensors connect to electronic hardware that accurately digitizes and reports real time, on-site weather data to a centrally located computer. Sealed and tested. Sensors Sold Separately	\$6,787.37	\$6,496.36
48	S1030MM	66-612	WEATHERPAK® Dual Unit Shipboard Weather Station - Port and Starboard Units. Weather system includes both port and starboard WEATHERPAK®'s, controller box, and display.	\$21,785.26	\$20,851.22
49	S1031	66-612	WEATHERPAK® 500 Weather Station - Basic Unit.	\$6,049.51	\$5,790.14
50	S1414	66-612	WEATHERPAK® 400 TRx HazMat Weather Station for Emergency and First Response. Total weather system with wind, RH/AT, and barometric pressure sensors, Radio communications, base station with display, INTERCEPT® software, tower and carrying case.	\$13,963.63	\$13,364.94
51	S1416	66-612	WEATHERPAK® 400 VM HazMat Weather Station for Emergency and First Response. Total weather system with wind, RH/AT, and barometric pressure sensors, display, INTERCEPT® software, vehicle mounting bracket and carrying case.	\$9,541.94	\$9,132.83
52	S1417	66-612	WEATHERPAK® 400 TC HazMat Weather Station for Emergency and First Response. Total weather system with wind, RH/AT, and barometric pressure sensors, tower, display, INTERCEPT® software, 100 ft of cable and carrying case. No Radio.	\$11,153.18	\$10,674.99
53	S1418	66-612	WEATHERPAK® MTR w/ Gamma Radiation Sensor - Enhanced NBC and CBRNE Response Weather Station. WEATHERPAK® weather station with wind, RH/AT and barometric pressure sensors. Features an ultrasonic ("no-moving-parts") wind monitor, Radio, base station with 5.7" color display, GPS, Gamma Radiation Sensor, SmartDetect™ firmware, INTERCEPT® 3.34 Software	\$17,068.12	\$16,336.32
54	S1569	66-612	WEATHERPAK® MTR - Enhanced NBC and CBRNE Response Weather Station. WEATHERPAK® weather station with wind, RH/AT and barometric pressure sensors. Features an ultrasonic ("no-moving-parts") wind monitor, Radio, base station with 5.7" color display, -GPS, SmartDetect™ firmware, INTERCEPT® 3.34 Software.	\$16,302.00	\$15,603.05
55	S1614	66-612	WEATHERPAK® TRx2 HazMat Weather Station with INTERCEPT® software. System includes wind and RH/AT sensors (no barometer), display, and Spread Spectrum Radio. Features an ultrasonic ("no-moving-parts") wind monitor. This unit comes with INTERCEPT® software.	\$8,305.44	\$7,949.34
56	S80109	66-612	URBAN WEATHERPAK® Weather Station - Compact, self-contained weather station. One-piece design - everything housed in a single unit: meteorological data logger, electronics, sensors, and radio. Sealed from the environment. Built-in spread spectrum Radio. System runs on AC power, solar or battery power. Measures wind and temperature.	\$4,377.36	\$4,189.68
57	S1024	66-612	MANUAL - Users Manual for WEATHERPAK® 400 Weather Stations (N/C with purchase of unit)	\$27.37	\$26.20
58	S1023	66-612	MANUAL - Users Manual for WEATHERPAK® 2000 Weather Stations (N/C with purchase of unit)	\$27.37	\$26.20

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4	Part No.	SIN	Description	Commercial Price	GSA Price
59	S80086	66-612	Optional Power Cables for WEATHERPAK® Weather Station. 30 ft of cable with Mil Spec connector on one end, 5 ft pigtail for user supplied battery and 1 pigtail for AC power supply.	\$472.16	\$451.92
60	S80087	66-612	Optional Power Cable Extension, for WEATHERPAK® Weather Station. 30 ft of extension cable for use with Coastal Environmental Systems P/N S80086	\$192.40	\$184.15
61					
62			C-5 SAM™		
63	S80023	66-612	C-5 SAM™-S VM Weather Station - Standard Package. C-5 SAM™ sensor head with wind speed and direction, air temperature, humidity and barometer and telescoping vehicle mount, along with INTERCEPT® software.	\$4,050.80	\$3,877.12
64	S80024	66-612	C-5 SAM™-S VM Weather Station - Basic Package. C-5 SAM™ sensor head with wind speed and direction, and air temperature. Includes telescoping vehicle mount, 25 ft of cable, digital display box and INTERCEPT® software.	\$4,620.25	\$4,422.16
65	S80025	66-612	C-5 SAM™-S Weather Station - Standard Tripod Package. C-5 SAM™ sensor head with wind speed and direction, air temperature, humidity and barometer, carrying case, 3 meter tripod tower, 50 ft additional cable (75 feet total), and INTERCEPT® software.	\$6,608.78	\$6,325.43
66	S80026	66-612	C-5 SAM™-S Weather Station - Basic Tripod Package. C-5 SAM™ sensor head with wind speed and direction, and air temperature. Includes carrying case, 3 meter tripod tower, 50 ft additional cable (75 feet total), and INTERCEPT® software.	\$4,977.34	\$4,763.94
67	S80152	66-612	C-5 SAM™ No-Moving Part VM Package. C-5 SAM™ sensor head with ultrasonic wind monitor, air temperature, humidity and barometer and telescoping vehicle mount, along with INTERCEPT® software.	\$5,050.80	\$4,834.25
68	S1023C	66-612	MANUAL - Users Manual for C-5 SAM™ Weather Stations (N/C with purchase of unit). Hard Copy Manual	\$16.42	\$15.72
69	S1120C	66-610	TOWER - 3 meter tower for C-5 SAM™ Weather Station	\$546.27	\$522.85
70	S1129C	66-610	TOWER - Vehicle mount for C-5 SAM™ Weather Station. Telescopic, heavy-duty 6061-T6 aluminum.	\$422.00	\$403.91
71	S80027	66-610	BULKHEAD CONNECTOR KIT for C-5 SAM™ Weather Stations. Through bulkhead Mil-Spec connector kit - includes connectors and wiring diagram for installation.	\$136.35	\$130.50
72					
73			C-5 SAM™/N - SHIPBOARD SYSTEMS		
74	S1029	66-612	C-5 SAM/N Basic System Shipboard Weather Station - Includes sensor head with wind speed and direction and air temperature, all necessary electronics to measure and compute values for wind, temperature and stability of the wind. Electronics are transient protected, electro-magnetic interference hardened, and shock mounted. Includes digital read-out display and enclosure, 15 feet of cable and power supply. (Maximum cable length 300 feet.)	\$4,003.45	\$3,831.80

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4	Part No.	SIN	Description	Commercial Price	GSA Price
75	S1029B	66-612	C-5 SAM/N B Shipboard Weather Station - Includes Barometer installed into Basic Unit, which includes: sensor head with wind speed and direction and air temperature, all necessary electronics to measure and compute values for wind, temperature and stability of the wind. Electronics are transient protected, electro-magnetic interference hardened, and shock mounted. Includes digital read-out display and enclosure, 15 feet of cable and power supply. (Maximum cable length 300 feet.)	\$4,545.35	\$4,350.47
76	S1029R	66-612	C-5 SAM/N R Shipboard Weather Station - Includes Relative Humidity installed into Basic Unit, which includes: sensor head with wind speed and direction and air temperature, all necessary electronics to measure and compute values for wind, temperature and stability of the wind. Electronics are transient protected, electro-magnetic interference hardened, and shock mounted. Includes digital read-out display and enclosure, 15 feet of cable and power supply. (Maximum cable length 300 feet.)	\$4,912.09	\$4,701.48
77	S1029RB	66-612	C-5 SAM/N RB Shipboard Weather Station - Includes both Relative humidity and Barometer installed into Basic Unit, which includes: sensor head with wind speed and direction and air temperature, all necessary electronics to measure and compute values for wind, temperature and stability of the wind. Electronics are transient protected, electro-magnetic interference hardened, and shock mounted. Includes digital read-out display and enclosure, 15 feet of cable and power supply. (Maximum cable length 300 feet.)	\$5,443.03	\$5,209.66
78	S1047C	66-612	POWER SUPPLY - for C-5 SAM™ and C-5 SAM/N Weather Stations, 220 VAC option	\$246.31	\$235.75
79	S1209C	66-612	MOUNTING BRACKET & JIG - for C-5 SAM/N Shipboard Weather Stations	\$136.84	\$130.97
80	S1290C	66-612	RS-422 Output for IBS Systems - for C-5 SAM/N Shipboard Weather Stations	\$249.60	\$238.90
81					
82			CARRYING CASES		
83	S1007W	66-612	CARRY CASE - Carrying Case for WEATHERPAK® 2000 Weather Station - basic unit. High impact ABS with foam cut-out. For prop & Vane wind monitor.	\$421.47	\$403.40
84	S1007C	66-612	CARRY CASE - Carrying Case for C-5 SAM™ Weather Station. High impact ABS plastic, holds all components of all model C-5 SAM™ weather stations, except tower.	\$416.00	\$398.16
85	S1298	66-612	CARRY CASE - Carrying Case for WEATHERPAK® Weather Station Tower. Rugged canvas with zipper and handles.	\$191.58	\$183.37
86	S9001	66-612	CARRYING CASE - Custom ABS carrying case for transport and field use. For portable weather stations and meteorological systems.	\$2,107.37	\$2,017.02
87	S9292		CARRYING CASE - Back pack style transport case for Zeno Station sensors.	\$770.00	\$736.99
88	S80042	66-612	Carrying Case for Receiver/Display Box Only - Black(Pelican 1550) case with pre-cut polyethylene foam.	\$387.92	\$371.29
89	S80056	66-612	CARRY CASE - Carrying Case for WEATHERPAK® Weather Station with compact ultrasonic wind sensor. ABS with foam cut-out for solar sensor.	\$503.36	\$481.78
90					

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4	Part No.	SIN	Description	Commercial Price	GSA Price
91			DISPLAYS		
92	S1291	66-612	DISPLAY - Small Screen, LED Backlit, LCD Panel Mount Display for displaying Meteorological and Weather Station data. Small screen is 4 x 20 character display. Individual characters are 4 mm high. Screen size is 75 x 25 mm.	\$574.74	\$550.10
93	S1292	66-612	DISPLAY - Small Screen, LED Backlit, Table Top Display for displaying Meteorological and Weather Station data. Small screen is 4 x 20 character display. Individual characters are 4 mm high. Screen size is 75 x 25 mm.	\$684.21	\$654.87
94	S1299	66-612	DISPLAY - Switch display to isolate WEATHERPAK® Weather Stations by ID Number. Can also be used in a ZENO® Weather Station Network (add to base station receiver).	\$1,083.79	\$1,037.32
95	S1293	66-612	DISPLAY - Small Screen, LED Backlit, LCD Bulkhead Mount Display for displaying Meteorological and Weather Station data. Small screen is 4 x 20 character display. Individual characters are 4 mm high. Screen size is 75 x 25 mm.	\$738.95	\$707.27
96	S1294	66-612	DISPLAY - Large Screen, Vacuum Fluorescent, U Bracket Mount Display for displaying Meteorological and Weather Station data. Large screen is 4 x 20 character display. Individual characters are 12 mm high. Screen size is 225 x 70 mm.	\$2,074.53	\$1,985.58
97	S90009	66-612	DISPLAY - Handheld Field Display. Ruggedized, Operating Temperature: -22 F (-30 C) to 140 F (60 C), Standard 9-pin male D-shell RS-232 serial and USB ports	\$3,656.00	\$3,500.00
98	S8884	66-612	MTR RECEIVER/DISPLAY: 5.7" TFT Flat Color Panel Display W/Touch Screen, Serial and Ethernet Data-Out and Cables. Radio and GPS not Included	\$3,123.00	\$2,989.10
99	S80012	66-612	MTR RECEIVER/DISPLAY: UHF Receiver, 5.7" TFT Flat Color Panel Display W/Touch Screen, GPS Antenna, Serial and Ethernet Data-Out and Cables. Built-in Radio	\$4,390.00	\$4,201.78
100	S80160	66-612	SHIPBOARD DISPLAY: Color, Touch screen for single Weatherpak System. 9.5 IN X 5.5 Inch face plate. Can be Console Mount or Bulkhead Mount.	\$2,320.00	\$2,220.53
101	S80204	66-612	PC WORKSTATION - Data download system and Display Center. Comes PC workstation, 19 inch flat panel display, keyboard, mouse, and speakers. Intercept software not included	\$2,500.00	\$2,392.81
102	S1067	66-610	TEST SET - All Products. PC Compatible, with Software.	\$3,503.16	\$3,352.96
103					
104			SAWS - STAND ALONE WEATHER STATIONS		
105					
106	S1432	66-610	SAWS SENSOR UNIT (SU) - contains all the sensors, electronics, power supply, transient protection, communications options and ZENO® data processing unit. Electronics come in a NEMA 4 aluminum housing.	\$14,515.11	\$13,892.77
107	S1433	66-610	SAWS CONTROL DISPLAY UNIT (CDU) - contains electronics to process and allow selection of wind averaging, electronics to pass data to multiple displays, power supply, and rack mount chassis enclosure.	\$5,254.74	\$5,029.44

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4	Part No.	SIN	Description	Commercial Price	GSA Price
108	S9088	66-610	SAWS Radio Communications - includes a radio transmitter in the SU that sends the data to the CDU and a radio receiver in the CDU to receive, process and pass the data on to the SDU (display). Includes Yagi (directional antenna's) on both ends and 20 feet of antenna cable for each antenna.	\$4,006.74	\$3,834.95
109	S9099	66-610	SAWS - Hard Wire Communications: Short Haul modems to use in place of radios if a hardwire link is preferred. Uses twisted pair cable and sends data from SU to CDU.	\$1,417.69	\$1,356.91
110	S1434	66-610	SAWS SENSOR DISPLAY UNIT (SDU) - comes in either a rack mounted version or drop-in panel version. The SDU is an active matrix display, updated every 3 seconds. The display shows both instantaneous (3 second) winds and is selectable to also display 15 second, 30 second, 60 second or 120 second. All other measurements are one minute averages.	\$4,762.11	\$4,557.93
111					
112			SENSORS		
113					
114			WIND MONITORS		
115	S1100Z	66-608	SENSOR - Wind Monitor AQ. Propeller and vane style (RMY). Wind Monitor is a high resolution wind sensor for air quality applications. Low threshold, fast response, meets regulatory standards. Measures wind speed, direction, gust, and more. Four blade, helicoid shape propeller. For ZENO® weather stations.	\$1,240.00	\$1,186.84
116	S1104Z	66-608	SENSOR - Wind Monitor. Propeller and vane style. Rugged sensor measures wind speed, direction, gust and more. Four blade, helicoid shape propeller. For use with ZENO® weather stations.	\$901.34	\$862.70
117	S1104W	66-608	SENSOR - Wind Monitor. Propeller and vane style. Rugged sensor measures wind speed, direction, gust and more. Four blade, helicoid shape propeller. For use with WEATHERPAK® weather stations.	\$901.34	\$862.70
118	S1104ZU	66-608	SENSOR - Wind Monitor with Underwater Connector. Propeller and vane style. Rugged sensor measures wind speed, direction, gust and more. Four blade, helicoid shape propeller. For use with ZENO® weather stations.	\$1,386.66	\$1,327.21
119	S1109	66-608	SENSOR - UVW 3 Dimensional Wind Monitor (RMY). The UVW anemometer measures the three orthogonal vectors of the wind – along wind component “U”, across wind component “V”, and vertical wind component “W”.	\$2,820.00	\$2,699.09
120	S1145Z	66-608	SENSOR - Wind Monitor. Cup and Vane style. PSD qualified anemometer and vane. Rugged sensor measures wind speed, direction, gust and more. For use with ZENO® weather stations.	\$853.89	\$817.28
121	S1146Z	66-608	SENSOR - Wind Monitor. Cup and Vane style. Rugged sensor measures wind speed, direction, gust and more. For use with ZENO® weather stations.	\$751.00	\$718.80
122	S1147	66-608	SENSOR - Wind Monitor Wind Speed ONLY (RMY) . Three Hemispherically molded cups.	\$574.00	\$549.39
123	S1331Z	66-608	SENSOR - Wind Monitor - for Vertical wind speed only. Helicoid, four blade propeller style. For use with ZENO® weather stations.	\$538.49	\$515.40

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4	Part No.	SIN	Description	Commercial Price	GSA Price
124	S1510	66-608	SENSOR - Wind Monitor - Ultrasonic (Gill). Rugged, compact sensor with no moving parts, measures wind speed, direction, gust and more. For use with Coastal Environmental Systems weather stations.	\$1,188.75	\$1,137.78
125	S1510-M	66-608	SENSOR - Military Wind Monitor - Ultrasonic (Gill). For military applications, Very Rugged, compact sensor with no moving parts, measures wind speed, direction, gust and more. For use with Coastal Environmental Systems weather stations.	\$2,925.00	\$2,799.59
126	S3487	66-608	SENSOR - Wind Monitor - Ultrasonic, 3 Dimensional (Gill). Rugged sensor measures wind speed, direction, gust and more. For use with Coastal Environmental Systems weather stations.	\$6,940.63	\$6,643.05
127	S5959	66-608	SENSOR - Wind Monitor. ASOS approved - upgraded Sonic Wind Monitor kit. For use with Coastal Environmental Systems weather stations.	\$12,370.80	\$11,840.40
128	S6747	66-608	SENSOR - Wind Monitor - Ultrasonic, Heated (Gill - WO). Rugged, heated, stainless steel sensor with no moving parts, measures wind speed, direction, gust and more. For use with Coastal Environmental Systems weather stations.	\$3,065.26	\$2,933.84
129	S7647	66-608	SENSOR - Wind Monitor - Ultrasonic (Gill - WO). Rugged, stainless steel sensor with no moving parts, measures wind speed, direction, gust and more. For use with Coastal Environmental Systems weather stations.	\$2,656.16	\$2,542.28
130	S7458	66-608	SENSOR - Wind Monitor - Ultrasonic, 3 Dimensional (R.M. Young). Rugged sensor measures wind speed, direction, gust and more. For use with Coastal Environmental Systems weather stations.	\$2,623.92	\$2,511.42
131	S8398	66-608	SENSOR - Wind Monitor (Taylor). Extremely rugged sensor measures wind speed and direction. Heavy duty wind sensor for extreme cold, high winds, or both. For use with Coastal Environmental Systems weather stations.	\$7,931.37	\$7,591.31
132	S8398H	66-608	SENSOR - Wind Monitor (Taylor). Extremely rugged sensor measures wind speed and direction, with heaters and heater controller for both speed and direction. Heavy duty wind sensor for extreme cold, high winds, or both. For use with Coastal Environmental Systems weather stations.	\$10,002.61	\$9,573.75
133	S80122	66-608	SENSOR - Wind Monitor - Ultrasonic (RMY). Rugged, compact sensor with no moving parts, measures wind speed, direction, gust and more. For use with Coastal Environmental Systems weather stations.	\$1,550.00	\$1,483.54
134	S80122-75	66-608	SENSOR - Wind Monitor - Ultrasonic (RMY). Range: 0-75m/s. Rugged, compact sensor with no moving parts, measures wind speed, direction, gust and more. For use with Coastal Environmental Systems weather stations.	\$1,750.00	\$1,674.97
135	S80132	66-608	SENSOR - Wind Monitor - Ultrasonic (RMY) Heated. Rugged, compact sensor with no moving parts, measures wind speed, direction, gust and more. For use with Coastal Environmental Systems weather stations.	\$2,170.00	\$2,076.96
136	S80132-75	66-608	SENSOR - Wind Monitor - Ultrasonic (RMY) Heated. Range: 0-75m/s Rugged, compact sensor with no moving parts, measures wind speed, direction, gust and more. For use with Coastal Environmental Systems weather stations.	\$2,370.00	\$2,268.39

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4	Part No.	SIN	Description	Commercial Price	GSA Price
137	S80197	66-608	SENSOR - Alpine Wind Monitor (RMY) Wind Speed and Direction. The wind speed sensor is a four blade helicoid propeller. External housing surfaces are coated with a specially formulated, Ice-resistant coating to improve performance in harsh alpine conditions.	\$1,240.00	\$1,186.84
138	S80218	66-608	SENSOR - Wind Monitor - Ultrasonic(V). Measurement Range 75 m/s, Rugged sensor with no moving parts, measures wind speed, direction, gust and more. WMO and ICAO compliant. For use with Coastal Environmental Systems weather stations.	\$3,680.00	\$3,522.22
139	S85032	66-608	SENSOR - Wind Monitor, (RMY) 3-Dimensional Ultrasonic, No moving parts, No calibration required, Stainless steel construction.	\$2,685.00	\$2,569.88
140					
141			COMPASS		
142	S1087	66-610	SENSOR - Hand-held Electronic for use with Coastal Environmental Systems Meteorological Weather Stations. Pistol grip for sighting True North.	\$71.16	\$68.11
143	S1009	66-610	SENSOR - Electronic Compass for Coastal Environmental Systems Buoy Weather Systems.	\$2,309.89	\$2,210.85
144	S1085Z	66-610	SENSOR - Electronic Compass for land-based Weather Systems. Installed in a ZENO® weather station, or custom weather station.	\$797.34	\$763.15
145	S1085W	66-610	SENSOR - Electronic Compass for land-based Weather Systems. Installed in a WEATHERPAK® weather station, or custom weather station.	\$797.34	\$763.15
146	S1085H	66-610	SENSOR - Electronic Compass for land-based Weather Systems. Installed in a WEATHERPAK® weather station, ZENO® weather station, or custom weather station.	\$797.34	\$763.15
147					
148			HUMIDITY AND AIR TEMPERATURE		
149	S1112Z	66-607	SENSOR - Relative Humidity and Air Temperature, (V HMP110) RH Accuracy: ± 1.7% (0 ... 90 %), ±2.5% (90 ... 100 %). AT Accuracy: ±0.2 °C (0...+40°C)	\$820.02	\$784.86
150	S1074Z	66-607	SENSOR - Air Temperature. (YSI) ± 0.2°C accurcay. -50°C to +50°C. For ZENO® weather stations.	\$268.21	\$256.71
151	S1074W	66-607	SENSOR - Air Temperature. (YSI m/n 44034) ± 0.2°C accurcay. -50°C to +50°C, with solar radiation shields designed for Arctic and Antarctic use. Includes cable, connectors and post. For use with ZENO® weather stations.	\$669.98	\$641.25
152	S1075Z	66-607	SENSOR - Air Temperature, ± 0.2°C, Motor Aspirated, 12 VDC (M-O). (Single) For ZENO® weather stations.	\$930.80	\$890.89
153	S1076Z	66-607	Motor Aspirated Temperature Sensor (RMY), 12 VDC with fan fail. (Single) For ZENO® weather stations. Shield with Temperature Sensor	\$1,180.13	\$1,129.53
154	S1077Z	66-607	SENSOR - Air Temperature, Motor Aspirated, (M-O), ± 0.2°C accurcay, 12VDC± 0.2°C accurcay, 12 VDC, Delta-T. (Set of 2) For ZENO® weather stations.	\$2,173.05	\$2,079.88
155	S1276Z	66-607	SENSOR - Relative Humidity and Air Temperature, RH Accuracy: ± 3% & AT Accuracy: ± 0.6°C . For use with ZENO® weather stations.	\$720.91	\$690.00

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4	Part No.	SIN	Description	Commercial Price	GSA Price
156	S1276W	66-607	SENSOR - Relative Humidity and Air Temperature, RH Accuracy: $\pm 3\%$ & AT Accuracy: $\pm 0.6^{\circ}\text{C}$. For use with WEATHERPAK® weather stations.	\$740.96	\$709.19
157	S1412Z	66-607	SENSOR - Motor Aspirated Temperature and Humidity, w/ radiation shield. AT accuracy $\pm 0.3^{\circ}\text{C}$, RH accuracy 3%	\$1,619.00	\$1,549.59
158	S9276Z	66-607	SENSOR - Relative Humidity and Air Temperature, (ROT) RH Accuracy: $\pm 1\%$, AT Accuracy: $\pm 0.1^{\circ}\text{C}$. For use with ZENO® weather stations.	\$860.00	\$823.13
159	S9276W	66-607	SENSOR - Relative Humidity and Air Temperature, (ROT) RH Accuracy: $\pm 1\%$, AT Accuracy: $\pm 0.1^{\circ}\text{C}$. For use with WEATHERPAK® weather stations.	\$860.00	\$823.13
160	S9748Z	66-607	SENSOR - Relative Humidity and Air Temperature (ROT), RH Accuracy: $\pm 0.1^{\circ}\text{C}$, AT Accuracy: $\pm 0.3^{\circ}\text{C}$.	\$795.00	\$760.91
161	S90005	66-607	SENSOR - Dew Point/ Air Temperature and Relative Humidity. Very rugged, $\pm 3\%$ RH accuracy, $\pm 0.3^{\circ}\text{C}$ temperature accuracy	\$919.00	\$879.60
162	S80003	66-607	SENSOR - Humidity and Temperature Transmitter. Accurate, reliable, versatile, Interchangeable without loss of measurement accuracy, Unique digital technology	\$971.00	\$929.37
163	S900012	66-607	SENSOR - Pocket-Sized Relative Humidity and Temperature Indicator. Lightweight, hand-held pocket-size, Extendable probe, Automatic POWER-OFF, Fast response with $\pm 2\%$ accuracy	\$1,462.00	\$1,399.32
164	S80046Z	66-607	SHIELD - Motor Aspirated Shield (RMY) for AT/RH sensors. Compact and accurate. For Coastal Environmental Systems weather stations.	\$743.60	\$711.72
165	S80212	66-607	SHIELD - Fan Aspirated Radiation Shield (MO), protects temperature and humidity sensors from direct and indirect radiant energy.	\$989.00	\$946.60
166					
167			BAROMETRIC PRESSURE		
168	S1081Z	66-607	SENSOR - Barometric Pressure (m/n IC 1220A), ± 1 mBar at 22°C . For use in ZENO® weather stations.	\$509.05	\$487.22
169	S1081W	66-607	SENSOR - Barometric Pressure (m/n IC 1220A) ± 1 mBar at 22°C . For use in WEATHERPAK® 2000 weather stations.	\$640.42	\$612.96
170	S1079Z	66-607	SENSOR - Barometric Pressure (m/n 270), -18°C to $+80^{\circ}\text{C}$, ± 0.3 mBars. For use in ZENO® weather stations.	\$1,990.23	\$1,904.90
171	S1082Z	66-607	SENSOR - Barometric Pressure (Psci), -40°C to $+70^{\circ}\text{C}$, ± 0.1 mBars.	\$4,707.37	\$4,505.54
172	S1352	66-607	SENSOR - Precision Digital Barometer (PDB-1) . Complete package for altimetry standard - continuously indicates real-time atmospheric pressure and altimeter setting for air safety purposes. Automatically calculates and/or displays: altimeter setting, sea level pressure, station pressure, field pressure, pressure altitude, density altitude, station elevation, field elevation, and sensor elevation. Includes 0.1 mBar accurate sensing element, completely sealed enclosure with weather-tight lid, large bright character display, keypad and toggles, power supply, air temperature sensor with 25 ft of cable, packing/shipping box, manual, PDB-Com software for set-up and modification, power cable, and communications cable.	\$16,963.55	\$16,236.24
173	S9080	66-607	SENSOR - Dual Barometer System (S 278), ± 0.5 mbar accuracy, Very stable over time, low power consumption	\$1,567.00	\$1,499.81

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4	Part No.	SIN	Description	Commercial Price	GSA Price
174	S80079Z	66-607	SENSOR - Barometric Pressure (RMY), -50°C to +60°C, ± 0.3 mBars, Range 500-1100 mBars. For use in ZENO® weather stations.	\$1,200.00	\$1,148.55
175	S80079W	66-607	SENSOR - Barometric Pressure (RMY), -50°C to +60°C, ± 0.3 mBars, Range 500-1100 mBars. For use in WEATHERPAK® weather stations.	\$1,200.00	\$1,148.55
176	S80216-1B	66-607	SENSOR - Digital Barometer (V - PTB330), 1 Sensor, Class B Range: 500-1100 hPa, Accurate measurement, Excellent long-term stability, For professional use in meteorology, aviation, laboratories, and demanding industrial applications	\$1,577.00	\$1,509.39
177	S80216-1	66-607	SENSOR - Digital Barometer (V - PTB330), 1 Sensor, Class A Range: 500-1100 hPa, Accurate measurement, Excellent long-term stability, For professional use in meteorology, aviation, laboratories, and demanding industrial applications	\$1,765.00	\$1,689.33
178	S80216-2	66-607	SENSOR - Digital Barometer (V - PTB330), 2 Sensors, Class A Range: 500-1100 hPa. Accurate measurement, Excellent long-term stability, For professional use in meteorology, aviation, laboratories, and demanding industrial applications	\$2,170.00	\$2,076.96
179	S80216-3	66-607	SENSOR - Digital Barometer (V - PTB330), 3 Sensors, Class A Range: 500-1100 hPa. Accurate measurement, Excellent long-term stability, For professional use in meteorology, aviation, laboratories, and demanding industrial applications	\$2,610.00	\$2,498.10
180					
181			AGRICULTURAL SENSORS		
182	S1169Z	66-608	SENSOR - Leaf Wetness Sensing Grid. For use with ZENO® weather stations.	\$158.74	\$151.93
183	S1201Z	66-608	SENSOR - Soil Moisture. Gypsum Block type. For use with ZENO® agricultural weather stations.	\$102.85	\$98.44
184	S1420	66-608	SENSOR - Soil Moisture. Dielectric Constant type (C). For use with ZENO® and WEATHERPAK® agricultural weather stations.	\$254.22	\$243.32
185	S91111	66-608	SENSOR - Soil Moisture. For use with ZENO® and WEATHERPAK® agricultural weather stations.	\$135.00	\$129.21
186	S91282	66-608	SENSOR - Soil Temperature. For use with ZENO® and WEATHERPAK® agricultural weather stations.	\$165.00	\$157.93
187					
188			PRECIPITATION		
189	S1068Z	66-608	SENSOR - Precipitation, 6" Tipping Bucket. Resolution 0.01 inch. For use with ZENO® weather stations.	\$451.03	\$431.69
190	S1068W	66-608	SENSOR - Precipitation, 6" Tipping Bucket. Resolution 0.01 inch. For use with WEATHERPAK® weather stations.	\$451.03	\$431.69
191	S1068-8	66-608	SENSOR - Precipitation, 8" Heated Tipping Bucket. Resolution 0.01 inch, 110 VAC heater and 8 feet of cable.	\$480.03	\$459.45
192	S1069Z	66-608	SENSOR - Precipitation, 6" Heated Tipping Bucket. Resolution 0.01 inch, 110 VAC heater and 8 feet of cable. For use with ZENO® weather stations.	\$750.00	\$717.84
193	S1069W	66-608	SENSOR - Precipitation, 6" Heated Tipping Bucket. Resolution 0.01 inch, 110 VAC heater and 8 feet of cable. For use with WEATHERPAK® weather stations.	\$750.00	\$717.84

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4	Part No.	SIN	Description	Commercial Price	GSA Price
194	S1069-8	66-608	SENSOR - Precipitation, 8" Heated Tipping Bucket. Resolution 0.01 inch, 110 VAC heater and 8 feet of cable.	\$795.00	\$760.91
195	S1072	66-608	SENSOR - Precipitation Tipping Bucket. 8" WMO Standard . Resolution 0.01 inch. For use with WEATHERPAK® or ZENO® weather stations.	\$1,253.00	\$1,199.28
196	S1111Z	66-608	SENSOR - Precipitation. Non-moving part rain collector gauge for moving or long-term, unattended applications. (Heated sensor available). For use with ZENO® weather stations.	\$1,153.25	\$1,103.80
197	S1111W	66-608	SENSOR - Precipitation. Non-moving part rain collector gauge with self-siphon, for moving or long-term, unattended applications. (Heated sensor available). For use with WEATHERPAK® weather stations.	\$1,153.25	\$1,103.80
198	S9313	66-608	SENSOR - Precipitation Rain Gauge,(TX-E) 4 Inch, Range: 0 to 100mm/hr. Portable Application	\$908.00	\$869.07
199	S80002	66-608	SENSOR - Tipping Bucket Rain Gauge (TB3) World standard 200 mm catch, Stainless steel leaf sieve filter resists blocking, Build-in discharge outlets at base for water collection and analysis, Easy to service, low maintenance	\$1,097.00	\$1,049.97
200	S80207	66-608	SENSOR - Large Weighing Rain Gauge (O), Collecting Area: 400 sq. cm, Collecting Range: 0 to 2 in/min or 0 to 120 in/hr	\$5,837.00	\$5,586.74
201	S80209	66-608	SENSOR - Precipitation, 8" Tipping Bucket. Meets the specifications of the World Meteorological Organization (WMO)	\$480.00	\$459.42
202	S80210	66-608	SENSOR - Precipitation, 8" Heated Tipping Bucket. Meets the specifications of the World Meteorological Organization (WMO)	\$650.00	\$622.13
203	S80211	66-608	SENSOR - Precipitation Tipping Bucket. (TB4) 200 sq. cm catching area. Measuring range of 0-700 mm/hr.	\$999.00	\$956.17
204	S7479	66-608	SENSOR - Precipitation, 8" Heated Tipping Bucket. Stainless steel sensor with a teflon coating. Two screens keep out debris.	\$1,318.06	\$1,261.55
205	S1333Z	66-608	SENSOR - Fuel Moisture. Measures 10 hour fuel moisture. Includes (replaceable) fuel rod and surge-protected electronics. For use with ZENO® weather stations.	\$629.63	\$602.63
206	S1345Z	66-608	SENSOR - Snow Depth. UHRA sonic measurement of snow depth - up to 10 meters. For use with ZENO® weather stations.	\$999.00	\$956.17
207	S91345	66-608	SENSOR - Snow Depth. Ultrasonic measurement of snow depth, no direct contact to the snow needed.	\$1,577.00	\$1,509.39
208	S1391W	66-608	SENSOR - Precipitation Detector. Detects presence of rain, snow or heavy dew. For use with WEATHERPAK® weather stations.	\$982.80	\$940.66
209	S9332	66-608	SENSOR - Evaporation Pan & Gauge, Measurement of water evaporation. Evaporation Gauge is used to determine the evaporation rate by measuring the changing water level in an evaporation pan.	\$2,460.00	\$2,354.53
210	S1365	66-608	MOUNTING HARDWARE - for standard tipping buckets.	\$129.18	\$123.64
211					
212			SOLAR RADIATION		
213	S1114Z	66-607	SENSOR - Solar Radiation (m/n LI200SZ). Shortwave ± 10%. For use with ZENO® weather stations.	\$518.85	\$496.60
214	S1114W	66-607	SENSOR - Solar Radiation (m/n LI200SZ). Shortwave ± 10%. For use with WEATHERPAK® weather stations.	\$634.40	\$607.20

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4	Part No.	SIN	Description	Commercial Price	GSA Price
215	S1163	66-607	SENSOR - Quantum sensor, Photosynthetically Active Radiation (PAR) sensor. Used mainly in Agricultural Applications	\$485.00	\$464.21
216	S1167Z	66-607	SENSOR - Net Radiometer (REBS). Glass reinforced plastic frame with built-in 1° level. For use with ZENO® weather stations.	\$1,410.00	\$1,349.55
217	S1167W	66-607	SENSOR - Net Radiometer (REBS). Glass reinforced plastic frame with built-in 1° level. For use with WEATHERPAK® weather stations.	\$1,510.00	\$1,445.26
218	S1092Z	66-607	SENSOR - Solar Radiation (Eppley). Rugged, PSP sensor. Shortwave ± 2%. For use with ZENO® weather stations.	\$3,950.00	\$3,780.64
219	S1092W	66-607	SENSOR - Solar Radiation (Eppley). Rugged, PSP sensor. Shortwave ± 2%. For use with WEATHERPAK® weather stations.	\$3,746.19	\$3,585.57
220	S1115Z	66-607	SENSOR - Solar Radiation (Eppley m/n 8-48). Shortwave ± 2%. For use with ZENO® weather stations.	\$2,824.42	\$2,703.32
221	S1115W	66-607	SENSOR - Solar Radiation (Eppley m/n 8-48). Shortwave ± 2%. For use with WEATHERPAK® weather stations.	\$2,824.42	\$2,703.32
222	S1425Z	66-607	SENSOR - Solar Radiation (Eppley). Longwave ± 2%. For use with ZENO® weather stations.	\$4,794.95	\$4,589.37
223	S1425W	66-607	SENSOR - Solar Radiation (Eppley). Longwave ± 2%. For use with WEATHERPAK® weather stations.	\$4,794.95	\$4,589.37
224	S8821	66-607	SENSOR - Solar Radiation (Apg). Silicon-cell pyranometer is calibrated to measure total shortwave radiation. Agricultural Application	\$379.00	\$362.75
225	S80206	66-607	SENSOR - Solar Radiation. Second Class, Suitable for measuring global short-wave solar irradiance incidenting a plane surface, offering a full 180° field of view. Suitable for both indoor and outdoor applications, has a maximum measurement range of two suns, 2000 W/m2	\$1,200.00	\$1,148.55
226	S80214	66-607	SENSOR - First Class Solar Radiation sensor. Used in scientific grade solar radiation observations. It complies with the "first class" specifications within the latest ISO and WMO standards. Spectral range: 305 to 2800 nm	\$2,238.00	\$2,142.05
227	S80217	66-607	SENSOR - Sunshine duration, Sunshine duration is defined by the World Meteorological Organization as the time during which the direct solar radiation exceeds 120 W/m ² , no moving parts.	\$3,200.00	\$3,062.80
228	S80236	66-607	SENSOR - Ultraviolet Radiation Sensor (Apg) . Measures UV Radiation between 250 and 400 nanometers in μmol m-2 s-1	\$397.00	\$379.98
229	S80242	66-607	SENSOR - Quantum Sensor (PAR) , (Apg). Measures Photosynthetically Active Radiation	\$375.00	\$358.92
230					
231			GAMMA RADIATION		
232	S80097	66-607	SENSOR - GAMMA RADIATION , This detector module is designed to be interfaced to various portable or fixed monitoring system via standard serial interface and simple command protocol.	\$1,023.90	\$980.00
233					
234			WATER AND OCEANOGRAPHIC		
235	S1117Z	66-608	SENSOR - Water Temperature (m/n 44034). For underwater use. Thermistor type, high accuracy. For use with ZENO® weather stations.	\$974.31	\$932.54

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4	Part No.	SIN	Description	Commercial Price	GSA Price
236	S1184Z	66-608	SENSOR - Water Level / Depth - Pressure Transducer, ± 0.1% full scale operation, specify range. Includes 50 ft of cable.	\$1,313.69	\$1,257.37
237	S1351Z	66-608	SENSOR - Water Level / Depth - Pressure Transducer, ± 0.25% full scale operation, 0 - 5 through 0 - 300 psig. Includes 50 ft of cable.	\$1,204.21	\$1,152.58
238					
239			VISIBILITY AND AIRPORT		
240	S1349Z	66-610	SENSOR - Ceilometer. Mobile - battery powered, or fixed - capable of functioning in all environments, including polar applications.	\$33,430.00	\$31,996.69
241	S7499	66-610	SENSOR - Ceilometer (25K). (V) Small and compact sensor measures up to 3 cloud layers up to 25,000 feet. Includes a blower to keep snow and rain accumulation off the lenses, as accumulation may impact the readings at this greater range. Sensor includes electronics and lens heaters.	\$30,268.38	\$28,970.62
242	S8433C	66-610	SENSOR - Ceilometer. SSEM (Serial Sensor Expansion Model VER 3.0) Upgrade. SSEM firmware upgrade, blower, cables, mounting adapter and all other mechanical and electrical components for ceilometer upgrade: CONUS	\$33,319.52	\$31,890.95
243	S8433O	66-610	SENSOR - Ceilometer. SSEM (Serial Sensor Expansion Model VER 3.0) Upgrade. SSEM firmware upgrade, blower, cables, mounting adapter and all other mechanical and electrical components for ceilometer upgrade: OCONUS	\$33,954.96	\$32,499.14
244	S8433M	66-610	SENSOR - Ceilometer. SSEM (Serial Sensor Expansion Model VER 3.0) Upgrade. SSEM firmware upgrade, blower, cables, mounting adapter and all other mechanical and electrical components for ceilometer upgrade: S. AMERICA & MIDDLE EAST	\$34,070.40	\$32,609.63
245	S9308	66-610	SENSOR - Ceilometer, (25k), accuracy is within 50 feet. (5 cloud layers / 0 to 8 octas range) are detected using pulsed diode laser Light Detection and Ranging (LIDAR) technology.	\$29,254.00	\$27,999.73
246	S1376Z	66-608	SENSOR - Present Weather Sensor - Optical Sensor. For use with ZENO® weather stations.	\$8,320.00	\$7,963.28
247	S1364Z	66-608	SENSOR - Present Weather Sensor - Optical Sensor. For use with ZENO® weather stations.	\$8,976.84	\$8,591.96
248	S8312	66-610	SENSOR - Present Weather. Disdrometer - laser present weather sensor.	\$4,264.00	\$4,081.18
249	S9407	66-610	SENSOR - Present Weather Detector, measures visibility, indicates cause of reduced visibility, detects precipitation type, measures	\$6,477.00	\$6,199.30
250	S1305Z	66-610	SENSOR - Visibility (Bel), low power	\$10,834.61	\$10,370.08
251	S7761	66-610	SENSOR - Visibility - Forward Scatter type. Scatter angle is 43°. Sensor mounts on 3 meter tower and includes mounting hardware. This sensor is used for both visibility and Runway Visual Range (RVR).	\$8,758.99	\$8,383.45
252	S8832	66-610	SENSOR - Visibility (Env), for all applications	\$5,408.00	\$5,176.13
253	S8852	66-610	SENSOR - Visibility (V), high powered sensor, FAA tested	\$14,768.00	\$14,134.82
254	S8841	66-610	SENSOR - Visibility - Combined visibility and present weather sensor. Low power, small footprint.	\$11,648.00	\$11,148.59
255	S13642	66-610	SENSOR - Visibility and Present Weather Detector with Ambient Light. Compact & economical, Measures prevailing visibility accurately, Indicates cause of reduced visibility, Detects precipitation type	\$11,701.00	\$11,199.32

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4	Part No.	SIN	Description	Commercial Price	GSA Price
256	S80004	66-610	SENSOR - Visibility with Ambient Light. Forward-scatter measurement, Lightweight, compact design. 10 - 20,000 Meter Range	\$7,522.00	\$7,199.49
257	S80004-A	66-610	SENSOR - Visibility. Forward-scatter measurement, Lightweight, compact design, range of 10 to 20,000 meters (PWD20).	\$7,313.00	\$6,999.46
258	S90032	66-610	SENSOR - Visibility and Present Weather. Measures both Visibility and Present Weather, high grade aluminum construction, Design minimizes maintenance, Range: up to 1.2 miles (SWS Lightweight)	\$8,567.00	\$8,199.69
259	S90032-V	66-610	SENSOR - Visibility. Measures Visibility, high grade aluminum construction, Design minimizes maintenance, Range: up to 1.2 miles (SWS Lightweight)	\$7,550.00	\$7,226.29
260	S7019	66-610	SENSOR - Ambient Light. Provides ambient light data for the Runway Visual Range (RVR) calculation. Sensor is mounted near, and connected to, any of the visibility sensors. The sensor has a 6° field view and is oriented at 6° above the horizon. Includes heaters for window, hood and electronics.	\$1,976.00	\$1,891.28
261	S7335	66-608	SENSOR - Precipitation Identification. Sensor is used to identify the type of precipitation present. Two photo-detector sensors detect and analyze the measured scintillation produced from falling precipitation. Intensity of the precipitation is also measured.	\$7,437.64	\$7,118.75
262	S1303Z	66-610	SENSOR - Lightning / Thunderstorm. Sensor offers cloud and cloud-to-ground lightning discharge sensing with zero false alarms. Omni-	\$16,536.00	\$15,827.02
263	S1503	66-610	SENSOR - Lightning Detection. (Stromwise) Detects ground strikes up to 300 miles away, Silicon-based radio receiver, Built-in antenna	\$980.00	\$937.98
264	S7471	66-610	SENSOR - Lightning Detection and Display System, The processing and display allows the selection of two ranges: 0—80 Km and 0—400 Km.	\$49,825.00	\$47,688.75
265	S8042	66-610	SENSOR - Lightning / Thunderstorm, for portable applications. Sensor is able to detect thunderstorms and lightning strikes within 0 - 200 nm. Using INTERCEPT® software, the ranges are divided into 0 - 80 and 0 - 200.	\$16,100.00	\$15,409.71
266	S1304Z	66-610	Mast and installation hardware for thunderstorm sensor.	\$659.03	\$630.77
267	1205130042C	66-610	SENSOR - Runway Light Intensity Monitor (RLIM)	\$6,502.05	\$6,223.27
268	1205130042O	66-610	SENSOR - Runway Light Intensity Monitor (RLIM)	\$6,635.65	\$6,351.15
269	S80045	66-610	SENSOR - Runway Light Intensity Monitor (RLIM). Passive with Copper.	\$8,944.00	\$8,560.53
270	S80046	66-610	SENSOR - Runway Light Intensity Monitor (RLIM). Passive with FO.	\$10,942.88	\$10,473.70
271	S7228	66-612	FIELD DATA COLLECTION UNIT (FDCU). Data collection and processing unit based on Coastal's ZENO® 3200 data acquisition system and ZENOSOFT® firmware. The system takes data from all sensors as well as processes a variety of diagnostic input signals. Comes in an aluminum enclosure coated with a baked on thermo-plastic resin. Includes power supplies for system and all sensors and heaters, heater and surge / EMI protection. Enclosure also houses barometers.	\$16,728.67	\$16,011.43
272					
273			GPS		

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	A	B	C	D	E
4	Part No.	SIN	Description	Commercial Price	GSA Price
274	S1516	66-612	SENSOR - GPS, 12 channel GPS receiver and antenna.	\$1,200.00	\$1,148.55
275					
276			TELEMETRY - COMMUNICATIONS		
277	S1064Z	66-612	RADIO - 2 Watt. UHF or VHF Tx: Radio transmitter for sending data to a base station. With antenna and mounting bracket for ZENO® weather stations. 467.9 Frequency	\$1,040.00	\$995.41
278	S1064W	66-612	RADIO - 2 Watt. UHF or VHF Tx: Radio transmitter for sending data to a base station. With antenna and mounting bracket for WEATHERPAK® weather stations.	\$1,040.00	\$995.41
279	S80241	66-612	BASE STATION - 2 Watt Radio Receiver (Tx and Rx). Base Station for Radio S1064	\$1,580.00	\$1,512.26
280	S1278	66-612	BASE STATION - 2 Watt Radio (Tx and Rx). Complete with aluminum case, power supply and antenna.	\$2,517.89	\$2,409.94
281	S4362	66-612	BASE STATION - Portable, with lid. 2 Way, 2 Watt Radio (Tx and Rx). Operating at 400 - 475 MHz. Complete with case, power supply and antenna, with battery and large display (special display programming may be additional charge). VHF 136 - 174 MHz	\$3,787.79	\$3,625.39
282	S1358	66-612	REPEATER - Smart Repeater operates on one frequency with store and forward technology. Includes power supply, enclosure Radio and antenna.	\$4,816.84	\$4,610.32
283	S1566	66-612	Serial / Ethernet Device – Lantronix, UDS type. Includes cable to ZENO® and connectors.	\$523.12	\$500.69
284	S80001	66-612	BLUETOOTH WIRELESS DEVICE - Class 1 Bluetooth Radio, Bluetooth SIG certified 1.1 compliant, External RF antenna connector for flexible and optimal installation, Connect wirelessly to any ZENO® or WEATHERPAK®, Ranges of >100 meters possible , Internal battery, LED status indicators	\$628.00	\$601.07
285	S80133	66-612	Power over Ethernet (PoE) Junction Box - . Includes J-box, KamLock Quick-Release, POE modules, weatherproof connectors. (no cable) (300 ft maximum from PoE power supply)	\$1,283.36	\$1,228.34
286	S80134	66-612	Power over Ethernet Power supply/Switch - For optional use with PoE junction box S80133	\$139.36	\$133.38
287	S80205	66-612	Line Driver - Point-to-Point or Multipoint. This self-powered miniature short range modem requires no AC power. Operating asynchronously or	\$495.00	\$473.78
288			SPREAD SPECTRUM RADIOS AND HIGH SPEED		
289	S3444	66-612	RADIO - Spread Spectrum. For short distances (approx. 2 mile range with Yagi antenna), requiring no license. Installation with power regulator, antenna and mounting bracket.	\$1,210.00	\$1,158.12
290	S1185	66-612	RADIO - Spread Spectrum 1.2 Ghz for communication with Coastal Environmental Systems' weather stations. Installation with power regulator, antenna and mounting bracket.	\$1,527.00	\$1,461.53
291	S3888	66-612	RADIO - Spread Spectrum, Operating at 2.4 Ghz; Installation with power regulator, antenna and mounting bracket.	\$1,527.00	\$1,461.53
292	S1191Z	66-612	RADIO - Spread Spectrum, 900 Mhz, for short distance transmission, with antenna and mounting bracket. (High Gain antenna recommended for long distances). For communication with ZENO® weather stations.	\$1,527.00	\$1,461.53

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	A	B	C	D	E
4	Part No.	SIN	Description	Commercial Price	GSA Price
293	S8933	66-612	RADIO PAIR for wireless communications spread spectrum, either 1.2 or 2.4 Ghz	\$2,800.00	\$2,679.95
294			SPREAD SPECTRUM BASE RADIOS WITH POWER SUPPLIES		
295	S1185-B	66-612	BASE RADIO - Spread Spectrum 1.2 Ghz for communication with Coastal Environmental Systems' weather stations. Installation with power regulator, antenna and mounting bracket. BASE RADIO FOR S1185	\$1,527.00	\$1,461.53
296	S3888-B	66-612	BASE RADIO - Spread Spectrum, Operating at 2.4 Ghz; Installation with power regulator, antenna and mounting bracket. BASE RADIO FOR S3888	\$1,527.00	\$1,461.53
297	S1191Z-B	66-612	BASE RADIO - Spread Spectrum, 900 Mhz, for short distance data transmission, with antenna and mounting bracket. (High Gain antenna recommended for long distances). For communication with ZENO® weather stations. BASE RADIO FOR S1191Z	\$1,527.00	\$1,461.53
298			SPREAD SPECTRUM BASE STATIONS WITH ENCLOSURE, SWITCH, LED, ETC.		
299	S9991Z	66-612	BASE STATION - Spread Spectrum 900 Mhz Radio for communication with ZENO® weather stations. Includes aluminum case with powder coat finish, power supply, antenna and mounting bracket. (Yagi antenna recommended for long distances).	\$3,368.42	\$3,224.00
300	S9985	66-612	BASE STATION - Spread Spectrum, 1.2 Ghz , complete with aluminum case, powder coat finish, power supply and antenna.	\$3,042.11	\$2,911.68
301	S3889	66-612	BASE STATION - Spread Spectrum, 2.4 Base station for communication with remote units. Connects directly to PC Com port. Comes complete with a rack mount enclosure, power supply, antenna, power detect and signal detect lights, handles and top cover with handle for portability.	\$3,435.79	\$3,288.48
302	S3448	66-612	BASE STATION - Spread Spectrum. For short distances (approx. 2 mile range with Yagi antenna), requiring no license. Economically priced. Includes base station enclosure, power supply and cable.	\$3,147.37	\$3,012.43
303	S1409	66-612	BASE STATION: Two-way Radio - for use with Meteorological and Weather Station Communication Applications. Base station for communication with remote units. Connects directly to PC Com Port, 2W. Comes complete with an aluminum case, power supply, antenna, power detect and signal detect lights, handles, and top cover with handle for portability.	\$3,962.95	\$3,793.04
304			SATELLITE COMMUNICATIONS		
305	S1186	66-612	RADIO - HDR GOES Satellite, with uninterruptable power supply, control module, GPS, GPS antenna, testing, power converter and custom output message.	\$4,053.92	\$3,880.11
306	S9186	66-612	RADIO - IRIDIUM Satellite, with uninterruptable power supply, control module, antenna, testing, power converter and custom output message.	\$4,053.92	\$3,880.11
307	S1055	66-612	RADIO - ARGOS Satellite Transmitter, with integration to ZENO® 3200 or WEATHERPAK®. Includes installation, power connector testing and custom output message.	\$4,368.00	\$4,180.72

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	A	B	C	D	E
4	Part No.	SIN	Description	Commercial Price	GSA Price
308	S1187	66-612	RADIO - INMARSAT C, with power converter, installation, testing and custom message output. Supplied with a set of ZENO® 3200 or WEATHERPAK® commands.	\$7,208.84	\$6,899.76
309			ANTENNA AND MISC		
310	S1280	66-612	ANTENNA - Yagi, 8 element, 11 decibel gain for transmitter or receiver, with mounting bracket.	\$246.31	\$235.75
311	S1281	66-612	ANTENNA - Marine grade Yagi, 5 element, 8.5 decibel gain for transmitter or receiver, with mounting bracket.	\$451.03	\$431.69
312	S6454	66-612	ANTENNA - for GOES transmitter.	\$492.63	\$471.51
313	S5700	66-612	ANTENNA - Omni-direction gain antenna for stations in radial or disperse pattern.	\$436.80	\$418.07
314	S7500	66-612	ANTENNA - Omni-direction, high gain antenna for Spread Spectrum stations in radial or disperse pattern.	\$2,627.37	\$2,514.72
315	S6544	66-612	ANTENNA - (Set) of directional antennas for base station.	\$2,791.58	\$2,671.89
316	S9231	66-612	ANTENNA - Yagi antenna for increased distance and smaller beam width.	\$408.00	\$390.51
317	S1347	66-612	FIBER OPTIC - RS-232 pair of transceivers.	\$746.61	\$714.60
318			TELEPHONE AND CELLULAR PHONE (GSM/GPRS)		
319	S4300	66-612	CELLULAR PHONE and MODEM - Digital. Power supply and control, command set for 2 Way communication. For use with ZENO®.	\$1,620.21	\$1,550.74
320	S4003	66-612	CELLULAR PHONE and MODEM - Digital. Power supply and control, command set for 2 Way communication. For use with WEATHERPAK®. Enclosure included	\$2,167.58	\$2,074.65
321	S4330	66-612	MODEM - GPRS (General packet radio service), (S-T)	\$899.00	\$860.46
322	S1053	66-612	MODEM - Telephone, 33,600 baud. For indoor use only.	\$355.79	\$340.54
323	S1052ID	66-612	MODEM - Telephone, high speed, extended temperature rating and extreme low power usage.	\$640.42	\$612.96
324	S1346	66-612	MODEM - Short Haul modem.	\$974.31	\$932.54
325					
326			TOWERS		
327	S1127W	66-610	QUICK RELEASE - Kamloc Quick Release Connection for WEATHERPAK® 2000 Weather Stations. Includes 5 feet of cable. (Connects to any tower or pole).	\$530.95	\$508.19
328	S1515W	66-610	TOWER - 3 Meter Tripod Tower for WEATHERPAK® Weather Stations. Heavy duty aluminum, includes junction box, Kamloc Quick Release, 9 D cell batteries and carrying bag. TRX Tower	\$969.28	\$927.72
329	S1123W	66-610	TOWER - 3 Meter Tower for WEATHERPAK® 2000 Weather Stations. Custom wired.	\$979.79	\$937.78
330	S1508W	66-610	TOWER - 3 Meter Tower for WEATHERPAK® Weather Stations, with Junction Box. For use with an external power source.	\$749.89	\$717.74
331	S1130W	66-610	TOWER - Vehicle Mount for WEATHERPAK® 400 Weather Stations. Includes power supply.	\$563.79	\$539.62

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	A	B	C	D	E
4	Part No.	SIN	Description	Commercial Price	GSA Price
332	S1129H	66-610	VEHICLE ADAPTER, WEATHERPAK® (10 PIN): Kamloc Quick Release With 25 Ft. Cable – Adapter which allows the WEATHERPAK® to be mounted on a vehicle. Terminates in male 1.5” NPT. Additional Cable \$2.30 Per Foot. Special Order... for repair or replacement of older WEATHERPAK® only (S/N 1324 or lower).	\$452.00	\$432.62
333	S80061	66-610	VEHICLE ADAPTER (POWER ONLY) WEATHERPAK® (17 PIN): Kamloc Quick Release With 25 Ft. Cable – Adapter that allows the WEATHERPAK® MTR, TRx or TRx2 (S/N 1325 or higher) to be mounted on a vehicle. Terminates in male 1.5” NPT. Additional Cable \$2.44 Per Foot	\$356.72	\$341.43
334	S1513W	66-610	VEHICLE ADAPTER (POWER & DATA) WEATHERPAK® - (17 PIN): Kamloc Quick Release With 25 Ft. Cable – Adapter which allows the WEATHERPAK® (S/N 1325 or higher) to be used on a vehicle. Terminates in male 1.5” NPT. Additional Cable \$2.30 Per Foot	\$356.72	\$341.43
335	S1194Z	66-610	TOWER - Heavy Duty, 3 Meter Tower for ZENO® 3200 Weather Stations. Includes mounting hardware for ZENO® and wind monitor.	\$567.07	\$542.76
336	S1194ZA	66-610	TOWER - Heavy Duty, 3 Meter Tower for ZENO® 3200 Weather Stations. Includes mounting hardware for ZENO® and agricultural sensors.	\$530.95	\$508.19
337	S1118Z	66-610	TOWER - 10 Meter Tower for ZENO® Weather Stations. Free-standing mounting hardware, base and all other hardware for assembly and ZENO® mounting.	\$1,603.79	\$1,535.03
338	S1118W	66-610	TOWER - 10 Meter Tower for WEATHERPAK® Weather Stations. Free-standing mounting hardware, base and all other hardware for assembly and WEATHERPAK® mounting.	\$1,713.26	\$1,639.80
339	S9101	66-610	TOWER - 10 Foot Tower, for weather stations / meteorological sensors. Freestanding or guyed (optional). Freestanding requires concrete pad (not included). Comes with base for imbedding in concrete.	\$634.95	\$607.73
340	S1127T	66-610	TOWER AVIATION TOWER - All aluminum cross board triangular welded. Stand alone tower that includes aviation painting, warning lights, and base fittings for concrete.	\$4,705.00	\$4,503.27
341	S80220	66-610	TOWER - 10 METER FRANGIBLE AVIATION - This tower includes aviation painting, aviation warning lights, and tower base fittings for concrete base	\$14,400.00	\$13,782.60
342	S80221	66-610	3 METER AVIATION TOWER - This tower is painted and includes aviation warning lights	\$2,450.00	\$2,344.96
343	S1286	66-610	GROUNDING - Lightning Rod and necessary grounding and attachment hardware for a 10 meter tower, for use with meteorological systems and weather stations.	\$435.37	\$416.70
344	S1285	66-610	GROUNDING - Lightning Rod and necessary grounding and attachment hardware for a 3 meter tower, for use with meteorological systems and weather stations.	\$299.00	\$286.18
345	S80230	66-610	Guy wire kit for 3 meter portable tower. For use with meteorological systems and weather station towers.	\$242.42	\$232.03
346	S9103	66-610	Guy wire kit for 10 meter tower. For use with meteorological systems and weather station towers.	\$890.00	\$851.84
347	S1226Z	66-610	TOWER - Anti-climb panels for 10 meter tower. For use with meteorological systems and weather station towers.	\$322.95	\$309.10

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	A	B	C	D	E
4	Part No.	SIN	Description	Commercial Price	GSA Price
348	S1003	66-610	TOWER - Mounting Arm for Solar Radiation Sensor on Tripod.	\$98.53	\$94.31
349	S1373	66-610	TOWER - Mounting Arm for Wind Sensor.	\$98.53	\$94.31
350	S1381	66-610	TOWER - Pole Mount for ZENO® Weather Station Enclosure.	\$158.74	\$151.93
351	S1010W	66-610	TOWER - Mounting Arm for Solar Radiation Sensor with Mil Spec Connector. For use with WEATHERPAK® weather stations.	\$229.89	\$220.03
352	S1387	66-610	TOWER - Mounting Arm, Custom. For meteorological systems and weather stations.	\$120.42	\$115.26
353	S80116	66-610	Side-Mount, Telescoping Mast with Kamlock Quick Release. Installed on the side of a vehicle, raised manually, overall length approx. 90 inches with WEATHERPAK® installed.	\$1,014.00	\$970.52
354	S80126	66-610	Roof-Mount, Collapsible Telescoping Mast with Kamlock Quick Release. Installed on the roof of a vehicle, raised manually, folds to the lock storage position, overall length approx. 90 inches with WEATHERPAK® installed.	\$1,036.88	\$992.42
355					
356			SOLAR		
357	S1049	66-610	SOLAR PANEL - For all Coastal weather stations. 12 VDC, 20 Watt panel with battery.	\$710.00	\$679.56
358	S1050	66-610	SOLAR PANEL - For all Coastal weather stations. 12 VDC, 40 Watt panel with battery.	\$930.00	\$890.13
359	S1050-2	66-610	SOLAR PANEL - For all Coastal weather stations. 12 VDC, two 40 Watt panels with battery.	\$1,178.00	\$1,127.49
360	S1050-4	66-610	SOLAR PANEL - For all Coastal weather stations. 12 VDC, four 40 Watt panels with battery.	\$2,403.00	\$2,299.97
361	S1050-6	66-610	SOLAR PANEL - For all Coastal weather stations. 12 VDC, six 40 Watt panels with battery.	\$4,410.00	\$4,220.92
362	S7588	66-610	POWER - Battery in sealed canister with attachments to recharge weather station battery or connect solar panels. One 80 amp-hour battery.	\$3,722.11	\$3,562.52
363	S9948	66-610	SOLAR PANEL - Marine Grade with Underwater Connector. All Coastal weather stations. 12 VDC, 20 Watt panel with battery.	\$1,209.69	\$1,157.82
364	S9949	66-610	SOLAR PANEL - Marine Grade with Underwater Connector. All Coastal weather stations. 12 VDC, 38 Watt panel with battery.	\$1,973.81	\$1,889.18
365					
366			POWER SUPPLIES AND BATTERIES		
367	S1026	66-610	POWER SUPPLY - 110 VAC, 12 VDC, for use with ZENO® 3200 weather stations. Integration, with battery backup. Includes charger. Most economical power supply option	\$240.84	\$230.51
368	S1046	66-610	POWER SUPPLY - 110 VAC, for use with C-5 SAM™ weather stations.	\$71.16	\$68.11
369	S1411Z	66-610	POWER SUPPLY - 110 VAC, for use with ZENO® 3200 weather stations. For heavy duty applications or for operating heated anemometers.	\$343.75	\$329.01
370	S1045	66-610	POWER SUPPLY - for use with WEATHERPAK® weather stations. Outdoor, with battery backup.	\$525.47	\$502.94
371	S1038	66-610	POWER SUPPLY - 110 VAC, for use with WEATHERPAK® weather stations.	\$93.05	\$89.06
372	S1039	66-610	POWER SUPPLY - 220 VAC, for use with WEATHERPAK® 500 weather stations.	\$114.95	\$110.02
373	S1061	66-610	POWER SUPPLY - 250 VAC, 12 VDC, for use with ZENO® 3200 weather stations. 210 VAC, integration.	\$240.84	\$230.51

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	A	B	C	D	E
4	Part No.	SIN	Description	Commercial Price	GSA Price
374	S1093	66-610	POWER SUPPLY - 120 VAC, for use with Coastal Environmental Systems weather stations. USA and Canada.	\$240.84	\$230.51
375	S1094	66-610	POWER SUPPLY - 120/240V, 2A, No Battery Included, for use with Coastal Environmental Systems weather stations.	\$129.18	\$123.64
376	S1037	66-610	POWER SUPPLY - 12 VDC, for use with all Coastal Environmental Systems weather stations. External, with tower mount.	\$229.89	\$220.03
377	S1246	66-610	BATTERY CHARGER - for use with Coastal Environmental Systems weather stations.	\$114.95	\$110.02
378	S1264	66-610	POWER SUPPLY - BATTERY. Lead Acid, 12 AH - for use with Coastal Environmental Systems weather stations.	\$96.34	\$92.21
379	S1264Z	66-610	POWER SUPPLY - BATTERY. 12 AH, with mount. For use with Coastal Environmental Systems weather stations.	\$107.29	\$102.69
380	S1284	66-610	POWER SUPPLY - 1.5 amp, for use with Coastal Environmental Systems weather stations.	\$197.05	\$188.60
381	S1296	66-610	POWER SUPPLY - 2.5 amp, for use with Coastal Environmental Systems weather stations. USA and Export.	\$205.81	\$196.99
382	S1337	66-610	POWER SUPPLY - 4 amp, for use with Coastal Environmental Systems weather stations. For high current applications (3 or more high current devices).	\$350.31	\$335.29
383	S1380	66-610	BATTERY CHARGER - for use with 4 amp power supply. For Coastal Environmental Systems weather stations.	\$163.11	\$156.12
384	S1070	66-610	POWER SUPPLY - BATTERY. Sealed Lead Acid, 12 VDC, 6.5 AH, for use with ZENO® weather stations.	\$81.01	\$77.54
385	S1336	66-610	POWER SUPPLY - BATTERY. Sealed Lead Acid Gel Cell, 12 VDC, 38 A-hrs, with mount, for use with Coastal Environmental Systems weather	\$180.63	\$172.89
386	S1043	66-610	POWER SUPPLY - BATTERY PACK - for MINIMET® Buoy Weather System, 12 VDC, 80 A-hrs.	\$1,751.58	\$1,676.48
387	S1042	66-610	POWER SUPPLY - BATTERY PACK - for MINIMET® Buoy Weather System, 12 VDC, 180 A-hrs.	\$2,408.42	\$2,305.16
388	S9930	66-610	POWER SUPPLY - BATTERY. Sealed, Rechargeable Lead Acid. Fits inside standard ZENO® weather stations' NEMA 4 enclosure. Will power ZENO® systems for 2 weeks to 2 months, depending on sensors, telemetry type, and sample scheme.	\$158.74	\$151.93
389	S9936	66-610	External Box and Cabling for 38 AH battery - for use with Coastal Environmental Systems weather stations.	\$432.42	\$413.88
390	S80043	66-610	POWER SUPPLY - Power Supply & Charger, power switch, indicator light 110 VAC/15VDC, 1.5A, Can not use with back up battery	\$450.32	\$431.01
391	S80044	66-610	POWER SUPPLY - Power Supply & Charger w/ LVD, power switch, indicator light 110 VAC/15VDC, 1.5A, No battery included	\$663.52	\$635.07
392	S6565	66-610	POWER SUPPLY - for optional AC input to Coastal Environmental Systems weather station. Includes installation in weather station canister, wiring and circuit protection for solar panel. Power supply will charge battery and battery will power system.	\$1,297.26	\$1,241.64
393					
394			SOFTWARE		
395					
396	S8797	66-612	SOFTWARE - Upgrade of ZENOSOFT® Operating System and Server Software to AOS - for compatibility with ceilometer upgrade.	\$9,475.44	\$9,069.18
397	S8799	66-612	SOFTWARE - Upgrade OID to AOS for system compatibility. For meteorological data acquisition system software.	\$2,080.00	\$1,990.82

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4	Part No.	SIN	Description	Commercial Price	GSA Price
398	S1137	66-612	SOFTWARE - INTERCEPT™ Legacy Software. Basic, Single Station, Single User Version. For meteorological data collection, display and forwarding. Windows® based.	\$690.00	\$660.42
399	S1137M	66-612	SOFTWARE - INTERCEPT™ Software. Multiple Station Version - per 5 stations, set-up and test. For meteorological data collection, display and forwarding. Windows® based.	\$1,248.00	\$1,194.49
400	S1138I	66-612	SOFTWARE - INTERCEPT™ Enhanced Software. Enhanced Version with Graphs. For meteorological data collection, display and forwarding.	\$499.20	\$477.80
401	S1140	66-612	SOFTWARE - INTERCEPT™ Software. Editor - for customizing INTERCEPT™ to your specific sensors. For meteorological data collection, display and forwarding. Windows® based.	\$546.00	\$522.59
402	S1341	66-612	SOFTWARE - INTERCEPT™ Software. Network Version - includes 5 User licenses. For meteorological data collection, display and forwarding. Windows® based.	\$4,160.00	\$3,981.64
403	S1342	66-612	SOFTWARE - INTERCEPT™ Software. Client Version. For meteorological data collection, display and forwarding. Windows® based.	\$54.74	\$52.39
404	S80111	66-612	SOFTWARE - INTERCEPT™ Data Collection, Display and Forwarding Software, for meteorological data. Single User Version.	\$608.40	\$582.31
405	S80093	66-612	SOFTWARE - INTERCEPT™ Data Collection, Display and Forwarding Software, for meteorological data. 10 User Version.	\$2,600.00	\$2,488.53
406	S80094	66-612	SOFTWARE - INTERCEPT™ Data Collection, Display and Forwarding Software, for meteorological data. 30 User Version.	\$3,848.00	\$3,683.02
407	S1283	66-612	SOFTWARE - Evapotranspiration Calculation.	\$108.38	\$103.73
408	S1368	66-612	SOFTWARE - Dew Point Calculation. Calculation is made from other parameters.	\$197.05	\$188.60
409	S1330	66-612	FIRMWARE - HYDRO-EXPERT Firmware. Examines data from each and every hydrological sensor in an environmental monitoring system, to	\$497.01	\$475.70
410	S1329	66-612	FIRMWARE - MET-EXPERT Firmware. The ZENO® 3200 environmental data logger examines data from each and every meteorological sensor in an environmental monitoring system, to detect common faults and insure that the sensor is operating within range.	\$497.01	\$475.70
411	S1138	66-612	SOFTWARE - Communication (PC based). For meteorological and environmental monitoring systems.	\$197.05	\$188.60
412	S1028	66-612	SOFTWARE - DOS Terminal Emulation Program. For meteorological and environmental monitoring systems.	\$197.05	\$188.60
413	S9228	66-612	SOFTWARE - CCSAIL, ZENO® 3200 to Host Machine Command Interface Set. For ZENO® meteorological data acquisition systems.	\$530.95	\$508.19
414	S80222	66-612	SOFTWARE - AVIATION INTERCEPT™ WEB BASED Data Collection, Display and Forwarding Software, for Aviation meteorological data. Includes DELL server of latest make and model	\$12,500.00	\$11,964.06
415	S80222-SO	66-612	SOFTWARE - AVIATION INTERCEPT™ WEB BASED Data Collection, Display and Forwarding Software, for Aviation meteorological data.	\$9,500.00	\$9,092.69
416	S80222-XML	66-612	SOFTWARE - AVIATION INTERCEPT™ WEB BASED Data Collection, Display and Forwarding Software, for Aviation meteorological data. Includes DELL server of latest make and model. Includes Customized XML data feed	\$19,500.00	\$18,663.94

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417	S80222-SO-XML	66-612	SOFTWARE - AVIATION INTERCEPT™ WEB BASED Data Collection, Display and Forwarding Software, for Aviation meteorological data. Includes Customized XML data feed	\$16,500.00	\$15,792.56
418					
419			ICE BUOYS		
420	S5984B	66-610	POWER SUPPLY - Alkaline Batteries. Assembled, tested and wired into a diode network, to prevent shorting. For ice buoys.	\$3,322.53	\$3,180.08
421	S4873B	66-612	Staff for temperature shield support. For ice buoys.	\$96.34	\$92.21
422	S4343B	66-612	Ablation shield. For ice buoys.	\$465.26	\$445.31
423	S4624B	66-610	Toolkit - for ice buoy assembly.	\$702.82	\$672.69
424	S4991B	66-610	Packing and shipping crates - for 8 ft ice buoys.	\$312.00	\$298.62
425	S1194I	66-612	TOWER - 3 meter tower for Arctic and Antarctic deployment.	\$9,507.79	\$9,100.14
426	S1044I	66-612	ENCLOSURE - O-Ring sealed, 6061 T-6 aluminum, powder coated enclosure with isolated bolted flange top plate. Comes complete with sealed underwater connectors for Arctic, Antarctic and Ocean deployment.	\$7,652.21	\$7,324.12
427	S90001	66-612	ENCLOSURE - O-Ring sealed, 6061 T-6 aluminum, powder coated enclosure with isolated bolted flange top plate with mounting brackets. Comes complete with sealed underwater connectors for Arctic and Antarctic.	\$10,826.95	\$10,362.74
428					
429			MISCELLANEOUS		
430	S8060	66-612	EXTENDED WARRANTY - Automatic Weather Station Extended Warranty. For Coastal Environmental Systems' Automatic Weather Stations.	\$974.31	\$932.54
431	S9003	66-612	Addition of Communication Port to weather station canister for cable, or Addition of Connector for AC power.	\$541.89	\$518.66
432	S1088	66-610	Junction Box - Standard.	\$436.80	\$418.07
433	S1089	66-610	Junction Box - 2 Sensors, 12 VDC.	\$525.47	\$502.94
434	S1090	66-610	Junction Box - Extended Type I	\$634.95	\$607.73
435	S1091	66-610	Junction Box - Extended Type II	\$744.42	\$712.50
436					
437			CABLES		
438	S1121	66-610	CABLE - WEATHERPAK® Weather Station Test Cable. For communication, test and download "on the bench." Customer supplied 12 VDC battery.	\$229.84	\$219.99
439	S1195	66-610	CABLE - for Wind Monitor Sensor, Standard - per foot. For connection to Coastal Environmental Systems weather stations.	\$3.66	\$3.50
440	S1196	66-610	CABLE - for Relative Humidity and Air Temperature Sensor, Standard - per foot. For connection to Coastal Environmental Systems weather stations.	\$3.66	\$3.50
441	S1198	66-610	CABLE - for Solar Radiation Sensor, Standard - per foot. For connection to Coastal Environmental Systems weather stations.	\$1.58	\$1.52
442	S1199	66-610	CABLE - for Precipitation Sensor, Unheated, Standard - per foot. For connection to Coastal Environmental Systems weather stations.	\$2.88	\$2.76
443	S1200	66-610	CABLE - for Precipitation Sensor, Heated, Standard - per foot. For connection to Coastal Environmental Systems weather stations.	\$3.25	\$3.11
444	S1202	66-610	CABLE - for Soil Moisture Sensor, Standard - per foot. For connection to Coastal Environmental Systems weather stations.	\$2.58	\$2.47

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4	Part No.	SIN	Description	Commercial Price	GSA Price
445	S1210C	66-610	CABLE - for C-5 SAM™ Weather Stations, IBS System, RS-422 interface, Standard - per foot.	\$4.05	\$3.88
446	S1020C	66-610	CABLE - for C-5 SAM™ Weather Stations, Custom, with PVC Jacket. Extra cable between the sensor head and the read-out display. Maximum 300 feet - per foot.	\$4.05	\$3.88
447	S1328	66-610	CABLE - TEFZAL, Jacketed - for Water Level Vented Pressure Sensor - per foot. For connection to Coastal Environmental Systems weather	\$5.78	\$5.53
448	S1021	66-610	CABLE - for WEATHERPAK® 400 VM Weather Stations, Custom - per foot.	\$2.08	\$1.99
449	S1325	66-610	CABLE - for WEATHERPAK® 2000 Weather Stations, Umbilical Cable, 17 Conductor - per foot.	\$4.86	\$4.65
450	S1348	66-610	CABLE - Fiber Optic Cable for Communications - per foot. For use with Coastal Environmental Systems weather stations.	\$3.70	\$3.54
451	S1022-1	66-610	CABLE - Type 1 Cable - per foot. For use with Coastal Environmental Systems weather stations. PVC, up to 6 conductors	\$2.03	\$1.94
452	S1022-2	66-610	CABLE - Type 2 Cable - per foot. For use with Coastal Environmental Systems weather stations. POLY, up to 2 conductors	\$3.05	\$2.92
453	S1022-3	66-610	CABLE - Type 3 Cable - per foot. For use with Coastal Environmental Systems weather stations. POLY, up to 4 conductors	\$4.04	\$3.87
454	S1022-4	66-610	CABLE - Type 4 Cable - per foot. For use with Coastal Environmental Systems weather stations. POLY, up to 6 conductors	\$5.06	\$4.84
455	S1022-5	66-610	CABLE - Type 5 Cable - per foot. For use with Coastal Environmental Systems weather stations. POLY, up to 17 conductors	\$6.01	\$5.75
456	S1122Z	66-610	CABLE - Communications Cable - per 10 ft. For use from ZENO® 3200 Meteorological Data Logger to PC DB9, Standard, with Adapter. DB-9 to DB-9 with a 10 ft, POLY, 6 conductor cable	\$53.45	\$51.16
457	S1021H	66-610	CABLE - for WEATHERPAK® Weather Stations, from Tower to PC or Display - 100 feet.	\$520.00	\$497.71
458	S9002	66-610	CABLE - Communication Cable for WEATHERPAK® Weather Stations, from WEATHERPAK® Canister to Display - 100 feet. Includes underwater connector on one end and display connector on the other.	\$870.31	\$833.00
459					
460			CALIBRATION EQUIPMENT		
461					
462	S2003	66-612	TEST SET - runs Windows® and Windows® NT, for verification of data and display of various systems status, as well as data display.	\$5,911.58	\$5,658.12
463	S6221	66-612	CALIBRATION - Visibility Sensor Calibration Tool.	\$2,408.42	\$2,305.16
464	S6002	66-608	CALIBRATION - Wind Sensor Calibration Tool Set. Motor, vane and speed torque gauges.	\$1,631.16	\$1,561.22
465	S6004	66-608	CALIBRATION - Humidity and Temperature Sensor Calibration Tool. Stand-alone, hand-held.	\$1,036.71	\$992.26
466	S6007	66-612	CALIBRATION - Pressure Sensor Calibration Tool. Hand-held, stand-alone.	\$1,724.21	\$1,650.28
467	S9221	66-612	CALIBRATION - Visibility Sensor Calibration Tool.	\$1,970.53	\$1,886.04

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4	Part No.	SIN	Description	Commercial Price	GSA Price
468	S9004	66-612	CALIBRATION - Temperature Sensor Calibration Tool (also covers Humidity). Hand-held, stand-alone calibration set.	\$1,036.71	\$992.26
469	S9020	66-612	CALIBRATION - Wind Sensor Calibration Tool Set. Speed motor, vane torque, speed torque.	\$1,468.04	\$1,405.10
470					
471			PRODUCT SUPPORT		
472					
473	S7125	66-507	TRAINING - All new hardware and software: OCONUS. Does NOT include travel or per diem.	\$13,799.76	\$13,208.10
474	S7727	66-507	INSTALLATION - Ceilometer: OCONUS. All hardware, firmware and software, integration and test. Does NOT include travel or per diem.	\$14,501.76	\$13,880.00
475	S1363	66-507	INTEGRATION & TEST - of Complete System. Including wiring testing, sensors, testing inputs, programming data logger (ZENO®) and burn in. (For most stations in the range of 5 to 20 thousand dollars).	\$1,153.25	\$1,103.80
476	S5032	66-507	INSTALLATION - Weather Station Installation within Contiguous 48 States. (For most stations in the range of 5 to 20 thousand dollars).	\$5,296.72	\$5,069.62
477	S5033	66-507	INSTALLATION - Weather Station Installation within Alaska or Hawaii. (For most stations in the range of 5 to 20 thousand dollars).	\$6,489.02	\$6,210.80
478	S5034	66-507	INSTALLATION - Weather Station Installation at International Locations. (For most stations in the range of 5 to 20 thousand dollars).	\$6,743.25	\$6,454.13
479	S5304	66-507	INSTALLATION - Receiving Station Installation within Contiguous 48 States. (For most stations in the range of 5 to 20 thousand dollars).	\$3,893.06	\$3,726.15
480	S5035	66-507	INSTALLATION - Receiving Station Installation within Alaska or Hawaii. (For most stations in the range of 5 to 20 thousand dollars).	\$4,839.46	\$4,631.97
481	S5036	66-507	INSTALLATION - Receiving Station Installation at International Locations. (For most stations in the range of 5 to 20 thousand dollars).	\$5,619.58	\$5,378.64
482	S7300	66-507	SUPPORT - Engineering Support Services for product support and development - per hour.	\$174.53	\$167.05
483	S7320	66-507	SUPPORT - Program Support Services for program management - per hour.	\$186.04	\$178.06
484	S7350	66-507	SUPPORT - Installation Support of FMQ-19 or similar weather station - per hour. Does NOT include travel or per diem.	\$129.45	\$123.90
485	S7360	66-507	SUPPORT - Documentation and Testing Support for modified COTS systems - per hour.	\$182.90	\$175.06
486	S7380	66-507	SUPPORT - Production Support for most products - per hour.	\$90.54	\$86.66
487	S3825	66-507	SUPPORT - Technical Application Development Support - per hour.	\$145.60	\$139.36
488	S3826	66-507	SUPPORT - Technical Application Development Support - per day.	\$1,164.80	\$1,114.86
489	S3827	66-507	SUPPORT - Technical Application Development Support - per week.	\$5,546.66	\$5,308.85
490	S3828	66-507	SUPPORT - Technical Application Development Support - per month.	\$22,186.66	\$21,235.41
491	S4710	66-507	TRAINING - On Site Technical Training within Contiguous 48 States - per day. Does NOT include travel - assumes an 8 hour day.	\$1,070.27	\$1,024.38

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492	S4711	66-507	TRAINING - On Site Technical Training within Alaska or Hawaii - per day. Does NOT include travel - assumes an 8 hour day.	\$1,202.47	\$1,150.91
493	S4712	66-507	TRAINING - On Site Technical Training at International Locations - per day. Does NOT include travel - assumes an 8 hour day.	\$1,285.10	\$1,230.00
494	S5900	66-507	SERVICE: Evaluation of Zeno or Weatherpak	\$218.94	\$209.55
495	S5905	66-507	SERVICE: Evaluation of system or weather station	\$279.16	\$267.19
496	S5925	66-507	SERVICE: Service work for hourly repair	\$215.66	\$206.41
497	S8061	66-507	WARRANTY - Extended Warranty for Receiving Station - per year. (For most stations in the range of 5 to 20 thousand dollars).	\$790.40	\$756.51
498					
499			Aviation Weather Stations - Fixed Base Systems (FBS)		
500					
501	S7834C	66-610	TOWER - 3 Meter Height. This tower can support the following sensors: Visibility, Freezing Rain, Precipitation ID, Relative Humidity / Temperature / Dew Point, as well as the main electronics (FDCU). It comes painted 'aviation orange' and has the required aviation lighting. Also includes lightning rod and 3 grounding rods 6 feet long. CONUS	\$1,811.79	\$1,734.11
502	S7834O	66-610	TOWER - 3 Meter Height. This tower can support the following sensors: Visibility, Freezing Rain, Precipitation ID, Relative Humidity / Temperature / Dew Point, as well as the main electronics (FDCU). It comes painted 'aviation orange' and has the required aviation lighting. Also includes lightning rod and 3 grounding rods 6 feet long. OCONUS	\$2,173.05	\$2,079.88
503	S7654C	66-610	TOWER - 10 Meter Height. This tower supports the Wind Monitor. It is a complete tip-over counter-balanced tower that requires no more than 40 lbs of exertion in either direction. It is painted banded orange and white, includes aviation warning lights, lightning rod and 3 six foot grounding rods. CONUS	\$12,828.13	\$12,278.12
504	S7654O	66-610	TOWER - 10 Meter Height. This tower supports the Wind Monitor. It is a complete tip-over counter-balanced tower that requires no more than 40 lbs of exertion in either direction. It is painted banded orange and white, includes aviation warning lights, lightning rod and 3 six foot grounding rods. OCONUS	\$15,824.42	\$15,145.95
505	S7091C	66-608	SENSOR - WIND: RM Young model number 05103. The wind sensor is mounted to the top of the 10 meter tower via a special bracket (included with tower). The sensor includes cabling to the FDCU (about 60 feet). CONUS	\$1,706.69	\$1,633.52
506	S7091O	66-608	SENSOR - WIND: RM Young model number 05103. The wind sensor is mounted to the top of the 10 meter tower via a special bracket (included with tower). The sensor includes cabling to the FDCU (about 60 feet). OCONUS	\$1,706.69	\$1,633.52
507	S7482C	66-608	SENSOR - TEMPERATURE AND DEW POINT: Includes a motor aspirated shield and mounting brackets for the 3 meter tower. Sensor is a capacitive type humidity sensor with a YSI thermistor for temperature. Includes cable to FDCU. CONUS	\$1,748.29	\$1,673.33
508	S7482O	66-608	SENSOR - TEMPERATURE AND DEW POINT: Includes a motor aspirated shield and mounting brackets for the 3 meter tower. Sensor is a capacitive type humidity sensor with a YSI thermistor for temperature. Includes cable to FDCU. OCONUS	\$1,748.29	\$1,673.33

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4	Part No.	SIN	Description	Commercial Price	GSA Price
509	S7360C	66-608	SENSOR - BAROMETRIC PRESSURE: Single sensor. The system is designed for 3 barometric pressure sensors, so you will need 3 each of these. They are located inside the FDCU which is heated at cold temperatures to keep the pressure sensors within specification. Each pressure sensor has its own baffled pressure port to the atmosphere. CONUS	\$1,192.17	\$1,141.06
510	S7360O	66-608	SENSOR - BAROMETRIC PRESSURE: Single sensor. The system is designed for 3 barometric pressure sensors, so you will need 3 each of these. They are located inside the FDCU which is heated at cold temperatures to keep the pressure sensors within specification. Each pressure sensor has it's own baffled pressure port to the atmosphere. OCONUS	\$1,192.17	\$1,141.06
511	S7761C	66-610	SENSOR - VISIBILITY: Forward Scatter type. Scatter angle is 43 degrees. Sensor mounts on 3 meter tower and includes mounting hardware. This sensor is used for both Visibility and Runway Visual Range (RVR). CONUS	\$8,758.99	\$8,383.45
512	S7761O	66-610	SENSOR - VISIBILITY: Forward Scatter type. Scatter angle is 43 degrees. Sensor mounts on 3 meter tower and includes mounting hardware. This sensor is used for both Visibility and Runway Visual Range (RVR). OCONUS	\$8,890.36	\$8,509.19
513	S7019C	66-610	SENSOR - AMBIENT LIGHT. This sensor provides ambient light data for the RVR calculation. It is mounted near and connected to any of the visibility sensors. The sensor has a 6 degree field view and is oriented at 6 degrees above the horizon. Includes heaters for window, hood and electronics. CONUS	\$1,976.00	\$1,891.28
514	S7019O	66-610	SENSOR - AMBIENT LIGHT. This sensor provides ambient light data for the RVR calculation. It is mounted near and connected to any of the visibility sensors. The sensor has a 6 degree field view and is oriented at 6 degrees above the horizon. Includes heaters for window, hood and electronics. OCONUS	\$2,074.53	\$1,985.58
515	S7498C	66-610	SENSOR - CLOUD HEIGHT: 12K feet. Small and compact, this sensor measures up to 3 cloud layers to 12,500 feet. Uses the LIDAR principal. Sensor windows and electronics are heated under appropriate conditions. CONUS	\$25,656.25	\$24,556.24
516	S7498O	66-610	SENSOR - CLOUD HEIGHT: 12K feet. Small and compact, this sensor measures up to 3 cloud layers to 12,500 feet. Uses the LIDAR principal. Sensor windows and electronics are heated under appropriate conditions. OCONUS	\$25,765.73	\$24,661.02
517	S7479C	66-608	SENSOR - PRECIPITATION: 8 inch heated tipping bucket. Sensor is stainless steel with a teflon coating and has two screens to keep out debris. CONUS	\$1,318.06	\$1,261.55
518	S7479O	66-608	SENSOR - PRECIPITATION: 8 inch heated tipping bucket. Sensor is stainless steel with a teflon coating and has two screens to keep out debris. OCONUS	\$1,372.80	\$1,313.94
519	S7338C	66-608	SENSOR - FREEZING RAIN. This sensor detects freezing precipitation by the change in frequency of a vibrating aluminum probe. The sensor also estimates accumulation by triggering a heat/cool cycle when it is determined there is an ice build up on the probe. CONUS	\$11,589.98	\$11,093.06

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4	Part No.	SIN	Description	Commercial Price	GSA Price
520	S7338O	66-608	SENSOR - FREEZING RAIN. This sensor detects freezing precipitation by the change in frequency of a vibrating aluminum probe. The sensor also estimates accumulation by triggering a heat/cool cycle when it is determined there is an ice build up on the probe. OCONUS	\$11,699.45	\$11,197.84
521	S7335C	66-608	SENSOR - PRECIPITATION IDENTIFICATION. This sensor is used to identify the type of precipitation present. Two photo-detector sensors detect and analyze the measured scintillation produced from falling precipitation. Intensity of the precipitation is also measured. CONUS	\$7,437.64	\$7,118.75
522	S7335O	66-608	SENSOR - PRECIPITATION IDENTIFICATION. This sensor is used to identify the type of precipitation present. Two photo-detector sensors detect and analyze the measured scintillation produced from falling precipitation. Intensity of the precipitation is also measured. OCONUS	\$7,547.11	\$7,223.53
523	S7822C	66-610	SENSOR - THUNDERSTORM: detects cloud to ground and cloud to cloud. For cloud to ground it divides the strikes into 3 bins: 1-10, 10-20 and 20-30 miles and 8 direction bins. Sensor uses electrical and photo properties to prevent false positives. CONUS	\$7,679.58	\$7,350.32
524	S7822O	66-610	SENSOR - THUNDERSTORM: detects cloud to ground and cloud to cloud. For cloud to ground it divides the strikes into 3 bins: 1-10, 10-20 and 20-30 miles and 8 direction bins. Sensor uses electrical and photo properties to prevent false positives. OCONUS	\$7,789.05	\$7,455.09
525	S80009	66-610	SENSOR - Runway Light Intensity Monitor. Determines level of luminous intensity of runway lights, Continuously monitors up to 8 individual lighting loops, Self-contained unit	\$7,469.00	\$7,148.77
526	S7228D	66-612	FIELD DATA COLLECTION UNIT (FDCU): this data collection and processing unit is based on Coastal's ZENO® 3200 and ZENOSOFT® firmware. The system takes data from all the sensors as well as processes a variety of diagnostic input signals. Comes in an aluminum enclosure coated with a baked on thermo-plastic resin. Includes power supplies for system and all sensors and heaters, heater and surge / emi protection. Enclosure also houses barometers. CONUS	\$34,567.41	\$33,085.33
527	S7228DO	66-612	FIELD DATA COLLECTION UNIT (FDCU): this data collection and processing unit is based on Coastal's ZENO® 3200 and ZENOSOFT® firmware. The system takes data from all the sensors as well as processes a variety of diagnostic input signals. Comes in an aluminum enclosure coated with a baked on thermo-plastic resin. Includes power supplies for system and all sensors and heaters, heater and surge / emi protection. Enclosure also houses barometers. OCONUS	\$40,972.71	\$39,216.01
528	S7788	66-612	FIELD DATA COLLECTION UNIT (FDCU) Version 2.0 (Light): this data collection and processing unit is based on Coastal's ZENO® 3200 and ZENOSOFT® firmware. The system takes data from all the sensors as well as processes a variety of diagnostic input signals. Comes in an aluminum enclosure coated with a baked on thermo-plastic resin. Includes power supplies for system and all sensors and heaters, heater and surge / emi protection. Enclosure also houses barometers. CONUS	\$20,280.00	\$19,410.50

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4	Part No.	SIN	Description	Commercial Price	GSA Price
529	S7789	66-612	FIELD DATA COLLECTION UNIT (FDCU) Version 2.0 (Light): this data collection and processing unit is based on Coastal's ZENO® 3200 and ZENOSOFT® firmware. The system takes data from all the sensors as well as processes a variety of diagnostic input signals. Comes in an aluminum enclosure coated with a baked on thermo-plastic resin. Includes power supplies for system and all sensors and heaters, heater and surge/emi protection. Enclosure also houses barometers. OCONUS	\$24,440.00	\$23,392.14
530	S7774	66-612	TERMINAL DATA ACQUISITION UNIT (TDAU) Version 2.0. A server completely loaded with Aviation INTERCEPT®, either stand alone or in a rack mount configuration, serves as the central processing and data distribution center. Data is processed through FMH-1 algorithms, ICAO algorithms, or both. Data is then displayed via User Interface and sent to other PC's via one of many communication methods (fiber optic, LAN, RS-232, Ethernet, short haul modems, radio). Options include a UPS, CD R/W, Voice Sub-Processor. CONUS	\$15,873.52	\$15,192.94
531	S7775	66-612	TERMINAL DATA ACQUISITION UNIT (TDAU) Version 2.0. A server completely loaded with Aviation INTERCEPT®, either stand alone or in a rack mount configuration, serves as the central processing and data distribution center. Data is processed through FMH-1 algorithms, ICAO algorithms, or both. Data is then displayed via User Interface and sent to other PC's via one of many communication methods (fiber optic, LAN, RS-232, Ethernet, short haul modems, radio). Options include a UPS, CD R/W, Voice Sub-Processor. OCONUS	\$20,592.00	\$19,709.12
532	S7778	66-612	USER DISPLAY & CONTROL: (control limited by password user group). Consists of a PC and Flat-Panel Display (17 inch). Is used to access and display all data from TDAU Version 2.0. Data transfer is instantaneous and complete. User Interface is intuitive and simple to locate and display critical data. CONUS	\$3,832.40	\$3,668.09
533	S7779	66-612	USER DISPLAY & CONTROL: (control limited by password user group). Consists of a PC and Flat-Panel Display (17 inch). Is used to access and display all data from TDAU Version 2.0. Data transfer is instantaneous and complete. User Interface is intuitive and simple to locate and display critical data. OCONUS	\$4,139.20	\$3,961.73
534	S7433C	66-612	TERMINAL DATA ACQUISITION UNIT (TDAU): A Dell or Compaq server mounted in a 19 inch rack configuration serves as the central processing and data distribution center. Comes with a UPS, Server with CD R/W, patch and distribution panel for OID's, Voice sub-processor and room for the GTA radio. Includes 17 inch flat panel monitor and Aviation Software. CONUS	\$33,196.80	\$31,773.49
535	S7433O	66-612	TERMINAL DATA ACQUISITION UNIT (TDAU): A Dell or Compaq server mounted in a 19 inch rack configuration serves as the central processing and data distribution center. Comes with a UPS, Server with CD R/W, patch and distribution panel for OID's, Voice sub-processor and room for the GTA radio. Includes 17 inch flat panel monitor and Aviation Software. OCONUS	\$33,324.89	\$31,896.09
536	S7436C	66-612	OPERATOR INTERFACE DEVICE (OID): This is a PC client, web browser operator interface. Comes complete with power supply, line driver and 15 inch flat panel display. (10 inch and 10 inch console mount displays also available). CONUS	\$4,139.20	\$3,961.73

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4	Part No.	SIN	Description	Commercial Price	GSA Price
537	S7436O	66-612	OPERATOR INTERFACE DEVICE (OID): This is a PC client, web browser operator interface. Comes complete with power supply, line driver and 15 inch flat panel display. (10 inch and 10 inch console mount displays also available). OCONUS	\$4,249.77	\$4,067.56
538	S7439C	66-610	PRINTER - Dot Matrix Printer: Can print one line at a time and allows reading of data / alarms as they are printed. CONUS	\$990.74	\$948.26
539	S7439O	66-610	PRINTER - Dot Matrix Printer - Can print one line at a time and allows reading of data / alarms as they are printed. OCONUS	\$1,056.42	\$1,011.13
540	S7419C	66-610	UNINTERRUPTABLE POWER SUPPLY for OID - Supplies emergency back-up power to any OID. CONUS	\$195.96	\$187.56
541	S7419O	66-610	UNINTERRUPTABLE POWER SUPPLY for OID - Supplies emergency back-up power to any OID. OCONUS	\$217.85	\$208.51
542	S7009C	66-612	GROUND TO AIR RADIO - 100 duty cycle radio that receives and sends the METAR message to incoming pilots. The message is cycled with a brief pause. Mounts in the TDAU rack and comes complete with antenna and cable. CONUS	\$17,718.31	\$16,958.64
543	S7009O	66-612	GROUND TO AIR RADIO - 100 duty cycle radio that receives and sends the METAR message to incoming pilots. The message is cycled with a brief pause. Mounts in the TDAU rack and comes complete with antenna and cable. OCONUS	\$17,827.79	\$17,063.42
544	S7111C	66-507	SITE SURVEY - Coastal will travel to your CONUS site and perform a survey locating the site of install and performing a survey for the correct altitude. Includes travel and per diem for CONUS sites.	\$21,836.71	\$20,900.46
545	S7111O	66-507	SITE SURVEY - Coastal will travel to your OCONUS site and perform a survey locating the site of install and performing a survey for the correct altitude. Includes travel and per diem for OCONUS sites.	\$24,026.19	\$22,996.07
546	S7115C	66-507	ON-SITE TRAINING - One of our experienced trainers will come to your site after installation and train up to 5 students on the operation and maintenance of your new system. CONUS	\$10,883.87	\$10,417.22
547	S7115O	66-507	ON-SITE TRAINING - One of our experienced trainers will come to your site after installation and train up to 5 students on the operation and maintenance of your new system. OCONUS	\$13,942.57	\$13,344.78
548	S7717	66-507	INSTALLATION - Two experienced technicians will come to your site to install your new OS-21 Light System. Civil work is expected to be finished and all Comm lines checked and certified upon their arrival (this speeds the work greatly). Installation includes one sensor set, TDAU Version 2.0 and one other User Work Station. (3.5 days) CONUS	\$13,416.00	\$12,840.79
549	S7741	66-507	ON-SITE TRAINING - One of our experienced trainers will come to your site after installation and train up to 5 students (2.5 days) on the operation and maintenance of your new system (OS-21 Light or smaller). CONUS	\$6,448.00	\$6,171.54
550	S74842	66-610	TDAU change from copper to single-mode fiber- Includes Card Rack, FO Line Driver, 115V w/Power Supply, testing and documentation update	\$1,806.31	\$1,728.86
551	S74830	66-610	OID change from copper to single-mode fiber - Includes Card Rock, fo Line Driver, 115V w/Power Supply, testing and documentation update.	\$3,381.64	\$3,236.65
552	S74822	66-610	FDCU change from copper to single-mode fiber - Include Line Driver, FO, SM, 1310nm, Rack Card, 3 cables, line driver, bracket, feed thru, testing and documentation update.	\$3,402.44	\$3,256.56

COASTAL ENVIRONMENTAL SYSTEMS, INC.
820 1st Ave South, Seattle, WA 98134

	A	B	C	D	E
4	Part No.	SIN	Description	Commercial Price	GSA Price
553	S78105	66-610	RLIM change from copper to single mode fiber - Line Driver, FO, SM, 1310nm, Rack Card, 3 cables, line driver, bracket, feed thru, testing and documentation update.	\$3,381.64	\$3,236.65
554					
555			Aviation Weather Stations - Fixed Base Systems (FBS) - Support Equipment		
556					
557	S4217C	66-608	Vane Angle Fixture Tower Mount for wind monitor testing. CONUS	\$351.77	\$336.69
558	S4217O	66-608	Vane Angle Fixture Tower Mount for wind monitor testing. OCONUS	\$409.82	\$392.25
559	S4218C	66-608	Propeller Torque Disc. CONUS	\$81.28	\$77.80
560	S4218O	66-608	Propeller Torque Disc. OCONUS	\$101.00	\$96.67
561	S4219C	66-608	Vane Angle Torque Gauge. CONUS	\$165.31	\$158.22
562	S4219O	66-608	Vane Angle Torque Gauge. OCONUS	\$184.59	\$176.68
563	S4220C	66-608	Anemometer Drive for wind monitor testing. CONUS	\$1,062.29	\$1,016.74
564	S4420O	66-608	Anemometer Drive for wind monitor testing. OCONUS	\$1,097.12	\$1,050.08
565	S4221C	66-610	Test Set - Visibility Sensor. CONUS	\$1,353.68	\$1,295.64
566	S4221O	66-610	Test Set - Visibility Sensor. OCONUS	\$1,440.76	\$1,378.99
567	S1461C	66-608	Temperature/Humidity Indicator. CONUS	\$801.07	\$766.72
568	S1461O	66-608	Temperature/Humidity Indicator. OCONUS	\$828.93	\$793.39
569	S4222C	66-612	Test set - with terminal emulator. CONUS	\$3,552.57	\$3,400.25
570	S4222O	66-612	Test set - with terminal emulator. OCONUS	\$3,610.62	\$3,455.81
571	S4223C	66-612	Cable - DB-9M to DB-9F, test cable. CONUS	\$35.99	\$34.45
572	S4223O	66-612	Cable - DB-9M to DB-9F, test cable. OCONUS	\$59.23	\$56.69
573	S4224C	66-612	Tone and Probe Kit. CONUS	\$210.19	\$201.18
574	S4224O	66-612	Tone and Probe Kit. OCONUS	\$228.72	\$218.91
575	S4225C	66-612	Protractor, Bevel. CONUS	\$160.21	\$153.34
576	S4225O	66-612	Protractor, Bevel. OCONUS	\$176.47	\$168.90
577	S4226C	66-612	Screwdriver - Torx, 6-point T10. CONUS	\$11.62	\$11.12
578	S4226O	66-612	Screwdriver - Torx, 6-point T10. OCONUS	\$17.42	\$16.67
579	S4227C	66-608	Cable - Wind Monitor Test. CONUS	\$492.63	\$471.51
580	S4227O	66-608	Cable - Wind Monitor Test. OCONUS	\$516.71	\$494.56
581	S4228C	66-612	Barometer - Digital with power cable. CONUS	\$3,486.74	\$3,337.25
582	S4228O	66-612	Barometer - Digital with power cable. OCONUS	\$3,514.11	\$3,363.44
583	S4229C	66-610	Safety harness for met. tower. CONUS	\$475.11	\$454.74
584	S4229O	66-610	Safety harness for met. tower. OCONUS	\$504.67	\$483.03
585	S4230C	66-610	Adjustable lanyard for met. tower. CONUS	\$200.89	\$192.28
586	S4230O	66-610	Adjustable lanyard for met. tower. OCONUS	\$230.99	\$221.09
587	S4231C	66-610	Vertical safety climbing sleeve for met. tower. CONUS	\$503.86	\$482.26
588	S4231O	66-610	Vertical safety climbing sleeve for met. tower. OCONUS	\$546.82	\$523.38
589	S4232C	66-612	OSI Field Calibration Kit. CONUS	\$2,795.96	\$2,676.08
590	S4232O	66-612	OSI Field Calibration Kit. OCONUS	\$2,872.59	\$2,749.43
591					
592			CIVIL WORKS		
593					
594	S4233C	66-507	Cut and re-surface concrete roadway (assumes 4" paving, 11' roadway). CONUS	\$3,512.48	\$3,361.88
595	S4233O	66-507	Cut and re-surface concrete roadway (assumes 4" paving, 11' roadway). OCONUS	\$5,246.58	\$5,021.63

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	A	B	C	D	E
4	Part No.	SIN	Description	Commercial Price	GSA Price
596	S4234C	66-507	Additional trench depth , 100 foot units (assumes additional 1-foot depth beyond Baseline). CONUS	\$413.44	\$395.71
597	S4234O	66-507	Additional trench depth , 100 foot units (assumes additional 1-foot depth beyond Baseline). OCONUS	\$609.10	\$582.98
598	S4235C	66-507	Export old fill and import new fill (cost per cubic yard). CONUS	\$262.04	\$250.81
599	S4235O	66-507	Export old fill and import new fill (cost per cubic yard). OCONUS	\$391.31	\$374.53
600	S4236C	66-507	Cut and patch asphalt paving (cost per square yard). CONUS	\$750.01	\$717.85
601	S4236O	66-507	Cut and patch asphalt paving (cost per square yard). OCONUS	\$1,036.51	\$992.07
602	S4237C	66-612	5 KVA step down transformer (for power runs between 500 feet and 1,000 feet). CONUS	\$7,758.66	\$7,426.01
603	S4237O	66-612	5 KVA step down transformer (for power runs between 500 feet and 1,000 feet). OCONUS	\$12,099.17	\$11,580.42
604	S4238C	66-507	Core drilling below grade into existing vault, handhole. CONUS	\$1,276.41	\$1,221.68
605	S4238O	66-507	Core drilling below grade into existing vault, handhole. OCONUS	\$1,913.46	\$1,831.42
606	S4239C	66-612	Handhole (BES C9E electrical box or equivalent). CONUS	\$1,833.10	\$1,754.51
607	S4239O	66-612	Handhole (BES C9E electrical box or equivalent). OCONUS	\$2,837.00	\$2,715.36
608	S4249C	66-612	Active runway detection switch (includes engineering solution for each AFB). CONUS	\$2,786.92	\$2,667.43
609	S4249O	66-612	Active runway detection switch (includes engineering solution for each AFB). OCONUS	\$2,932.50	\$2,806.77
610	S80091	66-507	Site Preparation for AWOS system. CONUS	\$21,675.68	\$20,746.34
611	S80092	66-507	Site Preparation for AWOS system. OCONUS	\$29,338.40	\$28,080.52
612	S80033	66-507	Trenching - 2 deep with Comm cable 0-150 ft run - normal soil	\$3,224.00	\$3,085.77
613	S80036	66-507	Trenching - 2 deep with Power cable 0-150 ft run - normal soil	\$3,224.00	\$3,085.77
614	S7912	66-507	Repair - of Thin Client, OID Computer	\$814.32	\$779.41
615	S7914	66-507	Repair - of Field Data Collection Unit (FDCU) with Barometers	\$8,937.76	\$8,554.55
616	S7916	66-507	Repair - of Field Data Collection Unit (FDCU) without Barometers	\$6,750.64	\$6,461.21
617	S7918	66-507	Repair - of Sensor, Visibility with Ambient Light	\$3,875.04	\$3,708.90
618	S7919	66-507	Repair - of Sensor, Visibility without Ambient Light	\$3,875.04	\$3,708.90
619	S7920	66-507	Repair - of Sensor, Freezing Rain Detector	\$8,715.20	\$8,341.54
620	S7922	66-507	Repair - of Sensor, Lightning	\$6,082.96	\$5,822.15
621	S7924	66-507	Repair - of Runway Light Intensity Monitor (RLIM)	\$2,795.52	\$2,675.66
622	S7926	66-507	Repair - of Assy, Sensor, Precipitation ID	\$4,183.92	\$4,004.53