Wisconsin Department of Transportation

Traffic Incident Management Enhancement (TIME)

TIME PROCUREMENT LIST

Updated: July 13, 2011



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The purpose of the Traffic Incident Management Enhancement (TIME) Procurement List is to take advantage of WisDOT's ability to procure traffic control equipment at a quantity discount. The Department's incident response partners can thereby purchase these items at the quantity discount rate. The TIME Procurement List was developed to support the recommendations set forth in WisDOT's Emergency Traffic Control and Scene Management Guidelines.

TIME Procurement List Bid Award Contract

Contract Numbers: 406819 - 406826, 406889

Eight vendors were selected to provide the items on the TIME Procurement List:

- Eastern Metal/USA Sign: 406819 (Steve Zimar) 800-872-7446, <u>szimar@usa-sign.com</u>
- General Communications: 406822 (Steve Miller) 608-310-7102, <u>smiller@gencomm.com</u>
- Interstate All Battery Center: 406824 (Alec Newman) 608-836-8500, <u>capcitybattery@tds.net</u>
- Legacy Distribution Co. LLC: 406825 (Joyce Walasek) 715-661-1673, <u>bjwalasek@charter.net</u>
- Reis Environmental: 406823 (Tim Hoffmann) 314-426-5600, <u>t.hoffmann@reisenv.com</u> Invoice Contact: Marcia Comstock <u>m.comstock@wisesafetyenv.com</u>
- Signs and Safety (S & S) Equipment: 406820 (Kevin Harrison) 607-562-8463, <u>signsafe@stny.rr.com</u>
- Traffic and Parking Control Co. (TAPCO) 406821 (Scott Plouff), 262-814-7328, <u>scott@tapconet.com</u> 406889 (John Kugel), 262-814-7000, johnk@tapconet.com (Collapsible Traffic Cones Only)
- Ver-Mac Inc.: 406826 (Kimberly Jack) 418-654-1303, <u>kim.jack@ver-mac.com</u>

Agencies that would like to purchase items from the procurement list should contact the appropriate vendor directly using the contact list above.

Questions/Concerns

If you have any questions or have any trouble ordering items from the TIME Procurement List, please contact the State TIM Engineer at (414) 227-2166 or email <u>timeprogram@dot.wi.gov</u>.

TRAFFIC INCIDENT MANAGEMENT ENHANCEMENT PROCUREMENT LIST ITEM SUMMARY

	Eastern Metal/USA Sign	General Communications	Interstate All Battery Center	Legacy Distribution Co. LLC	Reis Environmental	Signs and Safety Equipment	TAPCO	Ver-Mac Inc.
TRAFFIC CONTROL ANI	D WOR	K ZONE	E PROD	UCTS				
VEHICLE-MOUNTED ARROW BOARDS							Х	Х
WORK AREA SOLAR ADVANCE WARNING BOARDS							Х	Х
ARROW STICKS		Х					Х	
TRUCK MOUNTED ATTENUATOR							Х	
TRUCK MOUNTED MESSAGE BOARDS							Х	Х
BARRICADES							Х	
VERTICAL PANELS							Х	
BARRICADE/DRUM LIGHTS						Х	Х	
TRAFFIC CONES					Х	Х	Х	
COLLAPSIBLE TRAFFIC CONES							Х	
DRUMS							Х	
DRUM WARNING LIGHTS							Х	
CHANNELIZER CONES/POSTS							Х	
RED RETROREFLECTIVE FLAGS						Х	Х	
ROAD FLARES						Х	Х	
PERSONAL SA	FEIYF	RODU	CIS					
					X		Х	
PANTS				Х	Х			
PERSONAL PROTECTION BEACONS							Х	
VESTS (CLASS II)				Х				
VESTS (CLASS III)				Х				
RAIN JACKETS/PARKA				Х	Х		Х	
WINDBREAKERS					Х			
WINTER (BOMBER) JACKETS				Х	Х			
VEHICLE CONSPICUITY TAPE					Х	Х	Х	

TRAFFIC INCIDENT MANAGEMENT ENHANCEMENT PROCUREMENT LIST ITEM SUMMARY

	Eastern Metal/USA Sign	General Communications	Interstate All Battery Center	Legacy Distribution Co. LLC	Reis Environmental	Signs and Safety Equipment	TAPCO	Ver-Mac Inc.
TRA	FFIC SI	GNS	1	n	r			
REFLECTIVE PRISMATIC SHEETING							Х	
DETOUR SIGNS							Х	
ROLL-UP SIGNS & STAND	Х							
ROLL-UP SIGN SYSTEMS							Х	
ROLL-UP SIGN SPRING STANDS				Х		Х	Х	
SLOW/STOP PADDLES						Х	Х	
	OTHER							
BATTERIES			Х					

TRAFFIC CONTROL AND WORK ZONE PRODUCTS

The following sections provide a description and current prices for the items available under the eight contracts discussed above.

1. ARROW BOARDS AND ARROW STICKS

VEHICLE-MOUNTED ARROW BOARDS

Vehicle-mounted arrow boards have a heavy gauge aluminum alloy panel with flat black enamel finish. Boards are available with 15 or 25 LED bulbs. The boards can run on a battery or 12 volt system and the control console circuitry is housed in a compact cabinet which mounts in the cab of the vehicle for easy operation. The applicable matching control panel, mounting brackets and as semblies for the bed rail rack mounting option are included in this bid price. Other mounting options, which are available for an additional fee, include tailgate mount, manual tilt, power tilt, bed floor rack, and bulk head rack mounting.

All boards meet Federal Part VI of MUTCD requirements for arrow panels. Boards are visible for one mile and, at a minimum, 18 degrees horizontal angle and 8 degrees vertical angle. The bulbs are sealed beam type lamps with yellow lenses or amber bulbs behind clear lenses and are equipped with an upper hood that surrounds not less than 180 degrees of the lamp.

The arrow functions are:

- Tri-function
- Sequential
- Flashing

The mode selections are:

- Both arrows simultaneously
- 4-corner flashing
- Sequential chevron
- Caution

Signs are available in the following sizes:

- 24" x 48" (15 lights)
- 30" x 60" (15 or 25 lights)
- 36" x 72" (15 or 25 lights)
- 48" x 96" (15 or 25 lights)

		Vehicle-Mounted Arrow Boards						
	Ver-Mac Inc. TAPCO							
Туре	Size	Manufacturer Name/Number	12V system - Cost (Each) with Bed Rail Mounting Kit	Manufacturer Name/Number	12V system - Cost (Each) with Bed Rail Mounting Kit	Battery - Cost (Each) with Bed Rail Mounting Kit		
	24" x 48"	-	-	TRAFCON MB1-15	\$2,194.00	-		
15	30" x 60"	Ver-Mac VM-3060115L4	\$1,495.00	-	-	-		
Bulbs	36" x 72"	Ver-Mac VM-367215L4	\$1,545.00	TRAFCON	-	\$3,300.00		
	48" x 96"	Ver-Mac VM-4896L4	\$1,695.00	TRAFCON	-	\$3,685.00		
	30" x 60"	Ver-Mac VM-306025L4	\$1,895.00	-	-	-		
25 Bulbs	36" x 72"	Ver-Mac VM-367225L4	\$1,945.00	TRAFCON	-	\$3,680.00		
	48" x 96"	Ver-Mac VM-4825L	\$2,095.00	TRAFCON	-	\$4,350.00		

		Vehicle-Mounted Arrow Board Mounting Options (Sign Not Included)					
		Ver-Mac Inc. TAPCO					
	Туре	Manufacturer Name/Number	Mounting	Manufacturer Name/Number	Mounting		
			Systems		Systems		
	Tailgate Mount	Ver-Mac	\$165.00	TRAFCON	\$600.00		
Cost	Manual Tilt	Ver-Mac	\$195.00	TRAFCON	\$700.00		
(Each)	Power Tilt	Ver-Mac	\$495.00	TRAFCON	\$1,075.00		
by Type	Bed Floor Rack	Ver-Mac	\$295.00	TRAFCON	\$565.00		
	Bulk Head Rack	Ver-Mac	\$295.00	TRAFCON	\$560.00		

WORK AREA SOLAR ADVANCE WARNING BOARDS

Solar panels are all aluminum and are mounted to a heavy-duty, welded steel construction open deck stable trailer. Amber lamps have an automatic intensity control to ensure maximum visibility. Signs come equipped with 4-D deep-cycle batteries (L-16 battery). Signs are equipped with an on-board 24-amp or 30 -amp battery c harger unless priced separately below. S tandard m odels have 24 de gree horizontal x 8 degree vertical angularity. Wide angle models have a 33 d egree horizontal x 11 degree vertical angularity. Signs can come with 15 or 25 lights and both models are 48" x 96".

The arrow functions are:

- Right or Left arrow
- Both arrows simultaneously
- 4-corner flashing
- Sequential arrows or chevrons

			Work Area Solar Advance Warning Boards							
			N	/er-Mac Inc).		TAPCO			
Vertica	al Angularity	Standard with 30- Amp Charger	Standard without Charger	Wide with 30-Amp Charger	Wide without Charger	30-Amp Battery Charger	Standard with 24-Amp Charger	24-Amp Battery Charger		
	Manufacturer Name/Number	-	Ver-Mac ST-4815	Ver-Mac ST-4815	Ver-Mac ST-4815	lota 30 amp	Workarea	Workarea		
	15 bulbs	-	\$3,995.00	\$4,290.00	\$3,995.00	\$300.00	\$4,950.00	\$130.00		
(Each) by Type	Manufacturer Name/Number	Ver-Mac ST-4825/C	Ver-Mac ST-4825	Ver-Mac ST-4825	Ver-Mac ST-4825	lota 30 amp	-	-		
	25 bulbs	\$4,790.00	\$4,495.00	\$4,790.00	\$4,495.00	\$300.00	-	-		

ARROW STICKS

Traffic indicator bars/arrow sticks are available with either Halogen or LED lights and are encased in heavy gauge aluminum with a non-reflective matte black finished panel. Bulbs are sealed beam type lamps with yellow lenses or amber bulbs behind clear lenses and are equipped with an upper hood that surrounds not less than 180 degrees of the lamp. The indicators are available in a solid box or split box. Flashing modes for the solid model are left or right arrow, double arrow and caution bar. Flashing modes for split model are left or right arrow and double arrow caution. Solid arrow sticks are a minimum of 54" in length and 13" in height; there is a minimum of 10 lights. Split arrow sticks are a minimum of 22" in length and 16" in height per side; a minimum of 5 lights are in each side. Arrow sticks are visible for a minimum of one-half mile and are also visible at a minimum 18 degrees horizontal angle and 8 degrees v ertical an gle, measured from a pl ane per pendicular t o t he a rrow boar d. Arrow s ticks are

powered by a c ircuit t hat c onnects t o a 12V v ehicle el ectrical s ystem. A pplicable c ontrol panel , mounting brackets and assemblies will be included. An optional magnetic mounting kit is also available.

			Arrow Sticks						
			General Communications	TAF	ооо				
		Туре	Halogen	LED	Magnetic Mounting Kit				
		Manufacturer Name/Number	Whelen TA1664H	North American	North American				
Cost	12V	Full	\$315.00	\$460.00	\$74.00				
(Each)	Circuit	Manufacturer Name/Number	Whelen TA1664H	North American	North American				
		Split	\$335.00	\$480.00	\$148.00				

2. TRUCK MOUNTED ATTENUATOR

The Truck Mounted Attenuator (TMA) is tested for minimum speeds of 60-mph. TMAs are used for protecting county highway department personnel and equipment and the general public from injury and damage caused when errant vehicles crash into highway department equipment that is used in state highway maintenance operations.

TMAs meet NCHRP Report 350, test level 3 criteria and are able to withstand damage and remain in service without repairs after incurring a collision on the rear of the TMA from a vehicle traveling not more than 5 mph, weighing up to 4,400 pounds. TMAs minimize, upon impact, the acceleration and roll ahead distance of a stationary TMA support truck weighing no more than 22,000 lbs (actual weight). After an impact, the TMA is completely self-contained (no exposed parts) and retains its structure with no solid debris present from the system that can create a hazard on the roadway. The TMA is capable of t ilting a m inimum of 5 deg rees from the h orizontal. R efurbishment is possible with hand t ools. Welding to the truck must be done by, or under the direction of, a certified welder.

The maximum width of the TMA shall be 7' 9" and the maximum height from the ground shall be 45". The TMA shall be no more than 19' 3" in length and shall weigh no more than 2,650 pounds.

	Truck Mounted Attenuator					
	TAPCO					
	Manufacturer Name/Number	Truck Mounted Attenuator				
Cost (Each)	Energy Absorption Safestop 180	\$19,900.00				

3. TRUCK MOUNTED MESSAGE BOARDS

Truck mounted message boards allow for a high degree of portability for incident management. Multiphase message boards are programmable to show text and arrows. Boards are designed to be powered off of a 12V DC vehicle electrical system. Boards are made of steel and aluminum or all aluminum with a black finish. The board face is made of polycarbonate. All boards are wind tested.

LEDs are amber in color and self contained in a sealed LED unit. All LEDs are high density, have adjustable brightness and have a viewing angle of 15 degrees. There are 4 LEDs per pixel and LEDs work in temperatures from -40° to 140° F. The message display is full matrix. Variable width and height fonts are compliant with MUTCD guidelines.

A handheld controller, allowing operating from within the vehicle, is provided with each message board. Owners are able to create, edit and display messages and the unit is able to store up to 99 unique sequences.

Boards are visible from a minimum of one-half (1/2) mile; boards are also visible at a minimum of an 18 degree horizontal angle and 8 degree vertical angle, both measured from a plane perpendicular to the arrow board plane. A flexible rail mounting system, developed to fit any vehicle type and size, comes with the message boards. Other mounting options, which are available for an additional fee, are identified below.

			Truck Mounted Message Boards				
		TAP	CO	Ver-Ma	ac Inc.		
Size		Manufacturer Name/Number	Message Boards	Manufacturer Name/Number	Message Boards		
	36" x 72"	AMISG 232	\$8,500.00	-	-		
Cost	42" x 75"	-	-	Ver-Mac TM-548	\$6,995.00		
(Each)	48" x 72"	AMISG 465	\$9,000.00	-	-		
	48" x 96"	AMISG 432	\$10,000.00	-	-		

		Truck Mounted Message Board Mounting Options (Board Not Included)						
		TAPCO)	Ver-Ma	c Inc.			
	Туре	Manufacturer Name/Number	Mounting Systems					
	Tailgate Mount	AMISG	\$350.00	Ver-Mac	\$165.00			
Cost	Manual Tilt	AMISG	\$350.00	Ver-Mac	\$195.00			
(Each) by	Power Tilt	AMISG	\$450.00	Ver-Mac	\$495.00			
Туре	Bed Floor Rack	AMISG	\$700.00	Ver-Mac	\$295.00			
- 764	Bulk Head Rack	AMISG	\$350.00	Ver-Mac	\$295.00			

4. BARRICADES AND LIGHTS

BARRICADES

Reflective sheeting is adhered to all barricades. Barricade reflective sheeting is designed specifically for use on rigid traffic control devices; conform to type H reflective sheeting, ASTM D4956 Type III or IV, class I or better; and received a good or better rating in 1-year NTPEP tests for shrinkage, cracking, blistering, colorfastness, reflectivity, adhes ion and i mpact resistance. B arricades al so conform to the crashworthiness criteria of NCHRP Report 350, test level 3.

Barricades are constructed of wood boards with angle iron legs, plastic boards with angle iron legs or 100% low density polyethylene. Barricades have a top rail that is punched to accept and support a barricade light. Stripe widths are 4" (only for use when permitted by MUTCD) or 6". Sheeting is high intensity grade (meets ASTM D4956 spec type II, class I), high intensity grade prismatic (meets both ASTM D4956 Type III and Type IV specifications), diamond grade (exceeds ASTM D4956 spec type IX standards), or diamond grade fluorescent.

Type I

- 36" Height minimum
- Minimum rail length of 24"
- Width of rail: 8" minimum to 12" maximum
- 2 reflectorized faces

Type II:

- 36" height minimum
- Minimum rail length of 24"
- Width of rail: 8" minimum to 12" maximum
- 2 reflectorized faces
- Minimum 270 square inches of reflective area

Type III:

- 48", 60", 72",96" or 120" long panels
- Must be 96" if no sign attached
- Minimum 48" long if sign is attached
- Panels must be at least 8" high
- Sheeting is provided on both sides

			Barricades - Wood with Angle Iron Legs						
				TAPC	0				
	Tuno	Type I	Type II	1	Гуре III <i>(b</i> a	ased on p	anel leng	th)	
	Туре	36 inch	36 inch	48 inch	60 inch	72 inch	96 inch	120 inch	
Manufa	cturer	Bent	Bent	Bent	Bent	Bent	Bent	Bent	
Name/N	umber	BP1080624H-1UG	BPL080824H-1UG	X2HRL	X2HRL	X2HRL	X2HRL	X2HRL	
	1-19	\$28.55	\$35.55	\$107.55	\$119.30	\$132.80	\$159.35	\$265.00	
Cost	20-199	\$28.55	\$35.55	\$107.55	\$119.30	\$132.80	\$159.35	\$265.00	
(Each) by	200-399	\$27.95	\$34.80	\$105.40	\$116.90	\$130.15	\$156.15	\$259.70	
Quantity	400-999	\$27.95	\$34.80	\$105.40	\$116.90	\$130.15	\$156.15	\$259.70	
	1000+	\$27.95	\$34.80	\$105.40	\$116.90	\$130.15	\$156.15	\$259.70	

			Barricades - Plastic with Angle Iron Legs						
				Т	APCO				
	Туро	Type I	Type II		Type III <i>(b</i>	ased on p	anel lengt	h)	
	Туре					72 inch	96 inch	120 inch	
Manufac	Manufacturer Name		Bent	Bent	Bent	Bent	Bent	Bent	
	1-19	\$32.45	\$41.20	\$114.85	\$129.50	\$144.20	\$173.55	\$196.50	
Cost	20-199	\$32.45	\$41.20	\$114.85	\$129.50	\$144.20	\$173.55	\$196.50	
(Each) by	200-399	\$31.80	\$40.35	\$112.55	\$129.50	\$144.20	\$173.55	\$196.50	
Quantity	400-999	\$31.80	\$40.35	\$112.55	\$126.95	\$141.25	\$170.05	\$192.70	
	1000+	\$31.80	\$40.35	\$112.55	\$126.95	\$141.25	\$170.05	\$192.70	

		Barricades - 100% Low Density Polyethylene				
		TAPCO				
	Type	Туре І	Type II			
	Туре	36 inch	36 inch			
Manufact	urer Name	Bent	Bent			
	1-19	\$43.05	\$51.05			
Cost	20-199	\$43.05	\$51.05			
(Each) by	200-399	\$43.05	\$51.05			
Quantity	400-999	\$42.20	\$50.05			
	1000+	\$42.20	\$50.05			

VERTICAL PANELS

Vertical Panel sheeting is 8 inches wide and either 24 or 36 inches tall. Sheeting is high intensity grade. Base is included and made of rubber. Panels fold flat, are stackable and have an easy grip handle.

			Vertical Panels with Base						
			TAF	0 0 °					
	Tuna	24"	Tall	36"	Tall				
	Туре	20 lb Base	30 lb Base	20 lb Base	30 lb Base				
Manufa Name/N		Plasticade 4100-24-H-P	Plasticade 4100-24-H-P	Plasticade	Plasticade				
	1-19	\$34.40	\$39.15	\$38.60	\$43.30				
Cost	20-199	\$34.40	\$39.15	\$38.60	\$43.30				
(Each) By	200-399	\$32.55	\$37.25	\$37.65	\$41.45				
Quantity	400-999	\$32.55	\$37.25	\$37.65	\$41.45				
	1000 +	\$30.65	\$35.40	\$34.85	\$39.55				

		Vertical Panels without Base					
		TAF	000				
	Туре	24" Tall 36" Tall					
Manufacturer Name/Number		Plasticade	Plasticade 4100-36-H-P				
	1-19	\$20.70	\$24.90				
Cost (Fosh) Du	20-199	\$20.70	\$24.90				
Cost (Each) By Quantity	200-399	\$19.80	\$23.95				
Quantity	400-999	\$19.80	\$23.95				
	1000 +	\$18.85	\$23.00				

		Vertical Panel Bases				
		TAPCO				
	Туре	20 Pound	30 Pound			
Manufacturer Name/Number		Plasticade 480-B-20R	Plasticade 480-B-30R			
	1-19	\$13.70	\$18.45			
Ocat (Each) Du	20-199	\$13.70	\$18.45			
Cost (Each) By Quantity	200-399	\$12.80	\$17.50			
Quantity	400-999	\$12.80	\$17.50			
	1000 +	\$11.85	\$16.55			

BARRICADE/DRUM LIGHTS

Lenses ar e constructed o f tough pol ycarbonate and t he c ase i s made o f hi gh i mpact resistant polycarbonate. Net weight is less than 2 pounds. Lights are tested in temperatures ranging from -40°F to 175°F. Lights modes are flashing, steady burn or both with a three-way switch and ar e available in 3V, 6V or 12V with an optional photocell. Some lights are also available with a LED circuit. Lens color is amber with other options available as well. Lights are used with most drums.

		Barricade/Drum Lights - Flasher					
			TAPCO		S &S Equ	uipment	
	Type/Quantity		ot Included	LED Circuits	Batteries Not Included	LED Circuits	
		6V	12V	3V	6V	6V	
Cost (Each) by	Manufacturer Name/Number	EMPCO 400 LED	EMPCO Incandescent 400 APC	EMPCO 2006	03-6- 3WAY6V AIP	03-10- 3WAYDONF	
Quantity	1-19	\$19.15	\$15.25	\$19.15	\$11.10	\$11.70	
	20 +	\$18.15	\$14.25	\$18.15	\$11.10	\$11.70	

			Barricade/Drum Lights - Flasher with Photocell					
			TAPCO		S & S Equipment			
	Type/Quantity		Not Included	LED Circuits	Batteries Included	LED Circuits		
		6V	12V	6V	6V	6V		
Cost (Each)	Manufacturer Name/Number	EMPCO 400 LED	EMPCO Incandescent 400 APC	EMPCO 2006	03-6-3WAY6V	03-10-3WAY DC		
by	1-19	\$19.15	\$15.25	\$19.15	\$11.22	\$11.70		
Quantity	20 +	\$18.15	\$14.25	\$18.15	\$11.22	\$11.70		

		Barri	Barricade/Drum Lights - Steadiburn with Photocell					
				TAPCO				
	Type/Quantity	Batteries Included	Batteries	s Not Included	LED C	ircuits		
		6V	6V	12V	3V	6V		
Cost (Each)	Manufacturer Name/Number	EMPCO 400 LED	EMPCO 400 LED	EMPCO Incandescent 400 APC	EMPCO 2006	EMPCO 400 LED		
by	1-19	\$23.05	\$19.15	\$15.25	\$19.15	\$19.15		
Quantity	20 +	\$22.05	\$18.15	\$14.25	\$18.15	\$18.15		

		Barricade/Drum Lights - Flasher/Steadiburn with Photocell								
			ТАРСО							
	Type/Quantity	Batteries Included	Batteries Not Included	LED C	ircuits					
	Type/Quantity	6V	6V	3V	6V					
Cost	Manufacturer	EMPCO	EMPCO	EMPCO	EMPCO					
(Each)	Name/Number	400 LED	400 LED	2006	400 LED					
by	1-19	\$23.05	\$19.15	\$19.15	\$19.15					
Quantity	20 +	\$22.05	\$18.15	\$18.15	\$18.15					

5. TRAFFIC CONES

All traffic cones meet the crashworthy requirements of NCHRP-350. All cones include high intensity grade reflective sheeting bands (which meet ASTM D4956 Spec Type III, Class 1) at 6" and 4" wide with the first band 3 -4" from the top of the cone as specified by the MUTCD. Cones are stackable. Cones have a mounting hole at the top for a light and/or sign.

- **28**" and **36**" **Cones** cones are made of low density polyethylene material and have a weight of 7, 8 or 10 pounds.
- **42**" **Grabber Style Cones with Handles** cones are made of a I ow dens ity po lyethylene material and have a handle or notch to grab onto at the top of the cone. Bases have a weight of 11, 15, 16, or 30 pounds.

					Traffic C	Cones		
			TAPCO		S	& S Equip	ment	Reis Environmental
	Туре		Cones	36" Cones	28" C	Cones	36" Cones	36" Cones
	,	7 lb	10 lb	10 lb	7 lb	10 lb	10 lb	8 lb
	lanufacturer Lakeside ame/Number 2850-7-MM		Lakeside 2850-10-MM	Lakeside 3650-10-MM	JBC 28PO64	JBC 28POH64	JBC 28POH64	Jackson Safety 3004218
	Each	\$13.50	\$16.00	\$16.15	-	-	-	-
Cost	20-199	\$13.50	\$16.00	\$16.15	-	-	-	-
(Each) by	200-399	\$13.50	\$16.00	\$16.15	-	-	-	\$18.68
Quantity	400-999	-	-	-	\$11.86	\$14.71	\$18.68	-
	1000 +	-	-	-	\$11.86	\$14.71	\$18.68	-

			Traffic Co	ones - 42" Grabber S	style
				TAPCO	
	Туре	11 lb	15 lb	16 lb	30 lb
Manufacturer Name/Number		Bent	Bent	Lakeside 4249-16	Lakeside 4249-30
	Each	\$23.65	\$26.30	\$22.10	\$27.75
Cost (Each)	20-199	\$23.65	\$25.30	\$22.10	\$27.75
Cost (Each) by Quantity	200-399	\$23.65	\$25.30	\$22.10	\$27.75
by Quantity	400-999	\$22.20	\$24.80	\$22.10	\$27.75
	1000 +	\$22.20	\$24.80	\$20.80	\$26.10

6. COLLAPSIBLE TRAFFIC CONES

Collapsible traffic cones meet the crashworthy requirements of NCHRP-350. All cones include high intensity grade reflective sheeting bands (which meet ASTM D4956 Spec Type III, Class 1) at 6" and 4" wide with the first band 3-4" from the top of the cone as specified by the MUTCD.

Cones are approximately 4" tall when collapsed and 28" tall when expanded to the full height. The cone is made of a durable and flexible orange mesh material. The base is made of rubber, weighs 5 pounds and the dimensions are 12" by 12". The entire cone, including the base, is constructed of entirely water resistant materials.

Cones are available with or without a carrying case and the carrying case can be purchased separately. The carrying case is made of nylon/mesh.

Please note that as this product is under a separate contract additional shipping and handling charges may be applied. Please contact the vendor directly for information on shipping and handling charges.

			Collapsible ⁻	Traffic Cones					
		TAPCO - Contract #406889							
-	Туре	Individual	4 Pack Collapsible	4 Pack Collapsible	Carrying Case for 4				
	туре	Collapsible Cone	Cones (no case)	Cones (with case)	Collapsible Cones				
Manufactu	urer	Traffix Devices	Traffix Devices	Traffix Devices	Traffix Devices				
Name/Num	nber	21164-SC5	21464-SCT5	21464-SCTC	21004-T				
Cost (Each)		\$31.70	\$119.35	\$149.85	\$39.70				

7. DRUMS

Drums are certified to meet the crashworthy requirements of NCHRP 350 and the MUTCD. Reflective sheeting conforms to type H and hav e a good or better rating in 1-year NTPEP tests for shrinkage, cracking, blistering, colorfastness, reflectivity, adhesion, flexibility and impact resistance. Drums are designed to inhibit roll after impact and have a rounded top to inhibit the buildup of any dan gerous materials. Drum handles have holes for mounting one or two lights with standard size bolt and bolt protector. Drums are made of a high density polyethylene and are available with no base, with a tire ring, with a plastic base (to use with sandbags), with a hollow plastic base (to be filled with sand) or with a 25, 30, or 40 lb. rubber base, and drums are to be filled with sand bags.

Drums have either 4" or 6" high intensity retroreflective bands in the following grades:

- High Intensity Grade (Meets ASTM D4956 Spec Type III, Class 1)
- High Intensity Grade Prismatic (Meets both ASTM D4956 Spec Type III and IV specifications)
- Diamond Grade (Exceeds ASTM D4956 Spec Type IX standards)
- Diamond Grade Fluorescent

					Drums - Hi	gh Intensi	ity Grade/H	igh Intensity Gra	de Prismat	ic
	1						TAP	0		
		Quant.	Base	None	Tire	Plastic	Hollow	Rubber	Rubber	Rubber
		QL	Bands		Ring		Plastic	25 lb.	30 lb.	40 lb.
ng		anufao me/Nu	cturer umber	Bent	Lakeside 4644/4634	Bent	Bent	Lakeside 4644/4634-25	Bent	Lakeside 4644/4634
eeti		1-19	4"	\$43.15	\$45.00	\$49.30	\$54.70	\$58.60	\$63.85	\$63.75
She		+	6"	\$54.35	\$55.75	\$59.75	\$65.15	\$66.40	\$74.30	\$71.60
and	de	20- 199	4"	\$43.15	\$45.00	\$49.30	\$54.70	\$58.60	\$63.88	\$63.75
ity :	Grad	20- 199	6"	\$54.35	\$55.75	\$59.75	\$65.15	\$66.40	\$74.30	\$71.60
lant	High Intensity Grade	-0- 09	4"	\$43.05	\$45.00	\$48.30	\$53.60	\$58.60	\$62.60	\$63.75
/ QI	ens	200- 399	6"	\$53.25	\$55.75	\$58.55	\$63.85	\$66.40	\$72.80	\$71.60
(d (n	Int	-0	4"	\$43.05	\$44.15	\$48.30	\$53.60	\$55.15	\$62.60	\$60.00
ach	ligh	400- 999	6"	\$53.25	\$52.50	\$58.55	\$63.85	\$62.50	\$72.80	\$67.35
Cost (Each) by Quantity and Sheeting	-	+ 00	4"	\$43.05	\$43.60	\$48.30	\$53.60	\$53.25	\$62.60	\$57.95
ŏ		1000	6"	\$53.25	\$50.70	\$58.55	\$63.85	\$60.35	\$72.80	\$65.10
ng		Manufacturer Name/Number		Bent	Lakeside 4604/4694	Bent	Bent	Lakeside 4604/ 4694-25	Bent	Lakeside 4604/4694-40
eetii		19	4"	\$43.15	\$47.40	\$49.30	\$54.70	\$58.00	\$63.85	\$63.20
She	atic	1-1	6"	\$54.35	\$54.90	\$59.75	\$65.15	\$65.50	\$74.30	\$70.70
and	ism	20- 199	4"	\$43.15	\$47.40	\$49.30	\$54.70	\$58.00	\$63.88	\$63.20
tity	Grade Prismatic	2(15	6"	\$54.35	\$54.90	\$59.75	\$65.15	\$65.50	\$74.30	\$70.70
lant	rad€	-0- 99	4"	\$43.05	\$47.40	\$48.30	\$53.60	\$58.00	\$62.60	\$63.20
ر مر	y Gi	200- 399	6"	\$53.25	\$54.90	\$58.55	\$63.85	\$65.50	\$72.80	\$70.70
iq (u	nsit	-0-66	4"	\$43.05	\$44.60	\$48.30	\$53.60	\$54.60	\$62.60	\$59.50
Each	ntei	400- 999	6"	\$53.25	\$51.80	\$58.55	\$63.85	\$61.75	\$72.80	\$66.55
Cost (Each) by Quantity and Sheeting	High Intensity	+ 0	4"	\$43.05	\$43.10	\$48.30	\$53.60	\$52.75	\$62.60	\$57.45
ŭ	Ŧ	1000	6"	\$53.25	\$50.00	\$58.55	\$63.85	\$59.55	\$72.80	\$64.30

					Drums	- Diamon	d Grade/Dia	amond Grade Flu	orescent	
							TAP			
		Quant.	Base	None	Tire Ring	Plastic	Hollow Plastic	Rubber 25 lb.	Rubber 30 lb.	Rubber 40 lb.
		Ø	Bands						••••••	
bu		anufa me/N	cturer umber	Bent	Bent	Bent	Bent	Bent	Bent	Bent
eeti		1-19	4"	\$60.35	\$66.05	\$65.75	\$71.15	\$77.30	\$80.30	\$86.95
Sh		÷	6"	\$78.70	\$84.40	\$84.10	\$89.50	\$95.65	\$98.65	\$105.30
and		20- 199	4"	\$60.35	\$66.05	\$65.75	\$71.15	\$77.30	\$80.30	\$86.95
tity	ade	16 26	6"	\$78.70	\$84.40	\$84.10	\$89.50	\$95.65	\$98.65	\$105.30
uan	Gra	႕ စ	4"	\$59.15	\$64.70	\$64.40	\$69.70	\$75.95	\$78.70	\$85.20
v Ø	Diamond Grade	200- 399	6"	\$77.15	\$82.70	\$82.40	\$87.70	\$93.75	\$96.70	\$103.20
q (u		400- 999	4"	\$59.15	\$64.70	\$64.40	\$69.70	\$75.95	\$78.70	\$85.20
Eacl	Ō	40 99	6"	\$77.15	\$82.70	\$82.40	\$87.70	\$93.75	\$96.70	\$103.20
Cost (Each) by Quantity and Sheeting		+ 0	4"	\$59.15	\$64.70	\$64.40	\$69.70	\$75.95	\$78.70	\$85.20
Ŭ		1000	6"	\$77.15	\$82.70	\$82.40	\$87.70	\$93.75	\$96.70	\$103.20
ing		Manufacturer Name/Number		Bent	Lakeside 4664-25 4654-tire	Bent	Bent	Lakeside 4664-25 4654- 25	Bent	Lakeside 4664-40 4654-40
leet		1-19	4"	\$60.35	\$61.75	\$65.75	\$71.15	\$72.35	\$80.30	\$77.55
d Sh	ŧ	÷	6"	\$78.70	\$75.80	\$84.10	\$89.50	\$86.40	\$98.65	\$91.60
ano	ace	20- 199	4"	\$60.35	\$61.75	\$65.75	\$71.15	\$72.35	\$80.30	\$77.55
ntity	ure	13	6"	\$78.70	\$75.80	\$84.10	\$89.50	\$86.40	\$98.65	\$91.60
uar	Flo	200- 399	4"	\$59.15	\$61.75	\$64.40	\$69.70	\$72.35	\$78.70	\$77.55
y G	ade	30 30	6"	\$77.15	\$75.80	\$82.40	\$87.70	\$86.40	\$96.70	\$91.60
ch) t	J G	400- 999	4"	\$59.15	\$58.15	\$64.40	\$69.70	\$68.15	\$78.70	\$73.00
Eac	ouc	40 95	6"	\$77.15	\$71.35	\$82.40	\$87.70	\$81.27	\$96.70	\$86.25
Cost (Each) by Quantity and Sheeting	Diamond Grade Floureacent	+ 0	4"	\$59.15	\$56.10	\$64.40	\$69.70	\$65.80	\$78.70	\$70.50
0		1000 +	6"	\$77.15	\$68.95	\$82.40	\$87.70	\$78.55	\$96.70	\$83.25

8. DRUM WARNING LIGHTS

Drum lights conform to NCHRP Report 350, test level 3. Drum lights are Combination (flashing and steady burn). The power source is 6V battery or 4 D-type batteries. Lights have a photocell.

		Drum	n Warning Lights
			ТАРСО
	Battery	6V	4 D-type
Manufacturer Name	e/Number	EMPCO 400 LED	Sundowner LED Jackson Safety
Cost (Each) by	1-19	\$19.15	\$15.25
Quantity	20 +	\$19.15	\$14.25

9. CHANNELIZER CONES/POSTS

The cones/posts satisfy all standards outlined in MUTCD and NCHRP Report 350 for channelizing devices. Cones/Posts are available at 48" high. A rubber base is attached to the cone/post and is either 16 lb or 30 lb. There is a handle at the top that allows users to pick up the cone/post and allows for mounting of lights and signs. The reflective sheeting is on a 5 tier design and available in high intensity grade and diamond grade. Cones/posts are also available with no reflective sheeting. Cones/posts are telescoping.

				Channelizer	Cones/Posts			
				TAF	20 0			
	Sheeting	No	None High Intensity Grade			Diamond Grade		
	Rubber Base	16 lb.	30 lb.	16 lb.	30 lb.	16 lb.	30 lb.	
Cost	Manufacturer Name/Number	Plasticade 650RI-0	Plasticade 650RI-0	Plasticade 650RI-0-6HI	Plasticade 650RI-06HI	Plasticade 650RI-06-DG	Plasticade 650RI-06-DG	
(Each)	1-199	\$24.40	\$29.95	\$36.10	\$42.70	\$44.80	\$51.35	
by Quantity	200-499	\$22.15	\$27.45	\$33.60	\$40.20	\$42.30	\$48.85	
	500 +	\$19.15	\$24.65	\$31.90	\$37.35	\$40.50	\$46.00	

10. RED RETROREFLECTIVE FLAGS

Flags are 18" x 18" or 24" x 24" bright red/orange, and ar e made of polyester, vinyl-coated nylon or long-wearing knitted vinyl. Flags come fasted to a rigid handle 24", 30" or 36" in length. The free edge of the flag is weighted.

		Red R	etroreflective Fla	ags - 18" x 18'	,,		
		TAPCO		S & S Equipment			
Туре	24" Handle	30" Handle	36" Handle	24" Handle	30" Handle	36" Handle	
Manufacturer Name/Number	Jackson Safety 3006201	Jackson Safety 3001743	Jackson Safety 3006202	118/24RR	118/30RR	118/36RR	
Cost (Each)	-	-	-	\$23.50	\$23.75	\$24.00	
Cost for Each Case of 50	\$176.25	\$184.40	\$191.90	-	-	-	

		Red Retro	oreflective Flags -	- 24" x 24"		
	TAF	00	S & S Equipment			
Туре	30" Handle	36" Handle	24" Handle	30" Handle	36" Handle	
Manufacturer Name/Number	Jackson Safety 3006203	Jackson Safety 3006204	124/24RR	124/30RR	124/36RR	
Cost (Each)	-	-	\$39.00	\$39.25	\$39.50	
Cost for Each Case of 50	\$215.65	\$231.90	\$1,900.00	-	-	

11. ROAD FLARES

Road flares conform to Underwriters Labor atory UL912 and D OT and ICC specifications. Flares are coated in protective wax and have a lifetime limited warranty. Burn time is approximately 30 minutes or longer. Flares come with a wire stand or without a stand.

LED flares have a minimum crush resistance of 20,000 pounds. LED flares are rechargeable and the charger comes with each flare. Rechargeable battery life lasts a minimum of 10 hours between charges. LED flares are available in red and amber.

			Road Fla	ires
		S & S Eq	uipment	ТАРСО
	Туре	Road Flares - No Stand	Road Flares - Stand	LED Flares – Rechargeable
Manufacturer Name/Number		Orion 0730	Orion 9340	Roadside Safety DURO Flare
Cost	Each	\$1.89	\$2.08	\$180.00
Cost	1-19	\$68.18	\$74.99	-
(Case of	20-49	\$57.95	\$61.47	-
36) by	50-99	\$53.81	\$59.19	-
Quantity	100 +	\$50.05	\$55.04	-
Cost	1-19	\$136.36	\$149.98	-
(Case of	20-49	\$115.90	\$122.94	-
72) by	50-99	\$107.62	\$118.38	-
Quantity	100 +	\$100.10	\$100.08	-

12. BARRICADE TAPE

Tape is made of a non-adhesive polyethylene material and is applicable for both indoor and outdoor use. Barricade tape is available in yellow or red with reflective or non-reflective text. Non-reflective text is all black. Reflective text is either all black or alternate between black and silver. Each roll of tape is 3" wide and 1000 feet in length. Wording options are CAUTION, DANGER, POLICE LINE and RESTRICTED AREA.

					Barricade Ta	аре	
		Туре	Quantity	Caution	Danger	Police Line	Restricted Area
	APCO	Manufacturer Name/Number		PRESCO	PRESCO	PRESCO	PRESCO
	ТАР	Yellow or Red Reflective	Each	\$9.30	\$9.30	\$9.30	\$9.30
Cost per Quantity	Reis Environmental	Manufactu Name/Num		Harris Industries BT-OSAL	Harris Industries BTYSAL	Harris Industries BT2BAL	Harris Industries BT5BAL
by Type		Yellow Non- Reflective	Each	\$5.52	\$5.52	\$5.81	\$5.81
		Manufactu Name/Num		Harris Industries ZBT-OSAL	Harris Industries ZBTYSAL	Harris Industries ZBT2BAL	Harris Industries ZBT5BAL
		Red Non- Reflective	Each	\$7.56	\$7.56	\$7.56	\$7.56

13. PANTS

Pants are Class E ANSI/ISEA 107-2004 compliant. The material is waterproof polyurethane coated 200-210 denier nylon or a polyester/mesh. Reflective bands are 3M Scotchlite reflective 9710 or 8725 or comparable. Pants are visible from a minimum distance of 1,000 feet. Each pant leg has elastic at the waist and an kles and a minimum of 2" wide silver reflective tape for high visibility. Pants are available in multiple material types and colors as outlined in the table below.

		Pants									
		Re	is Environmental								
	Material	Color	Manufacturer Name/Number	Size	Price						
		Yellow or Orange	OccuNomix LUX-TENR	S – XL	\$15.87						
	Polyester/Mesh	Yellow or Orange	OccuNomix LUX-TENR	2X	\$17.64						
		Yellow or Orange	OccuNomix LUX-TENR	3X	\$19.84						
Cost		Yellow or Orange	OccuNomix LUX-TENR	4X	\$22.67						
(Each)		Lime/Yellow	OccuNomix LUX-TEM	S – XL	\$15.87						
	Polyurothono	Lime/Yellow	OccuNomix LUX-TEM	2X	\$17.64						
	Polyurethane	Lime/Yellow	OccuNomix LUX-TEM	3X	\$19.84						
		Lime/Yellow	OccuNomix LUX-TEM	4X	\$22.67						

	Pants							
	Legacy Distribution Co. LLC							
	Material Color Manufacturer Pa							
	Polyester/Mesh	Fluorescent Orange	Legacy P1200	\$15.16				
Cost (Each)		Fluorescent Yellow	Legacy P1100	\$15.16				
	Polyurethane	Fluorescent Orange	Legacy P1500	\$16.81				

14. PERSONAL PROTECTION BEACONS

All per sonal protection beacons come with a LE D bulb and hav e a 3 -way s witch for steady burn, flashing or off functions. All beacons are visible for up to one mile at night.

Arm/ankle bands require 2032 lithium watch battery which is sold separately unless otherwise stated. Bands are shock proof and weather resistant. Bands are available in red, white and amber. Bands are in regular size (10"-15") or large size (13"-22").

LED batons weigh no more than 0.5 pounds each. Batons are available in green, red, blue or yellow. An optional baton stand is available

LED safety lights have an adjustable strap or belt holster. The mounting bracket is detachable but provides easy attachment to clothing, belts or equipment. The light requires 2-AAA batteries which are not included. LED safety lights are shock proof and weather resistant. Lights are available in red or amber.

		Personal Protection Beacons								
			ТАРСО							
	Color	Manufacturer Name/Number	Arm/Ankle Band	Manufacturer Name/Number	LED Baton	Manufacturer Name/Number	LED Safety Light			
	Red	Polybright	\$5.75	Polybright	\$12.50	Contour Tek	\$12.90			
	White	Polybright	\$5.75	-	-	-	-			
Cost (Each)	Amber/ Yellow	Polybright	\$5.75	Polybright	\$12.50	Contour Tek	\$12.90			
(Each)	Green	-	-	Polybright	\$12.50	-	-			
	Blue	-	-	Polybright	\$12.50	-	-			
	Baton Stand	-	-	Polybright	\$3.95	-	-			

15. VESTS (CLASS II)

Class II Vests meet either ANSI/ISEA Class II 107-2004 or ANSI/ISEA Class II 207-2006. Refer to ANSI Standard 107-2004 or ANSI Standard 207-2006 for vest dimensions and specifications.

- Class II 107-2004 vests <u>with or without</u> messages are available as a tear away and are available in sizes: Medium to 5-XL
- Class II 207-2006 vests <u>with messages are tear away and are available in sizes: Medium to 5-</u>
 XL

See sizing chart below for approximate chest and length sizes. *Each chest size may be a few inches smaller*.

	Size	Chest	Length	Arm Hole	Side Vent Width
	Small	36"-38"	24"	28"	5"
	Med	40"-42"	26"	28"	5"
	Large	44"-46"	27"	28"	5"
Sizing	XL	48"-50"	27"	28"	6"
	2-XL	52"-54"	28"	28"	6"
	3-XL	56"-58"	29"	28"	6"
	4-XL	60"-62"	29"	-	-
	5-XL	64"-66"	30"	-	-

			Vests (Class II)							
			Legacy Distribution Co. LLC							
	Туре	107-2004	107-2004 Tear Away	107-2004	107-2004 Tear Away	207-2006 Tear Away				
	Message	Message		No N	lessage	Message				
Manufacturer Name/Number		Legacy V11	Legacy V33	Legacy V11	Legacy V33	Legacy V-PSV				
	Medium	\$15.50	\$11.33	\$12.50	\$8.33	\$14.00				
	Large	\$15.50	\$11.33	\$12.50	\$8.33	\$14.00				
Cost	X-Large	\$15.50	\$11.33	\$12.50	\$8.33	\$14.00				
(Each) by	2X-Large	\$15.50	\$11.33	\$12.50	\$8.33	\$14.00				
Size	3X-Large	\$15.50	\$11.33	\$12.50	\$8.33	\$14.00				
	4X-Large	\$15.50	\$11.33	\$12.50	\$8.33	\$14.00				
	5X-Large	\$15.50	\$11.33	\$12.50	\$8.33	\$14.00				

16. VESTS (CLASS III)

Class III vests meet ANSI/ISEA Class III 107-2004 standards.

Class III vests are available with or without a message on the back in sizes Medium to 2-XL. Sizing charts and additional specifications as listed in Section 14 Vests (Class II) are applicable.

		Vests (Class III)							
			Legacy Distribution Co. LLC						
	Туре	Manufacturer Name/Number							
	Medium	Legacy V22 M/L	\$14.50	Legacy V22 M/L	\$11.50				
Cost (Each)	Large	Legacy V22 L/XL	\$14.50	Legacy V22 L/XL	\$11.50				
by Size	X-Large	Legacy V22 L/XL	\$14.50	Legacy V22 L/XL	\$11.50				
	2X-Large	Legacy V22 2X/3X	\$14.50	Legacy V22 2X/3X	\$11.50				

17. RAIN JACKETS/PARKAS

Rain jackets/parkas are compliant with ANSI 107-2004 Class III specifications. Jacket color is a combination of orange and lime. Jacket is coated with weather resistant polyurethane. The hood is zip off or zip out with a drawstring; zip out hoods are contained in the collar. There is also a drawstring on the bottom of the jacket. Jackets have an inner liner and there are multiple pockets.

Rain jackets/parkas are available in sizes Medium to 5-XL. Sizing charts and additional specifications are listed in Section 14 Vests (Class II).

		Class III Rain Jackets/Parkas						
		Reis Environ	mental	Legacy Distribution Co. LLC				
	Туре	Manufacturer Name	Zip Out Hood	Manufacturer Name/Number	Zip Out Hood			
	Medium	OCCU NOMIX LUX-TJR	\$35.40	-	-			
	Large	OCCU NOMIX LUX	\$35.40	-	-			
Cost	X-Large	OCCU NOMIX LUX	\$35.40	-	-			
(Each)	2X-Large	OCCU NOMIX LUX	\$39.34	-	-			
by Size	3X-Large	OCCU NOMIX LUX-TJR	\$44.26	-	-			
	4X-Large	-	-	Legacy J5200	\$47.78			
	5X-Large	-	-	Legacy J5200	\$47.78			

The Lakeland brand rain jackets/parkas come with a removable black water-repellant heavy polar fleece liner. This liner, once removed, is not ANSI compliant.

		Class III Rain Jackets/Parkas with Removable Fleece Liner					
		TAPCO					
	Туре	Manufacturer Name	Zip Off Hood				
	Medium	Lakeland	\$125.00				
	Large	Lakeland	\$125.00				
Cost	X-Large	Lakeland	\$125.00				
(Each)	2X-Large	Lakeland	\$134.00				
by Size	3X-Large	Lakeland	\$148.00				
	4X-Large	Lakeland	\$159.00				
	5X-Large	Lakeland	\$175.00				

18. WINDBREAKERS

Windbreakers are compliant with ANSI 107-2004 Class III specifications. Jacket color is a combination of orange and lime. Jacket is coated with weather resistant polyurethane. The hood is zip off or zip out with a drawstring; zip out hoods are contained in the collar. There is also a drawstring on the bottom of the jacket. Jackets have an inner liner and there are multiple pockets.

Windbreakers are available in sizes Medium to 5-XL. Sizing charts and additional specifications are listed in Section 14 Vests (Class II).

		Windbreakers							
			Reis Environmental						
	Туре	Manufacturer Name/Number							
	Medium	Legacy J6200	\$32.86	OCCU NOMIX LUX-WB	\$45.17				
	Large	Legacy J6200	\$32.86	OCCU NOMIX LUX-WB	\$45.17				
Cost	X-Large	Legacy J6200	\$32.86	OCCU NOMIX LUX-WB	\$45.17				
(Each) by	2X-Large	Legacy J6200	\$32.86	OCCU NOMIX LUX-WB	\$50.19				
Size	3X-Large	Legacy J6200	\$32.86	OCCU NOMIX LUX-WB	\$56.46				
	4X-Large	Legacy J6200	\$32.86	OCCU NOMIX LUX-WB	\$64.90				
	5X-Large	Legacy J6200	\$32.86	OCCU NOMIX LUX-WB	\$89.72				

19. WINTER (BOMBER) JACKETS

Winter (bomber) jackets are compliant with ANSI 107-2004 Class III specifications. Jacket color is a combination of orange and lime. Jacket is coated with weather resistant polyurethane. The hood is zip out with a drawstring and is contained in the collar. Jackets have multiple pockets. Winter (bomber) jackets have an inner liner; liner may or may not be removable. Removable liner can be worn alone and are compliant with ANSI 107-2004 Class II or Class III specifications.

Winter (bomber) jackets are available in sizes Medium to 5-XL. Sizing charts and additional specifications are listed in Section 14 Vests (Class II).

		W	Winter (Bomber) Jackets						
		Legacy Distribu	tion Co. Inc.	Reis Environmental					
	Туре	Class III Removable Liner	Non-Removable Liner	Non-Removable Liner					
Manufacturer Name/Number		Legacy J4211	Legacy J3201	OCCU NOMIX LUX					
	Medium	\$76.30	-	\$27.90					
	Large	\$76.30	-	\$27.90					
Cost	X-Large	\$76.30	-	\$27.90					
(Each)	2X-Large	\$76.30	-	\$31.01					
by Size	3X-Large	\$76.30	-	\$39.88					
	4X-Large	\$76.30	\$38.94	-					
	5X-Large	\$76.30	\$38.94	-					

20. VEHICLE CONSPICUITY TAPE

Vehicle conspicuity tape meets NHTSA's rule under 49 CFR, Part 571 for enhanced visibility and detection, and also meet all FMVSS 108 Requirements. Coefficients of reflectivity for the white and red sections at 0.2° observation angle and -4° entrance angle will exceed the values of 250 and 45 candlepower/foot candle/square foot, respectively, when sections cleaned with soap and water. Tape is durable for 7 years. Tape is available in high intensity grade or diamond grade.

Available Colors

•

•

Available Lengths

- White / Silver •
- 30 feet •
- Red Alternating White /

Silver and Red

150 feet •

Available Heights

- 1 inch •
- 2 inches •

Available Widths for Alternating Tape (white/red)

- 6 inch/6 inch •
 - 7 inch/11 inch •

		Vehicle Conspicuity Tape - High Intensity Grade - 30 Feet								
			Reis Environmental							
	Height	Solid White/Silver	Solid Red							
	Manufacturer Name/Number	Harris Ind ZKPT2W-1X10	Harris Ind ZKPT2R-1X10	Harris Ind ZKPT2RW-1X10	Harris Ind ZPLT2RW-1X10					
Cost	1 inch	\$18.13	\$18.13	\$16.92	\$16.92					
(Each)	Manufacturer Name/Number	Harris Ind KPT2W-10	Harris Ind KPT2RD-10	Harris Ind KPT2RW-10	Harris Ind ZPLT2RW-10					
	2 inch	\$28.99	\$28.99	\$27.06	\$27.06					

		Vehicle Conspicuity Tape - High Intensity Grade - 150 Feet TAPCO						
	HeightSolid White/SilverSolid Red6" White or Silver/6" Red7" W Silver							
	Manufacturer Number	3M-983-10	3M-983-10	3M-983-10	3M-983-10			
Cost	1 inch	\$48.13	\$48.13	\$48.13	\$48.13			
(Each)	Manufacturer Number	3M-983-10	3M-983-10	3M-983-10	3M-983-10			
	2 inch	\$96.25	\$96.25	\$96.25	\$96.25			

	Vehicle Conspicuity Tape - Diamond Grade						d Grade			
			•		S & S Equipment					
	Height	Length	Quantity	Solid White/Silver	Solid Red	6" White or Silver/6" Red	7" White or Silver/7" Red			
			1-9 Rolls	\$11.46	\$12.09	\$11.05	\$11.05			
		30 ft	10-24 Rolls	\$11.09	\$11.71	\$10.04	\$10.09			
	1"		25+ Rolls	\$10.58	\$11.20	\$9.61	\$9.61			
		150 ft	1-9 Rolls	\$49.16	\$53.70	\$42.00	\$42.00			
Cost			10-24 Rolls	\$47.03	\$51.81	\$40.34	\$40.34			
(Each)			25+ Rolls	\$45.10	\$48.11	\$38.35	\$38.35			
by Ouentity			1-9 Rolls	\$22.91	\$24.16	\$22.10	\$22.10			
Quantity		30 ft	10-24 Rolls	\$22.18	\$23.43	\$20.16	\$20.16			
	2"		25+ Rolls	\$21.15	\$22.40	\$19.23	\$19.23			
	2		1-9 Rolls	\$98.31	\$107.39	\$84.00	\$84.00			
		150 ft	10-24 Rolls	\$94.06	\$103.63	\$80.66	\$80.66			
			25+ Rolls	\$90.13	\$96.23	\$76.69	\$76.69			

21. REFLECTIVE PRISMATIC SHEETING

Reflective sheeting is intended to provide a higher level of standard brightness at long, medium and short distance viewing ranges. Sheeting is applied to standard traffic sign substrates with a hand or pneumatic squeeze roller applicator. Sheeting is available in multiple colors in High Intensity G rade Prismatic (meets both ASTM D4956 Type III and Type IV specifications) and Diamond Grade (Exceeds ASTM D4956 Spec Type IX standards). Sheeting is clearly visible at viewing angles of 30 de grees or more.

			Reflective Prismatic Sheeting								
			ТАРСО								
	Grade	Manufacturer Name	High Intensity Grade Prismatic	Manufacturer Name	Diamond Grade						
Cast	Blue	3M	\$1.70	3M	\$5.25						
Cost	Brown	3M	\$1.70	3M	\$5.25						
(Per	Green	3M	\$1.70	3M	\$5.25						
Square Foot)	Orange	3M	\$1.70	3M	\$5.25						
by	Red	3M	\$1.70	3M	\$5.25						
Color	White	3M	\$1.70	3M	\$5.25						
00101	Yellow	3M	\$1.70	3M	\$5.25						

22. DETOUR SIGNS

Detour signs meet MUTCD specifications for highway use and are made of aluminum a minimum of 0.080" thick. Corners have a slight radius and there are pre-punched mounting holes a minimum of 3/8" in diameter.

Signs are made of either new or recycled materials and are orange and black. Signs are available in the following reflectivity grades:

- High Intensity Grade (Meets both ASTM D4956 Type III and Type IV specifications)
- Diamond Grade (Exceeds ASTM D4956 Spec Type IX standards)

The following detour signs and sign sizes are available:

- Detour (MUTCD sign M4-8)
 - o 24" x 12"
 - o 30" x 15"
- End Detour (MUTCD sign M4-8a)
 24" x 18"
- Detour with Arrow Below (MUTCD sign M4-9)
 - \circ 30" x 24"
 - 48" x 36"
 - o 60" x 48"
- Arrow with Detour Inside (MUTCD sign M4-10)
 - o 48" x 18"

				Detour Signs						
				ТАРСО						
	Grade Quant		Det (M4		End Detour (M4-8a)	Detour	with Arrov (M4-9)	w Below	Detour Inside Arrow (M4-10)	
			24"x12"	30"x15"	24"x18"	30"x24"	48"x36"	60"x48"	48"x18"	
	Manufacturer Name		TAPCO	TAPCO	TAPCO	TAPCO	TAPCO	TAPCO	TAPCO	
Cost	High Intensity Grade	1-199	\$12.40	\$19.38	\$18.60	\$31.00	\$74.40	\$124.00	\$37.20	
(Each) by		200+	\$11.98	\$18.72	\$17.97	\$29.95	\$71.88	\$119.80	\$35.94	
Quantity	Diamond Grade	1-199	\$19.50	\$30.47	\$29.25	\$48.75	\$117.00	\$195.00	\$58.50	
		200+	\$19.20	\$30.00	\$28.80	\$48.00	\$115.20	\$192.00	\$57.60	

23. ROLL-UP SIGNS AND STAND

Rollup s igns are c onvenient for incident m anagement personnel t o s tore in t heir v ehicles for eas y access when incidents occur. Signs are available in **36**" or **48**" sizes. **48**" width **must** be used in freeway and expressway applications and in all locations with posted speeds above 45 mph.

The signs meet MUTCD standards and NCHRP 350 compatibility crash test requirements. Signs are able to withstand winds up to 65 mph and have four corner pockets. The frame is made of aluminum and steel construction with a wind relieving system. Legs are telescoping aluminum with at least two position height adjustments and anti-skid foot pads. The minimum height from the ground is 12". Signs come with a flag bracket and two 18" vinyl flags. Additional flags and flag brackets may be purchased separately.

Signs are available in **fluorescent coral (pink)** or **fluorescent orange** with black text or graphics.

Corner pocket options are:

- **Delta Pocket**: ³/₄" deep, easiest to deploy, tough Lexan plastic, narrow width (rolls up smaller), and has 3 rivets for better holding power
- Full Pocket: Full depth, tough Lexan plastic
- Half Pocket: 1" depth, easier to deploy, tough Lexan plastic

Reflectivity options are:

- High Intensity Grade (Meets ASTM D4956 Spec Type III, Class 1)
- High Intensity Grade Prismatic (Meets both ASTM D4956 Type III and Type IV specifications)
- **Diamond Grade** (Exceeds ASTM D4956 Spec Type IX Standards)
- Diamond Grade Fluorescent

The table below provides available messages:

Sign Code	Sign Massage	Color(s)	Available
Sign Code	Sign Message	Pink	Orange
W3-67-RU	Emergency Scene Ahead	Х	
W3-4-RU	Be Prepared to Stop	Х	Х
WO8-1-RU	Bump		Х
WO8-1a-RU	Bumps		Х
W20-5a-RU	Right* Lane Closed Ahead*	Х	Х
W20-2a-RU	Detour Ahead*		Х
WO8-2-RU	Dip		Х
WO1-4BR-RU	Double Reverse Curve Symbol Right	Х	Х
WO1-4BL-RU	Double Reverse Curve Symbol Left	Х	Х
W20-7a-RU	Flagger Symbol	Х	Х
W21-2-RU	Fresh Oil		Х
W8-52-RU	Grooved Pavement		Х
WO8-58-RU	High Water		Х
W9-4A-RU	Right* Shoulder Closed Ahead*	Х	Х
W20-58a-RU	Right* Two Lanes Closed Ahead*	Х	Х
W8-7-RU	Loose Gravel		Х
WO8-9-RU	Low Shoulder		Х
W21-51-RU	Mowing Operations Ahead		Х
W8-12-RU	No Center Stripe		Х
W20-4a-RU	One Lane Road Ahead	Х	Х
W20-3amod-RU	Ramp Closed Ahead*	Х	Х
WO1-4L-RU	Left Reverse Curve	Х	Х
W21-63A-RU	Paint Convoy Ahead		Х
WO1-4R-RU	Right Reverse Curve	Х	Х
W20-3a-RU	Road Closed Ahead*	Х	Х
W21-3a-RU	Road Machinery Ahead*		Х
W20-1a-RU	Road Work Ahead*		Х
WO8-8-RU	Rough Road		Х
W8-4-RU	Soft Shoulder		Х
W8-9a-RU	Shoulder Drop Off		Х
W21-5-RU	Shoulder Work Ahead		Х
W21-6-RU	Survey Crew		Х
WO4-2L-RU	Pavement Width Transition Symbol (LEFT)	Х	X
WO4-2R-RU	Pavement Width Transition Symbol (RIGHT)	X	X
WO6-3-RU	Two-Way Traffic	X	X
W8-11-RU	Uneven Lanes (Roll-up)		X
W21-1a-RU	Workers Symbol		X
W8-59-RU	Wet Paint		X
WO3-2-RU	Yield Ahead (Word Message)	Х	X
G20-2A-RU	End Road Work		X

* For sign message texts with asterisk, any of the following overlays can be substituted for "RIGHT" or "AHEAD," as a standard sign message upon request: LEFT, CENTER, RIGHT, 2 MILES, 1 MILE, ½ MILE, 1500 FT, 1000 FT, or 500 FT.

Fluorescent Coral (Pink) Signs

Prices are provided for the sign itself as well as for the sign and stand together. Storage bags need to be purchased separately.

		Roll-Up Signs and Stand - Fluorescent Coral (Pink)					
		Eastern	Eastern Metal/USA Sign				
	Grade	High Intens	High Intensity Grade/Prismatic				
	Item	Stand Included	Sign Only - Stand Not Included				
	Manufacturer Name/Number	C/36 SBFP-3FH C-902TPTK	C/36-SBFP-3FH				
Cost (Each)	36" Sign	\$124.98	\$51.87				
by Size	Manufacturer Name/Number	C/48 SBFP-3FH C-902TPTK	C/48-SBFP-3FH				
	48" Sign	\$147.16	\$74.05				

Fluorescent Orange Signs

Prices are provided for the sign itself as well as for the sign and stand together. Storage bags need to be purchased separately.

		Roll-Up Signs and Stand - Fluorescent Orange						
			Eastern Met	al/USA Sign				
	Grade	High Intensity	Grade/Prismatic	Diamond Gra	ade/Fluorescent			
	ltem	Stand Included	Sign Only - Stand Not Included					
	Manufacturer Name/Number			C/36-DGFO-3FH C-902-TPTK	C/36-DGFO-3FH			
Cost	36" Sign	\$124.98	\$51.87	\$135.56	\$62.45			
(Each) by Size	Manufacturer Name/Number	C/48-SBFO-3FH C-902-TPTK	C/48-SBFO-3FH	C/48-DGFO-3FH C-902-TPTK	C/48-DGFO-3FH			
	48" Sign	\$147.16	\$74.05	\$165.98	\$92.97			

Stand, Storage Bag and Flags/Flag Bracket

	Stand, Sto	Stand, Storage Bag and Flags/Flag Bracket						
	E	Eastern Metal/USA Sign						
	ltem	Manufacturer Name/ Number	Item					
	Stand	C-902-TPTK	\$73.11					
	Storage Bag	SC-48-SC	\$19.00					
Cost (Each)	Flag Bracket with Flags	3FH/118/24 (2)	\$8.86					
	Flag Bracket	3FH	\$5.86					
	Additional Flags	FROV-118/24	\$3.35					

24. ROLL-UP SIGN SYSTEMS

Roll-up sign systems are convenient for incident management personnel to store in their vehicles for easy access and deployment when incidents occur. Signs are available in **36**" or **48**" sizes. **48**" width **must** be used in freeway and expressway applications and in all locations with posted speeds above 45 mph.

The signs meet MUTCD standards and NCHRP 350 compatibility crash test requirements. Signs are able to withstand winds up to 65 mph. The frame is made of aluminum and steel construction with a wind relieving system. Legs are telescoping aluminum with at least two position height adjustments and anti-skid foot pads. Legs are equipped with an easy to use kick-release system. The minimum height from the ground is 12".

Sign panel s are collapsible to ac commodate the roll-up system. S ign panel s are detachable or additional V elcro ov erlay pat ches are available to al ter the s ign message. S igns come with a flag bracket and two 18" vinyl flags. Additional flags and flag brackets may be purchased separately.

Signs are available in **fluorescent coral (pink)** or **fluorescent orange** with black text or graphic messages.

Reflectivity options are:

- **High Intensity Grade** (Meets ASTM D4956 Spec Type III, Class 1)
- High Intensity Grade Prismatic (Meets both ASTM D4956 Type III and Type IV specifications)
- Diamond Grade (Exceeds ASTM D4956 Spec Type IX standards)

Please Note: Reference Section 22, Roll-Up Signs and Stand, for a list of all available sign messages.

Please Note: Reference Section 24 for individual prices on spring stands.

Fluorescent Coral (Pink) Signs

Prices are provided for the sign itself as well as for the sign and stand together. Prices also are provided for the sign, stand and storage bag together. However, storage bag prices are provided separately if bags need to be purchased separately or if additional bags are required.

		Roll-Up Sign Systems - Fluorescent Coral (Pink)					
			ТАРСО				
	Grade	High	Intensity Grade / F	Prismatic			
	ltem	Stand & Bag Stand Included Sign Only - Stan Included (No Bag) & Bag Not Included					
	Manufacturer Name/Number	MDI	MDI 4814	MDI			
Cost	36" Sign	\$209.00	\$176.00	\$97.00			
(Each) by Size	Manufacturer Name/Number	MDI	MDI 4814	MDI			
	48" Sign	\$237.00	\$204.00	\$125.00			

Fluorescent Orange Signs

Prices are provided for the sign itself as well as for the sign and stand together. Prices are also provided for the sign, stand and storage bag together. However, storage bag prices are provided separately if bags need to be purchased separately or if additional bags are required.

		Roll-Up Sign Systems - Fluorescent Orange				
			TAPCO			
	Grade		Fluorescent Refle	ective		
	ltem	Stand & Bag Included	Stand Included (No Bag)	Sign Only - Stand & Bag Not Included		
	Manufacturer Name/Number	MDI	MDI 4814	MDI		
Cost (Each)	36" Sign	\$209.00	\$176.00	\$97.00		
(Each) by Size	Manufacturer Name/Number	MDI	MDI 4814	MDI		
	48" Sign	\$237.00	\$204.00	\$125.00		

Fluorescent Orange Signs

		Roll-Up Sign Systems - Fluorescent Orange				
			TAPCO			
	Grade		Diamond Grade	e		
	ltem	Stand & Bag Stand Included Sign Only - Star Included (No Bag) Bag Not Included				
	Manufacturer Name/Number	MDI 4814I	MDI 4814	MDI Marathon		
Cost (Each)	36" Sign	\$234.00	\$200.00	\$121.00		
(Each) by Size	Manufacturer Name/Number	MDI 4814	MDI 4814	MDI Marathon		
	48" Sign	\$300.00	\$266.00	\$187.00		

Storage Bag and Flag/Flag Brackets

	Storage Bag and Flag/Flag Brackets TAPCO					
	Item	Manufacturer Name/Number	ltem			
	Storage Bag	MDI	\$33.00			
Cost (Each)	Flag Bracket with Flags	MDI	\$14.00			
Cost (Each)	Flag Bracket	MDI	\$6.50			
	TAPCO Item Manufacturer Name/Number Storage Bag MDI Flag Bracket with Flags MDI	\$3.00				

25. ROLL-UP SIGN SPRING STANDS

The spring stands meet MUTCD standards and NCHRP 350 compatibility crash test requirements. Signs are able to withstand winds up to 65 mph. The frame is made of aluminum and/or steel construction with a wind relieving system. Legs are telescoping aluminum with at least two position height adjustments and anti-skid foot pads. Legs are equipped with an easy to use kick-release system. The minimum height from the ground is 12". Sign stands are able to hold 36" and 48" signs.

Spring stands for roll-up signs are offered with different spring types. Spring types are:

- Dual Torsion Springs
- Single Upright Coil Spring
- Dual Heavy Duty Steel Coil Spring

Please Note: Reference Section 22, Roll-Up Signs and Stand, for a list of all available sign messages.

			Roll-Up Spring Stands							
		S &S Equip	ment	Legacy Distr Co. LL		ТАРСО				
	ltem	Manufacturer Name/Number	Stand	Manufacturer Name/Number	Stand	Manufacturer Name/Number	Stand			
	Dual Torsion Spring	Dicke MS-Flex	\$97.00	LGDF30035W	\$102.30	-	-			
Cost (Each)	Single Upright Coil Spring	-	-	-	-	MDI 5012	\$78.00			
	Dual Heavy Duty Steel Coil Spring	-	-	-	-	MDI 4814	\$78.00			

26. SLOW/STOP PADDLES

Slow/Stop paddles are to be MUTCD compliant, octagonal, made of al uminum and ar e printed with letters a minimum of 6" high. STOP is to have a red background with white letters and border. SLOW is to have an orange background with black letters and border.

Paddles are to be available in High Intensity Grade (Meets ASTM D4956 Spec Type III, Class 1), High Intensity Grade Prismatic (Meets both ASTM D4956 Type III and Type IV specifications), Diamond Grade (Exceeds ASTM D4956 Spec Type IX standards) and Diamond Grade Fluorescent.

Paddles shall be available in two sizes as follows:

- 18" paddles
- 24" paddles

Paddles shall come with a pre-attached handle. An additional plastic handle, either 60" or 72" in length, shall be available. Prices shall be provided for the sign with additional plastic handles. Prices shall also be provided for the sign and additional plastic handles separately.

					SI	ow/Stop F	Paddles			
		Grade	18" Sign w/ 60" Handle	18" Sign w/ 72" Handle	24" Sign w/ 60" Handle	24" Sign w/ 72" Handle	18" Sign	24" Sign	60″ Handle	72" Handle
	nt	Manufacturer Name/Number	SS-18(60) HI	SS-18(72) HI	-	SS-24(72) HI	SS-18-HI / AL	-	SS-60 H	SS-72 H
	Equipment	High Intensity/Prismatic Grade	\$31.40	\$31.90	-	\$44.10	\$16.60	-	\$10.00	\$10.50
Size	& S E	Manufacturer Name/Number	SS-18(60) DRG	SS-18(72) DRG	SS-24(60) DRG	SS-24(72) DRG	SS-18- DRG / AL	SS-24- DRG / AL	SS-60 H	SS-72 H
	Ś	Diamond Grade/Fluorescent	\$49.80	\$50.30	\$75.40	\$76.10	\$39.95	\$65.80	\$10.00	\$10.50
(Each) by		Manufacturer Name/Number	-	-	TAPCO	-	-	TAPCO	-	-
Cost	TAPCO	High Intensity/Prismatic Grade	-	-	\$42.86	-	-	\$29.88	-	-
	TAI	Manufacturer Name/Number	-	-	SS-24(60) DRG	-	-	SS-24- DRG / AL	-	-
		Diamond Grade/Fluorescent	-	-	\$75.40	-	-	\$65.80	-	-

27. BATTERIES

Batteries are required to provide a reliable energy supply for equipment and must provide sufficient voltage, between charging, to each of the lamps to provide at least 15 days of continuous operation, in any mode, at full daytime intensity. The following table provides an overview of all batteries available:

Most Common Name	Nominal Voltage (V)	Shape	Comments	
AA	1.5	Cylinder		
AA NIMH	1.2	Cylinder	Rechargeable battery; 1.2 V, 1800 mAh each	
AAA	1.5	Cylinder		
AAA NiMH	1.2	Cylinger	Rechargeable battery, 1.2 V, 700 mAh each	
С	1.5	Cylinder	Can be replaced with alkaline AA cell using plastic sabot (stub case).	
D	1.5	Cylinder	Can be replaced with alkaline AA cell using plastic sabot (stub case).	
3 Volt (CR-V3)	3	Rectangular	Has size and shape of two side-by-side AA batteries.	
9 Volt	9	Rectangular	Many (not all) 9 V batteries are an array of 6 reversed-polarity (nub is negative while can is positive) AAAA cells welded together internally.	
Marine Battery	12	Rectangular	Deep Cycle, Top Post, Spiral Gel Cell. A marine deep cycle battery is different than a car battery because it can be drained and re-charged multiple times.	
Lantern (Spring)	6	Square	Springs are usually made so that leads for screw top can be fastened to them. In most applications this is fine (see next). 6 V 700 mAh	
Lantern (Screw)	6	Square	For uses that have high vibration/shock where the leads may be knocked off springs. 6 V 11Ah	
CR-200	6	Rectangular	GC-2 group Deep Cycle for PCMS - 200A Dimensions -10.25L 7.13W 10.5H.	
L-16 (D Deep Cycle)	6	Rectangular	Deep Cycle for HAR Radio; 340+Amps; Dimensions -11 5/8L 7W 17H 106Lb.	
CR2032	3	Coin	Standard Discharge Current: 0.2 mA. Maximum discharge current: 3 mA. Maximum pulse discharge current: 15 mA. Common battery in computers to keep the date and CMOS settings current when power is off.	
NiMH Battery Charger	-	-	Must accommodate both AA and AAA NiMH batteries; must hold a minimum of 2 batteries at a time	

Interstate All Battery Center						
Туре	Manufacturer Name/Number	Batteries Cost (Each)	Batteries Cost (Pkg.)			
AA	Workoholic brand Interstate/DRY0075	-	\$5.95 (24 each)			
AA NIMH	Interstate/ASC1002	\$1.95	-			
ΑΑΑ	Workoholic brand Interstate/DRY0070	-	\$5.95 (24 each)			
AAA NIMH	Interstate/ASC1004	\$1.95	-			
С	Workoholic brand Interstate/DRY0080	-	\$8.95 (12 each)			
D	Workoholic brand Interstate/DRY0085	-	\$9.95 (12 each)			
3 Volt (CR-V3)	Interstate PHO0065	\$7.15	-			
9 Volt	Workoholic brand Interstate/DRY0067	-	\$9.95 (8 each)			
Marine	Optima/31DM Spiral Cell	\$164.76	-			
Lantern – Spring	Interstate/DRY1403	\$1.29	-			
Lantern – Screw	Interstate/DRY1405	\$2.95	-			
CR-200	Interstate/U1800s	\$85.95	-			
L-16 (D Deep Cycle)	Interstate/L16S	\$189.95	-			
CR2032	Sony/LIT0155	\$0.99	-			
NiMH Battery Charger	UltraLast/CHG6015 Universal 4 bay charger for AAA, AA, C,D,9V	\$14.95	-			