

AGENCY PECULIAR DO 086

Inventory ID	1018 Code	PO/Description	Quantity	Unit Cost	Total Cost
086 1MRDOCSLIM2TESTRACK	AGPU	TEST RACK	1.00	\$ 2,308.00	\$ 2,308.00
086 1MRDOC60061M02A000-A1-F02	AGPU	Assy, SPU, Flight	1.00	\$ 18,329.90	\$ 18,329.90
086 1MRDOC60061M02A000-A1-F07	AGPU	Assy, SPU, Flight	1.00	\$ 18,329.90	\$ 18,329.90
086 1MRDOC60061M02A000-B0-F010	AGPU	Assy, SPU, Flight	1.00	\$ 18,285.71	\$ 18,285.71
086 1MRDOC60061M02A000-B0-F013	AGPU	Assy, SPU, Flight (NOT FOR FLIGHT-60061-NCR-0077)	1.00	\$ 18,285.71	\$ 18,285.71
TOTAL AGENCY PECULIAR DO 086			5.00	\$	\$ 75,539.22

EQUIPMENT DO 086

Inventory ID	1018 Code	PO/Description	Quantity	Unit Cost	Total Cost
086 1MRDOC60054MAFH201	EQPU	SPICE COMPONENT CASE	3.00	\$ 500.00	\$ 1,500.00
086 1MRDOCNIKON-D100	EQPU	6.1 MegaPixel Digital SLR Camera	1.00	\$ 550.00	\$ 550.00
086 1MRDOCSPIECAB36697	EQPU	STORAGE CABINET OF MISCELLANEOUS SPICE COMPONENTS	1.00	\$ 500.00	\$ 500.00
086 1MRDOCSPICEIGNITORCASE36693	EQPU	SPICE IGNITOR/BURNER TUBE CASE (6 IGNITORS, 3 TUBES)	1.00	\$ 50.00	\$ 50.00
086 1MRDOC14-809-21	EQPU	TEST TUBE RACK	1.00	\$ 26.51	\$ 26.51
086 1MRDOCSEGA6115797-302	EQPU	TETHER ASSY CUTOFF, TVIS MAGNET CLASS III	1.00	\$ 565.00	\$ 565.00
TOTAL EQUIPMENT DO 086			8.00	\$	\$ 3,191.51

MATERIALS DO 086

Inventory ID	1018 Code	PO/Description	Quantity	Unit Cost	Total Cost
086 1MRDOC117.133F-OS	MATL	Cell, Fluorescence: 10 x 4 mm	2.00	\$ 229.00	\$ 458.00
086 1MRDOC528-34035-2	MATL	CUSHION	1.00	\$ 775.39	\$ 775.39
086 1MRDOC60107MFP1003	MATL	BCAT-4 Magnet	1.00	\$ 209.00	\$ 209.00
086 1MRDOCSBM08015MIC	MATL	8 X 1.5 mm COATED STIR BAR	10.00	\$ 2.00	\$ 20.00
086 1MRDOC02521528212	MATL	Sony DV Tapes	1.00	\$ 12.44	\$ 12.44
086 1MRDOC004338835726	MATL	Omniflex Line	1.00	\$ 2.28	\$ 2.28
086 1MRDOC004347353075	MATL	Fishing Line	1.00	\$ 7.97	\$ 7.97
086 1MRDOC640328351127	MATL	Bungee Cord Pack	1.00	\$ 3.97	\$ 3.97
086 1MRDOC640328380905	MATL	36"Bungee Pack	1.00	\$ 5.97	\$ 5.97
086 1MRDOC748232100012	MATL	Foamular	1.00	\$ 13.11	\$ 13.11
086 1MRDOCBCAT4-TST-001	MATL	VIBE TEST	4.00	\$ 100.00	\$ 400.00
086 1MRDOC60061M02A204	MATL	ELECTROLESS NICKLEPLATED RUPTURE DISC	5.00	\$ 74.00	\$ 370.00
086 1MRDOC1959T83	MATL	Press-To-Close Polyethylene Bag 4 MIL, 3" Width X 3" Length	100.00	\$ 0.03	\$ 3.26
086 1MRDOC4452K541	MATL	Low-Pressure Type 316Ss Threaded Pipe Fitting 1/8"	1.00	\$ 0.40	\$ 0.40
086 1MRDOC6338T113	MATL	350 PSI Bronze High Pressure ASME Pop Safety Valve	1.00	\$ 338.36	\$ 338.36
086 1MRDOC001-0390-004	MATL	Custom Burst Disc 55 PSIG Max 1" Size	13.00	\$ 152.85	\$ 1,987.00
086 1MRDOCSS-400-1-8	MATL	1/2" Male NPT to 1/4" Tube	2.00	\$ 10.40	\$ 20.80
086 1MRDOCSS-4F-7	MATL	Swagelok Filter	1.00	\$ 48.10	\$ 48.10
086 1MRDOCSS-8-T	MATL	1/2" Female NPT Stainless Steel	1.00	\$ 47.90	\$ 47.90
086 1MRDOCSFA-11	MATL	RUPTURE DISK	6.00	\$ 57.00	\$ 342.00
086 1MRDOC75065A69	MATL	3m Epoxy Adhesive	1.00	\$ 24.72	\$ 24.72
086 1MRDOC8569K34	MATL	Sheet Made Of Teflon@PTFE Film, 0.002" Thick, 12" X 24"	288.00	\$ 0.01	\$ 3.08

086	1MRDOC8569K36	MATL	Sheet Made Of Teflon@PTFE Film, 0.003" Thick, 12" X 24"	288.00	\$	0.01	\$	4.18
086	1MRDOC8569K38	MATL	Sheet Made Of Teflon@PTFE Film, 0.005" Thick, 12" X 24"	288.00	\$	0.02	\$	6.02
086	1MRDOC8569K41	MATL	Sheet Made Of Teflon@PTFE Film, 0.010" Thick, 12" X 24"	288.00	\$	0.04	\$	10.16
086	1MRDOC8569K43	MATL	Sheet Made Of Teflon@PTFE Film, 0.015" Thick, 12" X 24"	288.00	\$	0.05	\$	14.72
086	1MRDOCBXF TRAINING LABELS	MATL	VACUUM HARDWARE - LOT	1.00	\$	17,189.77	\$	17,189.77
086	1MRDOC08-56-0110	MATL	TERMINAL CRIMP FEMALE	1.00	\$	1,116.00	\$	1,116.00
086	1MRDOC1000FSDC002-ENG	MATL	SPICE VIDEO TITLER BOX, ENG UNIT	10.00	\$	0.83	\$	8.32
086	1MRDOC60029SMD2114	MATL	FLUID MODULE INSULATED CARRIER	1.00	\$	100.00	\$	100.00
086	1MRDOC60054EAFH004	MATL	SPICE FLIGHT CAMERA CABLE	6.00	\$	162.50	\$	975.00
086	1MRDOC60054EAFH004-ENG	MATL	SPICE FLIGHT CAMERA CABLE, ENG UNIT	1.00	\$	3.38	\$	3.38
086	1MRDOC60054EAFH005	MATL	SPICE FLIGHT VIDEO CABLE	1.00	\$	3.38	\$	3.38
086	1MRDOC60054EAFH005-ENG	MATL	SPICE VIDEO CAMERA CABLE, ENG UNIT	1.00	\$	9.26	\$	9.26
086	1MRDOC60054EAFH006-ENG	MATL	SPICE EXPERIMENT POWER CABLE, ENG UNIT	1.00	\$	9.26	\$	9.26
086	1MRDOC60054EAFH006-F002	MATL	SPICE EXPERIMENT POWER CABLE	1.00	\$	356.01	\$	356.01
086	1MRDOC60054EAFH007	MATL	SPICE CONTROL BOX FEED THRU CABLE	1.00	\$	356.01	\$	356.01
086	1MRDOC60054EAFH007-ENG	MATL	SPICE CONTROL BOX FEED THRU CABLE, ENG UNIT	1.00	\$	926.49	\$	926.49
086	1MRDOC60054EAFH080-ENG	MATL	SPICE CONTROL BOX FEED THRU CABLE, ENG UNIT	1.00	\$	926.49	\$	926.49
086	1MRDOC60054EAFH080REVC	MATL	SPICE FLIGHT CONTROL BOX CABLE, ENG UNIT	1.00	\$	547.02	\$	547.02
086	1MRDOC60054MAFH000-ENG	MATL	EM SPICE ASSEMBLY WITH CAMERA, ENG UNIT	1.00	\$	1,391.84	\$	1,391.84
086	1MRDOC60054MAFH090	MATL	SPICE GAS SUPPLY ASSEMBLY	1.00	\$	19,389.00	\$	19,389.00
086	1MRDOC60054MAFH100	MATL	SPICE VIDEO CAMERA ASSEMBLY W/PANASONIC CAMERA	21.00	\$	484.60	\$	10,176.60
086	1MRDOC60054MAFH100-ENG	MATL	SPICE VIDEO CAMERA ASSEMBLY W/PANASONIC CAMERA, ENG UNIT	1.00	\$	611.00	\$	611.00
086	1MRDOC60054MAFH300-ENG	MATL	SPICE VIDEO CAMERA ASSEMBLY W/PANASONIC CAMERA, ENG UNIT	1.00	\$	611.00	\$	611.00
086	1MRDOC60054MAFH400	MATL	SPICE POWER/VIDEO UNIT, ENG UNIT	1.00	\$	4,873.87	\$	4,873.87
086	1MRDOC60054MAFH400-ENG	MATL	SPICE STILL CAMERA MOUNT	1.00	\$	1,128.00	\$	1,128.00
086	1MRDOC60054MAFH450	MATL	SPICE STILL CAMERA MOUNT, ENG UNIT	1.00	\$	1,128.60	\$	1,128.60
086	1MRDOC60059FMD1061	MATL	SPICE STILL CAMERA ASSEMBLY W/NIKON CAMERA	1.00	\$	2,956.00	\$	2,956.00
086	1MRDOC60059FMD4011	MATL	Laser Micrometer Lens Cover Housing	4.00	\$	220.58	\$	882.30
086	1MRDOC60059FMD4012	MATL	Clear Lens Cover Assembly	6.00	\$	13.28	\$	79.68
086	1MRDOC7631A31	MATL	Camera Lens Cover Housing	2.00	\$	221.86	\$	443.71
086	1MRDOC76925A1	MATL	Aluminum Foil Tape 1" Wide	2.00	\$	7.74	\$	15.48
086	1MRDOC92200A150	MATL	Aluminum Foil Tape w/ Conductive Adhesive	2.00	\$	53.02	\$	106.04
086	1MRDOC92313A016	MATL	Socket Head Cap Screw 300 Series SS #6-32x5/8"Lg	20.00	\$	0.39	\$	7.84
086	1MRDOCDCSCM-11000	MATL	316 SS CUP POINT SOCKET SET SCREW 2-56 THREAD	40.00	\$	0.95	\$	38.00
086	1MRDOCLT1085CT	MATL	IBM 1GB MICRODRIVE	6.00	\$	199.00	\$	1,194.00
086	1MRDOCSSWR-C	MATL	IC LDO REG Adjustable 3A TO-220	5.00	\$	6.50	\$	32.50
086	1MRDOC036389	MATL	15" Handheld Ion Wand	1.00	\$	48.00	\$	48.00
086	1MRDOC117.133F-OS	MATL	SILICONE TAPE	2.00	\$	10.87	\$	21.74
086	1MRDOC2966K52	MATL	Cell, Fluorescence, 10 x 4 mm	10.00	\$	229.00	\$	2,290.00
086	1MRDOC3650	MATL	Dow Corning High-Vacuum Synthetic Grease 5.3-Ounce Tube	1.00	\$	18.08	\$	18.08
086	1MRDOC4452K541	MATL	Scotch Tape	1.00	\$	3.99	\$	3.99
086	1MRDOC528-38597-1	MATL	Low-Pressure Type 316Ss Threaded Pipe Fitting 1/8"	2.00	\$	0.40	\$	0.80
086	1MRDOC60107MFA1000	MATL	FOAM CUSHION	1.00	\$	737.20	\$	737.20
086	1MRDOC60107MFA1004 REV-++	MATL	BCAT-4 Module Assembly (Flight)	1.00	\$	1,978.37	\$	1,978.37
086	1MRDOC60107MFD1008REVA+	MATL	BCAT-4 MAGNET KEEPER ASSEMBLY (+ECO-009, -010)	1.00	\$	600.45	\$	600.45
		MATL	BCAT-4 Couvette Plug (plus BCAT4-ECO-007)	10.00	\$	26.60	\$	265.97

086	1MRDOC60107MFD1009	MATL	BCAT-4 Couvette Septum	55.00	\$	0.81	\$	44.33
086	1MRDOC60107MFD1009	MATL	BCAT-4 Couvette Septum	49.00	\$	0.81	\$	39.49
086	1MRDOC60107MFD1011	MATL	BCAT-4 Couvette Cap Retainer	21.00	\$	7.41	\$	155.70
086	1MRDOC60107MFD1013	MATL	BCAT-4 Cover Plate Retainer	2.00	\$	58.94	\$	117.87
086	1MRDOC6061-T6 3/16X2	MATL	ALUMINUM Flat Stock	15.00	\$	0.19	\$	2.92
086	1MRDOC6061-T6 3/16X2X2	MATL	ALUMINUM Angle	24.50	\$	0.34	\$	8.24
086	1MRDOC8545K26	MATL	4-40 X 5/8 SS BTN HD SOCKET CAP SCREW FINISH ASTMA380	163.00	\$	0.03	\$	5.70
086	1MRDOC8574K26	MATL	Sheet Of Teflon® PTFE 1/4" Thick, 12" X 12"	96.00	\$	0.41	\$	39.42
086	1MRDOC8576K35	MATL	1/8x12x12" Polycarbonate	124.00	\$	0.04	\$	4.98
086	1MRDOC8775K3	MATL	Black Delrin Rod 3-1/2" Dia	7.50	\$	4.84	\$	36.29
086	1MRDOC89095K84	MATL	Static-Dissipative PTFE Sheet 1/2" Thick, 6" X 6"	30.75	\$	1.58	\$	48.55
086	1MRDOC8910K116	MATL	Stainless Steel Rod	9.00	\$	-	\$	-
086	1MRDOC90126A029	MATL	Low-Carbon Steel Rectangular Bar 1/8" Thick, 1" W, 6' L	50.00	\$	0.13	\$	6.60
086	1MRDOC91580A235	MATL	Flat Washer, 1/4", Zinc-Plated Steel	166.00	\$	0.02	\$	2.74
086	1MRDOC9198K62	MATL	Stainless Steel Internal Retaining Ring for 1-7/16" Bore Dia	4.00	\$	2.67	\$	10.68
086	1MRDOC9266K11	MATL	Type 303 Stainless Steel Disc, 3-1/2" Dia, 2" Thick	1.00	\$	51.83	\$	51.83
086	1MRDOC92865A540	MATL	Virgin PTFE Sheet 1/32" Thick, 12" X 12"	288.00	\$	0.04	\$	10.68
086	1MRDOC92865A540	MATL	Bolt 1/4" - 20 x 3/4", Hex Head Cap Screw	96.00	\$	0.05	\$	4.53
086	1MRDOC92949A112	MATL	Hex Head Bolts 1/4" - 20 x 1, Grade 5	80.00	\$	0.06	\$	4.48
086	1MRDOC9546?A029	MATL	Screw 4-40x5/8 Button Socket	400.00	\$	0.05	\$	20.60
086	1MRDOC98017A690	MATL	Hex Nut 1/4" - 20; Grade 5 Zinc-Plated Steel	80.00	\$	0.02	\$	1.71
086	1MRDOC98381A417	MATL	18-8 SS Flat Washer	98.00	\$	0.07	\$	6.72
086	1MRDOC98381A436	MATL	Dowel Pin, Alloy Steel, 1/16"x3/8"	99.00	\$	0.14	\$	13.69
086	1MRDOC98381A472	MATL	Dowel Pin, Alloy Steel, 3/32"x3/8"	99.00	\$	0.08	\$	8.06
086	1MRDOC98381A472	MATL	Dowel Pin, Alloy Steel, 1/8"x5/8"	90.00	\$	0.11	\$	10.24
086	1MRDOC98381A472	MATL	0-50 PSIG REGULARTOR	2.00	\$	233.00	\$	466.00
086	1MRDOCE101SYZQE	MATL	Toggle Switch	4.00	\$	5.53	\$	22.12
086	1MRDOCGLYCEROL-WATER01	MATL	GLYCEROL WATER SOLUTION, SAMPLE 1 - 45%	1.00	\$	-	\$	-
086	1MRDOCGLYCEROL-WATER02	MATL	GLYCEROL WATER SOLUTION, SAMPLE 2 - 64%	1.00	\$	-	\$	-
086	1MRDOCGLYCEROL-WATER03	MATL	GLYCEROL WATER SOLUTION, SAMPLE 3 - 75%	1.00	\$	-	\$	-
086	1MRDOCMAFC05191	MATL	Voltek Minicel L200 White 48x54 x 1" sliced Sheet	1.00	\$	37.90	\$	37.90
086	1MRDOCMAFC06222	MATL	Voltek Minicel L200 White 48x54 x 1" sliced Sheet	1.00	\$	103.41	\$	206.82
086	1MRDOCNAS1352C08-10	MATL	Screw 8-32 x 5/8 Ig SJCS 300	2.00	\$	10.00	\$	750.00
086	1MRDOCNAS1352C08-16	MATL	UNRC 3 x 1 Inch Long Socket Head	75.00	\$	10.00	\$	1,860.00
086	1MRDOCNAS1352C08-28	MATL	SHCS	186.00	\$	10.00	\$	1,690.00
086	1MRDOCSBM08015MIC	MATL	8 X 1.5 mm COATED STIR BAR	169.00	\$	2.00	\$	36.00
086	1MRDOCSBM0803REC	MATL	8 X 3 MM RARE EARTH MAGNET	18.00	\$	5.00	\$	180.00
086	1MRDOCSBM12045CYL	MATL	12 X 4.55 mm COATED STIR BAR	36.00	\$	1.50	\$	30.00
086	1MRDOCSDG32105720-024	MATL	DECAL, IMS BARCODE	20.00	\$	3.00	\$	3.00
086	1MRDOCSDG32109754-002	MATL	DECAL, BCAT-4	1.00	\$	3.00	\$	3.00
086	1MRDOCSKD39123122-211	MATL	DECAL, NON HAZARDOUS	2.00	\$	3.00	\$	6.00
086	1MRDOCSKICE-SK100	MATL	VERTICAL FRAME	2.00	\$	3.00	\$	6.00
086	1MRDOCSS-4FW4-15	MATL	Micron Swagelok Filter	1.00	\$	1,195.25	\$	1,195.25
086	1MRDOCSS-QC4-D-400	MATL	1/4" Swagelok Fitting QD	5.00	\$	45.00	\$	225.00
086	1MRDOCSSURFACTANT	MATL	DISPERSED SURFACTANT, P & G PRACTICE SAMPLE	5.00	\$	23.70	\$	118.50
086	1MRDOCNAS1352C08-10	MATL	Screw 8-32 x 5/8 Ig SJCS 300	1.00	\$	-	\$	-
				5.00	\$	10.00	\$	50.00

086 1MRDOCNAS1352C08-16	MATL	UNRC 3 x 1 Inch Long Socket Head			
086 1MRDOCNAS1352C08-28	MATL	SHCS	\$ 10.00	\$	50.00
			\$ 10.00	\$	50.00
TOTAL MATERIALS DO 086				\$	240,055.11

SPECIAL TEST EQUIPMENT DO 086

Inventory ID	1018 Code	PO/Description	Unit Cost	Total Cost
00 00 SDL-STD04-004	STE	CSLM Vibe Plate	\$ 1,400.00	\$ 1,400.00
00 00 VIB SDL 005	STE	Vibe Plate InSpace (Glovebox Exp.)	\$ 1,200.00	\$ 1,200.00
TOTAL SPECIAL TEST EQUIPMENT DO 086			\$	2,600.00

EQUIPMENT DO 087

Inventory ID	1018 Code	PO/Description	Quantity	Unit Cost	Total Cost
087	2COMPHINSIRON-9100	Dell Computer	1.00	\$ 4,609.72	\$ 4,609.72
087	1MRDOCUSBG-232	USB to 232 Adapter	7.00	\$ 19.95	\$ 139.65
087	1MRDOCUSBG-H217	USB 7 Port HUB	1.00	\$ 24.98	\$ 24.98
087	1MRDOC11618RB	Diamond Drill Bit 1/16"	2.00	\$ 12.00	\$ 24.00
087	1MRDOC1651A	BK Precision, tripple output DC Power Supply	1.00	\$ 495.00	\$ 495.00
087	1MRDOC2008119	HAAKE F8-C50 REFRIGERATED HEATING CIRCULATOR	1.00	\$ 6,019.00	\$ 6,019.00
087	1MRDOC2831C	BK Precision Digital Multimeter	1.00	\$ 695.00	\$ 695.00
087	1MRDOC30-2089-SD-02L-60	Digital Pressure Gauge, 60 psig	1.00	\$ 798.86	\$ 798.86
087	1MRDOC34DSD	3/4" Diamond Disc	4.00	\$ 3.00	\$ 12.00
087	1MRDOC4127K12	Thermocouple Reader	1.00	\$ 272.63	\$ 272.63
087	1MRDOC700X	Gateway CPU (includes Keyboard and Mouse	1.00	\$ 500.00	\$ 500.00
087	1MRDOC731-4012	2 Mhz Function Generator	1.00	\$ 250.00	\$ 250.00
087	1MRDOC74718545	1" Dia. End Mill	1.00	\$ 29.02	\$ 29.02
087	1MRDOC7503K23	AC Outlet Power Strip 8 Outlets	4.00	\$ 53.30	\$ 213.20
087	1MRDOCB77-BARSI	HFE-7000 De-Gas System	1.00	\$ 29,524.50	\$ 29,524.50
087	1MRDOCCINEGON 2.0/5.3	C-Mount Camera Lens	1.00	\$ 1,220.00	\$ 1,220.00
087	1MRDOCCLL-007-WHT	White LED Lineight	1.00	\$ 384.00	\$ 384.00
087	1MRDOCCDR150-18B	Power Supply	1.00	\$ 300.00	\$ 300.00
087	1MRDOCD5345	Stanford Research Synthesized Function Generator	1.00	\$ 1,595.00	\$ 1,595.00
087	1MRDOCE3616A	Power Supply	1.00	\$ 250.00	\$ 250.00
087	1MRDOCEW-07131-96	Diaphragm Pump, 3.0 LPM	1.00	\$ 1,070.00	\$ 1,070.00
087	1MRDOCG112-4	Turbine Flow Meter, 0.2 LPM	1.00	\$ 599.00	\$ 599.00
087	1MRDOCG112-7	Turbine Flow Meter, 2.0 LPM	1.00	\$ 599.00	\$ 599.00
087	1MRDOCG112-8	Turbine Flow Meter, 5.0 LPM	1.00	\$ 649.00	\$ 649.00
087	1MRDOCG43305MBX100	Flange Leak Test Fixture	1.00	\$ 4,102.30	\$ 4,102.30
087	1MRDOCG43305MBX200	Fluids Breadboard Test Tank	1.00	\$ 390.55	\$ 390.55
087	1MRDOCGJ-N23-P-F1-S-E	Bellows Hardware	1.00	\$ 63.51	\$ 63.51
087	1MRDOCHP837-016	Gear Pump & Controller	1.00	\$ 1,295.00	\$ 1,295.00
087	1MRDOCHS701-20	Diamond Drill Bit 1/16"	3.00	\$ 6.95	\$ 20.85
087	1MRDOCHV-F31CL	20" Goosneck Halogen Lamp	1.00	\$ 160.00	\$ 160.00
087	1MRDOCL7340130	Color 3-CCD Camera	1.00	\$ 3,815.00	\$ 3,815.00
087	1MRDOCL9090305	Vac Meter, PanelVac	1.00	\$ 150.00	\$ 150.00
087	1MRDOCLC-035	Vac Gauge, Convex Torr, NW16	1.00	\$ 800.00	\$ 800.00
087	1MRDOCLC-061	Thermoelectric Cooler, 35W	1.00	\$ 223.00	\$ 223.00
087	1MRDOCMAN-116	Thermoelectric Cooler, 61W	1.00	\$ 274.00	\$ 274.00
087	1MRDOCPENTUM 4, XP	1/8" Mandrel	1.00	\$ 2.59	\$ 2.59
087	1MRDOCT-20	Desktop Computer System	1.00	\$ 2,373.75	\$ 2,373.75
087	1MRDOCUINO 030 B	Camera Tripod	1.00	\$ 100.00	\$ 100.00
087	2TOOLS4065	Vacuum Pump	1.00	\$ 2,000.00	\$ 2,000.00
		Tap Wrench, Ratchet Handle, 0-1/4	1.00	\$ 24.95	\$ 24.95

087	1MRDCCMS33649-5S	EQU	Porting Tool; 1/2-20 thread	1.00	\$	144.31	\$	144.31
087	1MRDOCUSBG-7U2	EQU	7-Port USB 2.0 Powered Slim Hub	1.00	\$	29.99	\$	29.99
DO 087	166	EQU	PULSE/FUNCTION GENERATOR	1.00	\$	3,067.00	\$	3,067.00
DO 087	3322	EQU	LCZ METER WITH 3323A TEST FIXTURE AND MANUAL	1.00	\$	4,745.00	\$	4,745.00
DO 087	1105468EFRS30V	EQU	Digital Pressure Gauge, 30 psig	1.00	\$	198.00	\$	198.00
DO 087	34901A	EQU	Multiplexer, 20 Channel Armature Module	1.00	\$	404.12	\$	404.12
DO 087	34901A	EQU	Multiplexer, 20 Channel Armature Module	1.00	\$	404.12	\$	404.12
DO 087	34901A	EQU	Multiplexer, 20 Channel Plug-in for 34970A	1.00	\$	471.00	\$	471.00
DO 087	34901A	EQU	Multiplexer, 20 Channel Armature Module	1.00	\$	404.12	\$	404.12
DO 087	34901A	EQU	Multiplexer, 20 Channel Armature Module	1.00	\$	404.12	\$	404.12
DO 087	34901A	EQU	Multiplexer, 20 Channel Armature Module	1.00	\$	404.12	\$	404.12
DO 087	34901A	EQU	Multiplexer, 20 Channel Armature Module	1.00	\$	404.12	\$	404.12
DO 087	34903A	EQU	Actuator/GP Switch, 20 channel	1.00	\$	421.00	\$	421.00
DO 087	34908A	EQU	Multiplexer Module, 40 channel for the 34970A	1.00	\$	489.00	\$	489.00
DO 087	34908A	EQU	Multiplexer Module, 40 channel for the 34970A	1.00	\$	489.00	\$	489.00
DO 087	34970A	EQU	Data Acquisition/Switch Unit	1.00	\$	1,390.11	\$	1,390.11
DO 087	34970A	EQU	Data Acquisition/Switch Unit	1.00	\$	1,390.11	\$	1,390.11
DO 087	700-113	EQU	Data Acquisition System/Switch Unit	1.00	\$	1,390.11	\$	1,390.11
DO 087	8024B	EQU	Caliper, 6" lite Electronic	1.00	\$	69.99	\$	69.99
DO 087	8116A	EQU	MULTIMETER, Handheld	1.00	\$	259.00	\$	259.00
DO 087	BK7	EQU	PULSE/FUNCTION GENERATOR	1.00	\$	1,778.00	\$	1,778.00
DO 087	MT80-500-465	EQU	NEWPORT LENS KIT CYLINDER	1.00	\$	75.00	\$	75.00
DO 087	PS280	EQU	Caliper, Digi-Matic Solar Powered, 8"	1.00	\$	254.00	\$	254.00
DO 087	TDS340A	EQU	Tektronix Power Supply	1.00	\$	100.00	\$	100.00
DO 087	TDS520B	EQU	Oscilloscope, Digital	1.00	\$	3,395.00	\$	3,395.00
DO 087	TL8-3	EQU	DIGITAL OSCILLISCOPE	1.00	\$	13,177.17	\$	13,177.17
DO 087		EQU	POWER SUPPLY	1.00	\$	552.00	\$	552.00
DO 087		EQU	36 2 DOOR STORAGE CABINET	1.00	\$	160.00	\$	160.00
	TOTAL EQUIPMENT DO 087			85.00	\$		\$	104,332.80

MATERIALS DO 087

Inventory ID	1018 Code	PO/Description	Quantity	Unit Cost	Total Cost
087	1MRDOC4045A2	Kistler Pressure Sensor	1.00	\$ 1,265.00	\$ 1,265.00
087	1MRDOC4765B2	Cable	1.00	\$ 185.00	\$ 185.00
087	1MRDOC60108MBD9036	tensile test blank	15.00	\$ 23.00	\$ 345.00
087	1MRDOC7972A225	Brazing Rod	1.00	\$ 15.69	\$ 15.69
087	1MRDOCF2020-1000-1/3B	RTD Element 100 OHM	198.00	\$ 2.25	\$ 445.50
087	1MRDOCHK516ZR52.3L12B	Heater 1/2 x 6"	2.00	\$ 33.85	\$ 67.70
087	1MRDOCIPX-2M30-GMCB	2M PIXEL MONO CAMERA	1.00	\$ 5,245.00	\$ 5,245.00
087	1MRDOCPS12V04	POWER SUPPLY	1.00	\$ 90.00	\$ 90.00
087	1MRDOCISBN 0-38795-4821	Book, "Level Set Methods and Dynamic Implicit Surfaces"	1.00	\$ 60.00	\$ 60.00

087	1MRDOC8710K153	MATL	Grade G-11 Garolite Sheet 1" Thick, 12" X 12"	26.00	\$	1.00	\$	26.05
087	1MRDOCSS-400-1-ORBT	MATL	1/4" O-Seal Fitting, Bored Thru	2.00	\$	13.60	\$	27.20
087	1MRDOCC30603-07	MATL	SUBMERSIBLE PUMP	1.00	\$	39.95	\$	39.95
087	1MRDOC1 X 3/4 VINYL	MATL	1" OD x 3/4" ID Black Vinyl Hose	1.00	\$	20.00	\$	20.00
087	1MRDOC1/2 X 3/8 TYGON	MATL	1/2" OD x 3/8" ID Tygon Tubing	1.00	\$	20.00	\$	20.00
087	1MRDOC2-010-B-70	MATL	Buna O-Ring, -010 Size	100.00	\$	0.02	\$	2.00
087	1MRDOC2-011-B-70	MATL	Buna O-Ring, -011 Size	100.00	\$	0.02	\$	2.00
087	1MRDOC2-111-E540-80	MATL	EP O-Ring, -111 Size	17.00	\$	0.16	\$	2.72
087	1MRDOC2-259-B612-70	MATL	Butyl O-Ring, -259 Size	38.00	\$	0.85	\$	32.30
087	1MRDOC2-263-E540-80	MATL	EP O-Ring, -263 Size	8.00	\$	2.43	\$	19.44
087	1MRDOC2271K3	MATL	Kapton Film	1.00	\$	19.50	\$	19.50
087	1MRDOC280001	MATL	24VDC ELECTROMAGNET DRIVE	1.00	\$	441.00	\$	441.00
087	1MRDOC2898K13	MATL	1/4" White Polypropylene Sheet	1.00	\$	0.94	\$	0.94
087	1MRDOC291220-1	MATL	Bulbs for HS701 Lamp 12V 20W	12.00	\$	7.17	\$	86.00
087	1MRDOC296-1563-5-ND	MATL	TI SN74H500 NAND Gate	10.00	\$	0.48	\$	4.80
087	1MRDOC296-1566-5-ND	MATL	TI SN74HC04 Hex Inverter	10.00	\$	0.44	\$	4.40
087	1MRDOC296-8217-5-ND	MATL	TI SN74HC11 AND Gate	10.00	\$	0.48	\$	4.80
087	1MRDOC29F204	MATL	YSI 44008 Thermistor	4.00	\$	9.20	\$	36.80
087	1MRDOC29F205	MATL	YSI 44011 Thermistor	4.00	\$	8.83	\$	35.32
087	1MRDOC3/8 X 1/32	MATL	3/8" OD x 1/32" Plastic Tube	1.00	\$	26.00	\$	20.00
087	1MRDOC300Z003	MATL	Connector, male 768L x 3/8 x 1/8 nat SS	5.00	\$	7.98	\$	39.90
087	1MRDOC304-16-XAO	MATL	1" XOC Adapter	4.00	\$	50.00	\$	200.00
087	1MRDOC3201187	MATL	Valve needle	1.00	\$	52.03	\$	52.03
087	1MRDOC321-16-X-12	MATL	1" Flexible Metal Hose, 1' Lg.	1.00	\$	100.00	\$	100.00
087	1MRDOC321-16-X-24	MATL	1" Flexible Metal Hose, 2' Lg.	1.00	\$	150.00	\$	150.00
087	1MRDOC321-16-X-36	MATL	1" Flexible Metal Hose, 3' Lg.	3.00	\$	200.00	\$	600.00
087	1MRDOC3871K53	MATL	Thermocouple, 1/4" Probe, Type J	8.00	\$	18.42	\$	147.36
087	1MRDOC438-1048-ND	MATL	Solderless Breadboard & Wire Set	2.00	\$	37.45	\$	74.90
087	1MRDOC497-2598-5-ND	MATL	2N2222A Transistor	10.00	\$	0.86	\$	8.60
087	1MRDOC5/8 X 1/2 TYGON	MATL	5/8" OD x 1/2" ID Tygon Tubing	1.00	\$	20.00	\$	20.00
087	1MRDOC528-976AH-5D	MATL	Magnecraft PCB Relay	5.00	\$	2.72	\$	13.60
087	1MRDOC5415K21	MATL	HOSE CLAMP	10.00	\$	0.68	\$	6.76
087	1MRDOC5415K43	MATL	HOSE CLAMP	10.00	\$	1.49	\$	14.88
087	1MRDOC5520K89	MATL	Coupling Tube	6.00	\$	0.27	\$	1.62
087	1MRDOC60108MBD9011	MATL	TANK TOP REALISTIC BREADBOARD	3.00	\$	672.00	\$	2,016.00
087	1MRDOC60108MBD9012	MATL	TEST TANK BOTTOM REALISTIC BREADBOARD	1.00	\$	675.00	\$	675.00
087	1MRDOC60108MBD9012	MATL	TEST TANK BOTTOM REALISTIC BREADBOARD	1.00	\$	675.00	\$	675.00
087	1MRDOC60108MBD9014	MATL	COMPRESSION RING REALISTIC BREADBOARD	1.00	\$	115.00	\$	115.00
087	1MRDOC60108MBD9021	MATL	VACUUM JACKET CENTER	1.00	\$	7,250.00	\$	7,250.00
087	1MRDOC60108MBD9023	MATL	VACUUM JACKET TOP	1.00	\$	925.00	\$	925.00
087	1MRDOC60108MBD9024	MATL	VACUUM JACKET BOTTOM	1.00	\$	1,450.00	\$	1,450.00
087	1MRDOC60108MBD9027	MATL	FRAME, SMALL, VACUUM JACKET ASSEMBLY	1.00	\$	245.57	\$	245.57
087	1MRDOC60108MBD9028	MATL	FRAME, LARGE, VACUUM JACKET ASSEMBLY	1.00	\$	269.14	\$	269.14

Item ID	Material	Description	Quantity	Unit Price	Total Price
087	1MRDOC60108MBD9029	Cover, Beam Stop, Realistic Breadboard	1.00	\$ 294.24	\$ 294.24
087	1MRDOC60108MBD9030	Vacuum Jacket Window Small	2.00	\$ 1,340.00	\$ 2,680.00
087	1MRDOC60108MBD9031	Vacuum Jacket Window Large	1.00	\$ 2,470.00	\$ 2,470.00
087	1MRDOC678-26-2	Perfluoro-n-pentane 99.6% Purify	6.00	\$ 1,100.00	\$ 6,600.00
087	1MRDOC710	Copper Wool Fine Grade Alloy 101	1.00	\$ 50.50	\$ 50.50
087	1MRDOC735-5338	TI SN74HC125 Quad Bus Buffer	10.00	\$ 0.40	\$ 4.00
087	1MRDOC74985A71	Adhesive Super Bonder 498 1oz	1.00	\$ 20.41	\$ 20.41
087	1MRDOC7520A13	Locitite Super Bonder 495 Super Glue Begins To Harden In 20 S	2.00	\$ 3.31	\$ 6.62
087	1MRDOC7693A1	Paste; White Silver Brazing Paste Flux; 1lb Jar	1.00	\$ 8.86	\$ 8.86
087	1MRDOC76965A65	Wire; Silver with Nickel Alloy; Coil	1.00	\$ 19.99	\$ 19.99
087	1MRDOC801-016	ROUND BALL 1.6 MM	3.00	\$ 3.80	\$ 11.40
087	1MRDOC8300D58U	3-Way Solenoid Valve, Cv=.35	2.00	\$ 326.82	\$ 653.64
087	1MRDOC8320P174	3-Way Solenoid Valve, Cv=.23	2.00	\$ 101.40	\$ 202.80
087	1MRDOC833-IN4005	MCC 1N4005 Diode	10.00	\$ 0.05	\$ 0.50
087	1MRDOC8486K377	Clear Cast Acrylic Hollow Rod 4"	2.00	\$ 16.45	\$ 32.90
087	1MRDOC8486K657	7" OD x 6.25" ID Acrylic Tube	1.00	\$ 137.21	\$ 137.21
087	1MRDOC8486K938	6" OD x 5.5" ID Acrylic Tube	1.00	\$ 73.11	\$ 73.11
087	1MRDOC8503K244	1/4" PEEK Rod	1.00	\$ 17.43	\$ 17.43
087	1MRDOC8531K11	Clear Extruded Acrylic Rod 1/8" Dia, 6' Length	72.00	\$ 0.00	\$ 0.35
087	1MRDOC8546K11	Teflon PTFE Rod 1/4" Dia.	1.00	\$ 4.47	\$ 4.47
087	1MRDOC8560K357	1/4" Acrylic Sheet, 24" x 24"	1.00	\$ 43.84	\$ 43.84
087	1MRDOC8581K37	Clear Acrylic Disc Extruded 6" Dia	2.00	\$ 8.09	\$ 16.18
087	1MRDOC8585K23-1 FT	6" OD x 5.75" ID Lexan Tube	1.00	\$ 28.44	\$ 28.44
087	1MRDOC8609K22	1/16" Butyl Rubber Sheet	1.00	\$ 9.16	\$ 9.16
087	1MRDOC8742K25	1/2" Polypropylene Sheet	1.00	\$ 0.94	\$ 0.94
087	1MRDOC89895K23	1/4" x .035" Wall SS Tubing	3.00	\$ 14.40	\$ 43.20
087	1MRDOC89895K28	1/4" x .035" Wall SS Tubing	2.00	\$ 26.40	\$ 52.80
087	1MRDOC89895K724	TUBING, 304SS, 1/4" O.D. X .035" WALL, 6 FT	7.00	\$ 17.33	\$ 121.31
087	1MRDOC89895K737	TUBING; STAINLESS 3/8"x.035" WALL 6' L	2.00	\$ 24.28	\$ 48.56
087	1MRDOC89895K744	TUBING; STAINLESS 1/2"x.035" WALL 6'L	1.00	\$ 28.71	\$ 28.71
087	1MRDOC9008K141-1 FT	1" x 1" Aluminum Bar, 12" Lg.	2.00	\$ 11.96	\$ 23.92
087	1MRDOC90945A726	NAS620-C8 WASHER	250.00	\$ 0.02	\$ 5.00
087	1MRDOC90945A741	No. 10 Flat Washer	100.00	\$ 0.06	\$ 6.00
087	1MRDOC91240A009	8-32 Hex Nut	25.00	\$ 0.42	\$ 10.50
087	1MRDOC91841A029	1/4" -20 Hex Nut	92.00	\$ 0.06	\$ 5.52
087	1MRDOC92141A029	1/4" Flat Washer	88.00	\$ 0.02	\$ 1.76
087	1MRDOC92196A195	8-32 x 5/8" SHCS	100.00	\$ 0.05	\$ 5.00
087	1MRDOC92196A197	8-32 x 3/4" SHCS	100.00	\$ 0.06	\$ 6.00
087	1MRDOC92196A206	8-32 x 2.25" SHCS	9.00	\$ 0.25	\$ 2.25
087	1MRDOC92196A274	10-32 x 1" SHCS	100.00	\$ 0.09	\$ 9.00
087	1MRDOC9251T92	Thermocouple, Bare, Type J	6.00	\$ 14.90	\$ 89.40
087	1MRDOC92949A152	SCREW #6-32 X .875LG BHC	100.00	\$ 0.08	\$ 7.79
087	1MRDOC9452K178	Buna-N O-Ring AS568A Dash Number 158	25.00	\$ 0.29	\$ 7.27

087	1MRDOC9452K319	MATL	una-N O-Ring AS568A Dash Number 156	25.00	\$	0.26	\$	6.55
087	1MRDOC9464K01	MATL	Viton O-ring AS568A-250	5.00	\$	2.29	\$	11.46
087	1MRDOC9464K116	MATL	Viton O-ring AS568A-158	4.00	\$	1.94	\$	7.76
087	1MRDOC9464K18	MATL	Viton O-Rings, -013 Size	100.00	\$	0.09	\$	9.00
087	1MRDOC9464K237	MATL	Viton O-Ring, -237 Size	10.00	\$	1.25	\$	12.50
087	1MRDOC9464K441	MATL	Viton O-ring AS568A-044	10.00	\$	0.79	\$	7.88
087	1MRDOC9464K451	MATL	O-Rings Viton AS568A-045	10.00	\$	0.86	\$	8.55
087	1MRDOC9464K519	MATL	Viton O-ring AS568A-156	4.00	\$	1.87	\$	7.48
087	1MRDOC9464K526	MATL	Viton O-Ring AS568A Dash Number 165	2.00	\$	2.88	\$	5.75
087	1MRDOC9464K546	MATL	Viton O-Ring AS568A-245	5.00	\$	2.03	\$	10.15
087	1MRDOC9464K559	MATL	Viton O-ring AS568A-261	2.00	\$	3.76	\$	7.52
087	1MRDOC9557K81	MATL	EPDM O-Ring, -237 Size	10.00	\$	0.51	\$	5.10
087	1MRDOC98017A625	MATL	No. 8 Flat Washer	484.00	\$	0.02	\$	9.68
087	1MRDOCA727-ND	MATL	SOIC to DIP Adapter	3.00	\$	6.97	\$	20.91
087	1MRDOCAL4306L	MATL	2-Way Miniature Solenoid Valves	4.00	\$	89.70	\$	358.80
087	1MRDOCAS568-248	MATL	VITON O-RING	2.00	\$	2.08	\$	4.15
087	1MRDOCAS568-261	MATL	VITON O-RING	1.00	\$	3.76	\$	3.76
087	1MRDOCB-44XS6	MATL	3-Way Ball Valve, 3/8"	2.00	\$	75.00	\$	150.00
087	1MRDOCCLAMPS	MATL	C-Clamps	4.00	\$	50.00	\$	200.00
087	1MRDOCDDH44-TO-BNCC/O	MATL	RGB Camera Cable, 6' Lg.	1.00	\$	95.00	\$	95.00
087	1MRDOCE6-0015	MATL	SOT23-6 to DIP-6 Adapter	3.00	\$	5.25	\$	15.75
087	1MRDOCE8-0047	MATL	MSOP-8 to DIP-8 Adapter	3.00	\$	5.95	\$	17.85
087	1MRDOCG433-OPTICS1	MATL	Optics Breadboard Tank - Round	1.00	\$	84.07	\$	84.07
087	1MRDOCG433-OPTICS2	MATL	Optics Breadboard Tank - Square	1.00	\$	32.88	\$	32.88
087	1MRDOCG433-TUBING	MATL	Fluids Breadboard Tubing	1.00	\$	355.30	\$	355.30
087	1MRDOCG628	MATL	2 X 6 SUPERPHOBIC MEMBRANE CONTACTOR	1.00	\$	475.00	\$	475.00
087	1MRDOCGA-T23JVSM	MATL	2 X 6 SUPERPHOBIC MEMBRANE CONTACTOR	3.00	\$	475.00	\$	1,425.00
087	1MRDOCHF-7000	MATL	GEAR PUMP GA SERIES	1.00	\$	584.00	\$	584.00
087	1MRDOCHK5160R157L12	MATL	Experiment Fluid, 30 lbs.	30.00	\$	21.55	\$	646.50
087	1MRDOCHK5161R78.4L12B	MATL	Kapton Heater, 1/2 x 2"	2.00	\$	31.55	\$	63.10
087	1MRDOCHK5162R52.3L12F	MATL	Heater 1/2 x 4"	2.00	\$	33.85	\$	67.70
087	1MRDOCHK5164R78.4L12F	MATL	Thermofoil Heater	6.00	\$	38.45	\$	230.70
087	1MRDOCHK516ZR52.3L12B	MATL	Thermofoil Heater	5.00	\$	35.90	\$	179.50
087	1MRDOCHK5172R220L12	MATL	Heater 1/2 x 6"	5.00	\$	33.85	\$	169.25
087	1MRDOCHK5240R70.2L12B	MATL	Kapton Heater, 2" x 6"	2.00	\$	38.35	\$	76.70
087	1MRDOCHK5240R70.2L12E	MATL	THERMOFOIL HEATER	3.00	\$	33.85	\$	101.55
087	1MRDOCHK5336R23.5L12F	MATL	THERMOFOIL HEATER	3.00	\$	38.45	\$	115.35
087	1MRDOCHK5336R48.9L12F	MATL	Thermofoil Heater	3.00	\$	39.75	\$	119.25
087	1MRDOCHK5336R80.9L12F	MATL	Thermofoil Heater	3.00	\$	39.75	\$	119.25
087	1MRDOCHV-F31CABLE1	MATL	Kapton Thermofoil Heater	4.00	\$	39.75	\$	159.00
087	1MRDOCHV-F31CABLE2	MATL	CameraLink Cable, 3 m Lg.	1.00	\$	125.00	\$	125.00
087	1MRDOGINA125P-ND	MATL	12-Pin Camera Cable, 2 m Lg.	1.00	\$	89.00	\$	89.00
			TI Instrument Amplifier IC	10.00	\$	5.10	\$	51.00

087	1MRDOCK050-RHA	MATL	16NW to 1/2" Hose Barb	2.00	\$	10.00	\$	20.00
087	1MRDOCK100-RHA	MATL	25NW to 3/4" Hose Barb	2.00	\$	10.00	\$	20.00
087	1MRDOCKAMP250125S	MATL	25NW to 1/8" Male NPT	1.00	\$	50.00	\$	50.00
087	1MRDOCKASW025016	MATL	16NW to 1/4" Swagelok	3.00	\$	50.00	\$	150.00
087	1MRDOCKC16SV	MATL	16NW Centering Ring	7.00	\$	10.00	\$	70.00
087	1MRDOCKC25SV	MATL	25NW Centering Ring	12.00	\$	10.00	\$	120.00
087	1MRDOCKF250000SB	MATL	25NW Blank	2.00	\$	10.00	\$	20.00
087	1MRDOCKQ16AWP	MATL	16NW Clamps	6.00	\$	10.00	\$	60.00
087	1MRDOCKQ25AWP	MATL	25NW Clamps	10.00	\$	10.00	\$	100.00
087	1MRDOCKRS1625	MATL	16NW to 25NW Adapter	1.00	\$	50.00	\$	50.00
087	1MRDOCKS250110197	MATL	1" Tube to 25NW Adapter	4.00	\$	50.00	\$	200.00
087	1MRDOCKT00750150	MATL	16NW Tee	1.00	\$	50.00	\$	50.00
087	1MRDOCKT01000197	MATL	25NW Tee	3.00	\$	50.00	\$	150.00
087	1MRDOCL91223010	MATL	Convectorr Cable, 10' Lg.	1.00	\$	50.00	\$	50.00
087	1MRDOCLC-CUSTOM	MATL	Thermochromic Liquid Crystals	3.00	\$	1,000.00	\$	3,000.00
087	1MRDOCLTC1966CMS8-ND	MATL	RMS to DC Converter	5.00	\$	5.88	\$	29.40
087	1MRDOCMAX9051AEUT	MATL	SINGLE SUPPLY COMPORATOR	10.00	\$	2.00	\$	20.00
087	1MRDOCMC14490POS-ND	MATL	Motorola MC14490P Debounce IC	3.00	\$	5.12	\$	15.36
087	1MRDOCMODEL 346	MATL	Foreline Trap/Filter	1.00	\$	500.00	\$	500.00
087	1MRDOCMS51830-103	MATL	6-32 Internal 12-28 External Insert SS	46.00	\$	2.00	\$	92.00
087	1MRDOCMS51830-104	MATL	KEENSERT 8-32 SS	32.00	\$	2.00	\$	64.00
087	1MRDOCNAS1101E06-14	MATL	Fastener; #6-32 x .875, Fillister HD, Cres	40.00	\$	1.00	\$	40.00
087	1MRDOCNAS1101E08-14	MATL	Fastener; #8-32 x .875, Fillister HD, Cres	40.00	\$	3.25	\$	130.00
087	1MRDOCNAS1352C04-8	MATL	screw SHCS 4-40 x .50	2.00	\$	0.33	\$	0.65
087	1MRDOCNAS1352C06-8	MATL	SCREW HEX HEAD	46.00	\$	0.18	\$	8.32
087	1MRDOCNAS1352C08-10	MATL	Screw 8-32 x 5/8 lg SJCS 300	8.00	\$	0.43	\$	3.47
087	1MRDOCNAS1352C08-12	MATL	screw 8-32(0.1640) unrc-3x0.7	28.00	\$	0.44	\$	12.24
087	1MRDOCNAS620C-6	MATL	Washer Flat #6 Reduced OD	16.00	\$	0.01	\$	0.17
087	1MRDOCNV-100-SET	MATL	Ferrule Set 1/4"	10.00	\$	0.70	\$	7.00
087	1MRDOCNV-400-SET	MATL	1/4" Nylon Ferrules	10.00	\$	0.53	\$	5.30
087	1MRDOCNV-400-SET	MATL	1/4" Nylon Ferrules	2.00	\$	0.53	\$	1.06
087	1MRDOCONF 025	MATL	Oil Mist Filter	1.00	\$	500.00	\$	500.00
087	1MRDOCORX-11618-6	MATL	Thermocouple Insulator 1/8"ODx6"	5.00	\$	6.00	\$	30.00
087	1MRDOCP4550-KIT-ND	MATL	Capacitor Assortment Kit	1.00	\$	29.95	\$	29.95
087	1MRDOCPF-5050	MATL	Performance Fluid 95% Perfluorpeutane	6.00	\$	86.00	\$	516.00
087	1MRDOCPF-5050	MATL	Performance Fluid 95% Perfluorpeutane	6.00	\$	86.00	\$	516.00
087	1MRDOCPF-5050	MATL	Performance Fluid 95% Perfluorpeutane	6.00	\$	86.00	\$	516.00
087	1MRDOCPTRA-11618-12	MATL	Thermocouple Protection Tube; 1/8"ODx12"Long	2.00	\$	27.00	\$	54.00
087	1MRDOCPTRA-564532-12	MATL	Thermocouple Protection Tube; 5/32"ODx12"	2.00	\$	27.00	\$	54.00
087	1MRDOCRB-14-18-SS	MATL	1/4 to 1/8 Adapter	5.00	\$	5.50	\$	27.50
087	1MRDOCRS125-ND	MATL	Resistor Assortment Kit	1.00	\$	14.95	\$	14.95
087	1MRDOCSAL	MATL	SAL Fluids Reservoir	1.00	\$	100.00	\$	100.00
087	1MRDOCSS-100-R-4BT	MATL	Reducer 1/16"-1/4"	5.00	\$	16.20	\$	81.00

087	1MRDOCSS-102-1	MATL	Nut 1/16"	10.00	\$	2.87	\$	28.70
087	1MRDOCSS-103-1	MATL	Front Ferrule 1/16"	10.00	\$	1.80	\$	18.00
087	1MRDOCSS-104-1	MATL	Back Ferrule 1/16"	10.00	\$	1.72	\$	17.20
087	1MRDOCSS-16-UT-6	MATL	1" Ultra-Torr Union	4.00	\$	200.00	\$	800.00
087	1MRDOCSS-400-1-2	MATL	Male CONN 1/4" Tube OD x 1/8" MNPT	10.00	\$	5.95	\$	59.50
087	1MRDOCSS-400-1-4	MATL	1/4 MALE NPT TO 1/4 TUBE	4.00	\$	6.00	\$	24.00
087	1MRDOCSS-400-1-OR	MATL	1/4" O-Seal Fitting	3.00	\$	10.80	\$	32.40
087	1MRDOCSS-400-1-ORBT	MATL	1/4" O-Seal Fitting, Bored Thru	15.00	\$	12.60	\$	189.00
087	1MRDOCSS-400-1-ORBT	MATL	1/4" O-Seal Fitting, Bored Thru	1.00	\$	12.60	\$	12.60
087	1MRDOCSS-400-3	MATL	UNION TEE	5.00	\$	19.48	\$	97.40
087	1MRDOCSS-400-3	MATL	UNION TEE	5.00	\$	19.48	\$	97.40
087	1MRDOCSS-400-3CP	MATL	1/4 UNION TEE	3.00	\$	19.20	\$	57.60
087	1MRDOCSS-400-4	MATL	UNION CROSS	10.00	\$	35.47	\$	354.70
087	1MRDOCSS-400-C	MATL	Cap For 1/4 Tubing	10.00	\$	4.30	\$	43.00
087	1MRDOCSS-400-C	MATL	Cap For 1/4 Tubing	5.00	\$	4.30	\$	21.50
087	1MRDOCSS-400-NFSET	MATL	NUT AND FERRULE SET 1/4" SIZE	10.00	\$	3.31	\$	33.10
087	1MRDOCSS-400-NFSET	MATL	NUT AND FERRULE SET 1/4" SIZE	50.00	\$	3.31	\$	165.50
087	1MRDOCSS-400-P	MATL	Plug 1/4" Tube	14.00	\$	4.20	\$	58.80
087	1MRDOCSS-400-P	MATL	Plug 1/4" Tube	10.00	\$	4.20	\$	42.00
087	1MRDOCSS-401-PC	MATL	CONNECTOR PORT	5.00	\$	4.92	\$	24.60
087	1MRDOCSS-42S4	MATL	Ball Valve	4.00	\$	54.90	\$	219.60
087	1MRDOCSS-4CA-3	MATL	Check Valve SS 1/4" Swagelok Tube Fittings 3-50PSIG	1.00	\$	52.78	\$	52.78
087	1MRDOCSS-4F-K4-2	MATL	Sintered Filter	1.00	\$	3.70	\$	3.70
087	1MRDOCSS-4F-K4-7	MATL	Filter Element 7 Micron	1.00	\$	3.70	\$	3.70
087	1MRDOCSS-4P4T	MATL	Plug Valve	10.00	\$	47.56	\$	475.60
087	1MRDOCSS-4TF-15	MATL	Removable Filter	1.00	\$	73.50	\$	73.50
087	1MRDOCSS-600-1-2	MATL	3/8" to 1/8" NPT Connector	6.00	\$	6.60	\$	39.60
087	1MRDOCSS-600-1-OR	MATL	3/8" O-Seal Fitting	4.00	\$	12.80	\$	51.20
087	1MRDOCSS-600-3	MATL	3/8" Tee	4.00	\$	22.60	\$	90.40
087	1MRDOCSS-600-3-6-4	MATL	3/8" to 1/4" Reducing Tee	1.00	\$	30.50	\$	30.50
087	1MRDOCSS-600-3TTF	MATL	Pipe T	5.00	\$	20.20	\$	101.00
087	1MRDOCSS-600-6-4	MATL	3/8" to 1/4" Reducing Union	1.00	\$	12.00	\$	12.00
087	1MRDOCSS-600-C	MATL	3/8" Caps	5.00	\$	5.90	\$	29.50
087	1MRDOCSS-600-NFSET	MATL	NUT AND FERRULE SET 3/8" SIZE	10.00	\$	4.22	\$	42.20
087	1MRDOCSS-600-P	MATL	3/8" Plugs	17.00	\$	4.80	\$	81.60
087	1MRDOCSS-600-R-4	MATL	3/8" to 1/4" Tube Reducer	4.00	\$	9.30	\$	37.20
087	1MRDOCSS-600-R-6	MATL	3/8" to 3/8" Tube Union	4.00	\$	10.30	\$	41.20
087	1MRDOCSS-810-NFSET	MATL	NUT AND FERRULE SET 1/2" SIZE	10.00	\$	6.49	\$	64.90
087	1MRDOCSS-83XKS4	MATL	3-Way Ball Valve, 1/4"	2.00	\$	156.10	\$	312.20
087	1MRDOCSS-CHS6-10	MATL	Check/Relief Valve, 10 psid	2.00	\$	64.00	\$	128.00
087	1MRDOCSS-DLS6	MATL	Diaphragm Valve	6.00	\$	156.00	\$	936.00
087	1MRDOCSSLK-116-18	MATL	Compression Fitting	8.00	\$	14.00	\$	112.00
087	1MRDOCT-400-SET	MATL	1/4" Teflon Ferrules	4.00	\$	1.91	\$	7.64

087	1MRDOCT-400-SET	MATL	1/4" Teflon Ferrules	2.00	\$	1.91	\$	3.82
087	1MRDOCTMTSS-062G-6	MATL	Thermocouple	8.00	\$	24.00	\$	192.00
087	1MRDOC324	MATL	Rheostats 500Ohm .32Amp 50Watts	10.00	\$	12.95	\$	129.50
087	1MRDOC5150E	MATL	Knob for 25/50W Rheostat	10.00	\$	4.82	\$	48.20
087	1MRDOC06-12-2007	MATL	SOLENOID TECH PCB	4.00	\$	54.55	\$	218.21
087	1MRDOC08055C104KAT2A	MATL	CAP CERM .1UF 10% 50V X7R 0805	30.00	\$	0.11	\$	3.30
087	1MRDOC08055C473KAT2A	MATL	Cerm .047UF 10% 50V X7R 0805	10.00	\$	0.11	\$	1.10
087	1MRDOC180-026-203L011	MATL	CONN DB26 FEML HD CLD CUP NICKEL	6.00	\$	7.85	\$	47.10
087	1MRDOC22-05-3031	MATL	Conn Header 3POS .100 R/A TIN	2.00	\$	0.66	\$	1.32
087	1MRDOC2N7002	MATL	TRANS 60V N CHANNEL MOSFET SOT	7.00	\$	0.19	\$	1.32
087	1MRDOC2N7002-7-F	MATL	MOSFET N-CH 60V 115MA SOT-23	94.00	\$	0.30	\$	28.20
087	1MRDOC43020-2200	MATL	CONN PLUG 22POS 3MM DUAL ROW	8.00	\$	1.96	\$	15.68
087	1MRDOC43025-0200	MATL	CONN RECEPT 2POS 3MM VERT DUAL	4.00	\$	0.48	\$	1.92
087	1MRDOC43025-0400	MATL	CONN RECEPT 4POS 3MM VERT DUAL	4.00	\$	0.56	\$	2.24
087	1MRDOC43025-0400	MATL	CONN RECEPT 4POS 3MM VERT DUAL	5.00	\$	0.56	\$	2.80
087	1MRDOC43025-0800	MATL	CONN RECEPT 8POS 3MM VERT DUAL	7.00	\$	0.77	\$	5.39
087	1MRDOC43025-1000	MATL	CONN RECEPT 10POS 3MM VERT DUAL	4.00	\$	0.89	\$	3.56
087	1MRDOC43025-1200	MATL	CONN RECEPT 12POS 3MM VERT DUAL	5.00	\$	1.12	\$	5.60
087	1MRDOC43025-1400	MATL	CONN Recept 14POS 3MM Dual Row	6.00	\$	1.24	\$	7.44
087	1MRDOC43025-1600	MATL	CONN RECEPT 16POS 3MM DUAL ROW	4.00	\$	1.43	\$	5.72
087	1MRDOC43025-2400	MATL	CONN RECEPT 24POS 3MM DUAL ROW	16.00	\$	1.90	\$	30.34
087	1MRDOC43030-0003	MATL	CONN TERM FEMALE 20-24AWG 30GOLD	230.00	\$	0.09	\$	21.78
087	1MRDOC43030-0007	MATL	CONN TERM FEMALE 20-24AWG TIN	91.00	\$	0.09	\$	8.12
087	1MRDOC43030-0012	MATL	CONN TERM FEMALE 26-30AWG GOLD	100.00	\$	0.16	\$	16.11
087	1MRDOC43045-0202	MATL	CONN HEADER 2POS 3MM R/A GOLD	4.00	\$	1.79	\$	7.16
087	1MRDOC43045-0402	MATL	CONN HEADER 4POS 3MM R/A GOLD	4.00	\$	2.45	\$	9.80
087	1MRDOC43045-0802	MATL	CONN HEADER 4POS 3MM R/A GOLD	7.00	\$	2.45	\$	17.15
087	1MRDOC43045-1002	MATL	CONN HEADER 8POS 3MM R/A GOLD	7.00	\$	3.78	\$	26.46
087	1MRDOC43045-1202	MATL	CONN HEADER 10POS 3MM R/A GOLD	4.00	\$	4.43	\$	17.72
087	1MRDOC43045-1402	MATL	CONN HEADER 12POS 3MM R/A GOLD	5.00	\$	5.57	\$	27.85
087	1MRDOC43045-1602	MATL	CONN HEADER 14POS 3MM R/A GOLD	6.00	\$	5.75	\$	34.50
087	1MRDOC43045-2202	MATL	CONN HEADER 16POS 3MM R/A GOLD	2.00	\$	5.75	\$	11.50
087	1MRDOC60108EBL9105	MATL	CONN HEADER 22POS 3MM R/A GOLD	4.00	\$	6.41	\$	25.64
087	1MRDOC60108EBS9104	MATL	Printed Circuit Board - 2 wire Signal Conditioning Card	5.00	\$	9.60	\$	48.00
087	1MRDOC60108EBS9104	MATL	2 Wire Signal Conditioning Card	7.00	\$	37.33	\$	261.34
087	1MRDOC60108EBS9104	MATL	BRACKET MOUNTING RESISTOR	1.00	\$	2,371.06	\$	2,371.06
087	1MRDOC60108EBS9104	MATL	CAP CERM 1000PF 16V C0G 5% 0805	30.00	\$	0.35	\$	10.50
087	1MRDOC60108EBS9104	MATL	CAP CERM 10000PF 16V C0G 5% 0805	10.00	\$	0.11	\$	1.08
087	1MRDOC60108EBS9104	MATL	FUSE 10A 125V FAST MICROTRON	10.00	\$	0.23	\$	2.32
087	1MRDOC60108EBS9104	MATL	FUSE 2A 125V FAST MICROTRON	10.00	\$	0.65	\$	6.54
087	1MRDOC60108EBS9104	MATL	Mosfet N-CH 60V 12A TO-220	10.00	\$	0.65	\$	6.54
087	1MRDOC60108EBS9104	MATL	IC Switch Smart Lowside D-Pack	8.00	\$	4.30	\$	34.40
087	1MRDOC60108EBS9104	MATL		8.00	\$	3.98	\$	31.84

087	1MRDOCBTS441RSNK	MATL	Smart Highside Power Switch	12.00	\$	2.25	\$	27.00
087	1MRDOCC0805C105K4RACTU	MATL	CAP 1.0UF 16V CERAMIC X7R 0805	36.00	\$	0.10	\$	3.42
087	1MRDOCC0805KRX7R8BB104	MATL	CAP .10UF 25V CERAMIC X7R 0805	16.00	\$	0.04	\$	0.67
087	1MRDOCC0805KRX7R9BB104	MATL	CAP .10UF 50V CERAMIC X7R 0805	167.00	\$	0.06	\$	9.24
087	1MRDOCCRCW08050000Z0EA	MATL	RES 0.0 OHM 1/8W 5% 0805 SMD	20.00	\$	0.03	\$	0.64
087	1MRDOCCRCW080510K0FKEA	MATL	RES 10.0K OHM 1/8W 1% 0805 SMD	70.00	\$	0.04	\$	2.59
087	1MRDOCCRCW080510R0FKEA	MATL	RES 10.0 OHM 1/8W 1% 0805 SMD	10.00	\$	0.04	\$	0.37
087	1MRDOCCRCW080512K1FKEA	MATL	RES 12.1K OHM 1/8W 1% 0805 SMD	20.00	\$	0.04	\$	0.74
087	1MRDOCCRCW0805140KFKEA	MATL	Res 140K OHM 1/8W 1% 0805 SMD	10.00	\$	0.04	\$	0.37
087	1MRDOCCRCW08051K00FKEA	MATL	Thick Film Resis 1kohm 150V	10.00	\$	0.04	\$	0.37
087	1MRDOCCRCW0805205KFKEA	MATL	RES 205K Ohm 1/8W 1% 0805 SMD	10.00	\$	0.04	\$	0.37
087	1MRDOCCRCW080520K0FKEA	MATL	Res 20.0k Ohm 1/8W 1% 0805 SMD	10.00	\$	0.06	\$	0.63
087	1MRDOCCRCW080520K5FKEA	MATL	Res 20.5k OHM 1/8W 1% 0805 SMD	10.00	\$	0.04	\$	0.37
087	1MRDOCCRCW0805220RFKEA	MATL	Res 220 Ohm 1/8W 1% 0805 SMD	7.00	\$	0.04	\$	0.26
087	1MRDOCCRCW08053K32FKEA	MATL	Res 3.32K OHM 1/8W 1% 0805 SMD	10.00	\$	0.04	\$	0.37
087	1MRDOCCRCW08058K25FKEA	MATL	RES 8.25K OHM 1/8W 1% 0805 SMD	30.00	\$	0.04	\$	1.11
087	1MRDOCCRCW201010R0FKEF	MATL	RES 10.0 OHM 1/2W 1% 2010 SMD	15.00	\$	0.10	\$	1.53
087	1MRDOCCRCW25121K50JNEG	MATL	RES 1.5K OHM 1W 5% 2512 SMD	10.00	\$	0.12	\$	1.23
087	1MRDOCCRCW2512226RFKEG	MATL	RES 226 OHM 1W 1% 2512 SMD	50.00	\$	0.11	\$	5.44
087	1MRDOCDRV103H	MATL	IC PWM Lo-Side DRVVR 8-SOP	12.00	\$	4.16	\$	49.92
087	1MRDOCEO 6-4-2007	MATL	PWER BOARD HEATER PCB	4.00	\$	54.55	\$	218.21
087	1MRDOCERA-6YEB103V	MATL	Resistor 10k OHM	6.00	\$	0.44	\$	2.65
087	1MRDOCERA-6YEB203V	MATL	Resistor 20K OHM 0.1% 805 1/10W	9.00	\$	0.62	\$	5.62
087	1MRDOCFVT-25-25	MATL	Resistor WW Power 25 OHM 25W	15.00	\$	2.77	\$	41.52
087	1MRDOCGRM2195C1H512JA01D	MATL	CAP CER 5100PF 50V 5% COG 0805	26.00	\$	0.27	\$	7.02
087	1MRDOCGRM32ER71H475KA88L	MATL	CAP CER 4.7UF 50V 10% X7R 1210	70.00	\$	2.20	\$	153.86
087	1MRDOCIREF49055	MATL	MOSFET P-CH 55V 74A D2PAK	5.00	\$	4.13	\$	20.65
087	1MRDOCIRLR014	MATL	MOSFET N-CH 60V 7.7A DPAK	15.00	\$	1.19	\$	17.85
087	1MRDOCLM2940CS-5.0NOPB	MATL	IC REGULATOR LDO 1A TO-263	3.00	\$	2.11	\$	6.33
087	1MRDOCLM324DR	MATL	IC QUAD OP AMP 14-SOIC	6.00	\$	0.45	\$	2.70
087	1MRDOCLM556CM/NOPB	MATL	IC TIMER DUAL 14-SOIC SMD	4.00	\$	1.44	\$	5.76
087	1MRDOCLT1634BCS8-4.096#PBF	MATL	IC SHUNT VOLT REF 4.096V 8-SOIC	5.00	\$	4.38	\$	21.90
087	1MRDOCLTC2050HS6#TRM	MATL	IC OPAMP ZERO-DRIFT SOT-23-6	38.00	\$	3.47	\$	131.86
087	1MRDOCLTC2050HS6#TRMPBF	MATL	IC OPAMP Zero-Drift SOT-23-6	1.00	\$	3.47	\$	3.47
087	1MRDOCLTC2053CMS8#PBF	MATL	IC INSTRUMNT AMP R-RIN/OUT 8MSOP	2.00	\$	6.38	\$	12.76
087	1MRDOCMBRA340T3G	MATL	Diode Schottky 40V 3A SMA	10.00	\$	0.39	\$	3.94
087	1MRDOCMIC4420YM-TR	MATL	IC DRIVER MOSFET 6A LOSIDE 8SOIC	9.00	\$	1.63	\$	14.67
087	1MRDOCMURA110T3G	MATL	TRANSISTOR GP NPN AMP SOT-23	5.00	\$	0.19	\$	0.95
087	1MRDOCMURA110T3G	MATL	DIODE ULTRA FAST 2A 100V SMA	10.00	\$	0.34	\$	3.38
087	1MRDOCMURA110T3G	MATL	DIODE ULTRA FAST 2A 100V SMA	10.00	\$	0.34	\$	3.38
087	1MRDOCOPA547FKTWT	MATL	IC OP AMP	10.00	\$	25.50	\$	255.00
087	1MRDOCRC0805FR-0710KL	MATL	RES 10.0K OHM 1/8W 1% 0805 SMD	20.00	\$	0.08	\$	1.60
087	1MRDOCRC0805FR-071KL	MATL	RES 1.00K OHM 1/8W 1% 0805 SMD	10.00	\$	0.08	\$	0.80

087	1MRDRCR0805FR-0720KL	MATL	RES 20.0K OHM 1/8W 1% 0805 SMD	10.00	\$	0.08	\$	0.80
087	1MRDRCR0805FR-0730KL	MATL	RES 30.0K OHM 1/8W 1% 0805 SMD	10.00	\$	0.08	\$	0.80
087	1MRDRCR0805JR-07100KL	MATL	RES 100K OHM 1/8W 5% 0805 SMD	56.00	\$	0.04	\$	2.28
087	1MRDRCRG2012P-1021-B-T5	MATL	RES 1.02K OHM 1/8W .1% 0805 SMD	43.00	\$	0.31	\$	13.36
087	1MRDRCRG2012P-103-B-T5	MATL	RES 10.0K OHM 1/8W 1% 0805 SMD	66.00	\$	0.31	\$	20.51
087	1MRDRCRG2012P-203-B-T5	MATL	RES 20.0K OHM 1/8W .1% 0805 SMD	94.00	\$	0.31	\$	29.22
087	1MRDORR1220P-1782-B-M-T5	MATL	RES 17.8K OHM 1/10W .1% 0805 SMD	46.00	\$	0.31	\$	14.30
087	1MRDORR1220P-204-B-T5	MATL	RES 200K OHM 1/10W .1% 0805	46.00	\$	0.31	\$	14.30
087	1MRDOCSN74HC138DR	MATL	IC 3-8 LINE DECOD/DEMUX 16-SOIC	7.00	\$	0.55	\$	3.85
087	1MRDOCSN74HC14DR	MATL	IC HEX SCHMITT-TRIG INV 14-SOIC	3.00	\$	0.46	\$	1.38
087	1MRDOCS063-3-55-24-90	MATL	TERMINATOR CABLE	125.00	\$	1.14	\$	142.17
087	1MRDOCT491D106K035AT	MATL	CAPACITOR TANT 10UF 35V 10% SMD	21.00	\$	0.57	\$	11.87
087	1MRDOCG628	MATL	2 X 6 SUPERPHOBIC MEMBRANE CONTACTOR	3.00	\$	475.00	\$	1,425.00
087	1MRDOC08-55-0101	MATL	Connector Term Female 22-30AWG Gold	100.00	\$	0.22	\$	22.39
087	1MRDOC100-1GB-300	MATL	Communication Software	1.00	\$	249.00	\$	249.00
087	1MRDOC16-02-0097	MATL	Crimp Terminal Socket C-Grid 24-30 Awg Gold	100.00	\$	0.12	\$	12.30
087	1MRDOC22-01-2037	MATL	CONN HOUSING 3POS .100 W/RAMP	10.00	\$	0.26	\$	2.60
087	1MRDOC22-23-2081	MATL	CONN HEADER 8POS .100 VERT TIN	14.00	\$	0.76	\$	10.67
087	1MRDOC2N7002	MATL	TRANS 60V N CHANNEL MOSFET SOT	10.00	\$	0.19	\$	1.89
087	1MRDOC3MPF-5050	MATL	Performance Fluid 95% Perfluoropentane	10.42	\$	86.00	\$	896.12
087	1MRDOC50058-8000	MATL	Connector Term Female 28-32AWG TIN	20.00	\$	0.07	\$	1.38
087	1MRDOC50-57-9404	MATL	Connector Housing 4 POS .100 w/latch	10.00	\$	0.41	\$	4.09
087	1MRDOC50-57-9406	MATL	Connector Housing 6POS .100 2/Latch	5.00	\$	0.72	\$	3.60
087	1MRDOC51021-0500	MATL	Connector Housing 5POS 1.25MM	3.00	\$	0.55	\$	1.65
087	1MRDOC5238K658	MATL	TUBING PVC 1/2"	25.00	\$	1.00	\$	25.00
087	1MRDOC53398-0571	MATL	Connector Header 5 POS 1.25MM Vert SMD	10.00	\$	1.69	\$	16.88
087	1MRDOC70543-0005	MATL	Header 6 Pos Single Row	10.00	\$	0.98	\$	9.82
087	1MRDOC70553-0003	MATL	CONN HEADER 4POS .100 R/A GOLD	12.00	\$	0.90	\$	10.78
087	1MRDOC70553-0004	MATL	Connector Header 5 POS .100 R/A Gold	5.00	\$	1.30	\$	6.50
087	1MRDOC70553-0007	MATL	Connector Header 8 POS .100 R/A Gold	20.00	\$	1.30	\$	25.92
087	1MRDOC77318-112	MATL	CFP-AI-112 MODULE	3.00	\$	599.00	\$	1,797.00
087	1MRDOC77318-210	MATL	CFP-A0-210 MODULE	1.00	\$	599.00	\$	599.00
087	1MRDOC77318-520	MATL	CFP-PWM-520 MODULE	1.00	\$	379.00	\$	379.00
087	1MRDOC778617-08	MATL	CFP-BP-8 8-SLOT BACKPLANE	1.00	\$	549.00	\$	549.00
087	1MRDOC8-5242-100	MATL	Programmable Controller DC, Heat/Cool RS-232	1.00	\$	669.00	\$	669.00
087	1MRDOCC1156.21.01	MATL	Cable Coax RG174/U 26AWG Shield Bk	100.00	\$	0.29	\$	29.12
087	1MRDOCC0805KRX7R8BB104	MATL	CAP .10UF 25V CERAMIC X7R 0805	100.00	\$	0.07	\$	6.90
087	1MRDOCCR20.0MXC7T	MATL	RESONATOR CER 20.0MHZ W/CAP SMD	5.00	\$	0.63	\$	3.15
087	1MRDOCCNI3244-C24-DC	MATL	Temp Controller	1.00	\$	280.00	\$	280.00
087	1MRDOCCERA-6YEB103V	MATL	Resistor 10k OHM	50.00	\$	0.62	\$	31.20
087	1MRDOCCERA-6YEB203V	MATL	Resistor 20K OHM 0.1% 805 1/10W	20.00	\$	0.62	\$	12.48
087	1MRDOCH-75BLACK	MATL	Box 7.2 x 3.65 x 1.26 black	1.00	\$	9.45	\$	9.45
087	1MRDOCK105Z20Y5VF5TL2	MATL	CAP 1.0UF 50V CERAMIC +80/-20%	10.00	\$	0.18	\$	1.78

Part No.	Description	QTY	UNIT PRICE	TOTAL PRICE
087	1MRDOCLM2940CS-5.0/NOPB	4.00	\$ 2.11	\$ 8.44
087	1MRDOCLM340MP-5.0	10.00	\$ 1.33	\$ 13.30
087	1MRDOCLT1634ACS8-4.096	5.00	\$ 9.38	\$ 46.90
087	1MRDOCLT1634ACS8-4.096#PBF	4.00	\$ 9.38	\$ 37.52
087	1MRDOCLTC2050CS5	20.00	\$ 1.41	\$ 28.20
087	1MRDOCLTC2050IS6	20.00	\$ 1.67	\$ 33.40
087	1MRDOCLTC2053CMS8#PBF	10.00	\$ 6.38	\$ 63.80
087	1MRDOCLTC2400CS8#PBF	10.00	\$ 10.63	\$ 106.30
087	1MRDOCLTC2420CS8	2.00	\$ 8.25	\$ 16.50
087	1MRDOCM74HC251RM13TR	10.00	\$ 0.44	\$ 4.40
087	1MRDOCMAX232ACSE+	4.00	\$ 5.51	\$ 22.04
087	1MRDOCMAX232D	5.00	\$ 0.90	\$ 4.50
087	1MRDOCMCP4822-E/SN	8.00	\$ 3.95	\$ 31.60
087	1MRDOCMCR10EZHF4700	100.00	\$ 0.03	\$ 2.68
087	1MRDOCPIC16F876-20/SO	4.00	\$ 9.00	\$ 36.00
087	1MRDOCRG2012P-101-B-T5	20.00	\$ 0.58	\$ 11.56
087	1MRDOCRG2012P-102-B-T5	50.00	\$ 0.31	\$ 15.54
087	1MRDOCRGH2012-2E-P-153-B	20.00	\$ 0.88	\$ 17.60
087	1MRDOCRH1220P-133-B-T5	10.00	\$ 0.58	\$ 5.78
087	1MRDOCRR1220P-1372-B-M-T5	50.00	\$ 0.31	\$ 15.54
087	1MRDOCRR1220P-1432-B-M-T5	10.00	\$ 13.00	\$ 130.00
087	1MRDOCRTD4W-R0	6.00	\$ 0.40	\$ 2.40
087	1MRDOCSN74VLC2G14DBVR	1.00	\$ 52.00	\$ 52.00
087	1MRDOCSSRDC100VDC20	1.00	\$ 312.88	\$ 312.88
087	1MRDOC099-0107-900	1.00	\$ 280.00	\$ 280.00
087	1MRDOC099-0167-900	1.00	\$ 0.30	\$ 15.05
087	1MRDOC3225T22	22.00	\$ 223.00	\$ 4,906.00
087	1MRDOC60081E01F501REV8	1.00	\$ 20.41	\$ 20.41
087	1MRDOC74985A71	25.00	\$ 0.29	\$ 7.34
087	1MRDOC8871T31	5.00	\$ 0.98	\$ 4.89
087	1MRDOC96439A630	1.00	\$ 70.00	\$ 70.00
087	1MRDOCSHIPPING / FREIGHT	1.00	\$ 13.06	\$ 13.06
087	1MRDOC04993457	48.00	\$ 280.00	\$ 280.00
087	1MRDOC099-0167-900	1.00	\$ 0.11	\$ 5.50
087	1MRDOC1201T21	1.00	\$ 2.27	\$ 2.27
087	1MRDOC1201T767	120.00	\$ 0.67	\$ 80.00
087	1MRDOC124Z362AAA	7.00	\$ 6.99	\$ 48.93
087	1MRDOC25217	68.00	\$ 0.93	\$ 63.28
087	1MRDOC3511T23	47.00	\$ 1.77	\$ 83.16
087	1MRDOC3511T62	1.00	\$ 1,265.00	\$ 1,265.00
087	1MRDOC4045A2	72.00	\$ 0.01	\$ 0.54
087	1MRDOC44017	1.00	\$ 656.02	\$ 656.02
087	1MRDOC60108MBA9215REV-			

Part No.	Description	QTY	UNIT PRICE	TOTAL PRICE
087	IC REGULATOR LDO 1A TC-263	4.00	\$ 2.11	\$ 8.44
087	IC +5V 1A Voltage Reg SOT223	10.00	\$ 1.33	\$ 13.30
087	IC SHUNT VOLT REF 4.096V 8-SOIC	5.00	\$ 9.38	\$ 46.90
087	IC SHUNT VOLT REF 4.096V	4.00	\$ 9.38	\$ 37.52
087	OP AMP	20.00	\$ 1.41	\$ 28.20
087	OP AMP	20.00	\$ 1.67	\$ 33.40
087	IC INSTRUMNT AMP R-RIN/OUT 8MSOP	10.00	\$ 6.38	\$ 63.80
087	IC A/D CONV 24BIT MICRPPWR 8-SOIC	10.00	\$ 10.63	\$ 106.30
087	IC ADC 20BIT MICRPPWR W/OSC 8SOIC	2.00	\$ 8.25	\$ 16.50
087	IC MULTIPLEXER 8CHANNEL 16-SOIC	10.00	\$ 0.44	\$ 4.40
087	IC 2DVR/2RCVR RS232 5V 16-SOIC	4.00	\$ 5.51	\$ 22.04
087	IC DUAL EIA-232 DRVR/RCVR 16SOIC	5.00	\$ 0.90	\$ 4.50
087	IC DAC 12BIT DUAL W/SPI 8SOIC	8.00	\$ 3.95	\$ 31.60
087	Resistor 470 OHM 1/8W 1% 0805 SMD	100.00	\$ 0.03	\$ 2.68
087	IC MCU FLASH 8KX14 EE 28SOIC	4.00	\$ 9.00	\$ 36.00
087	RES 100 OHM 1/8W .1% 0805 SMD	20.00	\$ 0.58	\$ 11.56
087	RES 1.0K OHM 1/8W .1% 0805 SMD	50.00	\$ 0.31	\$ 15.54
087	RES 15K OHM .1% 1/4W 0805 SMD	20.00	\$ 0.88	\$ 17.60
087	RES 13.0K OHM 1/10W .1% 0805 SMD	20.00	\$ 0.58	\$ 11.56
087	RES 13.7K OHM 1/10W .1% 0805 SMD	10.00	\$ 0.58	\$ 5.78
087	RES 14.3K OHM 1/10W .1% 0805 smd	50.00	\$ 0.31	\$ 15.54
087	Printed Circuit Board	10.00	\$ 13.00	\$ 130.00
087	IC INVERTER DUAL SHMT-T SOT-23-6	6.00	\$ 0.40	\$ 2.40
087	DC Solid-State Relay	1.00	\$ 52.00	\$ 52.00
087	Valve, 3-way, Series 99	1.00	\$ 312.88	\$ 312.88
087	Valve, 2-way, Series 99	1.00	\$ 280.00	\$ 280.00
087	Rubber-Cushioned Loop Clamp 300 Series SS EPDM Cushion	50.00	\$ 0.30	\$ 15.05
087	MABE HEATER CONTROL PCB	22.00	\$ 223.00	\$ 4,906.00
087	Adhesive Super Bonder 498 1oz	1.00	\$ 20.41	\$ 20.41
087	Chemical Resistant Plastic Clamp for 1/4" Outside Dia.	25.00	\$ 0.29	\$ 7.34
087	SS Clinch Captive Nut 1/4"-20 Screw Size	5.00	\$ 0.98	\$ 4.89
087	FREIGHT CHARGES	1.00	\$ 70.00	\$ 70.00
087	TAP M14 X 1.25	1.00	\$ 13.06	\$ 13.06
087	Valve, 2-way, Series 99	1.00	\$ 280.00	\$ 280.00
087	MIL-Spec Viton O-Ring 010	1.00	\$ 0.11	\$ 5.50
087	MIL-Spec Viton O-Ring 048	48.00	\$ 2.27	\$ 2.27
087	Open Frame Cable	1.00	\$ 0.67	\$ 80.00
087	3ft DB9 F/F Cable	7.00	\$ 6.99	\$ 48.93
087	Alloy 6061 Aluminum Ground Flat Stock .375" Thick, 12" X 12"	68.00	\$ 0.93	\$ 63.28
087	Alloy 6061 Aluminum Ground Flat Stock 1.000" Thick, 6" X 12"	47.00	\$ 1.77	\$ 83.16
087	Kistler Pressure Sensor	1.00	\$ 1,265.00	\$ 1,265.00
087	Tubing: 1/4" ODx1/8" I.D. Acrylic	72.00	\$ 0.01	\$ 0.54
087	TRANSJUCER RTD ASSEMBLY REV -	1.00	\$ 656.02	\$ 656.02

Part Number	Material	Description	Quantity	Unit Price	Total Price
087	MATL	COMPRESSION RING REALISTIC BREADBOARD	1.00	\$ 115.00	\$ 115.00
087	MATL	Reducing Port Connector, 5/16" - 1/4"	6.00	\$ 33.90	\$ 203.40
087	MATL	TRANSDUCER RTD FITTING	1.00	\$ 60.60	\$ 60.60
087	MATL	Acrylic Rod, 0.50"	24.00	\$ 0.23	\$ 5.54
087	MATL	Acrylic Rod, 0.1875"x6"	69.00	\$ 0.01	\$ 0.86
087	MATL	Acrylic Rod, 0.38"	57.00	\$ 0.04	\$ 2.26
087	MATL	Corrosion-Resistant Viton Rubber 12" X 12"	144.00	\$ 0.22	\$ 31.89
087	MATL	Grade G-11 Garolite Sheet 1" Thick, 12" X 12"	118.00	\$ 1.00	\$ 118.22
087	MATL	Aluminum (Alloy 6063) Rect Tube	8.50	\$ 0.79	\$ 6.73
087	MATL	Alloy 6061 Aluminum Sheet .125" Thick, 12" X 12"	136.50	\$ 0.04	\$ 5.69
087	MATL	SS Rod 7/8" Dia, 1' Length	8.50	\$ 1.81	\$ 15.39
087	MATL	TUBING, 304 SS, 1/8" TUBING, .069 ID, .028 WALL	15.75	\$ 0.58	\$ 9.19
087	MATL	1/4" x .035" Wall SS Tubing	144.00	\$ 0.27	\$ 38.52
087	MATL	WASHER C6L	238.00	\$ 0.03	\$ 7.11
087	MATL	SS SHCS 8-32 Thread, 1-3/8" Length	46.00	\$ 0.29	\$ 13.47
087	MATL	MIL-Spec Socket Head Cap Screw 1/2" Length	8.00	\$ 0.38	\$ 3.05
087	MATL	Flat Head Fastener Hex Socket 1/4"-20 x 3/4" LG 18-8SS	38.00	\$ 0.24	\$ 9.17
087	MATL	O-Ring, Viton	50.00	\$ 0.19	\$ 9.39
087	MATL	Sealing Flat Head Phillips Machine Screw	3.00	\$ 0.96	\$ 2.87
087	MATL	Sealing Flat Head Phillips Screw 5/8" Length	8.00	\$ 0.86	\$ 6.86
087	MATL	VITON O-RING	3.00	\$ 2.08	\$ 6.23
087	MATL	VITON O-RING	1.00	\$ 3.76	\$ 3.76
087	MATL	Temp Controller	1.00	\$ 280.00	\$ 280.00
087	MATL	Resistance Wire, Kanthal A1/875CMF-FECCRAL	50.00	\$ 0.30	\$ 15.00
087	MATL	Resistance Wire, Kanthal A1/875CMF-Fecral	44.67	\$ 0.30	\$ 13.40
087	MATL	2mx2m 1000 OHM 1/3B	15.00	\$ 33.75	\$ 506.25
087	MATL	THERMOFOIL HEATER	3.00	\$ 38.45	\$ 115.35
087	MATL	SS 304 Hypodermic Tubing	24.00	\$ 0.26	\$ 6.35
087	MATL	6-32 Internal 12-28 External Insert SS	14.00	\$ 2.00	\$ 28.00
087	MATL	KEENSERT 8-32 SS	28.00	\$ 2.00	\$ 56.00
087	MATL	screw SHCS 4-40 x .50	20.00	\$ 0.35	\$ 7.06
087	MATL	SCREW HEX HEAD	60.00	\$ 0.38	\$ 22.86
087	MATL	Screw 8-32 x 5/8 lg SJCS 300	2.00	\$ 0.44	\$ 0.87
087	MATL	screw 8-32(0.1640) unrc-3x0.7	12.00	\$ 0.44	\$ 5.24
087	MATL	Washer Flat #6 Reduced OD	484.00	\$ 0.01	\$ 5.14
087	MATL	WASHER FLAT #8 REDUCED OD	250.00	\$ 0.03	\$ 8.05
087	MATL	Performance Fluid 95% Perfluorputane	6.00	\$ 86.00	\$ 516.00
087	MATL	Acrylic RCD 5"x1ft per ASTM D-543699 or AMS-L-P-391 Specs	0.70	\$ 195.00	\$ 136.50
087	MATL	Conn. male O-Seal Straight Th	1.00	\$ 16.60	\$ 16.60
087	MATL	Reducer 1/16"-1/4"	5.00	\$ 16.60	\$ 83.00
087	MATL	Reducer 1/16"-1/4"	5.00	\$ 16.60	\$ 83.00
087	MATL	Reducer, Bored Through, 1/8"x1/4" Tube O.D.	3.00	\$ 9.30	\$ 27.90
087	MATL	Bulkhead Fitting	2.00	\$ 12.50	\$ 25.00

087	1MRDOCSS-400-A-4ANF	MATL	FEMALE TUBE ADAPTER	2.00	\$	9.02	\$	18.04
087	1MRDOCSS-400-P	MATL	Plug 1/4" Tube	6.00	\$	4.70	\$	28.20
087	1MRDOCSS-401-PC	MATL	CONNECTOR PORT	5.00	\$	4.92	\$	24.60
087	1MRDOCSS-4-VCO-3-4TA	MATL	Tube Adapter Gland 1/4" VCO, 1/4" OD	1.00	\$	7.99	\$	7.99
087	1MRDOCSS-4-VCO-4	MATL	Nut VCO, 1/4"	3.00	\$	6.25	\$	18.75
087	1MRDOCSS-4-WVCO-6-400	MATL	VCO Fitting	1.00	\$	27.98	\$	27.98
087	1MRDOCSS-500-6	MATL	Tube Fitting, 5/16"	2.00	\$	10.76	\$	21.52
087	1MRDOCSS-500-9	MATL	Tube Fitting, 5/16" Elbow	2.00	\$	14.55	\$	29.10
087	1MRDOCSS-500-P	MATL	Plug, 5/16"	3.00	\$	5.02	\$	15.06
087	1MRDOCSSRDC100VDC20	MATL	DC Solid-State Relay	1.00	\$	52.00	\$	52.00
087	1MRDOCT-400-SET	MATL	1/4" Teflon Ferrules	6.00	\$	1.91	\$	11.46
087	1MRDOCT-503-1	MATL	PTFE Front Ferrule, 5/16"	12.00	\$	1.49	\$	17.88
087	1MRDOCT-504-1	MATL	PTFE Back Ferrule, 5/16"	12.00	\$	1.25	\$	15.00
087	1MRDOCUSBG-232S	MATL	Serial PDA Adapter Cable	7.00	\$	19.95	\$	139.65
087	1MRDOC4045A2	MATL	Kistler Pressure Sensor	1.00	\$	1,265.00	\$	1,265.00
087	1MRDOCR-CAST	MATL	Acrylic RCD 5"x1ft. per ASTM D-543699 or AMS-L-P-391 Specs	0.30	\$	195.00	\$	58.50
	TOTAL MATERIALS DO 086			9196.34			\$	81,679.12