

PALAO LGS diagnostics
Procurement list

September 22nd 2006
Anna Moore ×8918

Thorlabs
Part number PDA100A
Description large area photodiode
For LGS fabrication
Delivery to Campus
Price \$305.00
No special delivery instructions
Quantity=2

Melles Griot
Part number 09SPM003
Description 50mm clear aperture shear plate
For LGS fabrication
Delivery to Campus
Price \$800.00
No special delivery instructions
Quantity=2

Uniforce
Part number PT1000ANL-2-6-DEV
Description iport ANL-2-6 analog IP engine, SDK, cable, enet card
For LGS fabrication
Delivery to Campus
Price \$1045.00
No special delivery instructions
Additional info: Please fax order to both Gary Glazer at 408-946-0351 and Andy Brislen at 413-383-5979
Quantity=1

TrendNet
Part number TFC-1000MSC
Description 1000BaseT-1000Base-SX converter
For LGS fabrication
Delivery to Campus
Price \$142.00
No special delivery instructions
Quantity=2

Pacific Radio Electronics

Contact Paul 323-969-2035

Part number None

Description 10m 62.5micron multi-mode fiber, SC connectors at both ends

For LGS fabrication

Delivery to Campus

Price \$35.99

No special delivery instructions

Quantity=1

CVI laser optics and coatings

Contact 1-800-296-9541

Part number W2LW-3-1037-UV-633-1064-0

Description 1inch Wedge window, fused silica, broadband anti-reflection coating, 3 degree

For LGS fabrication

Delivery to Campus

Price \$205.00

No special delivery instructions

Quantity=2

CVI laser optics and coatings

Contact 1-800-296-9541

Part number CG-RG-630-2.00

Description 2inch diameter RG630 filter

For LGS fabrication

Delivery to Campus

Price \$55.00

No special delivery instructions

Quantity=5

Cost so far=\$4260

Pacific Radio Electronics
Contact Paul 323-969-2035
Part number None
Description 100m 62.5micron multi-mode fiber, SC connectors at both ends
For LGS fabrication
Delivery to Campus
Price \$137.69
No special delivery instructions
Quantity=1

Puget Sound Instrument Company, inc
Contact Shiela 1-800-826-2907
Fax 253-922-2650
Part number Watec-902H2
Description ½ inch format monochrome camera
For LGS fabrication
Delivery to Campus
Price \$338.00
Delivery instructions: Drop ship from New York headquarters to campus \$25 + freight
Quantity=7

Puget Sound Instrument Company, inc
Contact Shiela 1-800-826-2907
Fax 253-922-2650
Part number 1119BC-22 ½ inch
Description f11mm F/1.9 lens for ½ inch format camera
For LGS fabrication
Delivery to Campus
Price \$158.00
No special delivery instructions
Quantity=2

Cost so far=\$7080

Newport
Part number 20D20ER.2
Description 2inch diameter Pyrex mirror with ER.2 coating
For LGS fabrication
Delivery to Campus
Price \$199.0
No special delivery instructions
Quantity=1

Newport
Part number U200-AC
Description 2inch mirror mount
For LGS fabrication
Delivery to Campus
Price \$217.00
No special delivery instructions
Quantity=1

Newport
Part number KPX094-C
Description 1 inch plano convex lens, MgF2 coating, fl 100mm
For LGS fabrication
Delivery to Campus
Price \$28.00
No special delivery instructions
Quantity=1

Newport
Part number KPX109-C
Description 1 inch plano convex lens, MgF2 coating, fl 250mm
For LGS fabrication
Delivery to Campus
Price \$28.00
No special delivery instructions
Quantity=1

Newport
Part number KPX091-C
Description 1 inch plano convex lens, MgF2 coating, fl 88.5mm
For LGS fabrication
Delivery to Campus
Price \$28.00
No special delivery instructions
Quantity=1

Cost so far=\$7580

Edmund Scientific
Part number NT57-741
Description C-mount telephoto lens 60mm-300mm
For LGS fabrication
Delivery to Campus
Price \$425.00
No special delivery instructions
Quantity=1

SUSS MicroOptics
Part number 12-1195150
Description Microlens array, FC-Q-SH150, ROC 6.056mm, NA 0.008, Size 10×10mm
For LGS fabrication
Delivery to Campus
Price \$300.00
FEDEX is \$80.00
Quantity=1

Cost so far=\$8085

CVI laser optics and coatings
Contact 1-800-296-9541 ×1188 (Craig)
Part number BS1-589-99.5-2037-45P
Description 2inch diameter 99.5% partial reflector 45deg incidence
For LGS fabrication
Delivery to Campus
Price waiting quote
No special delivery instructions
Quantity=1

Newport
Part number U100-A2K-NL
Description Kinematic optical mount, 1" aperture, 2 non-locking actuators
For LGS fabrication
Delivery to Campus
Price \$96.00
No special delivery instructions
Quantity=3

Newport
Part number 10D20BD.1
Description Broadband Dielectric Mirrors, 1 in., $\lambda/10$, visible coating
For LGS fabrication
Delivery to Campus
Price \$87.00
No special delivery instructions
Quantity=5

Newport
Part number 20D20BD.1
Description Broadband Dielectric Mirrors, 2 in., $\lambda/10$, visible coating
For LGS fabrication
Delivery to Campus
Price \$179.00
No special delivery instructions
Quantity=4

Thorlabs
Part number RS1.5P
Description Ø1" Pedestal Pillar Post, Length= 1.5"
For LGS fabrication
Delivery to Campus
Price \$20.50
No special delivery instructions
Quantity=2

Thorlabs
Part number RS1
Description Ø1" Pillar Post Extension, Length=1"
For LGS fabrication
Delivery to Campus
Price \$16.00
No special delivery instructions
Quantity=2

Thorlabs
Part number CF125
Description Small Clamping Fork, 1.25" counterbored slot, Universal
For LGS fabrication
Delivery to Campus
Price \$7.90
No special delivery instructions
Quantity=2

Thorlabs
Part number LMR2
Description Lens Mount for Ø2" Optics, One SM2RR Included
For LGS fabrication
Delivery to Campus
Price \$23.00
No special delivery instructions
Quantity=2

Thorlabs
Part number LMR1
Description Lens Mount for Ø1" Optics, One SM1RR Included
For LGS fabrication
Delivery to Campus
Price \$16.50
No special delivery instructions
Quantity=4

Newport
Part number U200-A2K-NL
Description Kinematic optical mount, 2" aperture, 2 non-locking actuators
For LGS fabrication
Delivery to Campus
Price \$137.00
No special delivery instructions
Quantity=4

Cost so far=\$10,577k

Thorlabs
Part number FMP1
Description Optical Mount for Ø1" Optics
For LGS fabrication
Delivery to Campus
Price \$14.00
No special delivery instructions
Quantity=3

Thorlabs
Part number MB1248
Description Al breadboard 12" x 48" x 1/2", 1/4-20 Threaded
For LGS fabrication
Delivery to Campus
Price \$581.23
No special delivery instructions
Quantity=1

Thorlabs
Part number UPH1
Description Universal Post 1inch
LGS fabrication
Delivery to Campus
Price \$26.50
No special delivery instructions
Quantity=10

Thorlabs
Part number UPHA
Description Swivel Base
LGS fabrication
Delivery to Campus
Price \$19.50
No special delivery instructions
Quantity=10

Thorlabs
Part number TR1
Description 0.5inch diameter posts, 1inch height
LGS fabrication
Delivery to Campus
Price \$4.99
No special delivery instructions
Quantity=10

Thorlabs
Part number RS2P
Description Pedestal posts L=2inch, diameter=1inch
LGS fabrication
Delivery to Campus
Price \$21.50
No special delivery instructions
Quantity=10

Thorlabs
Part number CF125
Description Clamping fork
LGS fabrication
Delivery to Campus
Price \$7.90
No special delivery instructions
Quantity=10

Thorlabs
Part number FM90
Description Flip mount
LGS fabrication
Delivery to Campus
Price \$71.00
No special delivery instructions
Quantity=2

Thorlabs
Part number KMCP
Description Centering plate
LGS fabrication
Delivery to Campus
Price \$17.50
No special delivery instructions
Quantity=2

Thorlabs
Part number BSW16
Description 50/50 beamsplitter 2 inch diameter
LGS fabrication
Delivery to Campus
Price \$152.80
No special delivery instructions
Quantity=2

Thorlabs
Part number BSW10
Description 50/50 beamsplitter 1 inch diameter
LGS fabrication
Delivery to Campus
Price \$152.80
No special delivery instructions
Quantity=3

Newport
Part number KPX636-C
Description 1 inch plano convex lens, MgF2 coating, fl 1000mm
For LGS fabrication
Delivery to Campus
Price \$33.00
No special delivery instructions
Quantity=2

Newport
Part number KPX576-C
Description 1 inch plano convex lens, MgF2 coating, fl 25.4mm
For LGS fabrication
Delivery to Campus
Price \$36.00
No special delivery instructions
Quantity=2

Newport
Part number KPX582-C
Description 1 inch plano convex lens, MgF2 coating, fl 50.2mm
For LGS fabrication
Delivery to Campus
Price \$33.00
No special delivery instructions
Quantity=2

Cost so far=\$12,844k

Newport
Part number FH-1R
Description 1 inch round filter holder
For LGS fabrication
Delivery to Campus
Price \$27.00
No special delivery instructions
Quantity=5

Newport
Part number FH-2S
Description 2 inch square filter holder
For LGS fabrication
Delivery to Campus
Price \$65.00
No special delivery instructions
Quantity=4

Thorlabs
Part number UPH1
Description Universal Post 1 inch
LGS fabrication
Delivery to Campus
Price \$26.50
No special delivery instructions
Quantity=5

Thorlabs
Part number UPHA
Description Swivel Base
LGS fabrication
Delivery to Campus
Price \$19.50
No special delivery instructions
Quantity=5

Thorlabs
Part number TR1
Description 0.5inch diameter posts, 1inch heigh
LGS fabrication
Delivery to Campus
Price \$4.99
No special delivery instructions
Quantity=5

Newport
Part number TA-8Q20-10
Description 8-32 to 1/4-20 thread adapter (10)
For LGS fabrication
Delivery to Campus
Price \$25.00
No special delivery instructions
Quantity=1

Newport
Part number TA-8M6-10
Description 8-32 to M6 thread adapter (10)
For LGS fabrication
Delivery to Campus
Price \$25.00
No special delivery instructions
Quantity=1

Newport
Part number DE-8-0.63
Description 8-32 Double-Ended Set Screws (10)
For LGS fabrication
Delivery to Campus
Price \$15.00
No special delivery instructions
Quantity=1

Thorlabs
Part number RS2P
Description Pedestal posts L=2inch, diameter=1inch
LGS fabrication
Delivery to Campus
Price \$21.50
No special delivery instructions
Quantity=3

Thorlabs
Part number CF125
Description Clamping fork
LGS fabrication
Delivery to Campus
Price \$7.90
No special delivery instructions
Quantity=3

Newport
Part number LAB-02
Description Finger cots (medium, 700)
For LGS fabrication
Delivery to Campus
Price \$27.00
No special delivery instructions
Quantity=1

Newport
Part number LAB-05
Description Gloves (medium, 100)
For LGS fabrication
Delivery to Campus
Price \$27.00
No special delivery instructions
Quantity=1

Newport
Part number LAB-10
Description Cotton swabs (1000)
For LGS fabrication
Delivery to Campus
Price \$11.00
No special delivery instructions
Quantity=1

Newport
Part number LAB-28
Description Optics cleaning tissue (1000)
For LGS fabrication
Delivery to Campus
Price \$44.00
No special delivery instructions
Quantity=1

Newport
Part number LAB-16
Description Canned duster
For LGS fabrication
Delivery to Campus
Price \$17.00
No special delivery instructions
Quantity=1

Omega.com

Web address <http://www.omega.com/pptst/OMB-DAQBOARD-500.html>

Part number OMB-DAQBOARD-505

Description Data Acquisition card 16 bit, no analog outputs, 200kHz A/D converter

For LGS fabrication

Delivery to Campus

Price \$249.00

Overnight delivery

Quantity=1

Caltech Wired

Part number

Description 17" LCD monitor

For LGS fabrication

Delivery to Campus

Price ~\$250

Collected by AMM

Quantity=2

GST

Part number e-GeForce 6600 GT

Description Dual head graphics card

For LGS fabrication

Delivery to Campus

Price \$110

Ordered and paid for by Cheryl

Quantity=1

Cost so far=\$14,632k

ADLINK Technology America Inc.
Contact Kevin Rogers (kevin.rogers@adlinktech.com)
Part number RTV-24
Description 4 channel real-time video framegrabber (PCI)
For LGS fabrication
Delivery to Campus
Price \$195.00
No special delivery instructions
Quantity=1

Omega.com
Web address <http://www.omega.com/pptst/OMB-DAQBOARD-500.html>
Part number OMB-DBK215
Description 16-connector BNC Connection module
For LGS fabrication
Delivery to Campus
Price \$399.00
No special delivery
Quantity=1

Omega.com
Web address <http://www.omega.com/pptst/OMB-DAQBOARD-500.html>
Part number OMB-CA-G56
Description 68-conductor shielded expansion cable 0.9m
For LGS fabrication
Delivery to Campus
Price \$95.00
No special delivery
Quantity=1

CVI laser optics and coatings
Contact 1-800-296-9541 (Holly #1604 is very helpful)
Part number W2LW-3-1037-UV-589-0
Description 1inch Wedge window, fused silica, anti-reflection coating tuned for 589nm on both surfaces (<0.25%), (<1% for 633nm), 3 degree
For LGS fabrication
Price \$265.00
DELIVER TO PALOMAR
Quantity=1

Edmund Scientific
Part number U53-838
Description C-mount Extension tube for microscope objectives
For LGS fabrication
Delivery to Campus
Price \$50.40
No special delivery instructions
Quantity=1

Edmund Scientific
Part number U53-838
Description C-mount Extension tube for microscope objectives
For LGS fabrication
Delivery to Campus
Price \$50.40
No special delivery instructions
Quantity=1

Cost so far=\$15,687k

Ocean Optics Inc.

<http://www.oceanoptics.com>

727-733-2447

Part number 84-UV-25

Description Lens coupler for an optical fiber

For LGS fabrication

Delivery to Campus

Price \$499.00

No special delivery instructions

Quantity=1

Ocean Optics Inc.

<http://www.oceanoptics.com>

727-733-2447

Part number 74-VIS

Description Collimating lens

For LGS fabrication

Delivery to Campus

Price \$159.00

No special delivery instructions

Quantity=1

Ocean Optics Inc.

<http://www.oceanoptics.com>

727-733-2447

Part number P8-2-SMA-VIS-NIR

Description 8micron single mode fiber, 2m length, laboratory grade, SMA905 connector at each end

For LGS fabrication

Delivery to Campus

Price \$100.00

No special delivery instructions

Quantity=1

Ocean Optics Inc.

<http://www.oceanoptics.com>

727-733-2447

Part number P50-2-VIS-NIR

Description 8micron single mode fiber, 2m length, laboratory grade, SMA905 connector at each end

For LGS fabrication

Delivery to Campus

Price \$100.00

No special delivery instructions

Quantity=1

Thorlabs
Part number BT510
Description Ultra-low Backscatter Beam Block 15W/cm² pulsed
LGS fabrication
Price \$285.00
DELIVER TO PALOMAR
Quantity=1

Thorlabs
Part number SM1A9
Description Internal SM1 to External C-Mount Thread Adapter
LGS fabrication
Price \$18.50
DELIVER TO PALOMAR
Quantity=5

Thorlabs
Part number NE10A
Description Mounted absorptive ND filter 1.0
LGS fabrication
Delivery to Campus
Price \$52.00
Quantity=5

Thorlabs
Part number NE20A
Description Mounted absorptive ND filter 2.0
LGS fabrication
Delivery to Campus
Price \$52.00
Quantity=5

Thorlabs
Part number NE30A
Description Mounted absorptive ND filter 3.0
LGS fabrication
Delivery to Campus
Price \$52.00
Quantity=3

CVI laser optics and coatings
Contact 1-800-296-9541
Part number CG-RG-630-1.00
Description 1inch diameter RG630 filter
For LGS fabrication
Price \$35.00
DELIVER TO PALOMAR
Quantity=2

CVI laser optics and coatings
Contact 1-800-296-9541
Part number CG-RG-610-1.00
Description 1inch diameter RG610 filter
For LGS fabrication
Price \$35.00
DELIVER TO PALOMAR
Quantity=6

Newport
Part number 436
Description Series High-Performance Low-Profile Crossed-Roller Bearing Linear Stage
For LGS fabrication
DELIVER TO PALOMAR
Price \$575.00
No special delivery instructions
Quantity=1

Cost so far=\$18,454k

CVI laser optics and coatings
Contact 1-800-296-9541 ×1109 (Jeff)
Part number OG590
Description 1 inch diameter, 1mm thick long pass filter
For LGS fabrication
Delivery to Campus
Price \$35.00
No special delivery instructions
Quantity=8

Thorlabs
Part number FB590-10
Description Bandpass filter, CWL=590, FWHM=10, 1 inch diameter
LGS fabrication
Delivery to Campus
Price \$79.00
Quantity=2

Thorlabs
Part number FEL0600
Description Long pass filter, COWL=600, 1 inch diameter
LGS fabrication
Delivery to Campus
Price \$69.80
Quantity=3

Cost so far=\$19,101k

Edmund Optics
Part number NT55-457
Description KINEMATIC MOUNT 50.0MM W/MIC
For LGS fabrication
Delivery to campus
Price \$315.00
No special delivery instructions
Quantity=1

Igus
Phone: 1-800-521-2747
FAX: 401-438-7270
E-Mail: webmaster@igus.com
Part number NS-01-27-150
Description DryLin N Low Profile Linear Guide Rail, 150mm long, pre-drilled holes
For LGS fabrication
Delivery to campus
Price \$5.57
No special delivery instructions
Quantity=5

Igus
Phone: 1-800-521-2747
FAX: 401-438-7270
E-Mail: webmaster@igus.com
Part number NW-01-27-P
Description DryLin N Low Profile Linear Guide Carriage
For LGS fabrication
Delivery to campus
Price \$5.32
No special delivery instructions
Quantity=5

Cost so far=\$19,471k

McMaster-Carr
Part number 93040A112
Description Push/Pull Plastic captive fasteners
For LGS fabrication
Delivery to campus
Price \$11.52 (per pack of 10)
No special delivery instructions
Quantity=4

McMaster-Carr
Part number 93040A113
Description Push/Pull Plastic captive fasteners
For LGS fabrication
Delivery to campus
Price \$11.83 (per pack of 10)
No special delivery instructions
Quantity=1

McMaster-Carr
Part number 94350A135
Description Flush/mount captive screws
For LGS fabrication
Delivery to campus
Price \$2.18
No special delivery instructions
Quantity=40

McMaster-Carr
Part number 91290A110
Description M3 standard socket head cap screws 5mm length fully threaded
For LGS fabrication
Delivery to campus
Price \$5.24 (per 100 pack)
No special delivery instructions
Quantity=1

McMaster-Carr
Part number 92196A192
Description 8/32 standard socket head cap screws 3/8inch length
For LGS fabrication
Delivery to campus
Price \$5.66 (per 100 pack)
No special delivery instructions
Quantity=1

Melles Griot

Part number 01 MFG 027/028

Description 50mm diameter flat mirror Crown

For LGS fabrication

Delivery to campus

Price \$76.00

No special delivery instructions

Quantity=1

Cost so far=\$19,703k