

# LCLS Magnet Controls Purchase Orders

## LCLS Controls Procurement

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[Engineering Specification Documents](#)  
[Instrumentation Hardware Inventory](#)  
[PS Controller and PS Inventory](#)

| Purchase Orders |         |              |                |                                      |                                         |
|-----------------|---------|--------------|----------------|--------------------------------------|-----------------------------------------|
| Date            | Bis-Req | Purchase Req | Purchase Order | Description                          | Vendor                                  |
| 02/28/07        |         | 130820       | 68070          | PLC                                  | <a href="#">Buckle-Smith</a>            |
| 02/13/07        |         | 130531       | 67790          | PLC                                  | <a href="#">Buckle-Smith</a>            |
| 01/29/2007      | 10350   | 130619       | 69285          | IPAC,TRANS,IP                        | Acromag                                 |
| 01/29/2007      | 10351   |              |                | IP-ADC-8413                          | Weiner                                  |
| 01/18/2007      | 10435   |              |                | MCOR Crates                          | BiRa                                    |
| 01/18/2007      | 10433   |              |                | MCOR12 Modules                       | BiRa                                    |
| 01/10/2006      | 10338   |              |                |                                      | FAB MOR Metals                          |
| 01/08/2007      | 10298   |              |                | Embedded Processors                  | Netburner Inc                           |
| 01/05/2007      | 10279   |              |                |                                      | FAB MOR Metals                          |
| 10/01/2006      | 10042   |              |                | Daughter Boards,etc.                 | Adaptive Circuits                       |
| 12/01/2006      | 10008   |              |                | EPSC Chassis                         | Integrated Power Designs, Inc.          |
| 12/01/2006      | 10005   |              |                | Parts for EPSC Chassis               | Nu Horizon                              |
| 12/01/2006      | 10005   |              |                | Parts for EPSC Chassis               | America II Electronics                  |
| 11/22/2006      | 9954    |              |                | Chassis'                             | Digi Key Corp.                          |
| 11/21/2006      | 9948    |              |                | EPSC Parts                           | Analog Devices Inc                      |
| 11/20/2006      | 9935    |              |                | EPSC Parts                           | Digi Key Corp.                          |
| 11/20/2006      | 9928    |              |                | EPSC Parts                           | Vishay Foil Resistors                   |
| 11/20/2006      | 9927    |              |                | EPSC Parts                           | Maxim/Dallas Direct                     |
| 10/30/2006      | 9380    | 129134       |                | Racks                                | Optima                                  |
| 10/04/2006      | 9361    |              |                | Transducers                          | Gmw Associates                          |
| 10/04/2006      | 9360    |              |                | 10kw Power Supplies                  | Lambda EMI                              |
| 10/26/2006      |         | 128528       | N/A            | Bulk PS                              | Lambda Emi                              |
| 10/24/2006      |         | 128565       | N/A            | Intermediate PS                      | IE Power Inc.                           |
| 10/23/2006      |         | 128527       | N/A            | Zero-Flux Transducers                | Gmw Associates                          |
| 08/14/2006      | 8664    | 126592       | 65109          | MCORs (swap 12 MCOR30 for 12 MCOR12) | BiRa                                    |
| 07/27/2006      | 7946    | 126326       | 64025          | VME Filler Panels                    | Dawn VME Products                       |
| 07/13/2006      | 7815    | 125998       | 63785          | VME DIO IPAC Modules                 | SBS Technologies Inc                    |
| 06/12/2006      | 7810    | 125306       | 63327          | VME AO IPAC Modules                  | Acromag                                 |
| 04/07/2006      | 7137    | 123989       | 62113          | MCOR Mini Crate (loaner)             | BiRa                                    |
| 04/07/2006      | 7110    | 123990       | 62008          | Transducers                          | Lem USA Inc.                            |
| 04/07/2006      | 7090    | 124020       | 62207          | VME AI IPAC Modules                  | Hytec Electronic Ltd                    |
| 04/07/2006      | 7040    | 124019       | 62025          | Bulk PS                              | Lambda EMI                              |
| 04/07/2006      | 7037    | 124018       | 62024          | HV Capacitors                        | General Atomics Electronic Systems Inc. |
| 03/21/2006      | 6958    | 123650       | 61638          | VME DI IPAC Module,Trans             | Acromag                                 |
| 03/17/2006      | 6900    | 123556       | 61653          | VSAM                                 | Bira                                    |
| 04/13/2006      | 6756    | 123594       | 62106          | MVME6100-0161                        | Systems Integration Plus Inc.           |
| 02/23/2006      | 6715    | 123086       | 61196          | 7-Slot VME Crate (evaluation)        | Wiener Plein & Baus Corp                |
| 02/23/2006      | 6699    | 123065       | 61136          | Circuit breakers                     | Cambell & George                        |
| 02/28/2006      | 6698    | 123192       | 61321          | Circuit breakers                     | Bell Electrical Supply                  |
| 02/23/2006      | 6697    | 123064       | 61135          | 480V 3-Phase Plug                    | Newark In One                           |
| 02/13/2006      | 6521    | 122830       | 59108          | Intermediate PS                      | IE Power Inc.                           |
| 02/02/2006      | 6520    | 119810       |                | Supplimental req.                    | Danfysik A/S                            |
| 02/02/2006      | 6519    | 119810       |                | Supplimental req.                    | Danfysik A/S                            |
| 02/02/2006      | 6502    | 122657       | 60787          | VME IP Carrier,DO IPAC,DIN           | Acromag                                 |
| 04/03/2006      | 6501    | 123888       | 61928          | VME IP Carrier,Trans,DIN             | Acromag                                 |
| 12/19/2005      | 6190    | 122048       | 60187          | IDEC (plc)                           | BiRa                                    |
| 12/09/2005      | 6161    | 121885       | 60682          | Racks                                | Optima                                  |
| 11/04/2005      | 5819    | 121226       | 59604          | Bulk PS- 10kw                        | Lambda EMI                              |
| 10/26/2005      | 5798    | 121034       | 59108          | Intermediate PS                      | IE Power Inc.                           |
| 10/18/2005      | 5764    | 120878       |                | Supplimental to p0 59820             | BiRa                                    |
| 10/24/2005      | 5717    | 120990       | 59238          | Zero-Flux transducers                | Gmw Associate                           |
| 11/10/2005      | 5707    | 121367       |                | Supplimental to PO 58920             | Bira                                    |
| 09/06/2005      | 5351    | 119834       | 58253          | Zero-Flux Transducers                | Gmw Associates                          |
| 09/02/2005      | 5283    | 119810       | 59108          | Intermediate PS                      | IE Power Inc.                           |

|            |                      |                        |       |       |      |
|------------|----------------------|------------------------|-------|-------|------|
| 09/16/2005 | <a href="#">5235</a> | <a href="#">120127</a> | 58920 | MCORs | Bira |
|------------|----------------------|------------------------|-------|-------|------|

#### Work Orders

| Date       | Work Order              | Bis-Req | Purchase Req No. | Description                           | Department |
|------------|-------------------------|---------|------------------|---------------------------------------|------------|
| 10/10/2005 | <a href="#">8812008</a> |         |                  | Inj Ethernet Power Supply Controllers | CPE        |
| 10/10/2005 | <a href="#">8813003</a> |         |                  | BC1 Ethernet Power Supply Controllers | CPE        |
| 10/12/2006 | <a href="#">8813004</a> |         |                  | Linac Ethernet PS Controllers         | CPE        |
| 10/12/2006 | <a href="#">8813005</a> |         |                  | Linac Ethernet PS Controllers         | CPE        |
| 10/12/2006 | <a href="#">8823001</a> |         |                  | Linac Ethernet PS Controllers (OPC)   | CPE        |
| 10/12/2006 | <a href="#">8823002</a> |         |                  | Linac Ethernet PS Controllers (OPC)   | CPE        |

#### Price Quotes

| Date       | Description                   | Vendor                             |
|------------|-------------------------------|------------------------------------|
| 0/11/2007  | <a href="#">10351</a>         | Hytec                              |
| 10/2006    | <a href="#">MVME6100-0163</a> | Arrow                              |
| 08/24/2006 | <a href="#">IP-ADC-8413</a>   | Hytec                              |
| 03/27/2006 | <a href="#">Bulk PS</a>       | Lambda EMI                         |
| 03/31/2006 | <a href="#">IP-ADC-8413</a>   | Hytec                              |
| 08/17/2006 | <a href="#">MCOR</a>          | BiRa                               |
| 03/14/2006 | <a href="#">VSAM</a>          | BiRa                               |
| 02/21/2006 | <a href="#">HV Capacitors</a> | General Atomics Electronic Systems |

#### Bidder Lists

| Date                    | Purchase Req           | Description                 |
|-------------------------|------------------------|-----------------------------|
| <a href="#">12/2006</a> | RFQ                    | Power Supplies              |
| 11/15/2006              | <a href="#">128565</a> | Intermediate Power Supplies |
| <a href="#">02/2006</a> | RFQ                    | Intermediate Power Supplies |
| <a href="#">10/2006</a> | RFQ                    | Racks                       |
| <a href="#">02/2006</a> | RFQ                    | Racks                       |

#### Sole Source

| Date       | Purchase Req          | Description                 | Vendor |
|------------|-----------------------|-----------------------------|--------|
|            |                       | <a href="#">MCOR</a>        | BiRa   |
|            |                       | VME Crates                  | Wiener |
| 01/29/2007 | <a href="#">10351</a> | <a href="#">IP-ADC-8413</a> | Hytec  |

#### Shippers

| Date       | Shipper No.            | Description                                | Vendor                    | Status     |
|------------|------------------------|--------------------------------------------|---------------------------|------------|
| 11/6/2006  | <a href="#">142884</a> | Load VSAM to vendor for checkout           | BiRa Systems Inc.         | Unapproved |
| 06/09/2006 | <a href="#">127003</a> | Return evaluation mini VME crate to vendor | Wiener Plein & Baus Corp. | closed     |
| 06/06/2006 | <a href="#">126884</a> | Repair 3 mvme6100's                        | Systems Integration Plus  | open       |
| 03/17/2005 | <a href="#">90201</a>  | PSC Controller module repair               | Paul Scherrer Institute   | closed     |