| Contract ID:                         | 75F40119F19001                         | Reference IDV:                          | 75F40118A10041   |
|--------------------------------------|--|---|--|
| Modification Number:                 | P00005                                 | Transaction Number:                     | 0  |
| Award/IDV Type:                      | BPA Call Blanket Purchase<br>Agreement | Action Obligation (\$):                 | \$0.00   |
| Date Signed:                         | Nov 15, 2019                           | Solicitation Date:                      | -  |
| Contracting Agency ID:               | 7524                                   | Contracting Agency:                     | FOOD AND DRUG<br>ADMINISTRATION  |
| Contracting Office Name:             | FDA OFFICE OF ACQ GRANT<br>SVCS        | PSC Type:                               | S  |
| PSC:                                 | R499                                   | PSC Description:                        | SUPPORT- PROFESSIONAL:<br>OTHER  |
| NAICS:                               | 541611                                 | NAICS Description:                      | ADMINISTRATIVE MANAGEMENT<br>AND GENERAL MANAGEMENT<br>CONSULTING SERVICES |
| Entity City:                         | CAMBRIDGE                              | Entity State:                           | MA   |
| Entity ZIP Code:                     | 021401337                              | Additional Reporting Code:              | NONE   |
| Additional Reporting<br>Description: | NONE OF THE ABOVE                      | Unique Entity ID:                       | F1BNQ68LSJ61   |
| Ultimate Parent Unique<br>Entity ID: | F1BNQ68LSJ61                           | Ultimate Parent Legal<br>Business Name: | INDUSTRIAL ECONOMICS<br>INCORPORATED                                       |
| Legal Business Name:                 | INDUSTRIAL ECONOMICS INC               | CAGE Code:                              | 003F3  |
| Contract ID:                         | 75F40119F19001                         | Reference IDV:                          | 75F40118A10041   |
| Modification Number:                 | P00008                                 | Transaction Number:                     | 0  |
| Award/IDV Type:                      | BPA Call Blanket Purchase<br>Agreement | Action Obligation (\$):                 | \$0.00   |
| Date Signed:                         | Apr 2, 2020                            | Solicitation Date:                      | _  |
| Contracting Agency ID:               | 7524                                   | Contracting Agency:                     | FOOD AND DRUG<br>ADMINISTRATION  |
| Contracting Office Name:             | FDA OFFICE OF ACQ GRANT<br>SVCS        | PSC Type:                               | S  |
| PSC:                                 | R499                                   | PSC Description:                        | SUPPORT- PROFESSIONAL:<br>OTHER  |
| NAICS:                               | 541611                                 | NAICS Description:                      | ADMINISTRATIVE MANAGEMENT<br>AND GENERAL MANAGEMENT<br>CONSULTING SERVICES |
| Entity City:                         | CAMBRIDGE                              | Entity State:                           | MA   |
| Entity ZIP Code:                     | 021401337                              | Additional Reporting Code:              | NONE   |
| Additional Reporting<br>Description: | NONE OF THE ABOVE                      | Unique Entity ID:                       | F1BNQ68LSJ61   |
| Ultimate Parent Unique<br>Entity ID: | F1BNQ68LSJ61                           | Ultimate Parent Legal<br>Business Name: | INDUSTRIAL ECONOMICS<br>INCORPORATED                                       |
|                                      |  |   |  |

| Contract ID:                         | 75F40119F19001                         | Reference IDV:                          | 75F40118A10041   |
|--------------------------------------|--|---|--|
| Modification Number:                 | P00009                                 | Transaction Number:                     | 0  |
| Award/IDV Type:                      | BPA Call Blanket Purchase<br>Agreement | Action Obligation (\$):                 | \$0.00   |
| Date Signed:                         | May 4, 2020                            | Solicitation Date:                      | -  |
| Contracting Agency ID:               | 7524                                   | Contracting Agency:                     | FOOD AND DRUG<br>ADMINISTRATION  |
| Contracting Office Name:             | FDA OFFICE OF ACQ GRANT<br>SVCS        | PSC Type:                               | S  |
| PSC:                                 | R499                                   | PSC Description:                        | SUPPORT- PROFESSIONAL:<br>OTHER  |
| NAICS:                               | 541611                                 | NAICS Description:                      | ADMINISTRATIVE MANAGEMENT<br>AND GENERAL MANAGEMENT<br>CONSULTING SERVICES |
| Entity City:                         | CAMBRIDGE                              | Entity State:                           | MA   |
| Entity ZIP Code:                     | 021401337                              | Additional Reporting Code:              | NONE   |
| Additional Reporting<br>Description: | NONE OF THE ABOVE                      | Unique Entity ID:                       | F1BNQ68LSJ61   |
| Ultimate Parent Unique<br>Entity ID: | F1BNQ68LSJ61                           | Ultimate Parent Legal<br>Business Name: | INDUSTRIAL ECONOMICS<br>INCORPORATED                                       |
| Legal Business Name:                 | INDUSTRIAL ECONOMICS INC               | CAGE Code:                              | 003F3  |
| Contract ID:                         | 75F40119F19001                         | Reference IDV:                          | 75F40118A10041   |
| Modification Number:                 | P00004                                 | Transaction Number:                     | 0  |
| Award/IDV Type:                      | BPA Call Blanket Purchase<br>Agreement | Action Obligation (\$):                 | \$0.00   |
| Date Signed:                         | Aug 12, 2019                           | Solicitation Date:                      | _  |
| Contracting Agency ID:               | 7524                                   | Contracting Agency:                     | FOOD AND DRUG<br>ADMINISTRATION  |
| Contracting Office Name:             | FDA OFFICE OF ACQ GRANT<br>SVCS        | PSC Type:                               | S  |
| PSC:                                 | R499                                   | PSC Description:                        | SUPPORT- PROFESSIONAL:<br>OTHER  |
| NAICS:                               | 541611                                 | NAICS Description:                      | ADMINISTRATIVE MANAGEMENT<br>AND GENERAL MANAGEMENT<br>CONSULTING SERVICES |
| Entity City:                         | CAMBRIDGE                              | Entity State:                           | MA   |
| Entity ZIP Code:                     | 021401337                              | Additional Reporting Code:              | NONE   |
| Additional Reporting<br>Description: | NONE OF THE ABOVE                      | Unique Entity ID:                       | F1BNQ68LSJ61   |
| Ultimate Parent Unique               | F1BNQ68LSJ61                           | Ultimate Parent Legal<br>Business Name: | INDUSTRIAL ECONOMICS<br>INCORPORATED                                       |
| Entity ID:                           |  |   |  |

| Contract ID:                         | 75F40119F19001                         | Reference IDV:                          | 75F40118A10041   |
|--------------------------------------|--|---|--|
| Modification Number:                 | P00010                                 | Transaction Number:                     | 0  |
| Award/IDV Type:                      | BPA Call Blanket Purchase<br>Agreement | Action Obligation (\$):                 | \$0.00   |
| Date Signed:                         | Jul 16, 2020                           | Solicitation Date:                      | _  |
| Contracting Agency ID:               | 7524                                   | Contracting Agency:                     | FOOD AND DRUG<br>ADMINISTRATION  |
| Contracting Office Name:             | FDA OFFICE OF ACQ GRANT<br>SVCS        | PSC Type:                               | S  |
| PSC:                                 | R499                                   | PSC Description:                        | SUPPORT- PROFESSIONAL:<br>OTHER  |
| NAICS:                               | 541611                                 | NAICS Description:                      | ADMINISTRATIVE MANAGEMENT<br>AND GENERAL MANAGEMENT<br>CONSULTING SERVICES |
| Entity City:                         | CAMBRIDGE                              | Entity State:                           | MA   |
| Entity ZIP Code:                     | 021401337                              | Additional Reporting Code:              | NONE   |
| Additional Reporting<br>Description: | NONE OF THE ABOVE                      | Unique Entity ID:                       | F1BNQ68LSJ61   |
| Ultimate Parent Unique<br>Entity ID: | F1BNQ68LSJ61                           | Ultimate Parent Legal<br>Business Name: | INDUSTRIAL ECONOMICS<br>INCORPORATED                                       |
| Legal Business Name:                 | INDUSTRIAL ECONOMICS INC               | CAGE Code:                              | 003F3  |
| Contract ID:                         | 75F40119F19001                         | Reference IDV:                          | 75F40118A10041   |
| Modification Number:                 | P00015                                 | Transaction Number:                     | 0  |
| Award/IDV Type:                      | BPA Call Blanket Purchase<br>Agreement | Action Obligation (\$):                 | \$413,816.28   |
| Date Signed:                         | Mar 12, 2023                           | Solicitation Date:                      | -  |
| Contracting Agency ID:               | 7524                                   | Contracting Agency:                     | FOOD AND DRUG<br>ADMINISTRATION  |
| Contracting Office Name:             | FDA OFFICE OF ACQ GRANT<br>SVCS        | PSC Type:                               | S  |
| PSC:                                 | R499                                   | PSC Description:                        | SUPPORT- PROFESSIONAL:<br>OTHER  |
| NAICS:                               | 541611                                 | NAICS Description:                      | ADMINISTRATIVE MANAGEMENT<br>AND GENERAL MANAGEMENT<br>CONSULTING SERVICES |
| Entity City:                         | CAMBRIDGE                              | Entity State:                           | MA   |
| Entity ZIP Code:                     | 021401337                              | Additional Reporting Code:              | NONE   |
| Additional Reporting<br>Description: | NONE OF THE ABOVE                      | Unique Entity ID:                       | F1BNQ68LSJ61   |
|                                      | F1BNQ68LSJ61                           | Ultimate Parent Legal                   | INDUSTRIAL ECONOMICS   |
| Ultimate Parent Unique<br>Entity ID: | -                                      | Business Name:                          | INCORPORATED   |

| Contract ID:                         | 75F40119F19001                         | Reference IDV:                          | 75F40118A10041   |
|--------------------------------------|--|---|--|
| Modification Number:                 | 0                                      | Transaction Number:                     | 0  |
| Award/IDV Type:                      | BPA Call Blanket Purchase<br>Agreement | Action Obligation (\$):                 | \$381,281.32   |
| Date Signed:                         | Apr 17, 2019                           | Solicitation Date:                      | -  |
| Contracting Agency ID:               | 7524                                   | Contracting Agency:                     | FOOD AND DRUG<br>ADMINISTRATION  |
| Contracting Office Name:             | FDA OFFICE OF ACQ GRANT<br>SVCS        | PSC Type:                               | S  |
| PSC:                                 | R499                                   | PSC Description:                        | SUPPORT- PROFESSIONAL:<br>OTHER  |
| NAICS:                               | 541611                                 | NAICS Description:                      | ADMINISTRATIVE MANAGEMENT<br>AND GENERAL MANAGEMENT<br>CONSULTING SERVICES |
| Entity City:                         | CAMBRIDGE                              | Entity State:                           | MA   |
| Entity ZIP Code:                     | 021401337                              | Additional Reporting Code:              | NONE   |
| Additional Reporting<br>Description: | NONE OF THE ABOVE                      | Unique Entity ID:                       | F1BNQ68LSJ61   |
| Ultimate Parent Unique<br>Entity ID: | F1BNQ68LSJ61                           | Ultimate Parent Legal<br>Business Name: | INDUSTRIAL ECONOMICS<br>INCORPORATED                                       |
| Legal Business Name:                 | INDUSTRIAL ECONOMICS INC               | CAGE Code:                              | 003F3  |
| Contract ID:                         | 75F40119F19001                         | Reference IDV:                          | 75F40118A10041   |
| Modification Number:                 | P00006                                 | Transaction Number:                     | 0  |
| Award/IDV Type:                      | BPA Call Blanket Purchase<br>Agreement | Action Obligation (\$):                 | \$0.00   |
| Date Signed:                         | Jan 23, 2020                           | Solicitation Date:                      | -  |
| Contracting Agency ID:               | 7524                                   | Contracting Agency:                     | FOOD AND DRUG<br>ADMINISTRATION  |
| Contracting Office Name:             | FDA OFFICE OF ACQ GRANT<br>SVCS        | PSC Type:                               | S  |
| PSC:                                 | R499                                   | PSC Description:                        | SUPPORT- PROFESSIONAL:<br>OTHER  |
| NAICS:                               | 541611                                 | NAICS Description:                      | ADMINISTRATIVE MANAGEMENT<br>AND GENERAL MANAGEMENT<br>CONSULTING SERVICES |
| Entity City:                         | CAMBRIDGE                              | Entity State:                           | MA   |
| Entity ZIP Code:                     | 021401337                              | Additional Reporting Code:              | NONE   |
| Additional Reporting<br>Description: | NONE OF THE ABOVE                      | Unique Entity ID:                       | F1BNQ68LSJ61   |
| Ultimate Parent Unique<br>Entity ID: | F1BNQ68LSJ61                           | Ultimate Parent Legal<br>Business Name: | INDUSTRIAL ECONOMICS<br>INCORPORATED                                       |
|                                      |  |   |  |

| Contract ID:                         | 75F40119F19001                         | Reference IDV:                          | 75F40118A10041   |
|--------------------------------------|--|---|--|
| Modification Number:                 | P00012                                 | Transaction Number:                     | 0  |
| Award/IDV Type:                      | BPA Call Blanket Purchase<br>Agreement | Action Obligation (\$):                 | \$405,428.12   |
| Date Signed:                         | Mar 25, 2022                           | Solicitation Date:                      | -  |
| Contracting Agency ID:               | 7524                                   | Contracting Agency:                     | FOOD AND DRUG<br>ADMINISTRATION  |
| Contracting Office Name:             | FDA OFFICE OF ACQ GRANT<br>SVCS        | PSC Type:                               | S  |
| PSC:                                 | R499                                   | PSC Description:                        | SUPPORT- PROFESSIONAL:<br>OTHER  |
| NAICS:                               | 541611                                 | NAICS Description:                      | ADMINISTRATIVE MANAGEMENT<br>AND GENERAL MANAGEMENT<br>CONSULTING SERVICES |
| Entity City:                         | CAMBRIDGE                              | Entity State:                           | МА   |
| Entity ZIP Code:                     | 021401337                              | Additional Reporting Code:              | NONE   |
| Additional Reporting<br>Description: | NONE OF THE ABOVE                      | Unique Entity ID:                       | F1BNQ68LSJ61   |
| Ultimate Parent Unique<br>Entity ID: | F1BNQ68LSJ61                           | Ultimate Parent Legal<br>Business Name: | INDUSTRIAL ECONOMICS<br>INCORPORATED                                       |
| Legal Business Name:                 | INDUSTRIAL ECONOMICS INC               | CAGE Code:                              | 003F3  |
| Contract ID:                         | 75F40119F19001                         | Reference IDV:                          | 75F40118A10041   |
| Modification Number:                 | P00014                                 | Transaction Number:                     | 0  |
| Award/IDV Type:                      | BPA Call Blanket Purchase<br>Agreement | Action Obligation (\$):                 | \$0.00   |
| Date Signed:                         | Nov 18, 2022                           | Solicitation Date:                      | -  |
| Contracting Agency ID:               | 7524                                   | Contracting Agency:                     | FOOD AND DRUG<br>ADMINISTRATION  |
| Contracting Office Name:             | FDA OFFICE OF ACQ GRANT<br>SVCS        | PSC Type:                               | S  |
| PSC:                                 | R499                                   | PSC Description:                        | SUPPORT- PROFESSIONAL:<br>OTHER  |
| NAICS:                               | 541611                                 | NAICS Description:                      | ADMINISTRATIVE MANAGEMENT<br>AND GENERAL MANAGEMENT<br>CONSULTING SERVICES |
| Entity City:                         | CAMBRIDGE                              | Entity State:                           | МА   |
| Entity ZIP Code:                     | 021401337                              | Additional Reporting Code:              | NONE   |
| Additional Reporting<br>Description: | NONE OF THE ABOVE                      | Unique Entity ID:                       | F1BNQ68LSJ61   |
| Ultimate Parent Unique               | F1BNQ68LSJ61                           | Ultimate Parent Legal<br>Business Name: | INDUSTRIAL ECONOMICS<br>INCORPORATED                                       |
| Entity ID:                           |  |   |  |

| Contract ID:                         | 75F40119F19001                         | Reference IDV:                          | 75F40118A10041   |
|--------------------------------------|--|---|--|
| Modification Number:                 | P00007                                 | Transaction Number:                     | 0  |
| Award/IDV Type:                      | BPA Call Blanket Purchase<br>Agreement | Action Obligation (\$):                 | \$389,161.64   |
| Date Signed:                         | Mar 27, 2020                           | Solicitation Date:                      | -  |
| Contracting Agency ID:               | 7524                                   | Contracting Agency:                     | FOOD AND DRUG<br>ADMINISTRATION  |
| Contracting Office Name:             | FDA OFFICE OF ACQ GRANT<br>SVCS        | PSC Type:                               | S  |
| PSC:                                 | R499                                   | PSC Description:                        | SUPPORT- PROFESSIONAL:<br>OTHER  |
| NAICS:                               | 541611                                 | NAICS Description:                      | ADMINISTRATIVE MANAGEMENT<br>AND GENERAL MANAGEMENT<br>CONSULTING SERVICES |
| Entity City:                         | CAMBRIDGE                              | Entity State:                           | MA   |
| Entity ZIP Code:                     | 021401337                              | Additional Reporting Code:              | NONE   |
| Additional Reporting<br>Description: | NONE OF THE ABOVE                      | Unique Entity ID:                       | F1BNQ68LSJ61   |
| Ultimate Parent Unique<br>Entity ID: | F1BNQ68LSJ61                           | Ultimate Parent Legal<br>Business Name: | INDUSTRIAL ECONOMICS<br>INCORPORATED                                       |
| Legal Business Name:                 | INDUSTRIAL ECONOMICS INC               | CAGE Code:                              | 003F3  |
| Contract ID:                         | 75F40119F19001                         | Reference IDV:                          | 75F40118A10041   |
| Modification Number:                 | P00013                                 | Transaction Number:                     | 0  |
| Award/IDV Type:                      | BPA Call Blanket Purchase<br>Agreement | Action Obligation (\$):                 | \$0.00   |
| Date Signed:                         | Sep 5, 2022                            | Solicitation Date:                      | _  |
| Contracting Agency ID:               | 7524                                   | Contracting Agency:                     | FOOD AND DRUG<br>ADMINISTRATION  |
| Contracting Office Name:             | FDA OFFICE OF ACQ GRANT<br>SVCS        | PSC Type:                               | S  |
| PSC:                                 | R499                                   | PSC Description:                        | SUPPORT- PROFESSIONAL:<br>OTHER  |
| NAICS:                               | 541611                                 | NAICS Description:                      | ADMINISTRATIVE MANAGEMENT<br>AND GENERAL MANAGEMENT<br>CONSULTING SERVICES |
| Entity City:                         | CAMBRIDGE                              | Entity State:                           | MA   |
| Entity ZIP Code:                     | 021401337                              | Additional Reporting Code:              | NONE   |
| Additional Reporting<br>Description: | NONE OF THE ABOVE                      | Unique Entity ID:                       | F1BNQ68LSJ61   |
| Ultimate Parent Unique<br>Entity ID: | F1BNQ68LSJ61                           | Ultimate Parent Legal<br>Business Name: | INDUSTRIAL ECONOMICS<br>INCORPORATED                                       |
| Enercy in.                           |  |   |  |

| Contract ID:                         | 75F40119F19001                         | Reference IDV:                          | 75F40118A10041   |
|--------------------------------------|--|---|--|
| Modification Number:                 | P00011                                 | Transaction Number:                     | 0  |
| Award/IDV Type:                      | BPA Call Blanket Purchase<br>Agreement | Action Obligation (\$):                 | \$397,211.00   |
| Date Signed:                         | Apr 7, 2021                            | Solicitation Date:                      | -  |
| Contracting Agency ID:               | 7524                                   | Contracting Agency:                     | FOOD AND DRUG<br>ADMINISTRATION  |
| Contracting Office Name:             | FDA OFFICE OF ACQ GRANT<br>SVCS        | PSC Type:                               | S  |
| PSC:                                 | R499                                   | PSC Description:                        | SUPPORT- PROFESSIONAL:<br>OTHER  |
| NAICS:                               | 541611                                 | NAICS Description:                      | ADMINISTRATIVE MANAGEMENT<br>AND GENERAL MANAGEMENT<br>CONSULTING SERVICES |
| Entity City:                         | CAMBRIDGE                              | Entity State:                           | MA   |
| Entity ZIP Code:                     | 021401337                              | Additional Reporting Code:              | NONE   |
| Additional Reporting<br>Description: | NONE OF THE ABOVE                      | Unique Entity ID:                       | F1BNQ68LSJ61   |
| Ultimate Parent Unique<br>Entity ID: | F1BNQ68LSJ61                           | Ultimate Parent Legal<br>Business Name: | INDUSTRIAL ECONOMICS<br>INCORPORATED                                       |
| Legal Business Name:                 | INDUSTRIAL ECONOMICS INC               | CAGE Code:                              | 003F3  |