Table 5 New Proposals Submitted by Federal Sponsor FY 2015

| Sponsor  | Props  | <u>Direct</u>  | Indirect   | <u>Total</u>  | Project Est   |
|--|--|--|--|---|---|
| US Dept of Agriculture   |  |  |  |   |   |
| Agricultural Marketing Service (USDA - AMS) Animal and Plant Health Inspec Serv (APHIS) Forest Service (USFS) Nat'l Institute of Food and Agriculture (NIFA) US Dept of Agriculture (USDA)   | 1<br>4<br>1<br>48<br>2   | 43,220<br>408,295<br>15,000<br>11,367,911<br>38,333  | 0<br>37,329<br>0<br>1,466,662<br>16,716  | 43,220<br>445,624<br>15,000<br>12,834,573<br>55,049   | 89,197<br>445,624<br>15,000<br>28,119,730<br>83,816   |
| Agency Total FY 2015 Agency Total FY 2014 % Change FY 2014 to FY 2015  | <b>56</b><br>65<br><b>-14%</b>   | <b>\$11,872,759</b><br>\$12,333,577<br><b>-4%</b>  | <b>\$1,520,707</b><br>\$1,544,726<br><b>-2%</b>  | <b>\$13,393,466</b><br>\$13,878,303<br><b>-3%</b>   | <b>\$28,753,367</b><br>\$27,598,368<br><b>4%</b>  |
| US Dept of Commerce  |  |  |  |   |   |
| National Institute of Standards and Tech<br>Nat'l Oceanic and Atmospheric Admin (NOAA)   | 3<br>4   | 119,236<br>409,152   | 34,300<br>184,239  | 153,536<br>593,391  | 356,444<br>1,325,465  |
| Agency Total FY 2015 Agency Total FY 2014  | <b>7</b> 7   | <b>\$528,388</b><br>\$731,889  | <b>\$218,539</b><br>\$215,805  | <b>\$746,927</b><br>\$947,694   | <b>\$1,681,909</b><br>\$1,229,843   |
| % Change FY 2014 to FY 2015  | 0%   | -28%   | 1%   | -21%  | 37%   |
| US Dept of Defense   |  |  |  |   |   |
| Air Force Office of Scientific Research (AFOSF Air Force Office Research Laboratory Army Corps of Engineers Army Research Office (ARO) Asian Off Aerospace RD (AOARD-AFOSR) Defense Advanced Research Proj Agency (DA Defense Logistics Agency Defense Threat Reduction Agency National Security Agency (NSA) Naval Research Laboratory Office of Naval Research (ONR) Spawarsyscen-SD US Dept of Defense (DOD)  Agency Total FY 2015 Agency Total FY 2014 % Change FY 2014 to FY 2015 | 2<br>1<br>3<br>5<br>1<br>11<br>1<br>1<br>3<br>2<br>13<br>1<br>9<br><b>53</b><br>40<br><b>33%</b> | 153,270<br>250,646<br>100,571<br>5,445,088<br>65,697<br>4,245,945<br>259,133<br>273,659<br>75,224<br>88,650<br>1,539,406<br>83,726<br>1,887,761<br>\$14,468,776<br>\$9,177,471 | 80,116<br>137,487<br>43,146<br>1,428,446<br>24,304<br>1,686,714<br>12,754<br>76,341<br>44,759<br>47,053<br>516,270<br>31,465<br>696,816<br>\$4,825,671<br>\$2,647,506<br>82% | 233,386<br>388,133<br>143,717<br>6,873,534<br>90,001<br>5,932,659<br>271,887<br>350,000<br>119,983<br>135,703<br>2,055,676<br>115,191<br>2,584,577<br>\$19,294,447<br>\$11,824,977<br>63% | 694,971<br>1,699,992<br>208,755<br>7,343,067<br>260,001<br>23,825,658<br>271,887<br>1,790,488<br>235,575<br>314,959<br>7,666,250<br>2,781,810<br>5,794,179<br>\$52,887,592<br>\$36,903,641<br>43% |
| US Dept of Education   | <b>33</b> 70   | 30%  | 02%  | 03%   | 4376  |
| •  |  |  |  |   |   |
| Institute of Education Sciences US Dept of Education (DOED)  | 4  | 1,516,411<br>1,400,536   | 513,327<br>137,139   | 2,029,738<br>1,537,675  | 9,096,282<br>5,546,959  |
| Agency Total FY 2015 Agency Total FY 2014 % Change FY 2014 to FY 2015  | <b>8</b><br>9<br><b>-11%</b>   | <b>\$2,916,947</b><br>\$2,713,850<br><b>7%</b>   | <b>\$650,466</b><br>\$669,883<br><b>-3%</b>  | <b>\$3,567,413</b><br>\$3,383,733<br><b>5%</b>  | <b>\$14,643,241</b><br>\$14,534,616<br><b>1%</b>  |

Table 5 (cont'd)
New Proposals Submitted by Federal Sponsor FY 2015

| Sponsor   | <u>Props</u>                       | <u>Direct</u>  | Indirect   | <u>Total</u>                                       | Project Est   |
|---|------------------------------------|--|--|--|---|
| US Dept of Energy   |                                    |  |  |  |   |
| US Dept of Energy (DOE)   | 12                                 | 2,866,899  | 1,390,195  | 4,257,094  | 13,672,160  |
| Agency Total FY 2015 Agency Total FY 2014 % Change FY 2014 to FY 2015   | <b>12</b><br>18<br><b>-33%</b>     | <b>\$2,866,899</b><br>\$6,939,598<br><b>-59%</b>                                   | <b>\$1,390,195</b><br>\$3,074,298<br><b>-55%</b>                                 | <b>\$4,257,094</b><br>\$10,013,896<br>- <b>57%</b> | <b>\$13,672,160</b><br>\$38,572,335<br><b>-65%</b>                                      |
| US Dept of Health and Human Services  |                                    |  |  |  |   |
| Agency for Healthcare Research & Quality Centers for Medicare & Medicaid Services National Institutes of Health (NIH) US Dept of Health and Human Services (DHH:  Agency Total FY 2015 Agency Total FY 2014 | 1<br>130<br>2<br><b>134</b><br>137 | 271,237<br>102,327<br>28,577,767<br>444,913<br><b>\$29,396,244</b><br>\$27,672,375 | 100,704<br>4,532<br>10,958,036<br>253,342<br><b>\$11,316,614</b><br>\$11,040,710 |  | 689,661<br>199,911<br>160,751,762<br>3,045,165<br><b>\$164,686,499</b><br>\$135,484,821 |
| % Change FY 2014 to FY 2015   | -2%                                | 6%   | 2%   | 5%   | 22%   |
| US Dept of Homeland Security  |                                    |  |  |  |   |
| US Dept of Homeland Security  | 2                                  | 593,003  | 284,831  | 877,834  | 2,138,085   |
| Agency Total FY 2015  | 2                                  | \$593,003  | \$284,831  | \$877,834  | \$2,138,085   |
| US Dept of Interior   |                                    |  |  |  |   |
| Geological Survey (USGS) National Park Service National Park Service-No. Atlantic Reg. US Fish and Wildlife Service (FWS)   | 19<br>2<br>2<br>5                  | 988,811<br>141,721<br>84,175<br>423,962  | 276,518<br>23,206<br>13,900<br>122,035   | 1,265,329<br>164,927<br>98,075<br>545,997          | 2,269,286<br>164,927<br>149,999<br>748,003  |
| Agency Total FY 2015 Agency Total FY 2014 % Change FY 2014 to FY 2015   | 28<br>21<br>33%                    | <b>\$1,638,669</b><br>\$1,722,584<br><b>-5%</b>                                    | <b>\$435,659</b><br>\$367,927<br><b>18%</b>                                      | <b>\$2,074,328</b><br>\$2,090,511<br><b>-1%</b>    | <b>\$3,332,215</b><br>\$3,248,920<br><b>3%</b>  |
| US Dept of Justice  |                                    |  |  |  |   |
| Federal Bureau of Investigation (FBI)<br>National Inst of Justice (NIJ)   | 1<br>1                             | 314,120<br>548,052   | 185,880<br>114,469   | 500,000<br>662,521                                 | 500,000<br>3,575,438  |
| Agency Total FY 2015 Agency Total FY 2014 % Change FY 2014 to FY 2015   | 2<br>1<br>100%                     | <b>\$862,172</b><br>\$254,770<br><b>238%</b>                                       | <b>\$300,349</b><br>\$145,228<br><b>107%</b>                                     | <b>\$1,162,521</b><br>\$399,998<br><b>191%</b>     | <b>\$4,075,438</b><br>\$399,998<br><b>919%</b>  |

Table 5 (cont'd)
New Proposals Submitted by Federal Sponsor FY 2015

| Sponsor   | <u>Props</u>                   | Direct  | Indirect   | <u>Total</u>  | Project Est  |
|---|--------------------------------|---|--|---|--|
| US Dept of Transportation   |                                |   |  |   |  |
| Federal Aviation Administration (FAA) Federal Highway Administration (FHA) Federal Motor Carrier Safety Admin Federal Railroad Administration Federal Transit Administration  | 1<br>1<br>1<br>1               | 93,180<br>107,275<br>154,643<br>34,979<br>66,014                      | 51,605<br>42,382<br>92,013<br>17,513<br>33,194     | 144,785<br>149,657<br>246,656<br>52,492<br>99,208                   | 450,000<br>149,657<br>394,524<br>52,492<br>99,208                      |
| Agency Total FY 2015 Agency Total FY 2014 % Change FY 2014 to FY 2015   | <b>5</b><br>3<br><b>67%</b>    | <b>\$456,091</b><br>\$285,005<br><b>60%</b>                           | <b>\$236,707</b><br>\$153,202<br><b>55%</b>        | <b>\$692,798</b><br>\$438,207<br><b>58%</b>                         | <b>\$1,145,881</b><br>\$774,242<br><b>48%</b>                          |
| Independent Establishments & Govt Corps   |                                |   |  |   |  |
| Environmental Protection Agency (EPA) National Aero and Space Administration (NAS) National Endowment for the Arts (NEA) National Endowment for the Humanities (NEH) Small Business Administration (SBA) Vietnam Education Foundation | 2<br>23<br>3<br>7<br>1         | 401,646<br>1,494,449<br>76,046<br>782,037<br>2,186,712<br>85,500      | 145,685<br>612,407<br>23,954<br>345,614<br>0       | 547,331<br>2,106,856<br>100,000<br>1,127,651<br>2,186,712<br>85,500 | 1,375,824<br>5,815,869<br>100,000<br>1,660,588<br>2,186,712<br>175,500 |
| Agency Total FY 2015 Agency Total FY 2014 % Change FY 2014 to FY 2015   | <b>37</b><br>39<br><b>-5%</b>  | <b>\$5,026,390</b><br>\$7,153,074<br><b>-30%</b>                      | <b>\$1,127,660</b><br>\$1,733,016<br>- <b>35</b> % | <b>\$6,154,050</b><br>\$8,886,090<br><b>-31%</b>                    | <b>\$11,314,493</b><br>\$20,292,134<br><b>-44%</b>                     |
| National Science Foundation   |                                |   |  |   |  |
| National Science Foundation (NSF)   | 367                            | 37,835,189  | 15,914,695   | 53,749,884  | 172,171,688  |
| Agency Total FY 2015 Agency Total FY 2014 % Change FY 2014 to FY 2015   | <b>367</b><br>354<br><b>4%</b> | <b>\$37,835,189</b><br>\$45,506,740<br><b>-17%</b>                    | <b>\$15,914,695</b><br>\$17,891,120<br><b>-11%</b> |   | <b>\$172,171,688</b><br>\$222,662,927<br><b>-23%</b>                   |
| Other/Quasi Government Agencies   |                                |   |  |   |  |
| Boston Healthcare System (VA) Department of Veterans Affairs (VA) National Fish and Wildlife Foundation (NFWF) National Research Council (NRC)  | 1<br>1<br>1                    | 116,034<br>45,552<br>131,155<br>41,500                                | 69,041<br>26,963<br>9,538<br>0                     | 185,075<br>72,515<br>140,693<br>41,500                              | 558,834<br>72,515<br>237,368<br>41,500                                 |
| Agency Total FY 2015 Agency Total FY 2014 % Change FY 2014 to FY 2015   | <b>4</b><br>4<br><b>0%</b>     | <b>\$334,241</b><br>\$1,051,277<br><b>-68%</b>                        | <b>\$105,542</b><br>\$205,285<br><b>-49%</b>       | <b>\$439,783</b><br>\$1,256,562<br><b>-65%</b>                      | <b>\$910,217</b><br>\$2,876,910<br><b>-68%</b>                         |
| Total FY 2015 - Federal Total FY 2014 - Federal Total FY 2013 - Federal % Change FY 2014 to FY 2015   | 966<br>691<br><b>-26%</b>      | <b>\$108,795,768</b><br>\$147,632,994<br>\$101,784,096<br><b>-26%</b> | \$55,552,477<br>\$33,192,311<br>-31%               | -28%  | \$678,852,785<br>\$406,801,912<br>-31%                                 |
| % Change FY 2013 to FY 2014   | 40%                            | 45%   | 67%  | 50%   | 67%  |

Table 5 (cont'd)
New Proposals Submitted by Sponsor FY 2015

| Sponsor                                     | <u>Props</u> | <u>Direct</u> | Indirect    | <u>Total</u> | Project Est  |
|---|--------------|---------------|-------------|--------------|--------------|
| Commonwealth of Massachusetts               |              |               |             |              |              |
| MA Clean Energy Center                      | 2            | 175,864       | 19,136      | 195,000      | 195,000      |
| MA Costal Zone Management                   | 1            | 45,922        | 11,940      | 57,862       | 98,346       |
| MA Cultural Council                         | 4            | 13,300        | 0           | 13,300       | 13,300       |
| MA Dept of Agricultural Resources           | 5            | 223,481       | 53,013      | 276,494      | 301,649      |
| MA Dept of Business Development             | 2            | 1,204,286     | 0           | 1,204,286    | 1,204,286    |
| MA Dept of Conservation and Recreation      | 5            | 80,245        | 12,897      | 93,142       | 93,142       |
| MA Dept of Education                        | 1            | 88,428        | 21,756      | 110,184      | 411,498      |
| MA Dept of Elementary & Secondary Ed        | 4            | 699,888       | 154,043     | 853,931      | 2,793,294    |
| MA Dept of Environmental Protection         | 4            | 119,913       | 35,924      | 155,837      | 361,498      |
| MA Dept of Fish and Game                    | 2            | 169,461       | 2,070       | 171,531      | 276,412      |
| MA Dept of Higher Education                 | 2            | 76,321        | 8,064       | 84,385       | 84,385       |
| MA Dept of Public Health (DPH)              | 2            | 100,952       | 41,671      | 142,623      | 142,623      |
| MA Dept of Revenue                          | 1            | 8,553         | 2,224       | 10,777       | 10,777       |
| MA Dept of State Police                     | 1            | 79,364        | 20,635      | 99,999       | 99,999       |
| MA Dept of Transitional Assistance          | 2            | 2,842,970     | 710,119     | 3,553,089    | 3,742,975    |
| MA Dept of Transportation                   | 6            | 4,920,411     | 1,207,229   | 6,127,640    | 8,991,352    |
| MA Division of Energy Resources             | 1            | 0             | 0           | 0            | 268,000      |
| MA Division of Fisheries and Wildlife (DFW) | 1            | 184,500       | 0           | 184,500      | 184,500      |
| MA Division of Marine Fisheries             | 3            | 308,367       | 41,169      | 349,536      | 349,536      |
| MA Emergency Management Agency              | 1            | 212,475       | 0           | 212,475      | 212,475      |
| MA Environmental Trust                      | 2            | 61,860        | 17,965      | 79,825       | 79,825       |
| MA Exec Off of Energy & Environ Affairs     | 1            | 19,218        | 4,996       | 24,214       | 38,548       |
| MA Exec Off of Health & Human Services      | 1            | 50,722        | 30,179      | 80,901       | 80,901       |
| MA Exec Off of Public Safety                | 1            | 71,480        | 18,585      | 90,065       | 90,065       |
| MA Exec Off of Public Safety & Security     | 2            | 141,699       | 36,288      | 177,987      | 177,987      |
| MA Life Sciences Center                     | 4            | 6,972,412     | 66,611      | 7,039,023    | 10,583,906   |
| MA Office for Victim Assistance             | 1            | 65,844        | 0           | 65,844       | 65,844       |
| MA Technology Transfer Center               | 1            | 31,746        | 8,254       | 40,000       | 40,000       |
| Total FY 2015 - Commonwealth of MA          | 63           | \$18,969,682  | \$2,524,768 | \$21,494,450 | \$30,992,123 |
| Total FY 2014 - Commonwealth of MA          | 54           | \$30,198,352  | \$1,700,672 | \$31,899,024 | \$50,354,536 |
| Total FY 2013 - Commonwealth of MA          | 66           | \$13,155,804  | \$1,856,669 | \$15,012,473 | \$24,708,704 |
| % Change FY 2014 to FY 2015                 | 17%          | -37%          | 48%         | -33%         | -38%         |
| % Change FY 2013 to FY 2014                 | -18%         | 130%          | -8%         | 112%         | 104%         |

Table 5 (cont'd) New Proposals Submitted by Sponsor FY 2015

| Sponsor                                 | <u>Props</u> | <u>Direct</u> | Indirect     | <u>Total</u>  | Project Est   |
|---|--------------|---------------|--------------|---------------|---------------|
| Other States and Local Governments      |              |               |              |               |               |
| City of El Paso, TX                     | 1            | 21,940        | 0            | 21,940        | 21,940        |
| City of Seattle - WA                    | 1            | 40,309        | 23,983       |               | 127,497       |
| City of Worcester                       | 2            | 5,975         | 1,527        | 7,502         | 7,502         |
| CT Agricultural Experiment Station      | 4            | 114,218       | 29,036       | 143,254       | 311,086       |
| Fisheries and Oceans Canada             | 1            | 49,822        | 0            | 49,822        | 73,024        |
| Holyoke City of                         | 1            | 33,865        | 8,806        |               | 42,671        |
| New England Transportation Consortium   | 4            | 336,170       | 93,028       |               | 558,894       |
| Pioneer Valley Planning Commission      | 3            | 137,144       | 34,633       |               | 171,777       |
| Pueblo Economic Development Corporation | 1            | 31,337        | 18,645       |               | 49,982        |
| Springfield City of                     | 2            | 30,219        | 6,205        |               | 36,424        |
| Town of Dalton                          | 1            | 13,932        | 3,480        |               | 17,412        |
| Town of Salem, CT                       | 1            | 12,717        | 3,192        |               | 15,909        |
| Upper Blackstone WPAD                   | 1            | 39,132        | 10,174       | 49,306        | 106,095       |
| Agency Total FY 2015                    | 23           | \$866,780     | \$232,709    | \$1,099,489   | \$1,540,213   |
| Agency Total FY 2014                    | 20           | \$660,668     | \$193,326    | \$853,994     | \$1,371,954   |
| Private Sector                          |              |               |              |               |               |
| Non - Profit                            |              |               |              |               |               |
| Foundations                             | 103          | 7,354,228     | 454,745      | 7,808,973     | 15,926,425    |
| Health Agencies                         | 13           | 750,198       | 360,579      | 1,110,777     | 3,954,465     |
| Institutes and Associations             | 119          | 7,122,623     | 985,903      |               | 17,363,640    |
| Other Colleges and Universities         | 160          | 9,411,111     | 4,131,799    |               | 39,860,496    |
|   | 19           |               |              |               |               |
| Other Sponsors                          | 19           | 1,072,891     | 191,039      | 1,263,930     | 2,200,818     |
| Total Non - Profit                      | 414          | 25,711,051    | 6,124,065    | 31,835,116    | 79,305,844    |
| Total Industry                          | 115          | 5,854,205     | 2,232,049    | 8,086,254     | 9,737,840     |
| Total FY 2015 Private Sector            | 529          | \$31,565,256  | \$8.356.114  | \$39,921,370  | \$89,043,684  |
| Total FY 2014 Private Sector            | 594          | 35,491,438    | 9,427,861    |               | 127,689,899   |
| Cumulative Total FY 15                  | 1.330        | \$160,197,486 | \$49,441.226 | \$209,638,712 | \$592,988.803 |
| Cumulative Total FY 14                  |              | \$181,892,668 |              | \$232,903,233 |               |
| Cumulative Total FY 13                  |              | \$149,175,743 |              | \$193,362,864 |               |
| % Change FY 2013 to FY 2015             | -3%          | -12%          | -3%          |               | -13%          |
| % Change FY 2013 to FY 2014             | -3%          | 22%           | 16%          |               | 28%           |