

Attachment J.6

APPENDIX F

Contractor Resources, Commitments, and Agreements

Contract No. DE-AC02-09CH11466

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RESOURCES, SERVICES, AND SUPPORT PROVIDED TO PPPL

Princeton University has committed substantial resources and services over the first five years of this contract to support and enhance the Laboratory's operations at no cost to the Department of Energy. This commitment provided over \$10,000,000 during the first five years. For the contract extension (years 6-10), Princeton is again committing to provide similar resources to support Laboratory operations. Although the total amount is similar, the allocation of the contribution has changed, as indicated in the chart below.

Variable contributions:

Description of Commitment	April 2009 – March 2014 Commitment (\$k)	April 2014 – March 2019 Commitment (\$k)
Employee Children's Tuition Support*	\$3,800	\$3,287
Employee Mortgage Support Program*	\$825	\$745
Equity Participation Program for Senior Managers*	\$335	\$325
Salary Support for Tenured Faculty*	\$1,633	\$1,701
Variable Financial Commitment	\$6,593	\$6,058

* These estimated amounts are based on forecasted Laboratory employee participation.

Fixed Contributions:

Description of Commitment	April 2009 – March 2014 Commitment (\$k)	April 2014 – March 2019 Commitment (\$k)
Lease Discount	\$1,385	\$1,385
Key Personnel Salary Support	\$400	\$214
Director's Non-Contract Funds	\$1,500	\$1,800
External Consultant Support	\$180	\$180
CONNECT-ED Emergency Notification System	\$25	\$25
Financial Support for the PPPL Advisory Board	\$300	\$300
Support the National Fusion Communications Plan		\$375
Fixed Financial Commitment	\$3,790	\$4,279
Total Financial Commitment	\$10,383	\$10,337

It should also be noted that the University has other services that it commits to the Laboratory that are not documented and quantified in this Appendix. One example of this is the bus service provided between the Laboratory and main campus (initiated in 2009). This service allows better interaction between students and faculty members and increases the overall collaboration between the University and the Laboratory – a goal DOE has for this contract. Other functions include but are not limited to the senior leadership interactions with the Laboratory (President, Provost, Dean of the Faculty, Dean for Research, VP for PPPL, Chief Audit and compliance Manager, etc.). The University also helps and supports Laboratory programs, workshops and conferences such as the Young Women's Conference, which has grown too large for the Laboratory (facilities, program help, volunteers, tours, etc.).

By June 1 of each year, Princeton University will provide DOE a summary report on actual expenditures by each of the major categories.

The tables below describe each resource contribution.

Resource Name: EMPLOYEE CHILDREN'S TUITION SUPPORT	
Description: Princeton University's Employee Children's Tuition Support Program is available to employees with five years of eligible service. Princeton provides for half tuition and mandatory educational fees up to a maximum annual benefit for each eligible child (\$15,000 for the 13-14 academic year) for undergraduate, full-time study at a two or four-year accredited educational institution. The cost of this program is difficult to estimate (based on number of children who participate, and the tuition cost of the school they attend). The estimate is based on past participation rates.	
Location: PPPL	Estimated Contract Value: \$3,286,519
Benefits to DOE: This contribution is a popular and important benefit for the staff, which helps Princeton University recruit outstanding people to work at the Laboratory.	
Date Provided: as requested by Laboratory employee	PPPL Liability: None Anticipated

Resource Name: EMPLOYEE MORTGAGE SUPPORT PROGRAM	
Description: Princeton University offers subsidized mortgage rates for qualified employees (financing at an interest rate ~150 basis points below the prevailing rates).	
Location: PPPL	Estimated Contract Value: \$745,000
Benefits to DOE: Acquiring real estate in New Jersey, particularly in Princeton, is expensive relative to other areas in the United States. This, coupled with New Jersey's high property taxes, makes affordable housing a potential barrier to attracting qualified people to work at PPPL. This benefit helps attract and retain the best employees for senior positions. Princeton originally designed this program to encourage staff to reside in close proximity to the campus. This inducement increases morale for employees who experience reduced commute time and associated stress, as well as quicker, easier access to University facilities and support personnel.	
Date Provided: as requested by Laboratory employee	PPPL Liability: None Anticipated

Resource Name: EQUITY PARTICIPATION PROGRAM FOR SENIOR MANAGERS	
Description: Princeton offers senior-level managers the opportunity to have the University acquire up to a one-third equity interest in the employee's primary residence.	
Location: PPPL	Estimated Contract Value: \$325,000
Benefits to DOE: Similar to the Employee Mortgage commitment, this program makes housing more affordable to key employees desiring to live in the Princeton area. In order to invest in the local community and to make home purchases more affordable, Princeton will take an equity ownership in an employee's primary residence. Upon sale of the home the University receives a proportional share of the proceeds commensurate with its initial equity contribution. This program helps attract and retain the best employees for the senior-level management positions at the Laboratory. Also similar to the Employee Mortgage Program, it encourages staff to reside close to the campus with the same benefits.	
Date Provided: as requested by senior management employees	PPPL Liability: None Anticipated

Resource Name: SALARY SUPPORT FOR FACULTY	
Description: Princeton University provides salary support for faculty members. The University pays 51% of the salary and benefits earned by these tenured faculty members. Faculty members will manage and support the graduate education program in plasma physics and fusion via Princeton's Department of Astrophysical Sciences, serve as Principal Investigators for research programs, and support other research conducted at the Laboratory.	
Location: PPPL	Estimated Contract Value: \$1,701,159
Benefits to DOE: The salary support benefits the PPPL by making additional resources available to directly support the graduate education program and research programs, while simultaneously reducing the G&A cost, thus making the Laboratory's pricing rates more attractive to non-DOE sponsors.	
Date Provided: monthly allocation based on time sheets	PPPL Liability: None Anticipated

Resource Name: LEASE DISCOUNT	
Description: The lease agreement between Princeton University and the Department of Energy for the land on which the Laboratory is situated provides a 10% discount, as long as the University remains the contractor for the Laboratory. The annual value of this discount is \$277,000.	
Location: PPPL	Estimated Contract Value: \$1,385,000
Benefits to DOE: This discount reduces the cost of the lease so more funding can directly support the Laboratory's research programs. It also reduces the G&A rate, thus making the Laboratory's pricing rates more attractive to non-DOE sponsors, encouraging them to fund research at the Laboratory.	
Date Provided: applied 1 October for each contract year	PPPL Liability: None Anticipated

Resource Name: KEY PERSONNEL SALARY SUPPORT	
Description: Princeton University will supplement the salary of select key personnel during the term of the contract	
Location: PPPL	Estimated Contract Value: \$214,000
Benefits to DOE: The salary subsidy provided by Princeton University will benefit the Laboratory by making additional resources available to directly support the research programs, while simultaneously reducing the G&A cost pool, thus making the Laboratory's pricing rates more attractive to non-DOE sponsors. As of October 1, 2013, DOE is paying the full salary of both Deputy Directors, so the amount of this commitment is lower during the second 5-year term of the contract.	
Date Provided: monthly allocation based upon time sheets	PPPL Liability: None Anticipated

Resource Name: DIRECTOR'S NON-CONTRACT FUNDS	
Description: Princeton University will provide the Laboratory Director with an annual allotment of \$360,000 to pursue initiatives and cover expenses that are not chargeable to the DOE.	
Location: PPPL	Estimated Contract Value: \$1,800,000
Benefits to DOE: The Director's fund is for: community education and outreach; to provide seed money for potential new research projects; to support external reviews; to enhance morale and create a positive work environment; and pay for unallowable expenses. These funds will be instrumental in supporting community outreach initiatives such as: Science on Saturdays; Science Bowl competitions; periodic luncheons for tour guides; and supporting special events, such as the Open Houses and the Young Women's Conference. These funds will also be utilized to support the various external reviews of the Laboratory's operations that the Director from time to time will request. In addition, this resource will provide the Director with the ability to support employee morale enhancing activities such as: annual Laboratory picnic; annual State-of-the-Laboratory reception; annual holiday party; and annual Patent Awareness dinner. Lastly, these resources will allow the Laboratory to pay for certain expenses that are required to support the Laboratory's operations, but which, according to the Federal Acquisition Regulation cost guidelines or the contract, are unallowable, such as: cost overruns on sponsored research agreements and other unallowable costs incurred in operating the Laboratory.	
Date Provided: On or about 1 July for each contract year	PPPL Liability: None Anticipated

Resource Name: EXTERNAL CONSULTANT SUPPORT	
Description: Princeton University will provide funding for hiring external consultants and experts to support the project management and administrative support operations. Consultant services that might be acquired include: project management; cost and scheduling; finance; procurement; ES&H; property management; Human Resources; and facilities management. These individuals would participate in peer reviews, self-assessments, and support the importation of best practices from industry.	
Location: PPPL	Estimated Contract Value: \$180,000
Benefits to DOE: These resources will provide significant benefits to both the Laboratory and the DOE. They will help Laboratory management strengthen its project management skills and make its administrative support activities more effective and efficient, as well as provide extra expertise to address scientific and technological issues	
Date Provided: Decisions to hire consultant services will be "opportunity driven" and made by the Deputy Director for Operations.	PPPL Liability: None Anticipated

Resource Name: CONNECT-ED EMERGENCY NOTIFICATION SYSTEM	
Description: The CONNECT-ED Emergency Notification System complements the communication tools that the University already has in place to respond to a range of emergencies that may include weather-related closings, environmental health crises, public safety incidents, and other unique emergency situations. The Laboratory will be able to utilize this system separately from the main campus for specific emergency notifications.	
Location: PPPL	Estimated Contract Value: \$25,000
Benefits to DOE: This system allows messages to be sent quickly by text, e-mail, or phone to notify employees with a specific message.	
Date Provided: as needed for emergency communications	PPPL Liability: None Anticipated

Resource Name: FINANCIAL SUPPORT FOR PPPL ADVISORY BOARD	
Description: Princeton University will provide travel and subsistence expenses for at least two meetings per year of the PPPL Advisory Board and its two committees (Science Committee and Operations Committee).	
Location: PPPL	Estimated Contract Value: \$300,000
Benefits to DOE: Following each of their meetings, the Advisory Board and its committees will deliver a report to the President of the University providing their expert advice on the major issues affecting the science and operations of PPPL. Independently, they will also provide frank advice to the PPPL Director in response to issues raised by him and concerning any other matters they deem important.	
Date Provided: as Advisory meetings are conducted	PPPL Liability: None Anticipated

Resource Name: SUPPORT THE NATIONAL FUSION COMMUNICATIONS PLAN	
Description: Princeton University will provide \$75,000 per year to support the overall fusion community communications plans which include: <ul style="list-style-type: none"> • Developing a multi-faceted communications effort with consistent, well-supported, and compelling arguments for robust, sustainable/growing domestic fusion R&D programs that are able to be both global leaders in the field in their own right and full collaborators in international fusion programs; • Devising a consumer-friendly vocabulary or way of speaking about fusion that is technically accurate but also understandable and inspiring; • Enlisting/re-engaging and equipping existing proponents/supporters as fusion champions; • Building and maintaining multiple channels for a sustained national conversation on fusion energy development, its contributions to science and industry, and its future potential; • Shortening the timelines to/between publicly celebrated fusion milestones, while enhancing the appeal to targeted audiences and the "value" of fusion science and development; • Educating and motivating future fusion beneficiaries by developing curricula, through partnerships with educational organizations and experts, that integrate plasma physics and fusion energy with middle and high school science and mathematics; and • Communicating the "excellence in math and science" message back out to policy makers and the public. 	
Location: PPPL	Estimated Contract Value: \$375,000
Benefits to DOE: The US fusion community produces excellent science and progress toward a fusion energy source, but does not have the funding or expertise to adequately inform the public on this progress. This activity will assume that role for the overall fusion community.	
Date Provided: On or about 1 July for each contract year	PPPL Liability: None Anticipated