

Proposal: INCITE Ultra - New Protocols, Tools, Security, and Testbeds for Ultra High-Speed Networking

DOE F 4620.1

U.S. Department of Energy

OMB Control No.

(04-93)

Budget Page

1910-1400

All Other Editions Are Obsolete

(See reverse for Instructions)

OMB Burden Disclosure

Statement on Reverse

FY2004

ORGANIZATION Stanford Linear Accelerator Center				Budget Page No: <u>1</u>	
PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR R. Les. Cottrell				Requested Duration: <u>12</u> (Months)	
A. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates (List each separately with title; A.6. show number in brackets)			DOE Funded Person-mos.		Funds Requested
			CAL	ACAD	by Applicant
			SUMR		by DOE
1.	R. Les Cottrell		1.00	0.00	\$12,084
2.	Jiri Navratil		10.00	0.00	\$75,000
3.			0.00	0.00	\$0
4.			0.00	0.00	\$0
5.			0.00	0.00	\$0
6.	() OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION PAGE)				
7.	(2) TOTAL SENIOR PERSONNEL (1-6)		11.00	0.00	\$87,084
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)					
1.	() POST DOCTORAL ASSOCIATES		0.00		\$0
2.	(0) OTHER PROFESSIONAL (TECHNICIAN, PROGRAMMER, ETC.)		0.00		\$0
3.	(1) GRADUATE STUDENTS			0.00 3.00	\$13,200
4.	(0) UNDERGRADUATE STUDENTS			0.00	\$0
5.	(0) SECRETARIAL - CLERICAL		0.00		\$0
6.	() OTHER				
TOTAL SALARIES AND WAGES (A+B)					\$100,284
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)					
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A+B+C)					\$126,000
D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM.)					
TOTAL PERMANENT EQUIPMENT					\$0
E. TRAVEL					
			1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)		\$6,000
			2. FOREIGN		\$3,500
TOTAL TRAVEL					\$9,500
F. TRAINEE/PARTICIPANT COSTS					
1. STIPENDS (Itemize levels, types + totals on budget justification page)					\$0
2. TUITION & FEES					\$0
3. TRAINEE TRAVEL					\$0
4. OTHER (fully explain on justification page)					\$0
TOTAL PARTICIPANTS (0) TOTAL COST					\$0
G. OTHER DIRECT COSTS					
1. MATERIALS AND SUPPLIES					
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION					\$0
3. CONSULTANT SERVICES					\$0
4. COMPUTER (ADPE) SERVICES					\$0
5. SUBCONTRACTS					\$0
6. OTHER (Graduate-Student tuition)					\$15,600
TOTAL OTHER DIRECT COSTS					\$15,600
H. TOTAL DIRECT COSTS (A THROUGH G)					\$151,100
I. INDIRECT COSTS (SPECIFY RATE AND BASE)					
TOTAL INDIRECT COSTS 36% on labor and travel 6.8% on M&S					\$48,780
J. TOTAL DIRECT AND INDIRECT COSTS (H+I)					\$199,880
K. AMOUNT OF ANY REQUIRED COST SHARING FROM NON-FEDERAL SOURCES					\$0
L. TOTAL COST OF PROJECT (J+K)					\$199,880

Inflation

3.000%

Proposal:INCITE Ultra - New Protocols, Tools, Security, and Testbeds for Ultra High-Speed Networking

DOE F 4620.1

(04-93)

All Other Editions Are Obsolete

U.S. Department of Energy

Budget Page

(See reverse for Instructions)

OMB Control No.

1910-1400

OMB Burden Disclosure

Statement on Reverse

FY2005

ORGANIZATION Stanford Linear Accelerator Center				Budget Page No: <u>2</u>		
PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR R. Les Cottrell				Requested Duration: <u>12</u> (Months)		
A. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates (List each separately with title; A.6. show number in brackets)			DOE Funded Person-mos.		Funds Requested by Applicant	
			CAL	ACAD	SUMR	Funds Granted by DOE
1.	R. Les Cottrell		1.00	0.00	0.00	\$12,447
2.	Jiri Navratil		10.00	0.00	0.00	\$77,250
3.			0.00	0.00	0.00	\$0
4.				0.00	0.00	\$0
5.				0.00	0.00	\$0
6.	() OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION PAGE)					
7.	(2) TOTAL SENIOR PERSONNEL (1-6)		11.00	0.00	0.00	\$89,697
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)						
1.	(0) POST DOCTORAL ASSOCIATES		0.00			\$0
2.	(0) OTHER PROFESSIONAL (TECHNICIAN, PROGRAMMER, ETC.)		0.00			\$0
3.	(1) GRADUATE STUDENTS			0.00	3.00	\$13,596
4.	(0) UNDERGRADUATE STUDENTS			0.00	0.00	\$0
5.	(0) SECRETARIAL - CLERICAL		0.00			\$0
6.	() OTHER					
TOTAL SALARIES AND WAGES (A+B)						\$103,293
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)						\$26,488
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A+B+C)						\$129,780
D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM.)						
TOTAL PERMANENT EQUIPMENT						\$0
E. TRAVEL						\$6,180
1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)						\$3,605
2. FOREIGN						
TOTAL TRAVEL						\$9,785
F. TRAINEE/PARTICIPANT COSTS						
1. STIPENDS (Itemize levels, types + totals on budget justification page)						\$0
2. TUITION & FEES						\$0
3. TRAINEE TRAVEL						\$0
4. OTHER (fully explain on justification page)						\$0
TOTAL PARTICIPANTS (0) TOTAL COST						\$0
G. OTHER DIRECT COSTS						
1. MATERIALS AND SUPPLIES						
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION						\$0
3. CONSULTANT SERVICES						\$0
4. COMPUTER (ADPE) SERVICES						\$0
5. SUBCONTRACTS						\$0
6. OTHER (Graduate-Student tuition)						\$16,068
TOTAL OTHER DIRECT COSTS						\$16,068
H. TOTAL DIRECT COSTS (A THROUGH G)						\$155,633
I. INDIRECT COSTS (SPECIFY RATE AND BASE)						
TOTAL INDIRECT COSTS						\$50,244
J. TOTAL DIRECT AND INDIRECT COSTS (H+I)						\$205,877
K. AMOUNT OF ANY REQUIRED COST SHARING FROM NON-FEDERAL SOURCES						\$0
L. TOTAL COST OF PROJECT (J+K)						\$205,877

Proposal: INCITE Ultra - New Protocols, Tools, Security, and Testbeds for Ultra High-Speed Networking

DOE F 4620.1

U.S. Department of Energy

OMB Control No.

(04-93)

Budget Page

1910-1400

All Other Editions Are Obsolete

(See reverse for Instructions)

OMB Burden Disclosure

Statement on Reverse

FY2006

ORGANIZATION Stanford Linear Accelerator Center				Budget Page No: <u>3</u>		
PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR R. Les Cottrell				Requested Duration: <u>12</u> (Months)		
A. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates (List each separately with title; A.6. show number in brackets)			DOE Funded Person-mos.		Funds Requested	
			CAL	ACAD	SUMR	
					by Applicant	
					by DOE	
1.	R. Les Cottrell		1.00	0.00	0.00	\$12,882
2.	Jiri Navratil		10.00	0.00	0.00	\$79,954
3.			0.00	0.00	0.00	\$0
4.				0.00	0.00	\$0
5.				0.00	0.00	\$0
6.	() OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION PAGE)					
7.	(2) TOTAL SENIOR PERSONNEL (1-6)		11.00	0.00	0.00	\$92,836
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)						
1.	(0) POST DOCTORAL ASSOCIATES		0.00			\$0
2.	(0) OTHER PROFESSIONAL (TECHNICIAN, PROGRAMMER, ETC.)		0.00			\$0
3.	(1) GRADUATE STUDENTS			0.00	3.00	\$14,004
4.	(0) UNDERGRADUATE STUDENTS			0.00	0.00	\$0
5.	(0) SECRETARIAL - CLERICAL		0.00			\$0
6.	() OTHER					
TOTAL SALARIES AND WAGES (A+B)						\$106,840
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)						\$27,413
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A+B+C)						\$134,252
D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM.)						
TOTAL PERMANENT EQUIPMENT						\$0
E. TRAVEL						
			1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)			\$6,365
			2. FOREIGN			\$3,713
TOTAL TRAVEL						\$10,079
F. TRAINEE/PARTICIPANT COSTS						
1. STIPENDS (Itemize levels, types + totals on budget justification page)						\$0
2. TUITION & FEES						\$0
3. TRAINEE TRAVEL						\$0
4. OTHER (fully explain on justification page)						\$0
TOTAL PARTICIPANTS (0) TOTAL COST						\$0
G. OTHER DIRECT COSTS						
1. MATERIALS AND SUPPLIES						
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION						\$0
3. CONSULTANT SERVICES						\$0
4. COMPUTER (ADPE) SERVICES						\$0
5. SUBCONTRACTS						\$0
6. OTHER (Graduate-Student tuition)						\$16,711
TOTAL OTHER DIRECT COSTS						\$16,711
H. TOTAL DIRECT COSTS (A THROUGH G)						\$161,042
I. INDIRECT COSTS (SPECIFY RATE AND BASE)						
			36% on labor and travel			
			6.8% on M&S			
TOTAL INDIRECT COSTS						\$51,959
J. TOTAL DIRECT AND INDIRECT COSTS (H+I)						\$213,001
K. AMOUNT OF ANY REQUIRED COST SHARING FROM NON-FEDERAL SOURCES						\$0
L. TOTAL COST OF PROJECT (J+K)						\$213,001

Proposal: INCITE Ultra - New Protocols, Tools, Security, and Testbeds for Ultra High-Speed Networking

DOE F 4620.1

U.S. Department of Energy

OMB Control No.

(04-93)

Budget Page

1910-1400

All Other Editions Are Obsolete

(See reverse for Instructions)

OMB Burden Disclosure

Statement on Reverse

FY2004-FY2006

ORGANIZATION Stanford Linear Accelerator Center				Budget Page No: <u>4</u>		
PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR R. Les Cottrell				Requested Duration: <u>36</u> (Months)		
A. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates (List each separately with title; A.6. show number in brackets)			DOE Funded Person-mos.		Funds Requested	
			CAL	ACAD	SUMR	
					by Applicant	
					by DOE	
1.	R. Les Cottrell		3.00	0.00	0.00	\$37,413
2.	Jiri Navratil		30.00	0.00	0.00	\$232,204
3.			0.00	0.00	0.00	\$0
4.				0.00	0.00	\$0
5.				0.00	0.00	\$0
6.	() OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION PAGE)					
7.	(2) TOTAL SENIOR PERSONNEL (1-6)		33.00	0.00	0.00	\$269,616
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)						
1.	(0) POST DOCTORAL ASSOCIATES		0.00			\$0
2.	(0) OTHER PROFESSIONAL (TECHNICIAN, PROGRAMMER, ETC.)		0.00			\$0
3.	(1) GRADUATE STUDENTS			0.00	9.00	\$40,800
4.	(0) UNDERGRADUATE STUDENTS			0.00	0.00	\$0
5.	(0) SECRETARIAL - CLERICAL		0.00			\$0
6.	() OTHER					
TOTAL SALARIES AND WAGES (A+B)						\$310,416
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)						\$79,617
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A+B+C)						\$390,033
D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM.)						
TOTAL PERMANENT EQUIPMENT						\$0
E. TRAVEL			1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)			\$18,360
			2. FOREIGN			\$10,710
TOTAL TRAVEL						\$19,579
F. TRAINEE/PARTICIPANT COSTS						
1. STIPENDS (Itemize levels, types + totals on budget justification page)						\$0
2. TUITION & FEES						\$0
3. TRAINEE TRAVEL						\$0
4. OTHER (fully explain on justification page)						\$0
TOTAL PARTICIPANTS (0) TOTAL COST						\$0
G. OTHER DIRECT COSTS						
1. MATERIALS AND SUPPLIES						\$0
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION						\$0
3. CONSULTANT SERVICES						\$0
4. COMPUTER (ADPE) SERVICES						\$0
5. SUBCONTRACTS						\$0
6. OTHER (Graduate-Student tuition)						\$48,379
TOTAL OTHER DIRECT COSTS						\$48,379
H. TOTAL DIRECT COSTS (A THROUGH G)						\$467,776
I. INDIRECT COSTS (SPECIFY RATE AND BASE)						
			36% on labor and travel			
TOTAL INDIRECT COSTS			6.8% on M&S			\$150,983
J. TOTAL DIRECT AND INDIRECT COSTS (H+I)						\$618,758
K. AMOUNT OF ANY REQUIRED COST SHARING FROM NON-FEDERAL SOURCES						\$0
L. TOTAL COST OF PROJECT (J+K)						\$618,758