

To: dcc@ligo.caltech.edu
Subject: Fwd: Revised budget for LIGO NSB package, LIGO-M010140-00-P

LIGO-M010140-00-P

EMAIL sent to Mary Simmons, Virginia Snyder (DCAA Auditors) in response to their questions concerning the interruption of responses to their requests for information caused by NSF requests for information.

Date: Tue, 22 May 2001 09:56:58 -0700
To: "Simmons, Mary , Ms, DCAA" <Mary.Simmons@dcaa.mil>, virginia.snyder@dcaa.mil
From: Phil Lindquist <lindquist_p@ligo.caltech.edu>
Subject: Fwd: Revised budget for LIGO NSB package
Cc: sanders, barish@ligo.caltech.edu

Mary,
Virginia,

Here is the request for new proposal budgets from Joe Dehmer in the Math and Physics Division at NSF. Note that they subsequently agreed to two budget sheets (attached), one for the total FY 2002 budget of \$28 million, and the other for a five year budget total of \$160 million. So far this morning I have received no new requests from the NSF and will be returning my attention to your requests for information.

P.

X-Sender: sanders@acrux.ligo.caltech.edu
X-Mailer: QUALCOMM Windows Eudora Version 5.1
Date: Thu, 17 May 2001 08:59:12 -0700
To: phil@ligo.caltech.edu (Phil Lindquist)
From: "Gary H. Sanders" <sanders@ligo.caltech.edu>
Subject: Fwd: Revised budget for LIGO NSB package

From: "Dehmer, Joseph" <jdehmer@nsf.gov>
To: "Barry Barish" <barish@ligo.caltech.edu>,
"Gary Sanders"
<sanders@ligo.caltech.edu>,
"Cook, Victor" <vcook@nsf.gov>
Cc: "Lightbody, John W" <jwlightb@nsf.gov>,
"Isaacson, Richard A"
<isaacson@nsf.gov>
Subject: Revised budget for LIGO NSB package
Date: Thu, 17 May 2001 10:30:43 -0400
Importance: high
X-Mailer: Internet Mail Service (5.5.2652.78)

Hi all,

We need a revised budget for the board package, and we need it asap. The package has to be reproduced and submitted by COB next Tuesday, so we really need the revised budget by Monday morning. We need budget sheets for all

five years and the total. The budget has been set to conform with the NSF request (a requirement) for 02, and to escalate in a way that expresses the priority given to operations of LIGO. Jack and Bob have reviewed and agreed with the profile. Here it is, as if you didn't read it first:

Year	Operations	Adv.R&D	Total	Request
02	24	4	28	34.91
03	29	4	33	36.31
04	29	4	33	35.93
05	30	3	33	33.77
06	30	3	33	34.73
Tot	142	18	160	175.55

Vic is away until tomorrow am, so I am sending out the news to give you as much time as possible to respond.

With best regards,

Joe



[NSFform1030tot.pdf](#)



[NSFform1030Y1.pdf](#)



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SUMMARY PROPOSAL BUDGET – Total 5 Years**FOR NSF USE ONLY**

ORGANIZATION California Institute of Technology (LIGO)			PROPOSAL NO.		DURATION (MONTHS)	
PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR Barry C. Barish			AWARD NO.		Proposed	Granted
A. SENIOR PERSONNEL: PI/PD, Co-PIs, Faculty and Other Senior Associates List each separately with name and title. (A.7. Show number in brackets)			NSF-Funded Person-months		Funds Requested By Proposer	Funds Granted by NSF (If Different)
			CAL	ACAD	SUMR	
1. Barry C. Barish – Laboratory Director						\$
2. Gary Sanders – Deputy Director						
3. David Shoemaker – MIT Group Head						
4. Rainer Weiss – Professor Emeritus						
5.						
6. () OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION PAGE)						
7. () TOTAL SENIOR PERSONNEL (1-6)					\$929,099	
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)						
1. () POSTDOCTORAL ASSOCIATES					5,497,490	
2. () OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)					34,240,166	
3. () GRADUATE STUDENTS					1,161,869	
4. () UNDERGRADUATE STUDENTS					357,059	
5. () SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)					1,643,177	
6. () OTHER						
TOTAL SALARIES AND WAGES (A + B)					43,828,861	
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)					9,519,734	
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A + B + C)					53,348,595	
D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.)						
TOTAL EQUIPMENT					20,604,045	
E. TRAVEL 1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS)					4,717,187	
2. FOREIGN					501,181	
F. PARTICIPANT SUPPORT						
1. STIPENDS \$ 130,000						
2. TRAVEL 200,000						
3. SUBSISTENCE						
4. OTHER						
TOTAL NUMBER OF PARTICIPANTS ()			TOTAL PARTICIPANT COSTS		330,000	
G. OTHER DIRECT COSTS						
1. MATERIALS AND SUPPLIES					9,531,950	
2. PUBLICATION/DOCUMENTATION/DISSEMINATION						
3. CONSULTANT SERVICES						
4. COMPUTER SERVICES						
5. SUBAWARDS					38,353,452	
6. OTHER (GRAs)					692,208	
TOTAL OTHER DIRECT COSTS					48,577,610	
H. TOTAL DIRECT COSTS (A THROUGH G)					128,078,618	
I. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE)						
TOTAL INDIRECT COSTS (F&A)					31,921,382	
J. TOTAL DIRECT AND INDIRECT COSTS (H + I)					\$160,000,000	
K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECT SEE GPG II.D.7.j.)						
L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)					\$160,000,000	\$
M. COST SHARING: PROPOSED LEVEL \$0			AGREED LEVEL IF DIFFERENT: \$			
PI/PD TYPED NAME AND SIGNATURE*			DATE		FOR NSF USE ONLY	
Barry C. Barish			5/20/01		INDIRECT COST RATE VERIFICATION	
ORG. REP. TYPED NAME & SIGNATURE*			DATE		Date Checked	Date of Rate Sheet
					Initials-ORG	



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SUMMARY PROPOSAL BUDGET – First Year**FOR NSF USE ONLY**

ORGANIZATION California Institute of Technology (LIGO)		PROPOSAL NO.		DURATION (MONTHS)	
PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR Barry C. Barish		AWARD NO.		Proposed	Granted
A. SENIOR PERSONNEL: PI/PD, Co-PIs, Faculty and Other Senior Associates List each separately with name and title. (A.7. Show number in brackets)		NSF-Funded Person-months		Funds Requested By Proposer	Funds Granted by NSF (If Different)
		CAL	ACAD	SUMR	
1. Barry C. Barish – Laboratory Director	4				\$
2. Gary Sanders – Deputy Director	7				
3. David Shoemaker – MIT Group Head	12				
4. Rainer Weiss – Professor Emeritus	0				
5.					
6. () OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION PAGE)					
7. (4) TOTAL SENIOR PERSONNEL (1-6)	23			\$175,000	
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)					
1. (19) POSTDOCTORAL ASSOCIATES	222			855,462	
2. (80) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)	960			5,973,154	
3. (8) GRADUATE STUDENTS				156,745	
4. (3) UNDERGRADUATE STUDENTS				67,000	
5. (7) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)				309,500	
6. () OTHER					
TOTAL SALARIES AND WAGES (A + B)				7,536,861	
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)				1,645,451	
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A + B + C)				9,182,312	
D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.)					
TOTAL EQUIPMENT				4,104,446	
E. TRAVEL 1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS)				940,800	
2. FOREIGN				94,800	
F. PARTICIPANT SUPPORT					
1. STIPENDS \$ 20,000					
2. TRAVEL 40,000					
3. SUBSISTENCE					
4. OTHER					
TOTAL NUMBER OF PARTICIPANTS ()		TOTAL PARTICIPANT COSTS		60,000	
G. OTHER DIRECT COSTS					
1. MATERIALS AND SUPPLIES				1,710,734	
2. PUBLICATION/DOCUMENTATION/DISSEMINATION					
3. CONSULTANT SERVICES					
4. COMPUTER SERVICES					
5. SUBAWARDS				6,318,167	
6. OTHER (GRAs)				94,047	
TOTAL OTHER DIRECT COSTS				8,122,947	
H. TOTAL DIRECT COSTS (A THROUGH G)				22,505,305	
I. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE)					
TOTAL INDIRECT COSTS (F&A)				5,494,695	
J. TOTAL DIRECT AND INDIRECT COSTS (H + I)				\$28,000,000	
K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECT SEE GPG II.D.7.j.)					
L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)				\$28,000,000	\$
M. COST SHARING: PROPOSED LEVEL \$0		AGREED LEVEL IF DIFFERENT: \$			
PI/PD TYPED NAME AND SIGNATURE*		DATE	FOR NSF USE ONLY		
Barry C. Barish		5/20/01	INDIRECT COST RATE VERIFICATION		
ORG. REP. TYPED NAME & SIGNATURE*		DATE	Date Checked	Date of Rate Sheet	Initials-ORG