



Ernest Orlando Lawrence
Berkeley National Laboratory
Berkeley, CA 94720

Operations • Facilities Division

Exterior Loudspeaker System

PROJECT REPORT June 2004

SPONSOR: LBNL Security

PROJECT NO.: FM4200

BUDGET: \$500,000

COMPLETION: FY05

DESCRIPTION:

Design and install a sitewide loudspeaker system for emergency announcements. The project is needed to provide the ability to communicate with Laboratory population who are outside of buildings during an emergency. The project would correct a deficiency highlighted during a recent five agency county emergency drill.

STATUS: Partial funding (\$200K) received in FY04
Equipment ordered.

<u>Project Phase</u>	<u>Planned % Complete</u>	<u>Actual % Complete</u>
Design	90%	90%
Construction	0%	0%

PROJECT TITLE: Exterior Loudspeaker System		
Building: Site	Architect: D.Truchlikova	PM: Galvez
Project No: FM4200	Struct Engr: F. Angliss	PA: D. Hawkins
Account No: FM4200	Mech Engr: M.Dong	Client: D. Lunsford
Fund Type: GPP	Elect Engr: G.Skipper	Report Period: 06-04
Status: PE		NEPA/SARS: F/F
Year Fund.: FY04		

A. ASSESSMENT:

1. Major Accomplishments:

- 1. Base Station delivered. Encoder ordered.

2. Developments Affecting Cost Estimate & Schedule:

3. Brief Assessment of Overall Project:

- 1. Bid for speaker installation due in July.

4. Environmental/Safety Documentation:

NEPA:
CEQA:
SARS:

B. WORK PERFORMED:		Physical Progress (%)			
WBS	Description	Plan			Actual
1.0	ED&I Title I	100%			100%
	Title II	90%			90%
	Title III	0%			0%
2.0	Construction	0%			0%

C. PROJECT SCHEDULE:		Day (Mo/Yr)			
WBS	Description	Plan		Forecast	Actual
Project Authorization					
1.0	Engineering, Design & Insp.				
	Title I Authorization	02-04			02-04
	Title I Start	02-04			02-04
	NEPA Approval				
	SARS Approval				
	• Title I Completion	03-04			04-04
	Title II Authorization	04-04			04-04
	Title II Start	04-04			04-04
	Release For Bid	05-04			06-04
	Receive Bids	06-04			06-04
	• Title II Design Completion	06-04			06-04
	Title III Authorization	07-04		07-04	
	Title III Start	07-04		07-04	
2.0	Construction				
	Subcontract Award	07-04		07-04	
	Construction Start	07-04		07-04	
	"As-Built" Drawings	04-05		04-05	
	• Construction Completion	02-05		02-05	
	Title III Completion	03-05		03-05	
	Final Report/Close-Out	04-05		04-05	

D. COST REPORT:		Amount (\$K)						
WBS	Description	Est. to Complete A=F-B	Cost to Date B	Liens C	Total Est. Cost D	App'd Budget E	Cost Plan F	Percent Complete G
1.	Engineering, Design & Ins	45	5	0	50	50	50	10%
2.	Construction	56	4	0	60	60	60	7%
3.	Standard Equipment	40	0	31	40	40	40	0%
4.	Project Management	21	9	0	30	30	30	30%
	Subtotal	162	18	31	180	180	180	10%
5.	Contingency	20	0	0	320	20	20	0%
	Total	182	18	31	500	200	200	9%
	Change Since Last Rep	(5)	5	1	500	200	200	0%

		DOE/HQ Obligations to Date:		\$49 K	
		Cost to Date:		\$18 K	
Percent Spent (B/D) =		4%		Outstanding Liens to Date:	\$31 K
Total Obligation (B+C) =		\$49 K		End of FY Unobligated Balance:	\$0 K
DOE/OAK Authorization to date =		\$0 K		End of FY Uncosted Balance:	\$0 K