

# INVOICE

John Craig Freeman  
LACMA, Art + Technology 2014

**Date:** 7/5/2013

**FROM:**

John Craig Freeman  
[REDACTED] Road  
Windham, NH 03087  
[REDACTED]  
[REDACTED]

**BILL TO:**

Attn: Amy Heibel  
Museum Associates  
Los Angeles County Museum of Art  
5905 Wilshire Blvd  
Los Angeles, CA 90036

DESCRIPTION	AMOUNT
Disbursement one of three	1 @ \$ [REDACTED]
<b>TOTAL</b>	[REDACTED]
<b>TOTAL DUE</b>	[REDACTED]

**COMMENTS**

Art + Technology 2014  
Milestone: Project Begins

Please make check payable to:  
John Craig Freeman

**John Craig Freeman**  
**LACMA, Art + Technology 2014**

**BUDGET**

**Date:** 7/5/2013

<b>INCOME</b>						USD
Disbursement one of three						
<b>TOTAL INCOME</b>						
<b>EXPENSES</b>						
<b>Personnel</b>						
Artists Fee		1	@			
<b>Travel</b>						
Airfare, BOS to LAX to BOS		1	@			
Hotel		14	@			
Rental car		1	@			
<b>Equipment</b>						
Emotiv EEG neuroheadset	image	1	@			
USB to Lightning cable, 9.8-feet	image	1	@			
iPad mount w fluid head	image	1	@			
Side arm	image	1	@			
Boom clamp	image	1	@			
31.5 inch center poll	image	1	@			
15.75 inch center poll	image	1	@			
Dolly base with casters	image	1	@			
<b>TOTAL EXPENSES</b>						
<b>SURPLUS/DEFICIT</b>						
<b>TOTAL + or -</b>						<b>\$0.00</b>

**John Craig Freeman**  
**LACMA, Art + Technology 2014**

**Date:** 7/5/2013

This summery report is being submitted to Amy Heibel and Joel Ferree regarding LACMA's Art + Technology 2014 program, in fulfillment of the requirement to release the first of three disbursements commissioned funds supporting the *EEG AR: Things We Have Lost* project. What follows is a detailed summary of the work to be undertaken during the payment period from June 1 to December 31, 2014. A budget with itemized direct cost is included in a separate document.

## **Milestone: Project begins**

### **Preproduction**

June 1, 2014	<ul style="list-style-type: none"> <li>Review and revise Proposal</li> <li>Review and revise Timeline with Millstones</li> <li>Review and revise Budget</li> <li>Review and revise Disbursement Schedule</li> </ul>
June 5, 2014	Summary report
July 1, 2014	<ul style="list-style-type: none"> <li>Disbursement one of three, [REDACTED]</li> <li>Prototype AR viewing device equipment acquisition</li> <li>Develop and test database</li> <li>Develop and test asset production workflow</li> <li>Social networking plan</li> <li>Draft project blog</li> <li>Offsite research of the city of Los Angeles</li> </ul>
July, 2014	<ul style="list-style-type: none"> <li>Site visit to Los Angeles</li> <li>Assemble and field test prototype AR viewing device</li> <li>Art + Technology partner follow-up meetings</li> <li>Onsite research of the city of Los Angeles</li> <li>Preliminary asset production on location in Los Angeles</li> </ul>
<b>Studio production</b>	
September 1, 2014	<ul style="list-style-type: none"> <li>Lab technology acquisition</li> <li>Software development</li> <li>Bench testing</li> <li>User interface design</li> </ul>
October 1, 2014	<ul style="list-style-type: none"> <li>Field testing</li> <li>Publicity and promotion plan</li> </ul>
December 31, 2014	Summary report 2

# INVOICE 2 of 3

John Craig Freeman  
LACMA, Art + Technology 2014

**Date:** 11/23/2014

**FROM:**

John Craig Freeman  
60 Castle Hill Road  
Windham, NH 03087  
(603) 943-0560  
john\_craig\_freeman@emerson.edu

**BILL TO:**

Attn: Amy Heibel  
Museum Associates  
Los Angeles County Museum of Art  
5905 Wilshire Blvd  
Los Angeles, CA 90036

**DESCRIPTION**

Disbursement two of three

1

@

**AMOUNT**

**TOTAL**

**TOTAL DUE**

**COMMENTS**

Art + Technology 2014  
Project operations move to Los Angeles  
Public launch of project

Please make check payable to:  
John Craig Freeman

**John Craig Freeman**  
**LACMA, Art + Technology 2014**

**Date:** 11/23/2014

This second of three summery reports is being submitted to Amy Heibel and Joel Ferree regarding LACMA's Art + Technology 2014 program, in fulfillment of the requirement to release the second of three disbursements of commissioned funds, supporting the *EEG AR: Things We Have Lost* project.

A budget, with expected itemized direct cost of the proposed production phase of the project, is included in a separate document named LACMA\_Budget\_2\_of\_3.pdf, as is an invoice, named LACMA\_Invoice\_2\_of\_3.pdf.

All of the proposed work in the research and development phase of the project, except for some minor details, has now been completed. This puts the project six weeks ahead of schedule and does so within the proposed budget.

As you will recall, the total commission is for [REDACTED]. The first of three disbursements, for the amount of [REDACTED] was received July 22, 2014. These funds have been spent according to the proposed budget.

In the original timeline, I had requested that the second disbursement of [REDACTED] be made on January 1, 2015, leaving the remaining commission funds of [REDACTED] to be made June 1, 2015, at the completion of the project.

I would like to request moving [REDACTED] from the final disbursement to the second and moving the date of the second disbursement to be made as soon as possible, in order to expedite the start of the production phase. Accordingly, the second disbursement would be [REDACTED] rather than [REDACTED] and the final would be [REDACTED] instead of [REDACTED].

What follows is a detailed summary of the work proposed and completed, during the first payment period from June 1 to November 23, 2014.

## **Milestone: Project begins**

### **Preproduction**

June 1, 2014	Review and revise Proposal Review and revise Timeline with millstones Review and revise Budget Review and revise Disbursement Schedule
June 5, 2014	Summary report 1
July 1, 2014	Disbursement one of three Prototype AR viewing device equipment acquisition Develop and test database Develop and test asset production workflow Social networking plan Draft project blog Offsite research of the city of Los Angeles
July 13 – 27, 2014	Site visit to Los Angeles

Assemble and field test prototype AR viewing device  
Art + Technology partner follow-up meetings  
Onsite research of the city of Los Angeles  
Preliminary asset production on location in Los Angeles

## **Milestone: Research and development, Boston**

### **Studio production**

September 1, 2014	Lab technology acquisition Software development Bench testing User interface design
October 1, 2014	Field testing Publicity and promotion plan
December 31, 2014	Summary report 2

Having completed the proposed research and development work, I am now ready to move to production.

What follows is a detailed summary of the work to be undertaken during the second payment period from November 24 to April 30, 2015.

## **Milestone: Project operations move to Los Angeles**

### **Field production**

January 1, 2015	Disbursement two of three, [REDACTED]
January 10, 2015	Arrive in Los Angeles
January 15, 2015	Lab equipment, furniture and technology acquisition Art + Technology Lab reconfiguration, as needed *NOTE: all project lab equipment and furniture on wheels for easy reconfiguration
January 20, 2015	Spring classes begin, ECLA
January 22, 2015	Student research assistant orientation, Art + Tech Lab Publicity and promotion distribution

## **Milestone: Public launch of project**

### **Public event series**

February 1, 2015	Public lecture, presentation of work-to-date, ECLA
------------------	--

## **Schedule of Events Winter/Spring 2015**

### **February Event Calendar Deadlines**

Mon, December 15	Initial deadline for draft listing of events for February issue of Connect
Mon, January 12	Final deadline for listing of events in February issue of Connect and post online in Upcoming Events

**February Events**

Thurs, February 5, 3:00pm	Things We Have Lost, AR viewing on the BP Pavilion/Piazza - TEST RUN - NOT LISTED ON LACMA.ORG
Sat, February 7, 10:00am	EEG AR Lab, Art + Technology Lab drop-ins - TEST RUN - NOT LISTED ON LACMA.ORG
Thurs, Feb 12, 3:00pm	Things We Have Lost, AR viewing on the BP Pavilion/Piazza
Sat, Feb 14, 10:00am	EEG AR Lab, Art + Technology Lab drop-ins
Thurs, Feb 19, 3:00pm	Things We Have Lost, AR viewing on the BP Pavilion/Piazza
Sat, Feb 21, 10:00am	EEG AR Lab, Art + Technology Lab drop-ins
Thur, Feb 26, 3:00pm	Things We Have Lost, AR viewing on the BP Pavilion/Piazza
Sat, Feb 28, 10:00am	EEG AR Lab, Art + Technology Lab drop-ins

**March Event Calendar Deadlines**

Thurs, January 15	Initial deadline for draft listing of events for March issue of Connect
Mon, February 9	Final deadline for listing of events in March issue of Connect and post online in Upcoming Events

**March Events**

Sun, March 1, 3:00pm	Things We Have Lost, AR viewing on the BP Pavilion/Piazza
Thurs, March 5, 3:00pm	Things We Have Lost, AR viewing on the BP Pavilion/Piazza
Sat, March 7, 10:00am	EEG AR Lab, Art + Technology Lab drop-ins

**(\*note switch to daylight savings time)**

Sun, March 8, 4:00pm	Things We Have Lost, AR viewing on the BP Pavilion/Piazza
Thurs, March 12, 4:00pm	Things We Have Lost, AR viewing on the BP Pavilion/Piazza
Sat, March 14, 10:00am	EEG AR Lab, Art + Technology Lab drop-ins
Sun, March 15, 4:00pm	Things We Have Lost, AR viewing on the BP Pavilion/Piazza
Sat, March 21, 10:00am	EEG AR Lab, Art + Technology Lab drop-ins
Sun, March 22, 4:00pm	Things We Have Lost, AR viewing on the BP Pavilion/Piazza
Fri, March 27, 4:00pm	Things We Have Lost, AR viewing on the BP Pavilion/Piazza
Sat, March 28, 10:00am	EEG AR Lab, Art + Technology Lab drop-ins
Sun, March 29, 4:00pm	Things We Have Lost, AR viewing on the BP Pavilion/Piazza

**April Event Calendar Deadlines**

Fri, February 13                      Initial deadline for draft listing of events for April issue of Connect

Mon, March 9                         Final deadline for listing of events in April issue of Connect and post online in Upcoming Events

**April Events**

Sat, April 4, 4:00pm                City tour, location to be determined

Sat, April 11, 4:00pm              City tour, location to be determined

Sat, April 18, 4:00pm              City tour, location to be determined

Sat, April 25, 4:00pm              City tour, location to be determined

May 6, 2015                         Spring classes end, ECLA



**John Craig Freeman**  
**LACMA, Art + Technology 2014**

**Date:** 12/3/2013

INCOME				Requested	Recieved	USD
Disbursement two of three				11/23/2014		
<b>TOTAL INCOME</b>						

EXPENSES				Ordered	Recieved	
<b>Equipment</b>						
Promotional and Way-Finding Materials	image	1	@			
Dental chair	image	1	@			
Privacy screen	image	2	@			
Emotiv Insight Headset	image	2	@			
iPad Air 2	image	2	@			
USB to Lightning cable, 9.8-feet	image	2	@			
Nootle iPad Air Tripod Mount	image	2	@			
Manfrotto 502HD Pro Video Head with Flat Base	image	2	@			
Manfrotto 131D Lateral Side Arm	image	2	@			
Manfrotto 123 Pivoting Boom Clamp	image	2	@			
Manfrotto 035 Super Clamp	image	2	@			
Manfrotto 042 Extension Arm	image	2	@			
Foba RODEE Lamphead Adapter	image	4	@			
Foba Combitube Section, Black Aluminum Tube - 7.87in (20 cm) x 2	image	2	@			
Foba Combitube, Black Aluminum Tube - 31.49in (80 cm)	image	2	@			
Foba CESRO Baseframe w Casters	image	2	@			
<b>SUBTOTAL</b>						
<b>TOTAL EXPENSES</b>						

SURPLUS/DEFICIT				TOTAL + or -		USD
						\$0.00

# INVOICE 3 of 3

John Craig Freeman  
LACMA, Art + Technology 2014

**Date:** 5/1/2015

**FROM:**

John Craig Freeman  
60 Castle Hill Road  
Windham, NH 03087  
(603) 943-0560  
john\_craig\_freeman@emerson.edu

**BILL TO:**

Attn: Amy Heibel  
Museum Associates  
Los Angeles County Museum of Art  
5905 Wilshire Blvd  
Los Angeles, CA 90036

DESCRIPTION	AMOUNT
Disbursement three of three	1 @ [REDACTED]
<b>TOTAL</b>	[REDACTED]
<b>TOTAL DUE</b>	[REDACTED]

**COMMENTS**

Art + Technology 2014  
Project operations move to Los Angeles  
Public launch of project

Please make check payable to:  
John Craig Freeman

**John Craig Freeman**  
**LACMA, Art + Technology 2014**

**Date:** 5/1/2015

INCOME				Requested	Recieved	USD
Disbursement three of three				5/1/2015		
TOTAL INCOME						
EXPENSES				Ordered	Recieved	
Personel						
Artists Fee		1 @				
SUBTOTAL						
TOTAL EXPENSES						
SURPLUS/DEFICIT				TOTAL + or -		\$0.00

**John Craig Freeman**  
**LACMA, Art + Technology 2014**

**Date:** 5/1/2014

This third and final of three summery reports is being submitted to Amy Heibel and Joel Ferree regarding LACMA's Art + Technology 2014 program, in fulfillment of the requirement to release the final of three disbursements of commissioned funds, supporting the *EEG AR: Things We Have Lost* project.

A budget, with final direct cost of the proposed production phase of the project, is included in a separate document named LACMA\_Budget\_3\_of\_3.pdf, as is an invoice, named LACMA\_Invoice\_3\_of\_3.pdf.

All of the proposed work of the project has now been completed. This puts the projects completion on schedule, and does so within the proposed budget.

As you will recall, the total commission was for [REDACTED]. The first and second of three disbursements for the amount of [REDACTED] and [REDACTED] respectively, were received July 22, and November 23, 2014. These funds have been spent according to the proposed budget.

This leaves the remaining commission funds of [REDACTED]

What follows is a detailed summary of the work proposed and completed, during the project.

## **Milestone: Project begins**

### **Preproduction**

June 1, 2014	Review and revise Proposal Review and revise Timeline with millstones Review and revise Budget Review and revise Disbursement Schedule
June 5, 2014	Summary report 1
July 1, 2014	Disbursement one of three Prototype AR viewing device equipment acquisition Develop and test database Develop and test asset production workflow Social networking plan Draft project blog Offsite research of the city of Los Angeles
July 13 – 27, 2014	Site visit to Los Angeles Assemble and field test prototype AR viewing device Art + Technology partner follow-up meetings Onsite research of the city of Los Angeles Preliminary asset production on location in Los Angeles

## **Milestone: Research and development, Boston**

### **Studio production**

September 1, 2014	Lab technology acquisition
-------------------	----------------------------

Software development  
Bench testing  
User interface design

October 1, 2014      Field testing  
Publicity and promotion plan

December 31, 2014      Summary report 2

## **Milestone: Project operations move to Los Angeles**

### **Field production**

January 1, 2015      Disbursement two of three, 

January 10, 2015      Arrive in Los Angeles

January 15, 2015      Lab equipment, furniture and technology acquisition  
Art + Technology Lab reconfiguration, as needed  
\*NOTE: all project lab equipment and furniture on wheels for easy reconfiguration

January 20, 2015      Spring classes begin, ECLA

January 22, 2015      Student research assistant orientation, Art + Tech Lab  
Publicity and promotion distribution

## **Milestone: Public launch of project**

### **February Events**

Thursday, February 5, 3:00pm      Things We Have Lost, AR Viewing on the BP Pavilion/Piazza -  
TEST RUN - NOT LISTED ON LACMA.ORG

Saturday, February 7, 12:00pm      EEG AR Clinic, Art + Technology Lab drop-ins - TEST RUN -  
NOT LISTED ON LACMA.ORG

Thursday, Feb 12, 3:00pm      Things We Have Lost, AR Viewing on the BP Pavilion/Piazza

Saturday, Feb 14, 12:00am      EEG AR Clinic, Art + Technology Lab drop-ins

Thursday, Feb 19, 3:00pm      Things We Have Lost, AR Viewing on the BP Pavilion/Piazza

Saturday, Feb 21, 12:00pm      EEG AR Clinic, Art + Technology Lab drop-ins

Thursday, Feb 26, 3:00pm      Things We Have Lost, AR Viewing on the BP Pavilion/Piazza

Saturday, Feb 28, 12:00pm      EEG AR Clinic, Art + Technology Lab drop-ins

### **March Events**

Sunday, March 1, 3:00pm      Things We Have Lost, AR Viewing on the BP Pavilion/Piazza

Thursday, March 5, 3:00pm      Things We Have Lost, AR Viewing on the BP Pavilion/Piazza

(\*note switch to daylight savings time)

Monday, March 16, 7:00pm Chris Defay and John Craig Freeman, Public Talk, Emerson Los Angeles

Saturday, March 21, 12:00am EEG AR Clinic, Art + Technology Lab drop-ins

Sunday, March 22, 4:00pm Things We Have Lost, AR Viewing on the BP Pavilion/Piazza

Friday, March 27, 4:00pm Things We Have Lost, AR Viewing on the BP Pavilion/Piazza

Saturday, March 28, 12:00pm EEG AR Clinic, Art + Technology Lab drop-ins

#### **April Events**

Saturday, April 11, 4:00pm City tour, Pershing Square

Saturday, April 18, 4:00pm City tour, La Plaza de Los Angeles

Sat, April 25 1:00 – 5:00 pm AR Workshop, LACMA Art + Technology Lab