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vendor <u>Bay</u> seal	SHIP CODE
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REQUISITION NUMBER	VEHICLE
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XBG 662 (REV.2/92)

FAXD 6/19/87

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	JOHN MEHREN		
PRINT NUMBE	UNIVERSITY OF CA	LIFORNIA —	RIAL NUMBER
	LAWRENCE BERKE	LEY LAB	
	(REQUEST FOR PROC	UREMENT)	/ /
REQUESTER R. U	PELLS	DATE REQUESTED	1/30/97
DELIVER TO GARY	KOEHLBR	DATE NEEDED	12/97*
BLDG 70	гоом3//	PHONE NUMBER	1925
ACCOUNT NO. 805	2-24 AUTHORIZED SIGNATURE	Hunelf War	12
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	REMARKS	TIME AFTER
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~	REQUISITION NUMBER	VEHICLE
	VPG 662	

XBG 662 (REV.2/92)

FAX D 4/30/37 4:14

LAWRENCE BERKELEY LABORATORY FOR CONTRACT NO. DE-AC03-76SF00098 WITH THE DEPARTMENT OF ENERGY

25020 Viking Street HAyward, CA 94545 Vendor: Electrochem Inc

Will SHIP TO:

MAIL INVOICE IN DUPLICATE TO UNIVERSITY OF CALIFORNIA:

UC Lawrence Berkeley Lab Accounts Payable Dept Berkeley, CA 94701 PO Box 528

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Purchas 6 This purcha on all invoic and corresp Date of O 28-FEB		Purchase Order#	64489	This purchase ord on all invoices, page and corresponden	Date of Order 28-FEB-97		Revision Date

Cust	Customer Account	Vendor No.	Pavmen	Payment Terms		Transportation Terms		FOR			Shin Via	
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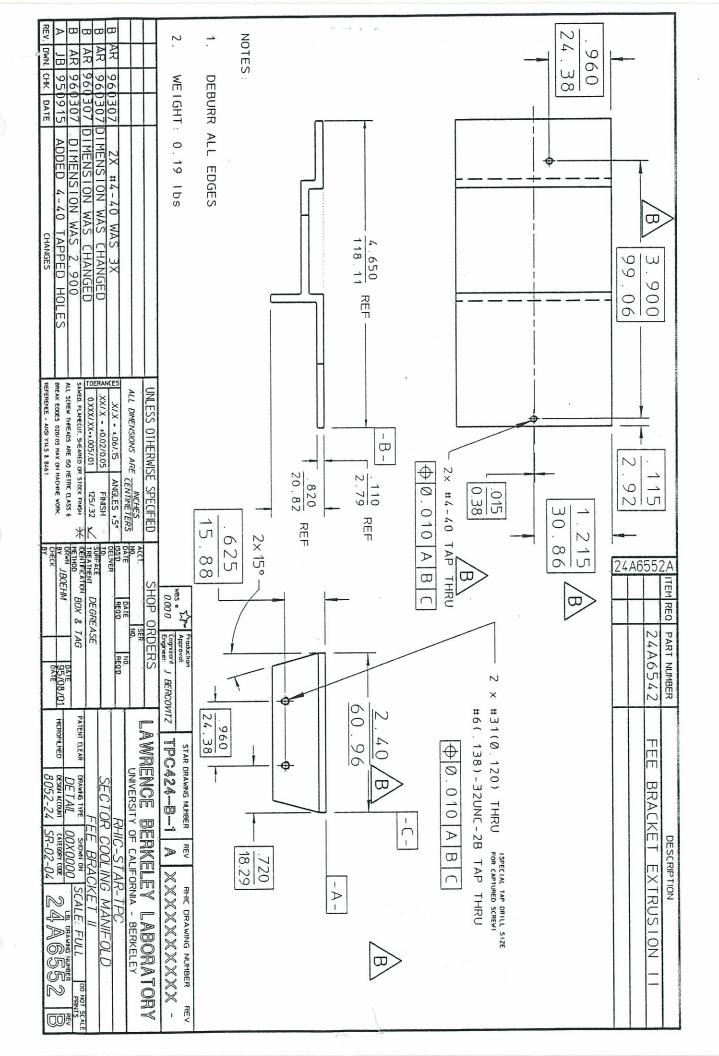
-Requester's copy-

The Terms and Conditions Attached Constitute A Part Of This Order

UNIVERSITY OF CALIFORNIA

ATTUI J. MEHRED

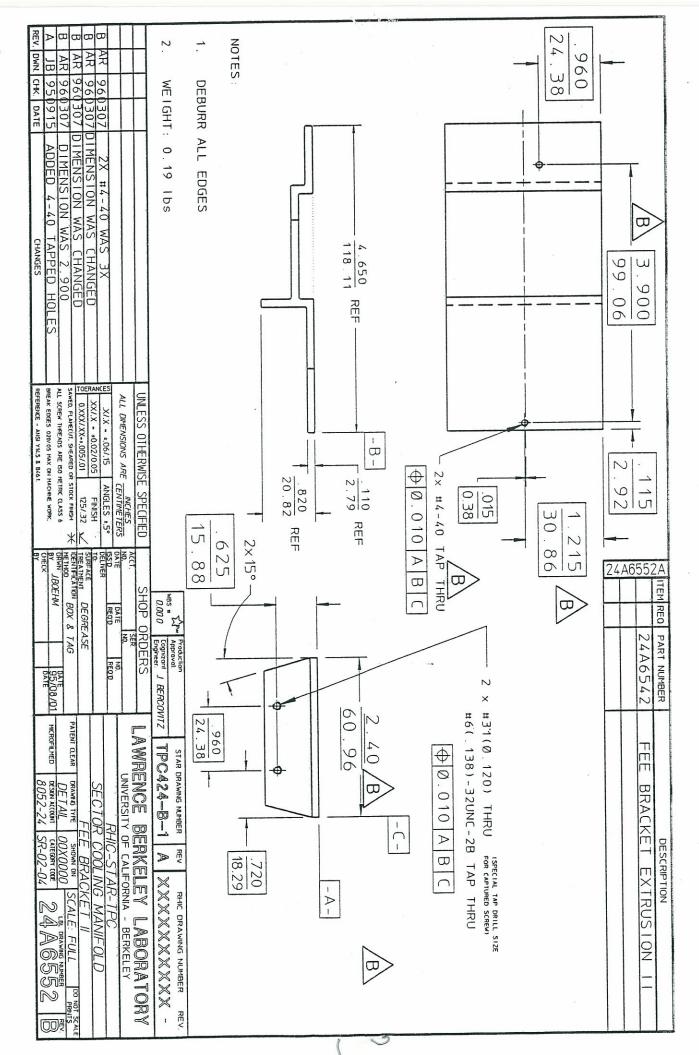
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Oct 15



UNIV SITY OF CALIFORNIA LAWRENCE BERKELEY LABORATORY FOR CONTRACT NO. DE-AC03-76SF00098 WITH THE DEPARTMENT OF ENERGY

Vendor: Manor Research Inc 2185 American Ave Hayward, CA 94545

For the US Dept of Energy UC Lawlance Berkeley Lab Berkeley, CA 94710 MAIL INVOICE IN DUPLICATE TO 2700 - 7th Street

SHIP TO:

UC Lawrence Berkeley Lab Accounts Payable Dept Berkeley, CA 94701 PO Box 528

UNIVERSITY OF CALIFORNIA:

		Purchast Jrder	rder
Purchase Order#	der#	Page	
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This purchase order number MUST appear on all invoices, packing lists, cartons and correspondence related to this order.	er number cking lists, ce related	MUST appear cartons to this order.	
Date of Order 16-OCT-96	Buyer J MEHREN	EN	
	510-48	510-486-5524	
Revision Date	Buyer		

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Custo	Customer Account V	/endor No.	Vendor No. Payment Terms	rms	Transportation Terms		F.O.B.		Ship Via		
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Vendo	Vendor Contact				Requester / Deliver to RAWLINS, ALBERT	RT W	K2\$	FOR RESALE-State Sales Tax should not be charged, as the University holds State Sales Tax Permit SR CH 21-835970 for deliveries to Lawrence Berkeley Laboratory.	Tax should not be as Tax Permit SR C Berkeley Laborator	chargec H 21-83 y.	, as the 5970
LINE		PART NUM	PART NUMBER/DESCRIPTION	IPTION	DELIVERY DATE	QUANTITY	TINN	UNIT PRICE	EXTENSION	T NOIS	TAX
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UNIVERSITY OF CALIFORNIA

2,500.00

TOTAL:

Authorized by

-Requester's copy-

The Terms and Conditions Attached Constitute A Part Of This Order

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UNI RSITY OF CALIFORNIA LAWITENCE BERKELEY LABORATORY FOR CONTRACT NO. DE-AC03-76SF00098

WITH THE DEPARTMENT OF ENERGY

1035 Grayson Street Vendor: York Precision Mfg Berkeley, CA 94710

Will (SHIP TO:

Purchase Order# 6442960 MAIL INVOICE IN DUPLICATE TO

rder

Purchas

This purchase order number MUST appear on all invoices, packing lists, cartons and correspondence related to this order.

Buyer J MEHREN Date of Order

> UC Lawrence Berkeley Lab Accounts Payable Dept

UNIVERSITY OF CALIFORNIA:

Berkeley, CA 94701

PO Box 528

510-486-5524 Buyer Revision Date

21 FOR RESALE-State Sales Tax should not be charged, as the University holds State Sales Tax Permit SR CH 21-835970 for deliveries to Lawrence Berkeley Laboratory. ΤΑΧ Z EXTENSION 446.75 Pick-Up Ship Via UNIT PRICE 446.75 Shipping Point QUANTITY UNIT F.O.B. 1.00 EA Д WELLS, RUSSELL Acct. of Univ Transportation Terms Requester / Deliver to DELIVERY DATE 16-DEC-96 (20-10/2c] WRFF 110 Systems Test Parts, per LBNL Dwg -- DO NOT 30 Days PART NUMBER/DESCRIPTION Payment Terms DAVID ON 11-DEC-96 Net Vendor No. 107110 DUPLICATE CONFIRMED TO: RF Shield, 24A3494A David Baruch Customer Account Vendor Contact LINE A

446.75

TOTAL:

Authorized by

UNIVERSITY OF CALIFORNIA

The Terms and Conditions Attached Constitute A Part Of This Order

-Requester's copy-

INVOICE COPY 2

DALE ELECTRONICS, INC. . . A COMPANY OF VISHAY 1122 23RD STREET Pa0. BOX 609 COLUMBUS. WE.

68602-0669

SHIPPED TO: UCLBAL-PROCARD ATT: RUSS WELLS MAIL STOP 70-314 2700 7TH ST. DERKELY, CA 94710

SOLD TO: CREDIT CARD ACCOUNT

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We hereby certify that these goods were produced in compliance with all applicable requirements of Sections 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor Issued under Section 14 thereof.



Maxim Integrated Products 120 San Gabriel Drive Sunnyvale, California 94086 (408) 737-7600 (408) 737-7194



PACKING LIST

SHIP TO

BERKELEY, CA 94702

LAWRENCE NATIONAL LABORATORY ATN: STRIKHANOV 1310 EDISON ST CERN

BILL TO

SHIP TO CUSTOMER VC004288

BILL TO CUSTOMER VISACARD

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We certify that the articles and/or services listed and shipped herewith under your purchase order purchase order and the drawings and specifications applicable to that order. We certify that impaction order and the drawings and specifications applicable to that order. We certify that impaction ordered and the drawings and specifications applicable to that articles are smalled form our time.	LLED BY PACKED BY DATE	CARTONS	TOTAL WEIGHT	SHIP CHARGES

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ATTN JON WIRTH

ASSM SHOP.

FAX

PAN AMERICAN COMPOSITES

22682 Baltar, Mission Viejo, CA 92691 Tel & Fax 714-581-7051

Date:

January 12, 1996

Total Pages 1

To:

Mr. Russell Wells

Lawrence/Berkeley Lab.

Berkeley, CA 94720 Fax: 510-486-7105 Subject: Return of Bromine contaminated

laminates

Dear Russell:

Please return samples of contaminated rigid sheet to the following address.

Mr. Mark A. Erath, CEO Stesalit AG Kunststoffwerk CH-4234 Zullwil (Basel), Switzerland

Best Regards:

MCK Bencer

Nicholas Spencer

MAIL TO: BERCOVITZ

LAWRENCE BERKELEY LABORATORY

BLDG:

FOLD TO HERE

LAWRENCE BERKELEY LABORATORY

CERTIFICATION TRANSMITTAL

SECOND NOTICE - 01/03/96

TO : BERCOVITZ

BLDG: 70 ROOM: 257

FROM: CONNIE BERRY

ACCOUNTS PAYABLE

BLDG: 936B

ROOM: 0268

EXT: 4783

PO#: 3847702

VENDOR: BUCKBEE - MEARS

INVOICE: 506752

DATE: 12/13/95

AMOUNT: \$7,944.20

THIS IS TO NOTIFY YOU THAT A CERTIFICATION NOTICE WAS SENT TO THE ABOVE CERTIFIER FOR THE ATTACHED INVOICE, AND THE NOTICE HAS NOT BEEN RETURNED TO ACCOUNTS PAYABLE BY THE DEADLINE.

PLEASE LOOK INTO THIS MATTER, AS THE INVOICE CAN NOT BE SCHEDULED FOR PAYMENT UNTIL CERTIFICATION HAS BEEN RECEIVED. IT WILL BECOME DELINQUENT ON ** 01/10/96 **.

MAIL TO: BERCOVITZ LAWRENCE BERKELEY LABORATORY

FOLD TO HERE

LAWRENCE BERKELEY LABORATORY

CERTIFICATION TRANSMITTAL

SECOND NOTICE - 01/03/96

TO : BERCOVITZ

BLDG: 70 ROOM: 257

FROM: CONNIE BERRY

ACCOUNTS PAYABLE

BLDG: 936B ROOM: 0268

EXT: 4783

PO#: 3847702

VENDOR: BUCKBEE - MEARS

INVOICE: 506712

DATE: 12/13/95

AMOUNT: \$7,938.80

THIS IS TO NOTIFY YOU THAT A CERTIFICATION NOTICE WAS SENT TO THE ABOVE CERTIFIER FOR THE ATTACHED INVOICE, AND THE NOTICE HAS NOT BEEN RETURNED TO ACCOUNTS PAYABLE BY THE DEADLINE.

PLEASE LOOK INTO THIS MATTER, AS THE INVOICE CAN NOT BE SCHEDULED FOR PAYMENT UNTIL CERTIFICATION HAS BEEN RECEIVED. IT WILL BECOME DELINQUENT ON ** 01/10/96 **.

Buckbee-Mears

A UNIT OF BMC INDUSTRIES, INC.

BILL TO:

SHIP DATE

1/21/95

245 East 6th Street 6th Floor St. Paul, MN 55101-1918 612/228-6400 Fax 612/228-6572

INVOICE NO. INVOICE DATE

506752 11/22/95

1. REFER TO PACKING SLIP NO. ON ALL CORRESPONDENCE

2. RETURNS MUST BE MADE WITHIN 45 DAYS AFTER SHIPPING DATE

3. TERMS: NET 30 DAYS

UPS NEXT DAY AIR

PLEASE REMIT TO ADDRESS AT BOTTOM OF INVOICE

INVOICE 1607 00

UNIV OF CA/LAWRENCE BERKELEY LAB SHIPTO:

DEFENSE

PO BOX 528

BERKLEY CA 94701 1607

P.O. NUMBER

3847702

UCLBL/USDOE 2700 7TH ST

BERKLEY CA 94710

01

ATTN:LINDARAE AUBERT

SHIP VIA

WAYBILL

SHIPPED	UM	DESCRIPTION		UNIT PRICE	EXTENSION
	5 EA	P/N 24A1044 INNER PCB BMC PACKING SLIP#: 5495	REV.	1,567.8800	7,839.4
			ITE	SUBTOTAL:	7,839.4
	1	INSURANCE AND FREIGHT	ADDL. CHG.	SUBTOTAL:	104.8 104.8
		signed 1/25/26 Th			
DEPT.	s	ALESPERSON	BMC NUMBER		♥ PLEASE PAY ♥
48		9999 - 005 - 97 - OK	238859		7,944.2

MAILING YOUR PAYMENT -

DIRECT WIRE TRANSFERS -

BMC INDUSTRIES, INC.

BUCKBEE MEARS ST. PAUL A UNIT OF BMC INDUSTRIES, INC. PO BOX 73765 CHICAGO IL 60673-7765

C/O BUCKBEE MEARS ST. PAUL FIRST NATIONAL BANK OF CHICAGO ACCOUNT #59-49599

BANK ROUTING #071000013

Buckbee-Mears St. Paul

245 East 6th Street 6th Floor St. Paul, MN 55101-1918 612/228-6400 Fax 612/228-6572

506712 11/20/95

1. REFER TO PACKING SLIP NO. ON ALL CORRESPONDENCE

INVOICE NO.

2. RETURNS MUST BE MADE WITHIN 45 DAYS AFTER SHIPPING DATE

3. TERMS: NET 30 DAYS

* * * PLEASE REMIT TO ADDRESS AT BOTTOM OF INVOICE

BILL TO:

INIVIOLOF

INVOICE

1607 00

UNIV OF CA/LAWRENCE BERKELEY LAB

PO BOX 528

BERKLEY CA 94701

SHIP TO: UCLBI

UCLBL/USDOE 2700 7TH ST

DEDVIEV CA

BERKLEY CA 94710

01

ATTN:LINDARAE AUBERT

SH	IP DATE		DEFENSE	P.O. I	NUMBER	SHIP		
11/	17/95			3847702		WAYBILL	-	
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	DEPT.	S	ALESPERSON		BN	IC NUMBER		7,938.80

* * * * * * REMIT TO INFORMATION

MAILING YOUR PAYMENT -

BUCKBEE MEARS ST. PAUL A UNIT OF BMC INDUSTRIES, INC.

PO BOX 73765

CHICAGO IL 60673-7765

DIRECT WIRE TRANSFERS -

BMC INDUSTRIES, INC.
C/O BUCKBEE MEARS ST. PAUL
FIRST NATIONAL BANK OF CHICAGO
ACCOUNT #59-49599
BANK ROUTING #071000013

RUSS -

INNON SECTOR PROTOTYPE PAD PLANE? ARE WE GOING TO PAY FOR 17?

YES & YES, RIGHT? O

Buckbee-Mears St. Paul A UNIT OF BMC INDUSTRIES, INC.

245 East 6th Street 6th Floor St. Paul, MN 55101-1918 612/228-6400 Fax 612/228-6572 INVOICE NO.

5**04**823 **0**8/**0**2/95

REFER TO PACKING SLIP NO.
 ON ALL CORRESPONDENCE

2. RETURNS MUST BE MADE WITHIN 45 DAYS AFTER SHIPPING DATE

3. TERMS: NET 30 DAYS

PLEASE REMIT TO ADDRESS AT BOTTOM OF INVOICE

1607 00

UNIV OF CA/LAWRENCE BERKELEY LAB S

PO BOX 528

BILL TO:

BERKLEY CA 94701

SHIP TO: UCLB

UCLBL/USDOE

2700 7TH ST

BERKLEY CA 94710

01

ATTN:LINDARAE AUBERT

SHIP	DATE 01/95		DEFENSE	38477 0 2	NUMBER	SHIP	0246923880	
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* * * * * * * * REMIT TO INFORMATION * * * * * * *

MAILING YOUR PAYMENT -

BUCKBEE MEARS ST. PAUL A UNIT OF BMC INDUSTRIES, INC. PO BOX 73765 CHICAGO IL 60673-7765 DIRECT WIRE TRANSFERS -

BMC INDUSTRIES, INC. C/O BUCKBEE MEARS ST. PAUL FIRST NATIONAL BANK OF CHICAGO ACCOUNT #59-49599 BANK ROUTING #071000013 

STESALIT AG

Faserverbund Technologie

Advanced Composite Systems

CH-4234 Zullwil/Basel

Telefon (41) 61 791 06 01 Telefax (41) 61 791 06 04 Postcheckkonto 40-27495-3 Bank: SKA Basei Credit Swiss Swift Nr. CRESCHZZ40A MWSt. Nr. / VAT No. 184 107



| Date | Customer No. | Document No. | 950623 | 121395 | 950349

University of California
Lawrence Berkeley Laboratory
Purchasing Dept. Accounting Dept
P.O. Box 528
USA- Berkeley, CA 94701

Page 1

Remarks:

Your order No.: 6406289

Delivery conditions: FOB arrival SFO Airport, uncleared, w/o US customs duty

Payment conditions : Invoice to be paid within 60 days after its issue.

SWIFT bank transfert to STESALIT AG banc account at Credit Swiss New York, NY10008-3700, P:O. Box 3700, Church Street Station, Account no. 35257801, SWIFT

Code CRESUS 33.

Order	P05	Item No.	Designation/Dimension/Material	Qty o	rdered	Del:YearWeek	Price	\$	Amount
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Prices excl	. VA	Ţ				1 1 1 1 E	Total (SD	6725.26

PRINT NUMBERS

UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY LAB

SERIAL NUMBER

REQUEST FOR PROCUREMENT

	(ABQUEDIT ON THO COIL	SIVILLIA
REQUESTER	R. WELLS	DATE REQUESTED 11-20-95
DELIVER TO	JON WIRTH	DATE NEEDED
BLDG	A ROOM ASSEM SHOP	PHONE NUMBER 7925
ACCOUNT NO	8052-24 AUTHORIZED SIGNATURE	Passell Will
QUANTITY	DESCRIPTION	APPROX PRICE
60	SPRING, MUSIC WIRE	# 3.4 BA
	#C0975-162-2500	
	0.975" OD W/0.162" W	IIR8 DIA.
	2.5"LONG	

VENDOR ASSOCIATED SPRING	SHIP CODE
ADDRESS	TOTAL COST
CITY STATE	P.O. NO
PHONE NUMBER 800 - 872 -7732	TERMS
CONTACT CECILIA	PICK UP DATE
REMARKS	TIME AFTER
STACK IN WISCONSIN	CLOSED DURING YES NO LUNCH
REQUISITION NUMBER	VEHICLE
XBG 662 (REV.2/92)	

UNIV. SITY OF CALIFORNIA LAWRENCE BERKELEY LABORATORY FOR CONTRACT NO. DE-AC03-76SF00098 WITH THE DEPARTMENT OF ENERGY

15001 South Broadway

Gardena CA 90248

Vendor: Associated Springs

For the US Dept of Energy UC Lawrence Berkeley Lab **MAIL INVOICE IN DUPLICATE TO** Berkeley CA 94710 2700 - 7th Street SHIP TO:

UC Lawrence Berkeley Lab Accounts Payable Dept Berkeley CA 94701 PO Box 528

UNIVERSITY OF CALIFORNIA:

rder Purchase

This purchase order number MUST appear on all invoices, packing lists, cartons and correspondence related to this order. 6417187 Purchase Order#

510-486-5523 Buyer J MOREAU Buyer Date of Order 20-NOV-95 Revision Date

Custor	Customer Account	Vendor No.		Payment Terms	ms		Trans	Transportation Terms		F.O.B.			۳	Ship Via			Г
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) Vendo	Vendor Contact (310) 323-4833						Requ.	Requester / Deliver to WELLS, RUSSELL P	ELL P.	ıπ⊃\$	OR RES niversity r deliveri	FOR RESALE-State Sales Tax should not be charged, as the University holds State Sales Tax Permit SR CH 21-835970 for deliveries to Lawrence Berkeley Laboratory.	sales Tax Sales Tax ce Berke	should not k x Permit SR eley Laborate	be charge CH 21-8 ory.	ad, as the	T
LINE		PART NU	MBER	PART NUMBER/DESCRIPTION	PTION		<u> </u>	DELIVERY DATE	QUANTITY	TINN		UNIT PRICE	JOE	EXTE	EXTENSION	TAX	Τ
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									5								

Authorized by

-Requester's copy-

The Terms and Conditions Attached Constitute A Part Of This Order

UNIVERSITY OF CALIFORNIA

186.60

TOTAL:

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ID:510-486-5179

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DISTRIBUTION OF COPIES:

Sand white, yellow and green copies to issue location. Retain pink copy. After order is filled, yellow copy will be returned to requester.

	ORDER FILLED BY	65
DATE		

UNFILLED ITEMS TO BE BACKORDERED OR FURNISHED BY ANOTHER SITE. YOU WILL BE NOTIFIED OF ACTION TAKEN.

11 4606 /ma. 7/071

MAIL TO: BERCOVITZ

LAWRENCE BERKELEY LABORATORY

BLDG:	70	ROOM:	257

FOLD TO HERE

LAWRENCE BERKELEY LABORATORY

CERTIFICATION TRANSMITTAL

FIRST NOTICE - 03/14/96

TO: BERCOVITZ BLDG: 70 ROOM: 257

FROM: CONNIE BERRY BLDG: 936B ROOM: 0268

ACCOUNTS PAYABLE EXT: 4783

PO#: 3847702 VENDOR: BUCKBEE - MEARS

INVOICE: 507962 DATE: 03/14/96

AMOUNT: \$11,090.66

PLEASE SIGN THE CERTIFICATION BELOW, AND RETURN TO ACCOUNTS PAYABLE BY ** 03/28/96 **

NOTE THAT IF THIS NOTICE IS NOT RETURNED PROMPTLY, A SECOND REQUEST WILL BE SENT TO YOUR DIVISION ADMINISTRATOR.

**	********************	**
*	THIS IS TO CERTIFY THAT THE MATERIALS AND/OR SERVICES STATED ON	*
*	THIS INVOICE WERE RECEIVED OR RENDERED IN ACCORDANCE WITH THIS	*
*	PURCHASE ORDER.	*
*		*
*	IN ADDITION, THE AMOUNTS CHARGED ARE IN AGREEMENT WITH THE	*
*	VENDOR'S PRICE SCHEDULE REFERENCED BY THE PURCHASE ORDER.	*
*		*
*		*
*	BY & DATE: ACCOUNT NO.	*
*		*
44		**

DUCKDEE-1VIEUIS DI. I UUI

A Unit of BMC Industries, Inc.

278 East 7th Street St. Paul, MN 55101-1918 612/228-6400 Fax 612/228-6572 INVOICE NO.

507962 02/12/96

REFER TO PACKING SLIP NO.
 ON ALL CORRESPONDENCE

2. RETURNS MUST BE MADE WITHIN 45 DAYS AFTER SHIPPING DATE

3. TERMS: NET 30 DAYS

INVOICE

BILL TO:

1607 00 UNIV OF CA/LAWRENCE BERKELEY LAB SHIP TO: PO BOX 526

PLEASE REMIT TO ADDRESS AT BOTTOM OF INVOICE

BERKLEY CA 94701

1607 01 UCLBL/USDOE 2700 7TH ST

BERKLEY CA 94710

ATTN: LINDARAE AUBERT

				ALTIN.		
Annual Control of the	P DATE Ø9/96	DEFENSE .	38477Ø2	Park (1996)	UPS NEXT DAY - YBILL	AIR
ПЕМ	QUANTITY SHIPPED	UM	DESCRIPTION		UNIT PRICE	EXTENSION
71	7	EA P/N 24A1044 INNER PCB BMC PACKING SLIP#	t: 5698	REV.	1,567.8800	10,975.
26	1	FREIGHT CHARGE		ADDL.	ITEM SUBTOTAL:	10,975. 115. 115.
9)					
	RECEIVED LBL ACCOUNTS PAYABLE	FEB 22 96 5: 15 PM				
	DEPT. 48	SALESPERSON 9999 - 12/25 - 97	, – OK		BMC NUMBER 238859	▽PLEASE PAY ▽ 11, Ø90.6

* * * * * * * REMIT TO INFORMATION * * * * * * *

MAILING YOUR PAYMENT -

BUCKBEE MEARS ST. PAUL A UNIT OF BMC INDUSTRIES, INC. PO BOX 73765

CHICAGO IL 60673-7765

DIRECT WIRE TRANSFERS -

BMC INDUSTRIES, INC. C/O BUCKBEE MEARS ST. PAUL FIRST NATIONAL BANK OF CHICAGO ACCOUNT #59-49599 BANK ROUTING #071000013

SERIAL NUMBER PRINT NUMBERS UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY LAB REQUEST FOR PROCUREMENT DATE REQUESTED ___ 2/26/97 REQUESTER R. WELLS DELIVER TO FRED BIESER ____ ROOM____245 PHONE NUMBER 7925 BLDG_ SO ACCOUNT NO. 8052 - 24 AUTHORIZED SIGNATURE Thuself Will APPROX PRICE QUANTITY DESCRIPTION PLATE ALUMINUM BRACKETS # 1 75 EA 201

WITH 0.0003" NICKEL FOLLOWED BY 0,000001 TO 0,000005" OF GOLD

LBL TO SUPPLY BRACKETS (LOCATED IN B 50/245 - FRED BIESER'S OFFICE)

TIN

VENDOR <u>ELECTROCHEM</u> ADDRESS <u>25020</u> VIKING ST.	SHIP CODE TOTAL COST		
CITY HAYWARD STATE CA	P.O. NO		
PHONE NUMBER 887 - 5559	TERMS		
CONTACT LOU	PICK UP DATE		
REMARKS	TIME AFTER		
VENDOR PROMISES DELIVORY W/IN I WEEK	CLOSED DURING YES NO LUNCH		
REQUISITION NUMBER	VEHICLE		
XBG 662 (BEV 2/02) CNPO 2/26/37			

(REV.2/92)



STAR PROJECT MANAGEMENT OFFICE

Lawrence Berkeley Laboratory 1 Cyclotron Road, MS 70A/3307 Berkeley, CA 94720

FAX Transmittal

Date: 9/22/95

BMC

TO: PAUL WYATT (612) 228-6572

From: RUSS WELLS

Phone: (510) 486- 7905

FAX: (510) 486-7105

No. of pages to follow: 3

PLEASE FIND A PORTION OF THE INNER SECTOR PCB SCHEMATIC REPROPUEED ON

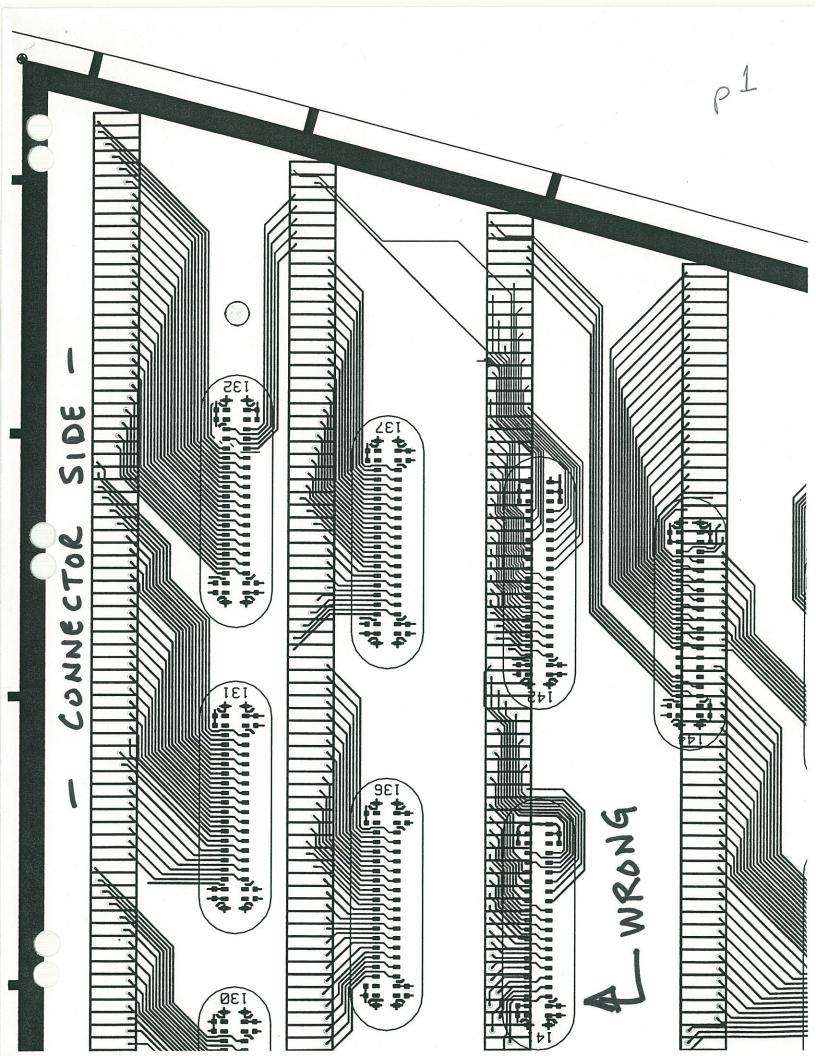
3 PAGES

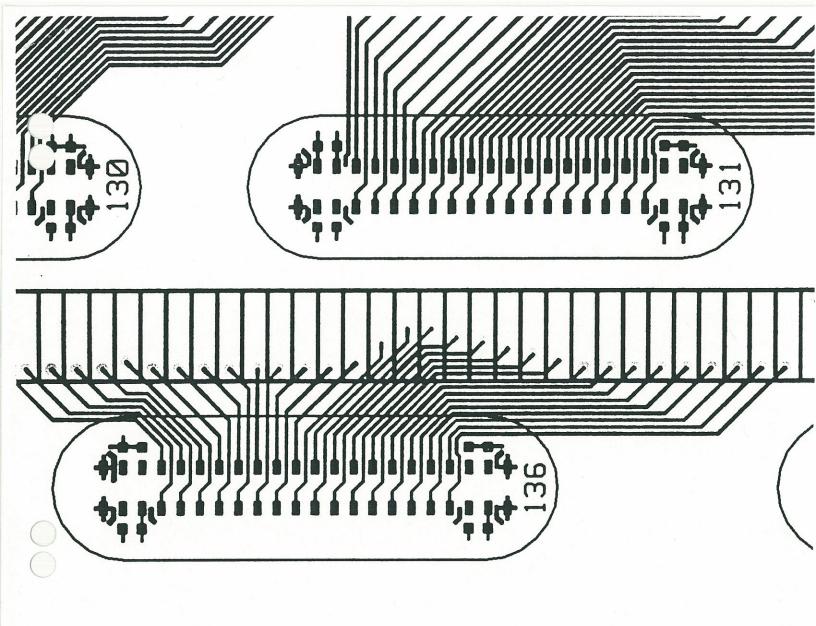
PAGE 1 - GIVES LOCATION OF INCORPECTLY CODED CONNECTOR

PAGE 2 - ENLARGED VIEW OF EXISTING (WRONG) CONNECTOR TRACE

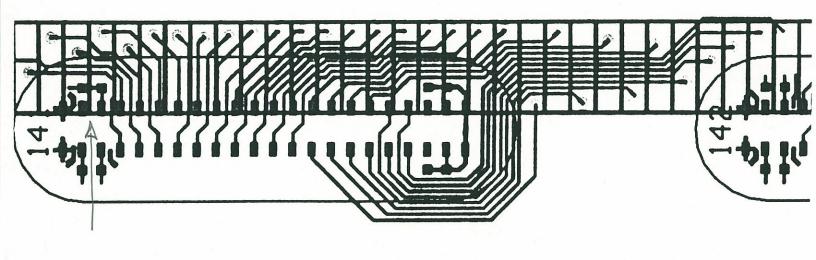
PAGE 3 - ENLARGED VIEW OF CORRECTED SCHEMATIC.

REQUIRED FIX - MOVE PAD TO PAD CONNECTION TO THE LEFT ONE PIN.

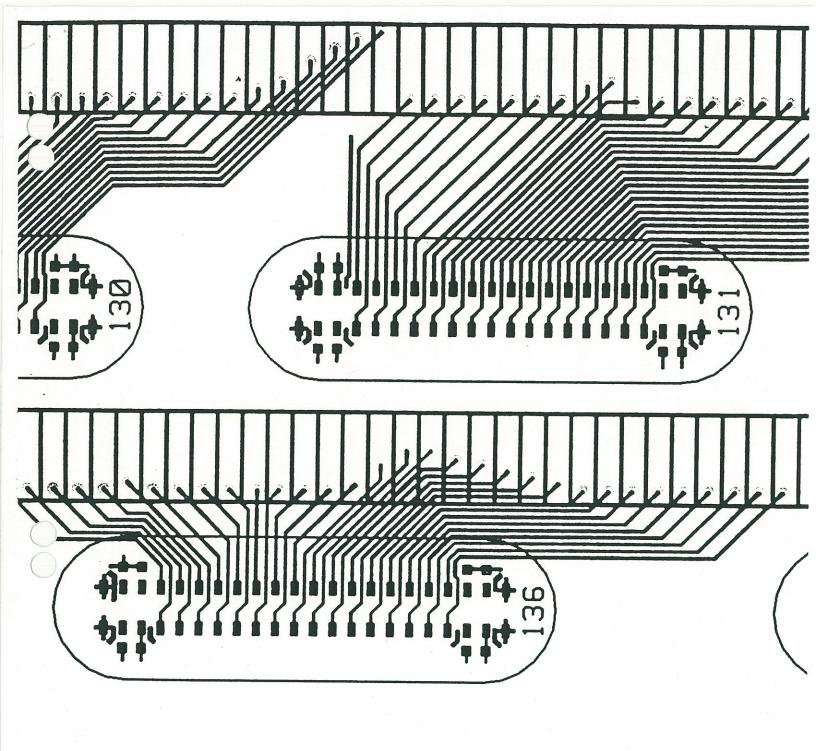


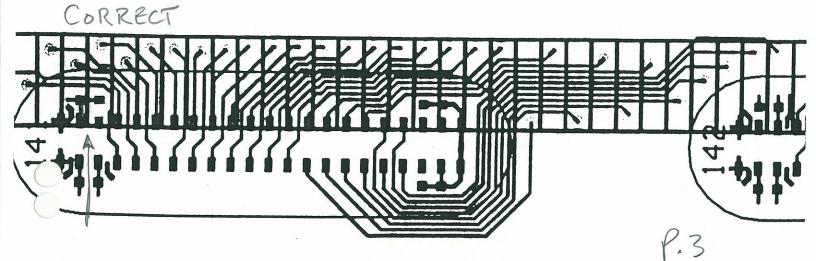


NOT CORRECT



P.2





Requisition Number

PO Number

6406732

Total PO Amount

1,842.00

+ Deliver To

SMITH-BURNETT, WANDA J.

+ Location

070A 3307B

Account Number

8052-24

Job Order Number

Receipt Number

22905

Received By

ADLUIZ

On 07-SEP-95

Vendor Name

Buyer Name

Apple Computer Inc

BARRETT, SHARON A.

510-486-5461

Line Item Description Ordered Received

Power Mac AV Card

1.00

John Kimball Steve At Abraham Mauneen Cougen

COPY FOR YOUR RECORD DNLY

MCR Associates, Inc. 111 W. Evelyn Avenue, Suite 301 Sunnyvale, CA 94086 408/736-1636

Invoice

DATE	INVOICE NO.
09/01/95	950928

BILL TO

Lawrence Berkeley Laboratories Accounting Office PO Box 528 Berkeley CA 94701

CIII		~	$\boldsymbol{\cap}$
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Lawrence Berkeley Laboratories One Cyclotron Road Berkeley, CA 94720

Total

\$2,280.00

	P.O. NO.	TERMS	DUE DATE
	3593100	Net 30	10/01/95
DESCRIPTION	QTY	RATE	AMOUNT
ANSYS Finite Element Analysis Program License Fee - 4 Task Network License September 1995 CSA Discount	1	4,000.00 -43.00%	4,000.00 -1,720.00
3624-71 - 570.0 4540-18 - 888.0 7420-33 - 285.0 8082-25 - 285.0 4568-21 285.0	Ō	PERM	ARTIN FOR

MAKE/BUY NO.

PAGE

JOB ORDER D PROCUREMENT X

Acet. No. 8052-24 Pg. 2 of 2 Serial No. 334509

CONTACT LOG

Firm or In	dividu	al / 1	TTLE FALLS ALLOYS
Name			Home Phone
Company			Due Dhan (201) 200 144
Company			Bus. Phone (201) 278-16(d
Address	17	1-191	CALLUE AVE FX (201) 278-784
Tues of his	P	TER	SON, NJ 07501
Type of bu	siness	Wi	<u>PE</u>
Reason fo	r Cont	act	75 BC WIZE Contact Dates
Action to b	oe tak	en	BEV Action Dates
Preparator	y Note	es	
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104

PROCUREMENT X PAGE _ MAKE/L Y NO. JOB ORDER □ Account No. ☐ Env. Hith/Safety ☐ Date ISSUED TO: C&M Shops

Elec. Shops

Elec. Eng. Serial No. 334506 Mech. Shops ☐ Mech. Tech. ☐ Mech. Eng. ☐ Inst. Sci./Eng. Refer Questions To: WORK DISTRIBUTION Ext. Ordered By: HUDERSSEN 5019 E. ANDERSSEN CRAFT CRAFT MECH. SHOP OFF. MECH. ENG. Job Requested By: (Client) MECH. TECH. OFF. ASS'Y SHOP 90 WHAL WIRTH **SHOP 25** MACH. SHOP Design Check By: (Engineer Responsible) PAINT SHOP **SHOP 71** SHEET METAL Production Check By: SHOP Autherized By: Date 8/29/95 WELDING SHOP SHOP Job Description: Residual Risks Accepted **C&M OFFICE** ELECT. ENG. CARPENTERS COORDINATING **ELECTRICIANS** DRAFTING ELECT. FAB. LABORERS ELECT. INSTALL MAINT. TECHS **PAINTERS** ELECT. MAINT. **DELIVER TO:** DUE DATE **PLUMBERS** ELECT. Q.A. WIRTH PARTS OPER. CHECK ASSEMBLY TECH. SUPP TOTAL HRS HR. ELEC-MECH. 80 REFERENCE DISTRIBUTION PRINTS LABOR J.O. DWGS. MATERIAL \$ SEND COPIES TO: Rm. Bldg. SAFETY/SHOPS TOTAL / 2000 314 FABRICATION: SAFETY/ENVIRONMENTAL ANALYSIS ☑ LBL SHOPS OUTSIDE SHOPS BY: DATE: Attach completed MAKE/BUY PRELIM. form when Mech. Shops labor exceeds \$1600 FINAL PRIN SPACE RESERVED FOR DEPARTMENTS RECEIVING COPIES CH P.O. 6411738 ITEM SHOP DRAWING OR QUAN-INSTRUCTIONS NAME DESCRIPTION NO. USE PART NUMBER TITY POHOF LAST OPDER

mani Prep & Prime cost

Headers	120 x 35	4200
Tube sets	60 x \$400	24000
masking	60 x 150	9000
		37200

Cooling Mani Parts Cost

J.O. # 34294	4 \$9,033.08
J.O. # 3429	\$9,033.08
J.O. # 34364	\$27,775.40
J.O. # 34323	\$9,247.88
J.O. # 34322	2 \$9,313.43
J.O. # 34376	\$18,109.40
	\$82,512.27

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Santa Cl	ara, CA 95051	AVAILABLE	FROM: I			
Attn.:	MICHAEL GRIFFIN		- YOA.			
(408) 49 FAX: (4	06-0222 08) 496-0117	G3A	YIAI			
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		2	1	Prior List Date		

DATE 8/31/95

TO: John Boehm

FROM: TOM WEST

BUILDING 77, ROOM 123B

PLANNING & ESTIMATING OFFICE

The attached report summarizes the estimate for your Job Order Number ______. This report documents the initial cost estimate including all Engineering Division burden. The Laboratory accounting system will add the appropriate overhead rates. The numbers across the top of the report denotes Building 77's Departments.

Please call if you have any questions regarding the attached.

The CONTACT PERSON for this job is Jack Sm. H. EXT. 5901

MECHANICAL SHOPS

SHOP	1	INSPECTION	JEROME CUMMINGS
SHOP	2	NC MACHINING	JACK SMITH
SHOP	2A	NC PROGRAMING	JACK SMITH
SHOP	3	CONVENTIONAL MACHINING	JACK SMITH
SHOP	4	PLANNING & ESTIMATING OFFICE	TOM WEST
SHOP	6	SHEET METAL	JEFF CAIN
SHOP	7	WELDING	JEFF CAIN
SHOP	7A	NC WELD (BURN TABLE)	JEFF CAIN
SHOP	8	CERAMICS	ANDREW MEI
SHOP	9	GLASS	TOM ORR
SHOP	10	ASSEMBLY	DICK JOHNSON
SHOP	12	PLATING	AL HARCOURT
SHOP	13	TOOL GRINDING	GARY GERUE
SHOP	20	PAINT (SAND BLAST)	GARY GERUE

ISSUE	ORDER	M Shops D Ele		Elec			th/Safety 🗆 [att be	-1	ccount	No. OI	Serial	934	491
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RI-527 7600-54597 (Rev. 10/80)

PAINT					Total Cost (incl Helper & Cont)	\$1,849.50	
UHVC		*			Total (incl &	\$1,8	
ASSY CONT UHVC PAINT							
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PR.	TO: C&	M Shops	ch. Tech	n. 🗆 N	Mech. En	g. Inst. Sci		12/95	Account 805	No24	Serial No.	192
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Cooling Mani Parts Cost ESTMATE (SHOP)

8/21/25

J.O. # 34294	\$9,033.08
J.O. # 34295	\$9,033.08
J.O. # 34364	\$27,775.40
J.O. # 34323	\$9,247.88
J.O. # 34322	\$9,313.43
J.O. # 34376	\$18,109.40
	\$82,512.27

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3745 25th AVENUE • SCHILLER PARK, IL 60176 (708) 928-1500 FAX: (708) 928-2509

Date 8/15/95 Page 1 of 1

Terms NET



022385

Bill-To Customer

LAWRENCE BERKLEY LAB 1 CYCLETRON BLDG 77/125 BERKLEY, CA 94705

A service charge equivalent to 1% % per month (18% per annum) will be added to all invoices past 30 days.

BALANCE DUE:

489.60

Return bottom part with your check payable to: BELLAIR EXPRESS

Date	Invoice	Interest	1-30 Days	31-60 Days	61-90	Days	120 +
5/12/95	2165	7.34					489.60



ACCT NO.

022385

Interest

1-30 Days

31-60 Days 61-90 Days

120 +

7.34

489.60

Paul

UNIT OF BMC INDUSTRIES, INC.

BERKLEY

245 East 6th Street 6th Floor St. Paul, MN 55101-1918 612/228-6400 Fax 612/228-6572

INVOICE DATE

004887 08/09/95

1. REFER TO PACKING SLIP NO. ON ALL CORRESPONDENCE

2. RETURNS MUST BE MADE WITHII 45 DAYS AFTER SHIPPING DATE

3. TERMS: NET 30 DAYS

BILL TO:

SHIP DATE

08/04/95

1607

CA

INVOICE

DEFENSE

UNIV OF CA/LAWRENCE BERKELEY LAB PO BOX 528

94701

PLEASE REMIT TO ADDRESS AT BOTTOM OF INVOICE

SHIP TO:

P.O. NUMBER

3847702

1607 Ø1 UCLBL/USDOE 2700 7TH ST

BERKLEY

94710

BILLING ONLY

ATTN: LINDARAE AUBERT

WAYBILL

CA

TEM	QUANTITY SHIPPED	UM	DESC	RIPTION		UNIT PRICE	EXTENSION
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03	1	EΑ	BMC PACKING SLIP#: *24A1044 LAYER 1 LBL NEG 12180-57	3610	REV.	3,237.0000	3,237.0
54	1	ΕA	BMC PACKING SLIP#: \DRILL & ROUT TAPE	3610	REV.	500.0000	500.¢
55	1	EΑ	BMC PACKING SLIP#: \ELECTRICAL TEST FIX	3610 TURE	REV.	3,000.0000	3,000.0
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BUCKBEE MEARS ST. PAUL A UNIT OF BMC INDUSTRIES, INC.

PO BOX 73765

CHICAGO IL 60673-7765

BMC INDUSTRIES, INC. C/O BUCKBEE MEARS ST. PAUL FIRST NATIONAL BANK OF CHICAGO ACCOUNT #59-49599 BANK ROUTING #071000013

GINAL INVOICE

Signed 9/11/95

FORM CONTROL NO. 122069

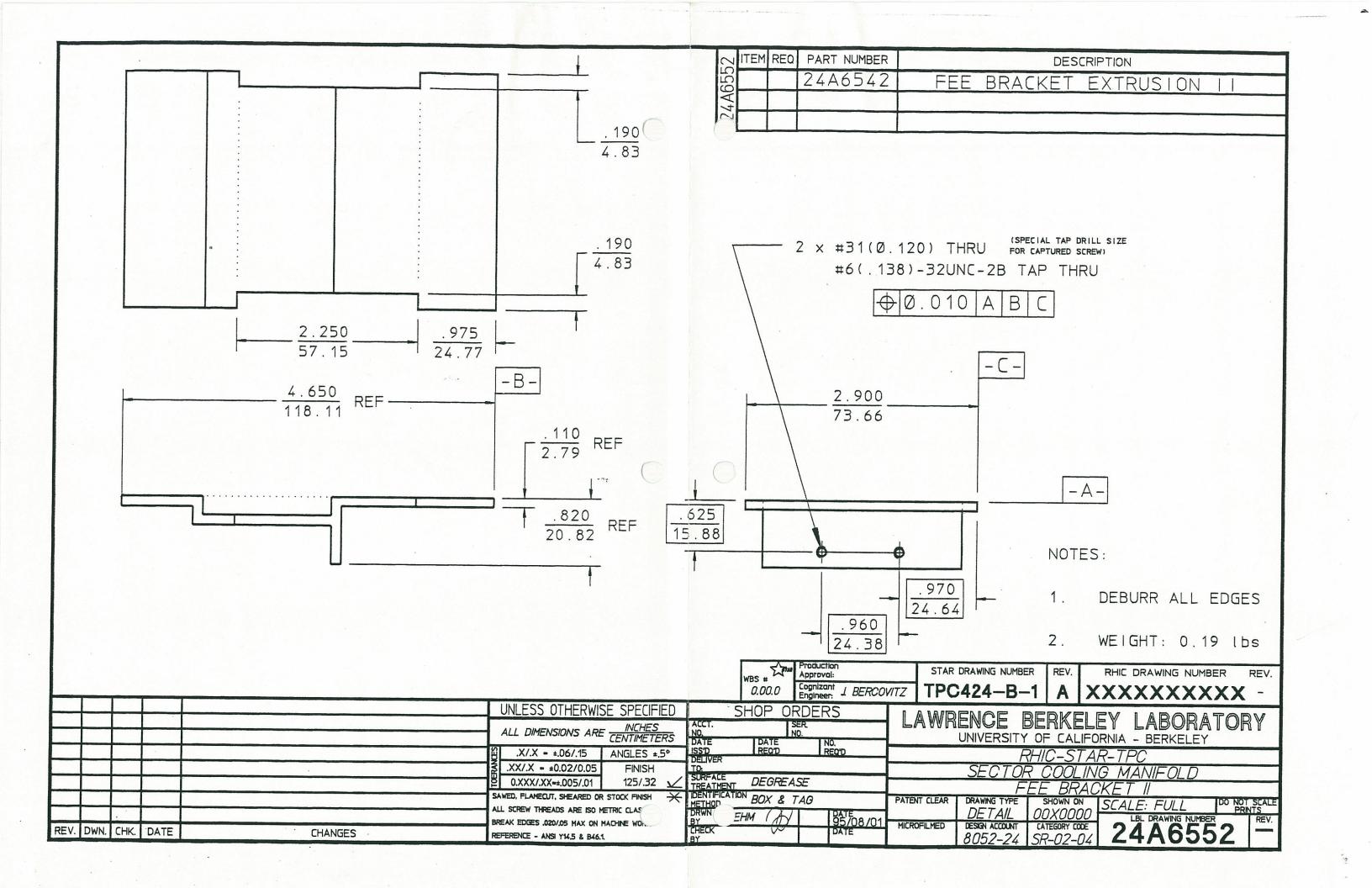
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RL-527 7600-54597 (Rev. 10/80)

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RL-527 7600-54597 (Rev. 10/80)



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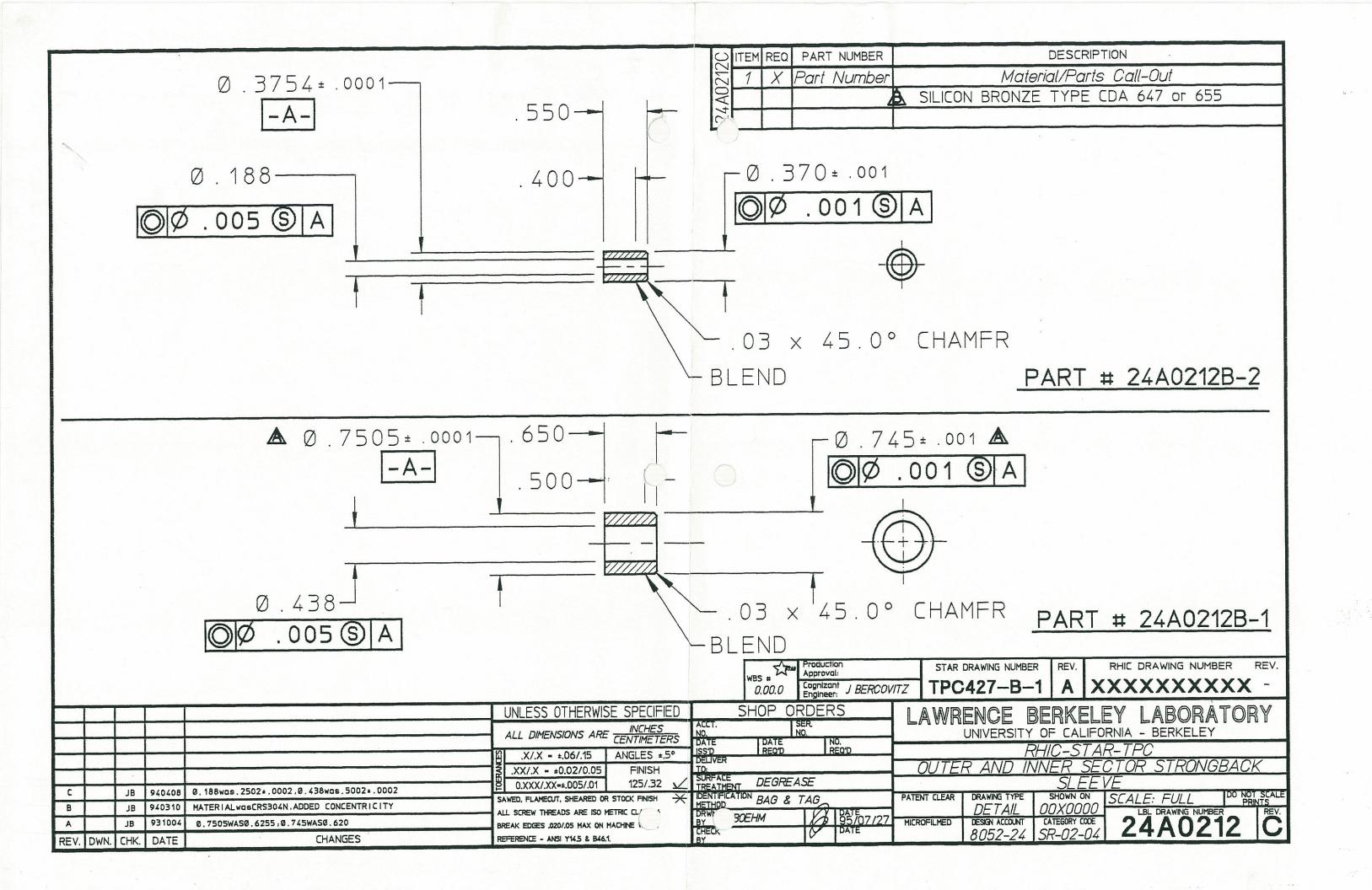
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TO:

): **Sh**

FROM: CHIP HOLLISTER

BUILDING 77, ROOM 123B

PLANNING & ESTIMATING OFFICE

The attached report summarizes the estimate for your Job Order Number 034364. This report documents the initial cost estimate including all Engineering Division burden. The Laboratory accounting system will add the appropriate overhead rates. The numbers across the top of the report denotes Building 77's Departments.

Please call if you have any questions regarding the attached.

The CONTACT PERSON for this job is locky. EXT. 5901

MECHANICAL SHOPS JEROME CUMMINGS INSPECTION... SHOP JACK SMITH NC MACHINING..... SHOP 2 added am JACK SMITH NC PROGRAMING..... CONVENTIONAL MACHINING..... JACK SMITH SHOP PLANNING & ESTIMATING OFFICE..... TOM WEST SHOP SHOP SHEET METAL..... JEFF CAIN WELDING SHOP NC WELD (BURN TABLE)..... JEFF CAIN SHOP ANDREW MEI CERAMICS..... SHOP TOMORR SHOP DICK JOHNSON AL HARCOURT SHOP TOOL GRINDING..... SHOP 13... GARY GERUE PAINT (SAND BLAST)..... me spen

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	Chip H	ollister	SHOP SERIAL # 034364	4	
I JE			OTAL GROUP (STAR) PRINT # (SEE J	0	
DATE REQ'I			522 REQUESTOR BOEHM	EXT	6506
		480 TOTAL PARTS,	ON 16 PRINTS, 30 EA. PER PRINT		
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OP NO	. DEPT	OPER. SIGN OFF	DESCRIPTION	Hours	SIGN OFF
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AUTHORIZA	1111	\$50,000 OVER	SB BB		LINIVE DO	TV OF OAL	IFORNIA
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()c	mybell"	X04118353	DATE 7/5/95			HASE REQUIS	
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RL 2350 (REV. 10/85)

PURCHASING

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	IN	NFI	2 SECTOR		NI TUBE CHINING 8052-24 0 34376
	ITEM NO.	SHOP USE	DRAWING OR PART NUMBER	QUAN- TITY	NAME DESCRIPTION INSTRUCTIONS
	13		24A4764	3000	TUBE # 13 MACHINING *
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3745 25th AVENUE • SCHILLER PARK, IL 60176 708) 928-1500 FAX: (708) 928-2509

Date 6/15/95 Page 1 of 1

Terms NET

022385

LAWRENCE BERKLEY LAB 1 CYCLETRON BLDG 77/125 BERKLEY, CA 94705

Bill-To Customer

A service charge equivalent to 1% % per month (18% per annum) will be added to all invoices past 30 days.

BALANCE DUE:

489.60

Return bottom part with your check payable to: BELLAIR EXPRESS

Invoice 1-30 Days 31-60 Days 61-90 Days 5/12/95 2165 489.60

> ORIGINAL TO RON BALL + A COPY TO RICH WEIDENBACH SENT

RUZASE CHARGE THE BELLAIR TO 8052-24.

AT LEAST 2

ACCT NO.

022385

Interest 1-30 Days 31-60 Days 61-90 Days

120 +

7.34

489.60

THE ABOVE INVOICES ARE OVER 60 DAYS OLD. AS A VALUED CUSTOMER, PLEASE ENSURE A GOOD CREDIT RATING BY PAYING THESE INVOICES NOW.

PURCHASE ORDER REFERRAL

TO: ACCOUNTING / BERKELEY LIVERMORE
PURCHASE ALLIED SIGNAL NAME ALLIED SIGNAL
PRICE CHANGE: DINCREASE DECREASE ITEMS
QUANTITY CHANGE: " " ITEMS
NAME CHANGE:
NOT AUTHORIZED ON P. O
OTHER:
☐ INVOICE
ATTACHED DATE CONNIE BERRY ACCOUNTS PAYABLE
REPLY
FORMAL CHANGE ORDER IN PROCESS PURCHASE ORDER IS CORRECT (ADDITIONAL CHARGES NOT AUTHORIZED)
DATE
PURCHASING DIVISION INTERNAL CHANGE ORDER No. 2
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOICE ON ITEMS MARKED.
CASH DISCOUNT CONTRACTOR TO SHIP VIA
SELLER'S NAME TOTAL PRICE ADDITIONAL CHARGE
DESCRIPTION OF CHANGE: THE QUANTITY AND TOTAL PRICE OF ITEM !
ARE HEREBY DECREASED AS FOLLOWS:
9 \$57.54 ORDER 15
1. AS WRITTEN EA EA \$517.86 COMPLETE
REASON FOR CHANGE:
TO SLOSE THE ORDER OUT SHART, PER LEQUESTER R. WELLS
C: JOHN BERCOVITZ/RUSS WELLS
GABE RUIZ
DATE 6-12-95 Olan Campbel PURCHASING DIVISION AUTHORIZATION

	JOB O	RDER	PROCU	REME	NT 🗆	M.	AKE/BUY	NO			-		PAGE		OF _	
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11	INT NUMBERS

UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY LAB

SERIAL NUMBER

REQUEST FOR PROCUREMENT

_	(REQUEST FOR PROCE	JKEMENI J	,
equester R	WELLS	DATE REQUESTED 5/	22/97
DELIVER TO 6	. KOEHLER	DATE NEEDED	10/97
BLDG 77A	ROOM	PHONE NUMBER 79	25
ACCOUNT NO	052-24 AUTHORIZED SIGNATURE	$\neg \cap \cap \cap \cap \cap$	
QUANTITY	DESCRIPTION		APPROX PRICE
2000	WASHERS, PHOSPHOR BRO	NZE \$	t 8.124/GA
	0.580" OD , 0.324" I	D x 0.032" THICK	
	TUMBLE DEBURRED TOLERANCES ±.005 FD/OD		
	FLATLATO 0.005/IN DIA		
		ð	\$ 248/LOT

VENDOR BOKER'S INC SHIP CODE ____ ADDRESS 3104 SNELLING AVE SOUTH TOTAL COST _____ CITY MINNEAPOLIS STATE MN P.O. NO. _____ 55406-1937 PHONE NUMBER 612 -729 -9365 TERMS ____ CONTACT __MIKE PICK UP DATE _____ REMARKS 2 WEEKS A.R.O. TIME AFTER ___ 2 WEEKS ARD DURING YES NO LUNCH CLOSED REQUISITION **NUMBER** VEHICLE ____

XBG 662 (REV.2/92)

UNIVERSITY OF CALIFORNIA ERN ST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY

FOR CONTRACT NO. DE-AC03-76SF00098 WITH THE DEPARTMENT OF ENERGY

SUBCONTRACTOR:

3140 Snelling Ave South Minneapolis, MN 55406 Bokers Inc

For the US Dept of Energy .ce Berkeley Lab Berkeley, CA 94710 MAIL INVOICE IN DUPLICATE TO UNIVERSITY OF CALIFORNIA: 2700 - 7th Street UC Lav

SHIP TO:

UC Lawrence Berkeley Lab Accounts Payable Dept Berkeley, CA 94701 PO Box 528

Subc tract	Page	П	UST appear , cartons and his subcontract.	EAU	510-486-5523		
	Subcontract #	6455089	This subcontract number MUST appear on all invoices, packing lists, cartons and correspondence related to this subcontract.	Subcontract Date Buyer 23-MAY-97 J MOREAU	510-4	Revision Date Buyer	10.74

Custor												
-	Customer Account	Vendor No.	Payment Terms	Terms	Transportation Terms		F.O.B.		S	Ship Via		
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Subco	Subcontractor Contact				Requester / Deliver to WELLS, RUSSELL	I.	K Ž Ž	FOR RESALE-State Sales Tax should not be charged, as the University holds State Sales Tax Permit SR CH 21-835970 for deliveries to Lawrence Berkeley National Laboratory.	les Tax sales Tax beles Tax be Berkel	should not be charge Permit SR CH 21 ley National Labor	ged, as the -835970 atory.	
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Authorized by

-Requester's copy-

The Terms and Conditions Attached Constitute A Part Of This Subcontract

University of California, Lawrence Berkeley National Laboratory

248.00

TOTAL:

JOHN MOREAU

PRINT NUMBERS

UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY LAB

SERIAL NUMBER

REQUEST FOR PROCUREMENT

(REQUEST FOR	PROCUREMENT
LEQUESTER R. WELLS	DATE REQUESTED 5/22/97
	DATE NEEDED 6/10/97*
BLDG 77A ROOM 105	
ACCOUNT NO. 8052-24 AUTHORIZED SIGNA	TURE Pusself Will
QUANTITY DESCRIPTION	
1600 5/16-18 × 1" SOCKET	HD CAP SCREWS, \$ 1800-
SILICON	BRONZE
OR NON - MI	AGNETIC BRASS

VENDOR	SHIP CODE
ADDRESS	TOTAL COST
CITY STATE	P.O. NO
PHONE NUMBER	TERMS
CONTACT	PICK UP DATE
REMARKS	TIME AFTER
REMARKS * PREFERRED, LATER DELIVERY (MID JULY) ACCEPTABLE. PARTIAL SHIPMENT OK	CLOSED DURING YES NO LUNCH
REQUISITION NUMBER	VEHICLE

XBG 662 (REV.2/92)

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MAKE/BUY NO.

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JOB ORDER ► PROCUREMENT □



3745 25th AVENUE • SCHILLER PARK, IL 60176 (708) 928-1500 FAX: (708) 928-2509

Invoice No. 2225

Date 5/19/95

Page 1 of 1

Terms NET

INVOICE

Bill-To Customer

Account

022385

A service charge equivalent to 1½ % per month (18% per annum) will be added to all invoices

past 30 days.

LAWRENCE BERKLEY LAB 1 CYCLETRON

BLDG 77/125 BERKLEY, CA 94705

BALANCE DUE:

750.71

Return top portion with your check payable to: BELLAIR EXPRESS

Bill No. PO# / Sender Name & Address Sent-To Name & Address Service(s) Pieces Weight Charges

5/11/95 1015045 P.O.# 8052-24

Note: JOHN WORTN

UNIVERSITY OF TEXAS

2200 COMAL

AUSTIN, TX 78722

JERRY HOFFMAN

LAWRENCE BERKLEY LAB

1 CYCLETRON

BLDG 77/125

BERKLEY, CA 94705

Door/Door

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Deferred

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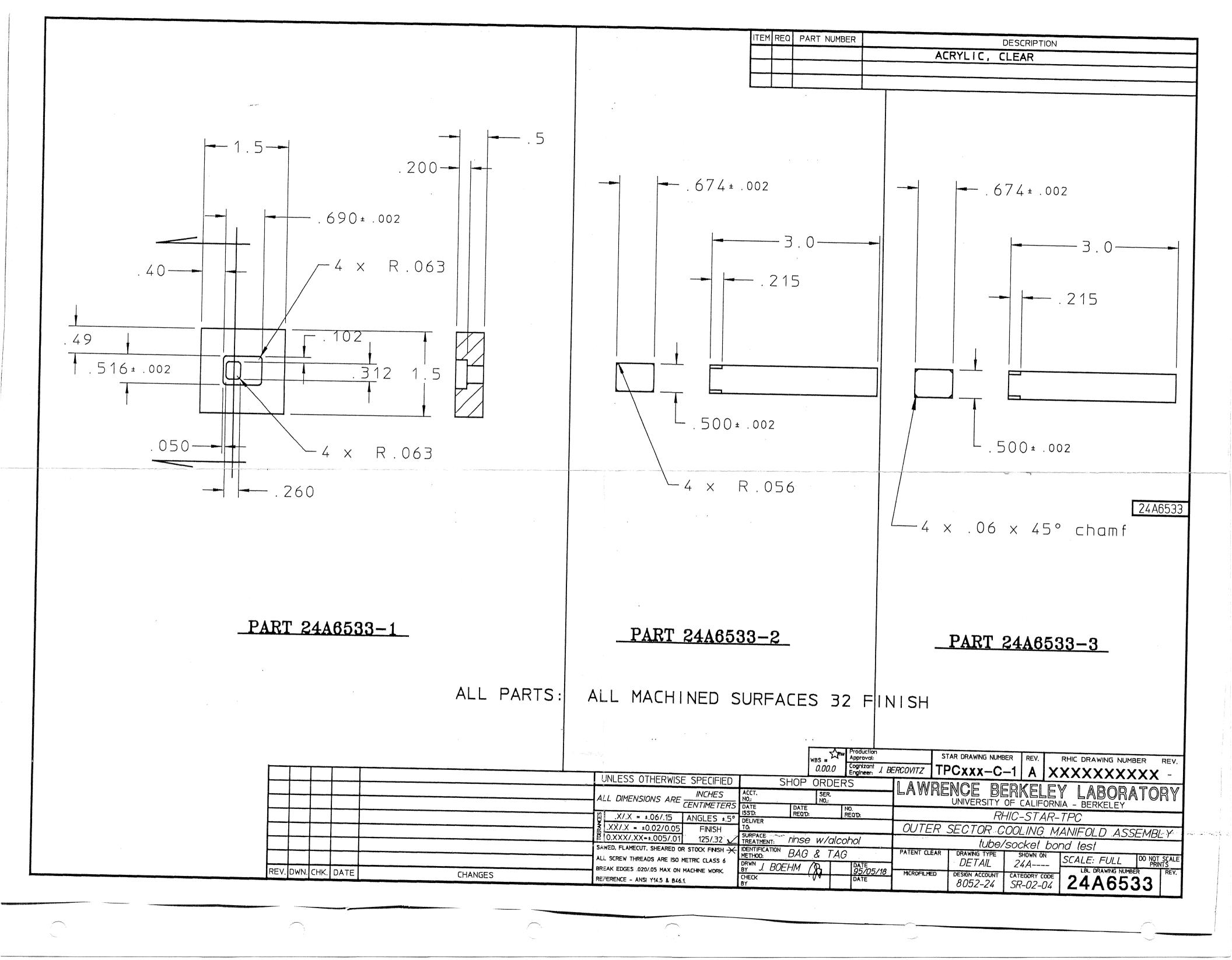
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022385

BALANCE DUE:

750.71

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REPRINT

Invoice No. 2165

Date 5/12/95

Page 1 of 1

3745 25th AVENUE • SCHILLER PARK, IL 60176 (708) 928-1500 FAX: (708) 928-2509

INVOICE

Terms NET

Bill-To Customer

LAWRENCE BERKLEY LAB 1 CYCLETRON BLDG 77/125 BERKLEY, CA 94705

Account 022385

A service charge equivalent to 1½ % per month (18% per annum) will be added to all invoices past 30 days.

BALANCE DUE:

489,60

Return top portion with your check payable to: BELLATE EXPRESS

Date Bill No. PO# / Sender Name & Address

Sent-To Name & Address

Service(s) Pieces Weight Charges

5/03/95 1014811 P.O.# LBL 80502-24

Note: JERRY HOFFMAN UNIVERSITY OF TEXAS

2200 COMAL

AUSTIN, TX 78722

JOHN WORTHY

LAWRENCE BERKLEY LAB

1 CYCLETRON

BLDG 77/125

BERKLEY, CA 94705

Door/Door

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Lawrence Berkeley Laboratory STAR Project Office (510)486-6546 MS 70A-3307

MEMORANDUM

Date:

May 10, 1995

To:

Tom Ludlam

From:

Pam Henderson and Bill Edwards

Subject:

Wayne State University Scope of Work Change

Within a couple of weeks you should be receiving from Wayne State University a revised MOU indicating their scope of work changes and a notice to reduce their funding allocation. The scope of work change that should be referenced in the revised MOU is section I. A. Task 1: WBS 4.2.4.1. As stated in the original MOU 54 sector backers were to be provided to LBL. It was later decided that LBL would do the machining, so the MOU should be modified to reflect that 2 prototypes and 24 rough machined backers have been delivered to LBL.

As of April 30, 1995 Wayne State has expended \$40,112.41 of the \$84,000 allocated to them in FY94 for the aforementioned task. This leaves \$43,887.59 in remaining funds, and this is the amount that the Wayne State University funding allocation should be reduced.

Please contact Pam Henderson if there is a discrepancy between the information provided above and the revised MOU you receive from Wayne State University , or if you have any questions.

cc:

R. Wells

STAR Project Files

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April 26, 1995

J.S. MAT

University of California Lawrence Berkeley Lab #1 Cyclotron Rd. Berkeley, CA

Attn: Mr. Doug Morton

Mechanical shop - 486-5179

Dear Doug:

Persuant to our telephone conversation of 4/24/95, our delivery on the following material will be approximately June 5, 1995. We are expecting material to arrive the last week in May.

26 Pcs. 3.500 6061T651 Plt. 25.250 x 27.500 \$635/Ea. = 17, 14 5.00 +.030 Cut Tolerance -.000

I will need a P.O. number from you as soon as possible to allocate the material for you.

If you have any questions, please call at your convenience.

Yours very truly,

Bill Tomlin

BT:jk





Lawrence Berkeley Laboratory 1 Cyclotron Road Berkeley, California 94720

(415) 486-4000 • FTS 451-4000

FACSIMILIE TRANSMITTAL

PURCHASING

FAX (510) 486-4380

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TO:	Lieb W.	DATE:	3/28/95
COMPANY:	LRC	FAX;	3/28/15 1105
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FRUM: ABF PRICING DEPT.

03-27-95 16:19 p. 1 of 1



ABF Freight System, Inc. Rate Quotation



Rate Quoto 153 950327.1653-17

Attention: ATTN Date: 03/27/95

Shipper:

HOUSTON, TX 77033

Consignee: LAWRENCE LIVERMORE LABS

BERKELEY, CA 94720

Acct: 000000 Term: 270 Direct

Acct: 014353 Term: 153 Direct

Advertised LTL Service: 5 Days (Excluding Sat, Sun and Holidays)

Payment Lerms: Collect Tariff: ABF504

ALUMINUM BAR PLATES CLAO 2150 697.68 Totals 2150

Thank you for calling ABF. Pickup arrangements may be made by contacting ABF at 713-644-0585.

Note: This quote is based on information you provided. The actual charges will be determined by actual shipment characteristics and any special



BERCOVIT	2	70A 3307	DR HOFFMANN	BLDG. ROOM	NOTIFY	EXTENSION	HOLD FOR
BERCOVI 1	'Z	8052-24-1	AMOUNT OF P.O. 27,424.80		1812200	1167 75	DEPT. I.D./J.O
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BALL BUYER	238 CODE	5956402	SELLER CODE	82/17/9	5 ELM	FROM RECEIPT OF INVOICE WHICHEV O - 1/4% 10TH & 25TH 1 - 1/4% 10 DAYS A - 1/4% 15 DAYS	
RATED ORDER	CERT. UNDER D.P.A.S. REG.	This is a rated order certifie and you are required to follow Defense Priorities and Allocat CFR Part 350.	w all the provisions of the	W	ODED)	B - 1/2 20 DAYS C - 1/2 10TH & 25TH 2 - 1/2 10 DAYS 9 - 1/2 10TH PROX. D - 1/2 15TH E - 1/2 20 DAYS	G - 2% 15TH 5 - 2% 10 DAY: H - 2% 20 DAY: 6 - 2% 30 DAY: 7 - NET 30 DA 8 - AS SHOWN

TOTHE TRIDENT CO 3101 LONGHORN BLVD AUSTIN TEXAS 78759 **UNIVERSITY OF CALIFORNIA**

FOR CONTRACT NO. W-7405-ENG. 48 OR CONTRACT NO. DE-AC03-76SF00098 WITH THE DEPARTMENT OF ENERGY PURCHASE ORDER COPY 3

To: Requisitioning Department USE - INFORMATION COPY DISPOSITION - DESTROY

DO NOT CONTACT SELLER FOR INFORMATION CALL PURCHASING DEPT., BERKELEY EXT. 4571, OR LIVERMORE EXT. 2-9548

SAE BELOW

CONFIRMING TELEPHONED ORDER TO TOM SHUGART ON 32/1 /95 DO NOT DUPLICATE

ITEM I	O. LAB CATALOG NO	i -		SHIPPING POINT	_	4.	PROMINED DE
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4	ALUMINUM P	LATE . STUE X 6	X 48" LG	80 £ a	45.71 EA	3,656.80	02/23/9
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The Terms and Conditions On The Reverse Side Constitute A Part Of This Order

Authorized by__

UNIVERSITY OF CALIFORNIA

RL-2354 (REV. 4-91) 7600-64288

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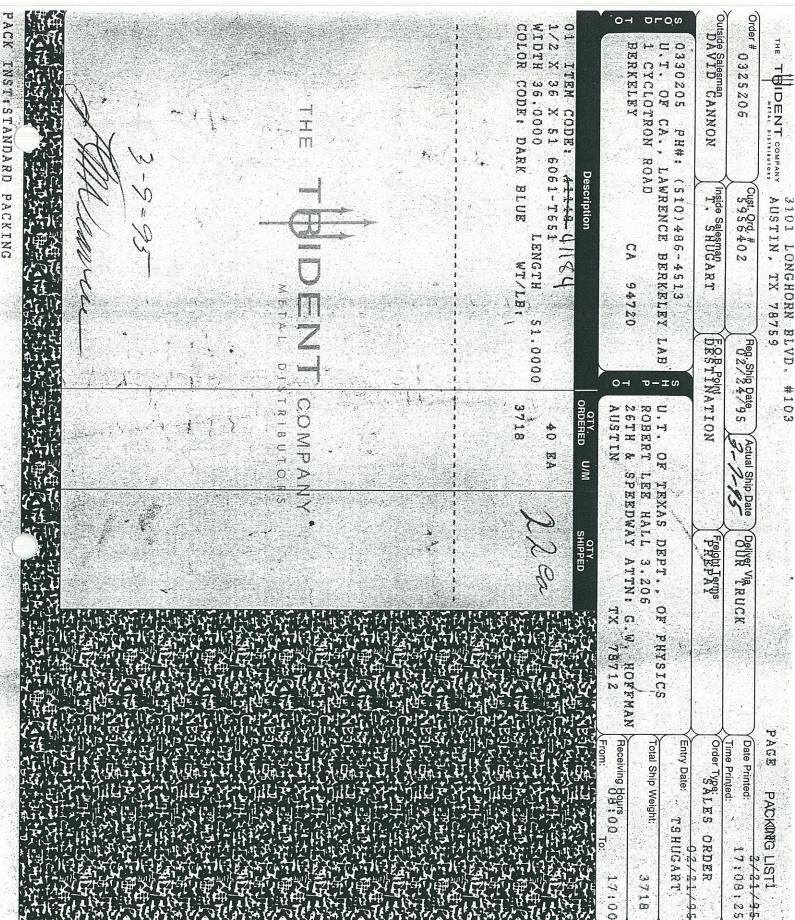
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Time Printed: 13:39:40	OUR TRUCK	Req. Ship Date 03/03/95 7-/4-95	Cust. Ord. # Req. 0:	Order # 0325689
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Date Printed: 3.09.95	UCK	Date Deliver Via	Date Actual Ship Date	Req. Ship	Cust. Ord. # 5 9 5 6 4 0 2	Order # 0325866
PAGE PACKING LIST			#103	RN BLVD. 78759	AUSTIN, TX	THE THIDENT COMPANY

BERGER/AUSTIN

AGENT FOR ALLIED VAN LINES

FAX TRANSMITTAL COVER SHEET

FOLLOWING ARE 4 PAGE(S) INCLUDING COVER SHEET
TO: R.P. WEZLS
LAWRENCE BERKELEY LAB
70 A - 3307
DATE: 4-7-95
COMMENTS: PAST DUE INVOICE, CUST STATEMENT,
AND BILL OF LADING WITH FREIGHT BILL.
MAIL PAYMENT ATTN: SOPHIA WORN
THANK YOU
THANK YOU
THANK YOU 5.D. IF YOU HAVE ANY QUESTIONS OR CONCERNS, PLEASE CALL (512) 834-7777 OR (800) 580-2374 OR (800)876-2374. BERGER TRANSFER & STORAGE 3206 INDUSTRIAL TERRACE
THANK YOU 5.D. IF YOU HAVE ANY QUESTIONS OR CONCERNS, PLEASE CALL (512) 834-7777 OR (800) 580-2374 OR (800)876-2374. BERGER TRANSFER & STORAGE
IF YOU HAVE ANY QUESTIONS OR CONCERNS, PLEASE CALL (512) 834-7777 OR (800) 580-2374 OR (800)876-2374. BERGER TRANSFER & STORAGE 3206 INDUSTRIAL TERRACE AUSTIN, TX 78758 FAX: (512)834-0539 BEST REGARDS,
IF YOU HAVE ANY QUESTIONS OR CONCERNS, PLEASE CALL (512) 834-7777 OR (800) 580-2374 OR (800)876-2374. BERGER TRANSFER & STORAGE 3206 INDUSTRIAL TERRACE AUSTIN, TX 78758 FAX: (512)834-0539



REYNOLDS ALUMINUM SUPPLY COMPANY

REYNOLDS METALS COMPANY

AWRENCE

LIVERMORE

4/24/95

SUBJECT: YOUR INQUIRY

FAX 510/486-5179

REYNOLDS REF. NO..

Reynolds Alurninum Supply Company ("Seller") is pleased to submit its quotation to Buyer as follows:

ITEM !

DESCRIPTION

QUANTITY : UNITPRICE : AMOUNT

6061-7651

3/2 × 25/4 × 27/2

× 17,234.39

NOTE

August

AT

DELEVERY

THIS QUOTATION IS SUBJECT TO CHANGE OR CANCELLATION AT ANY TIME WITHOUT NOTICE AND SHOULD THEREFORE BE HECONFIRMED PRIOR TO PLACEMENT OF CROER.

PACKING:

ESTIMATED SHIPMENT AFTER RECEIPT OF ORDER:

PAYMENT TERMS (FROM INVOICE DATE) SUBJECT TO APPROVAL OF TREASURER:

DELIVERY TERMS: (See Para, 11 Reverse Side);

END USE:

Should you have any questions concerning this quotation or should you wish to place an order please contact the undersigned.

TERMS AND CONDITIONS PRINTED ON RE-VERSE SIDE OF THIS SHEET, AND ANY ATTACHMENT HERETO, CONSTITUTE A PART OF THIS PROPOSAL.

R-790-13 (REV. 4-87)

INVOICE - STATEMENT

732 PØ2 APR 07 '95 08:53

Make Checks Pavable & Remit to: BERGER/AUSTIN 3206 INDUSTRIAL TERRACE BLVD AUSTIN, TX 78758 (800) 580-2374

376993

#: 940066113 12/08/94

INVOICE TO:

ATTH: R.P. WELLS

LAWRENCE BERKELEY LAB 1 CYCLOTRON RD. BLDG 77

ASSEMBLY AREA BERKELSY, CA 94720 CEST #:

000027022

TARIFF:

LOAD DATE: 11/22/94

P.O. J:

B/L:

1361032

TARIFF SECT: DELY DATE:

11/30/94

Coatract #:

5500

SHIPPER:

HOFFRANH, DR. JERRY U.T. PHYSICS DEPT.

. BLDG 3.206

24TH & SPEEDWAY AUSTIN, TX 78712

LAVRENCE BERRELEY LAB I CYCLOTRON RD BLDG 77

ASSEMBLY AREA BERKELEY, CA 94720

TRANSPORTATION CHARGES

MILES: 1718

، در

TOTAL WEIGHT:

AS WEIGHT:

560

CHARGES

DESCRIPTION

TRANSPORTATION CHARGES

423.76

MYESSORIALS

MISC CHARGES

LOCAL P/U CHGS.

150.00

CONSCIPLES.

Total Charges Due

573.76

150.00

Late Payment Charges After 30 Days

10.00

Total Charges Due With Late Charge

583.76

PAST DUE FINAL NOTICE

BERGER Agent for Allied Van Lines ®

ECUSTOMER-STATEMENT

Please Remit To: BERGER/AUSTIN 3206 INDUSTRIAL TERRACE BLOD AUSTIN, TX 78758

LAURENCE BERKELEY LAB 1 CYCLOTRON RD. BLDG 77 ASSEMBLY AREA BERKELEY, CA 94720 CUSTOMER #:

27022 03/24/95

PAGE:

1

A Review of Your Account Indicates the Following Invoice(s) are Over 30 Days:

Shipper Name: HOFFMANN, DR. JERRY

Reference Invoice # Date 0 - 30 31 - 60 61 - 90 Over 90 Balance BL1361032 940066113 12/08/94 573.76 573.76

Total for Shipper:

573.76

Total Due Over 30 Days:

573.76

Should You Require Further Information, Please Contact the Credit Department at (800) 678-3980

Please Remit To: BERGER/AUSTIN 3206 INDUSTRIAL TERRACE BLUD AUSTIN, TX 78758

LAURENCE BERKELEY LAB 1 CYCLOTRON RD. BLDG 77 ASSEMBLY AREA

CUSTOMER #: DATE:

27022 02/28/95

PAGE:

BERKELEY, CA 94720

A Review of Your Account Indicates the Following Invoice(s) are Over 30 Days:

Shipper Name: HOFFMANN, DR. JERRY

0 - 30 31 - 60 61 - 90 Over 90 Balance Reference Invoice # Date 573.76 940066113 12/08/94 BL1361032 573.76

Total for Shipper:

10.00

Total Due Over 30 Days:

573.76

583.74

Should You Require Further Information, Please Contact the Credit Department at (800) 678-3980

ATTN: John Mehren

From Russ Weus

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PURCHASING

7600-70787 RL-2350-B (Rev. 4/88)

LAVARENCE BERKELEY LABORATORY FOR CONTRACT NO. DE-AC03-76SF00098 WITH THE DEPARTMENT OF ENERGY

2028 Centimeter Circle Austin TX 78758 Vendor: Austin Bolt Co

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Purchase Order#	ler#	Page	
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This purchase order number MUST appear on all invoices, packing lists, carrons and correspondence related to this order.	er numbe sking lists se relatec	r MUST appear cartons to this order.	E-2
Date of Order	Buyer		
09-MAR-95	J MEHREN	HREN	
Revision Date	Buyer		

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Ven	Vendor Contact	agan		Requester / Deliver to WEIDENBACH, 1	RICHARD C.		FOR RESALE-State Sales Tax should not be charged, as the University holds State Sales Tax Permit SR CH 21-835970 for deliveries to Lawrence Berkeley Laboratory.	Tax should not be charg s Tax Permit SR CH 21- 3erkeley Laboratory.	ed, as the 835970
LINE	EN EN	(PART NUI	(PART NUMBER/DESCRIPTION	DELIVERY DATE	QUANTITY UNIT	TIND	UNIT PRICE	EXTENSION	TAX
S	Ship to: G.W.Hoffmann, Dept. of Physics, UoT,	Dept. o	f Physics, UoT, Austin, TX.	Send copy	of packing	Jist Jist	to: John Mehren	an at LBL.	
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н	Washer, Flat, STL, Plated, 1/2" ID.	Plated,	1/2" ID.	20-MAR-95	3.0	A	5.39	16.17	×
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01	Washer, Flat, STL, Plated, 1/4" ID.	Plated,	1/4" ID.		26.0	<u>A</u>	1.07	27.82	z
m	Screw, Hx Hd STL, Plated, 1/2-13 UNC x 0.75" lg.	Plated,	1/2-13 UNC × 0.75"		3.0	<u>A</u>	13.78	41.34	z
	Screws to be Zinc plated only.	plated o	nly.						
	All Hx Hd screws are grade 2 (grade 5 ok).	re grade	2 (grade 5 ok).						

Authorized by

UNIVERSITY OF CALIFORNIA

Continued

-Requester's copy-

LAVARENCE BERKELEY LABORATORY FOR CONTRACT NO. DE-AC03-76SF00098 WITH THE DEPARTMENT OF ENERGY

Vendor: Austin Bolt Co 2028 Centimeter Circle Austin TX 78758

SHIP TO:

*** See Body of Order ***

MAIL INVOICE IN DUPLICATE TO

UC Lawrence Berkeley Lab Accounts Payable Dept PO Box 528 Berkeley CA 94701

UNIVERSITY OF CALIFORNIA:

e Order		a			
Purche	er# Page	pber MUST ap lists, cartons ated to this ord	Buyer	J MEHREN	Buyer
	Purchase Order#	This purchase order on all invoices, pact and correspondence	Date of Order	09-MAR-95	Revision Date

								The state of the s	
Custo	Customer Account	Vendor No.	Payment Terms	Transportation Terms	_	F.O.B.		Ship Via	
		102804	Net 30 Days	Acct. of Seller		Destination	ation	Best Way	
Vendo	Vendor Contact Alon Morgan	gar		Requester / Deliver to WEIDENBACH,	RICHARD C.		-OR RESALE-State Sales Tax should not be cl University holds State Sales Tax Permit SR CH or deliveries to Lawrence Berkeley Laboratory.	FOR RESALE-State Sales Tax should not be charged as the University holds State Sales Tax Permit SR CH 21-835970 for deliveries to Lawrence Berkeley Laboratory.	ged, as the -835970
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Ŋ	Screw, Hx Hd STL, I lg.	Plated, 1	STL, Plated, 1/4-20 UNC x 1.25"		7.0	<u>A</u>	4.35	30.45	z
9	Screw, Hx Skt Hd, 8	STL, 1/4-	Hx Skt Hd, STL, 1/4-20 UNC x 0.75" lg.		11.0	8	9.24	101.64	z
	All Hx Socket Hd se	crews are	All Hx Socket Hd screws are series 1960 (Black Oxide	le OK) .					
7	Screw, Hx Skt Hd, 8	STL, 1/4-	Hx Skt Hd, STL, 1/4-20 UNC x 1.25" lg.		3.0	A	11.76	35.28	z
∞	Bolt, Lag, Hx Hd STL, Plated, 1/4 x 2 1/2"	TL, Plate	ed, 1/4 x 2 1/2" lg.		5.0	<u>A</u>	6.72	33.60	z
თ	Nut, Hx STL, Plated, 1/4-20 UNC.	d, 1/4-20	UNC.		7.0	<u>A</u>	2.55	5 17.85	z

-ya

UNIVERSITY OF CALIFORNIA

332,55

TOTAL:

-Requester's copy-

The Terms and Conditions Attached Constitute A Part Of This Order

Authorized by __

Cost or Effort Transfer

Date: January 31, 1995

4940

Ext:

To: Fin nance and Accounting

From: Mary Clary

Division: Engineering Please transfer the cost/effort shown below. The justification is:

Transfer of effort dropouts to the correct accounts.

Approvals:

Up to \$2,000 or up to 50 hours

\$2,000 to \$30,000 or 50 to 750 hours

≥\$2000 for 4300, 4800, 8000 Accounts

\$30,000 and over or 750 hours and

Division Director

Authorized Signature

Sponsored Research Officer

Manager, FM/Budget

	0.07wm				\$479.81						Totals
Nov. '94	0.01 wm	9142			9.20	Support Burden	80			3598-01	8052-24
Nov. '94	0.01 wm	9142-42	175425	Converse	55.78	Labor	4			3598-01	8052-24
Nov. '94	0.02 wm	9142			18.41	Support Burden	80			3598-01	3150-99
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Nov. '94	0.02 wm	9143			25.72	Support Burden	80			3598-01	3150-99
Nov. '94	0.02 wm	9143-18	483575	Kleist	155.87	Labor	11			3598-01	3152-12
Nov. '94	0.02 wm	9144			14.63	Support Burden	80			3598-01	3614-13
Nov. '94	0.02 wm	9144-10	342732	Groves	88.64	Labor	1			3598-01	3614-13
Date of Original Entry	Effort (specify hrs or wm)	Payroll Acct.	Employee Number	Trip, PO No., or Employee Surname	Dollar Amount	Description to be Used in Detail Ledger	Exp. Type	From Job Order No.	To Job Order No.	From Account	To Account
ıagı	Manager, rM/ buager	Mailag									

1. Information must be provided in the same level of detail as originally recorded (e.g. Detail Ledger, Effort Report).

2. Labor cost corrections must be accompanied by effort corrections. CC: C.R. Adams, F.S. Goss, G.L. Petit, D.J. Rondeau, M.E. St. Hill, R. Wells

Printed By: Russ Wells 1/18

1/18/95 4:10 PM

From: vahe@microp.physics.ucla.edu (1/12/95)

To: HHWieman@lbl.gov, Russ Wells

CC: BCC:

Priority: Normal

Page: 1

Date sent: 1/12/95 6:53 PM

Mail*Link® SMTP

List of required VME equipment for Gating Grid Driver.

Hi Russ, here are the items we need to setup a VME development station for TPC gating grid driver hardware and its corresponding EPICS based control software: (most of the information that follows was obtained by consulting with Steve Lewis and from the vendors/catalogs).

1) 20 slot VME chassis, mono backplane (J1+J2), autochaining, 750 watts power supply dimensions: 9U*84HP*483
Schroff part number 13890-485
7702

(this part number was given to me by Steve Lewis and it may not be valid since I was unable to locate it in the Schroff's current catalog, but you may mention to Schroff people that we want the same type of VME crate that was ordered by LBL by this P/N). (approximate cost \$4 k)

- 2) Motorola VME single board computer based on 68040 processor running at 33 MHz, with 8 Mbytes RAM. Motorola P/N MVME167-032. (cost \$5,495)
- 3) Motorola transition module for MVME167-032: P/N MVME712M. (cost \$395)

Additionally we may need 2-3 VME modules (e.g., A/D, D/A and Digital I/O boards) but at this time we have not decided on this yet. Will let you know later.

Sincerely, Vahe

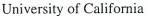
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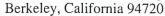
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Lawrence Berkeley Laboratory







(510) 486-4000 • FTS

April 12, 1995 PM95-150

United States Department of Energy OAK Operations Office 1301 Clay Street Oakland, CA 94612 Attn: R. Gourley

Subject:

Shipment to University of California, Los Angeles (Loan 9L950405)

Dear Ms. Gourley:

Russ Wells, of the STAR Project, with the Nuclear Sciences Division, has reviewed the Interim Guidelines for Control of High Risk Property, the Militarily Critical Technologies List, the NSG Trigger List, and the Interim Guidelines on Export Control and Nonproliferation to determine if any of the property he is loaning to UCLA was listed, and it was not. The property is not radioactive and does not present a nuclear proliferation concern.

The property is an MVME 167-032 single board computer and transition module manufactured by Motorola, and a 13890 485 20 slot VME chassis, mono backplane manufactured by Schroff and will be used by Vahe Ghazikhanian of the Department of Physics, UCLA, for use in the construction of the STAR TPC gated grid drivers and returned to LBL when the drivers are complete.

Mr. Wells has signed below indicating his review of the above mentioned documents and his verification that none of the property meet the criteria of the four documents.

Your expedited approval is greatly appreciated. Thank you.

Mr. Wells

Date

Sincerely,

Gavin M. Robillard Property Manager

GMR:ktl

(3)

LOAN FILE SUMMARY

Date: 3/24/95	File N	0(9L 950405
PROPERTY LOANED		
DivisionNuclear Sc		ry Ext. 4453
Department/Group	FAXED TO PROP. MGMT (TINA X.6769)	
Employee Coordinating	MGMT (TINA X. 6769)	Ext
User Account Number	3/24	
Method of Shipment _	QS.	
PROPERTY LOANEE	,	
Person responsible for	propertyVane Gnazikhanian	
Phone Number310	-825-1515	Fax 310-206-5668
Property Managment	Contact	
Name of organization	University of California, Los An	geles (UCLA)
Address	tment of Physics, Knudsen Hall Room	
Phone Number		
Government Contract	Grant No. STAR Project MOU with UCL	Α
Project Name STAR	Project, TPC Gated Grid Drivers (W	BS 4.2.3.2.6)
Expected Return Date	April 1, 1996	
Purpose of Loan of the STAR	Equipment will be use in the TPC gated grid drivers and returned	construction to LBL
when the dri	vers are complete.	
Property to be Loane	d: 1 Motorola MVME 167-032 Singl	<u>e board compu</u> ter
	1 Motorola MVME 712M Transiti	on module
	hroff 13890 485 20 slot VME chassis	s, mono backplane,
[] Chemical	tochaining, 750-Watt power supply. At least one box must be checked: [] Laser	[] Other Hazards
[] Radiological	[] Microwave [] X-Ray	(x) No Hazards
Close Date:	Met	hod:

LOAN FILE SUMMARY

Date: 3/24/95 File No 9L 95 64 05	
PROPERTY LOANED BY:	
Division Nuclear Science Div. Adm. Meredith Montgomery Ext. 4453	
Department/Group	
Employee Coordinating Loan Ext	
User Account Number 8052-24	
UPS .	
Method of Shipment(AT NO COST TO LBL)	
PROPERTY LOANED TO:	
Person responsible for property Vahe Ghazikhanian	
Phone Number 310-825-1515 Fax 310-206-	5668
Property Managment Contact	
Name of organizationUniversity of California, Los Angeles (UCLA)	
Address Department of Physics, Knudsen Hall Room 1 129	
405 Hilgard Ave., Los Angeles, CA 90095 Phone Number	
Government Contract/Grant No. STAR Project MOU with UCLA	
Project Name STAR Project, TPC Gated Grid Drivers (WBS 4.2.3.2.6)	
Expected Return Date April 1, 1996	
Purpose of Loan Solution of the STAR TPC gated grid drivers and returned to LBL	
when the drivers are complete.	-
Property to be Loaned: 1 Motorola MVME 167-032 Single board computer	\$ 549
1 Motorola MVME 712M Transition module	395
1 Schroff 13890 485 20 slot VME chassis, mono backplane,	\$4000
autochaining, 750-Watt power supply. HAZARD REVIEW - At least one box must be checked. [] Chemical [] Laser [] Radiological [] Microwave [] Other Hazards [] Biological [] X-Ray [X] No Hazards	
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Allied Metals Incorporated

HOUSTON P.O. BOX 230829 - 77223-0829 2220 CANADA DRY

PHONE 713/923-9491 800/281-8890 FAX 713/923-5224

TULSA 2930 N. FLORENCE - 74116

PHONE 818/832-1900 800/876-5264 FAX 918/638-7647

To: University of California Cownered Benkely LAB

No.

DATE: 3/20/9/

SUBJECT:

Atta Rich Windenbach

In reply to your inquiry we quote the following prices: 5/0-486-7/05

8019 \$ x 6' FLAT BAR 606 (-T6 2140,0 Aun x 32 1/4 "00 p \$ x 6 x 48 4 " DITTO 80m 3/4 x 1 x 46 DITTO 80 pc

PRICES SUBJECT TO CHANGE WITHOUT NOTICE MATERIAL WILL BE INVOICED AT PRICE IN EFFECT AT TIME OF SHIPMENT ALL STOCK ITEMS SUBJECT TO PRIOR SALE

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WE THANK YOU FOR YOUR INQUIRY, AND HOPE TO BE OF SERVICE.

YERY TRULY YOURS.

ALL QUOTATIONS AND AGREEMENTS ARE CONTINGENT UPON STRIKES, ACCIDENTS, DELAYS OF CARRIERS AND ALLIED METALS, Incorporated OTHER CAUSES BEYOND OUR CONTROL ALL QUOTATIONS ARE MADE FOR PROMPT ACCEPTANCE.

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						CARRIER	DELIVERY RECEIPT	NUMBER
НА	ZARD REVIEW	 V - Enter one of the let C. Chemical R. Radiological 	tters in the box below L. Laser M. Microwave	S. Service Contracts O. Other Hazards				
		B. Biological	X. X-Ray	N. No Hazards				PROMISED DELIVERY TO CARRIER
SHIP BY				SHIP FROM		F.O.B.		
100	A A SECTION							
		ITEM. SPECIFIC	CATIONS CATALOG REFERENCE		QUANTITY	UNIT PRICE	.TOTAL PRICE	AS ORDERED
		ITEM, SPECIFIC	CATIONS, CATALOG REFERENCE	<u> </u>	QUANTITY	UNIT PRICE	TOTAL PRICE	AS ORDERED
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1.	RICHE 2021	YCYPRESS NO. CAPITO OSE, CA 9 5	ST SOCKET STRIPS S - G			UNIT PRICE	TOTAL PRICE	AS ORDERED AS ORDERED
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1.	# S S RICHE 2021 SAN JO (408) ATTN.	YCYPRESS NO. CAPITO OSE, CA 95	ET SOCKET STRIPS S - G			UNIT PRICE	TOTAL PRICE	AS ORDERED AS ORDERED

PROCUREMENT CHECKLIST FOR PURCHASES MADE ON SPONSORED RESEARCH AGREEMENTS

F	Purchase Re	138800	Buyer:	E. Co	nverse		
Ι	Description:	SAMTEC sockets	trips	Amoun	t: <u>21</u> 6	5.00	
Ι	Division: N	SD		Accoun	t No.:	8052-24	
I	NSTRUCTIO	ONS TO BUYER:					
	The Office of Sponsored Research Administration is to check the items below and sign this document prior to processing the following types of requisitions:						
		48xx, and 8xxx.	sactions over \$500 University transact 8xx, and 8xxx				
1.	Requisitio	n is approved as wi	thin authorized sco	ope of w	ork		
2.	Title ultim	nately passes from S	eller to:				
		DOE				X	
		Other Federal Agen	су				
		UC					
		Private					
3.	At time of	purchase, does title	pass to Federal?		Yes	X No	
4.		on issued on State of ad requisition is over			Yes	No	X
5.	conditions	terms or unusual sp to be included in su es, send copy of P.C	bcontracts or purc	hase	Yes	No	X
6.	If yes, and	on for ADPE and ove title passes to the fed om Office of Compu	deral government,	obtain	Yes	No	X
AJ	oproved by:	Mulearthy Nuclear Science Divi	Moxtonice ision Administrato	or	Date	125/95	

RE	OUESTERS. CHOW	BLDG. 825AM - 119	DEL'SEFCHOW	25A - 131	NOSTEVEN C	CHOWSION 5948	HOLD FOR/J.O.
(P	PW BENCOVIZ	ACCO8052-24	AMOUNT OF P.O.		STAT. CODE	138740	
/_/	THORIZATION \$10,000 DYER CODE		OVER 1723795	DAJEN	17 95	UNIVERSITY OF	CALIFORNIA
C 5	OST NOT TO 12-469.60			TERMS:		PURCHASE R FOR CONTRACT NO. 1	DE-AC03-76SF0009
9)	SHADED AREA FOR PURCHAS	ING USE ONLY.				DEPARTMENT	OF ENERGY
	SELLER					AST COPY SEND ALL OPIES TO PURCHASING	
	Street Oty			=	DATE MATERIAL RECEIVED:	PACKING LIST NO.	
	laced Date	State Contact			DATE OF INSPECTION	RECEIVAL & INSPECTION CERTIFIED BY:	DN .
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	HAZARD REVIEW - Enter one of the let C. Chemical R. Radiological B. Biological	tters in the box below. L. Laser M. Microwave X. X-Ray	S. Service Contracts O. Other Hazards N. No Hazards				PROMISED DELIVERY
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- <u>1</u>	DELIVERY: 68 PI	CITORS P/N 302C ECES - STOCK; NCE 4 - 6 WEEKS AI		2,205 EACH			
							AWRENCE BER PURCHASIN
	ATTN.: JACKIE WO	LTER (SALES)					
	METUCHEN CAPAC	TTORS, INC.					
	139 WHITE OAK LA	NE, P.O. BOX 499					
	OLD BRIDGE, NJ 08	857					
	(800) 899-6969						
REM	MARKS:			Authorized By			

PURCHASING

METUCHEN CAPACITORS, INC.

7732 Cottonwood Lane Pleasanton, CA 94588 (510)417-0450

FAX: (\$10)417-0505

January 12, 1995

PROPOSAL # 020159

University of California-Berkeley labs 1 Cyclotron Avenue; Building #25-A Berkeley, CA 94720

Attn: Steve Chow: M/S: 119

Confirming our conversations of this morning; we are pleased to submit the following proposal to University of California:

Metuchen Capacitors P/N QUANTITY UNIT PRICE

302C1812B102M

2,205 PIECES \$ 1.12 EACH

DELIVERY: 68 pieces-stock; Balance 4-6 weeks ARO.

TERMS: NET THIRTY (30) DAYS

FOB: POINT OF SHIPMENT

PLEASE ADDRESS YOUR PURCHASE ORDER TO:

METUCHEN CAPACITORS, INC. 139 WHITE OAK LANE; P.O. BOX 499 OLD BRIDGE, NJ 08857

If there are any additional questions; feel free to contact my office at (510)417-0450 or please contact Jackie Wolter-Metuchen Capacitors, Inc. Inside Sales at 1-800-899-6969.

Regards,

Mark Bulywski

Mark Bukowski Sales Engineer

Copy: Jackie Wolter-Metuchen Capacitors, Inc.

PROCUREMENT CHECKLIST FOR PURCHASES MADE ON SPONSORED RESEARCH AGREEMENTS

Purchase Re	quisition No	138740	Buyer:			
Description:	METUCHEN CAP, capacitors,	INC. SMD chip	Amount:	2,4	69.6000	
Division: N	SD	=	Account 1	No.:	8052-24	1
INSTRUCTIO	ONS TO BUYER:					
	ffice of Sponsored Re and sign this docum itions:					
	 Equipment trans 48xx, and 8xxx. R&D and Intra-U numbers 43xx, 48 	niversity transac				
1. Requisitio	n is approved as wit	hin authorized sc	ope of wo	rk		
2. Title ultim	nately passes from Se	ller to:				
	DOE	-			X	
	Other Federal Agend	ry				
	UC					
	Private					
3. At time of	purchase, does title p	pass to Federal?	i i	Yes	X No	
•	on issued on State of nd requisition is over			Yes	No	X
conditions	terms or unusual sp to be included in sub es, send copy of P.O.	contracts or pure		Yes	No	X
If yes, and	on for ADPE and ove title passes to the fed rom Office of Compu	eral government,		Yes	No	X
Approved by	Meustur XI Nuclear Science Divi	Nortgom sion Administrate	or	{l Date	125/95	

REQUESTER	BLDG & ROOM	DELIVER TO	BLDG ROOM	NOTIFY.	EXTENSION	HOLD FOR/JO
s. CHOW	25A - 119	S. CHOW	25A - 131	STEVEN C	HOW 594	В
PHROXED TO VITA	ACCOUNT NO	AMOUNT OF P.O.		STAT. CODE	138750)
AUTHORIZATION \$10,000	8052-24	OVER 🗆		En. Proposition - 5 N		
BUYER CODE		REQ DATE	DATE N	4	UNIVERSITY (OF CALIFORNIA
		1/23/95	TERMS:	3195	PURCHASE	REQUISITION
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Date	Contact					
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PHILIPS COMPON	14110		1			==
PASSIVE COMPON	IENTS GROUP		ļ			
5101 AIRPORT ROA	AD					
MINERAL WELLS,	TX 76067				<u> </u>	
TEL: (817) 325-787	1				L	
FAX: (817) 325-839	07 (SPR)					
			1			
FAX: (817) 325-105	52 (GPR)			F=FF		+
	7					
HEMARKS			60 300			
			Authorized B	у	PURCHASING	

7600-70787 RL-2350-B (Rev. 4/88)

PROCUREMENT CHECKLIST FOR PURCHASES MADE ON SPONSORED RESEARCH AGREEMENTS

Purchase Re	quisition No	138750	Buyer: _H	E. Co	nverse	
Description:	PHILIPS SMD chip 9C	resistors series	Amount:	98.	50	
Division: NS	SD		Account	No.:	8052-24	
INSTRUCTIO	ONS TO BUYER:					
	fice of Sponsored Re and sign this docum tions:					
	 Equipment trans 48xx, and 8xxx. R&D and Intra-U numbers 43xx, 48 	niversity transac				
1. Requisition	n is approved as wit	hin authorized sc	ope of wo	rk		
2. Title ultim	ately passes from Se	ller to:				
1	DOE				X	
(Other Federal Ageno	у				
ī	UC					
I	Private					
3. At time of p	ourchase, does title p	eass to Federal?		Yes	X No	
	on issued on State of d requisition is over			Yes	No	X
conditions t	terms or unusual sp to be included in sub es, send copy of P.O.	contracts or purc		Yes	No	X
If yes, and t	on for ADPE and ove itle passes to the fed om Office of Compu	eral government,		Yes	No	X
Approved by (Mudital M Juclear Science Divis		or i	// Date	25/95	• .

DELINQUENT FREIGHT BILL

URGENT - IMMEDIATE ATTENTION REQUIRED

95/01/24

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PRO DATE

VIKING PRO NUMBER

PAGE

P.O. BOX 649001, San Jose, California 95164-900 Telephone (408) 922-7200

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CONSIGNEE

WELLS RP ASY LIL

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BERKELEY

CA 94720

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0540/0533

WELLS RP * ASY LIL 4 CYCLOTRON RD BLDG 77 BERKELEY CA 94720

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ATTN JOHN MEHREN

John hn -We have recieved these plates famil Wall

PHOTO WORK STATUS: WAIT SHOP

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ETCH-TEK, INC.

2455 Bates Avenue Concord, CA 94520 Telephone (510) 671-9800 FAX (510) 671-0151

Sale Invoice

Terms: 2% 10 NET 30

Invoice # 13194

PO No.:

4707602

Sold To:

UC Lawrence Berkeley Labs Account Office Box 5001

Livermore, Ca 94550

Attention: Accounts Payable

Transaction Date: 09/29/94

Due Date: 10/29/94

Discount Date: 10/09/94

Ship To:

UC Lawrence Berkeley Labs 2700 7th St., Blds 25A, Rm 101

Berkeley, Ca 94710

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5 Pos/3 Nes.	Solder Sample				
		1.00		0.,00	0.00
and Carry	2 Boxes				
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RECEIVED ACCOUNTS PAYABLE SEP 30 94 10: 48 AM

Subtotal

6,205.00

Total Invoice

6,205.00

101 UCLBL890

Net Due

6,205.00

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7600-55438 RL 2350 (REV. 10/85)

REQUESTED BY	BLDG. ROOM	DELIVERY TO BLDG.	RM.	INOTIEY	EXT.	1///4/49
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7600-55438 RL 2350 (REV. 10/85)			Authorized B	y N (1)	WILLOW PURCHASING	

REQUESTED BY	I BLDG. ROOM	DELIVERY TO BLDG.	RM.	I NOTIFY	EXT.	HOLD FOR ACCT/J.O.
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REMARKS:						

7600-55438 RL 2350 (REV. 10/85)

Authorized By _____PURCHASING

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1 NE ME ST SINTER STORE 3. INCUM NOTH FORT FORM HE CACT # 1290 - CX 27 2. HS TREND VET TOWN CAPACITY 5 31.96 169 75 TOWN CASTEDYE - FLACE HE SACT #511.26 A 487.75 REMARKS: 1700-5408 REMARKS: 12200 FEW 1005)	ITEM NO. LAB CATALOG NO.	ITEM SPECIFICATIONS		OHANTITY	LIMIT DDICE	TOTAL PRIOR	QUANTITY ACCEPTED		
2 INCULLIATION 150 FT FORL 118 CART #9380-1427 2 HS TRENAL SET TRUBUS CURACITY 5 31.98 159.75 118 SACT #511.26 A 487.75 REMARKS. 700-54381 700-54381 700-54381 700-54381 Authorized by J.	IF APPLICABLE	1		QUANTITY	UNIT PRICE	TOTAL PRICE	AS ORDERED		
HE (ACT #9280-0/27 ———————————————————————————————————	MI WIK KE	THETTER VAIC	<u> R</u>	<u>B</u>	91.	221			
Z HS TROKAL ST TRUBUE CARACITY 5 31,96 169. TEMPS CASTEDICE — FLACK HC SACT #51(26 A 487.75 C O 3 NH REMARKS: 700.55139 REZSO(REVIOLES) Authorized By #h 1 4 &	36 later	Whom IFO	F Park						
Z HS TROKAL ST TRUBUE CARACITY 5 31,96 169. TEMPS CASTEDICE — FLACK HC SACT #51(26 A 487.75 C O 3 NH REMARKS: 700.55139 REZSO(REVIOLES) Authorized By #h 1 4 &	UP GOT	#9700-N	77						
REMARKS: 780055489 78005649 780056180 78005618									
REMARKS: 780055489 78005649 780056180 78005618									
REMARKS: 780055489 78005649 780056180 78005618	2 HE TESHA	VIST TOURIS	CARACITY	5	31.95	104.15			
HC \$A65 #516.26 A \$487.73 CO 3 NA REMARKS: RE 2350 (REV. 10/85) Authorized by #A & & & & & & & & & & & & & & & & & &					77-7				
REMARKS: 7600-55438 Rt. 2350 (REV. 10785) Authorized By			enu-			1007	gg-market		
7600-55438 RL 2350 (REV. 10/85)	HI JAKT	#5/626 A				401.15			
7600-55438 RL 2350 (REV. 10/85)						63			
7600-55438 RL 2350 (REV. 10/85)			pr (700			200		
7600-55438 RL 2350 (REV. 10/85)			-4			100			
7600-55438 RL 2350 (REV. 10/85)		ļ	-1-F				2000 C		
7600-55438 RL 2350 (REV. 10/85)			~	4					
7600-55438 RL 2350 (REV. 10/85)				3					
7600-55438 RL 2350 (REV. 10/85)			-C	NA					
7600-55438 RL 2350 (REV. 10/85)		ļ		e () 11					
7600-55438 RL 2350 (REV. 10/85)									
7600-55438 RL 2350 (REV. 10/85)						,			
7600-55438 RL 2350 (REV. 10/85)		1				-/			
RL 2350 (REV. 10/85)	REMARKS:				les 1	7-1-1			
TOTOLICATO			1	Authorized B	y 10 h	PURCHASING	Ll.		

94/07/18 TO PAUL WYATT, BMC FROM JOHN BENCOVITZ, LBC ALL SAMPLES PROVIDED BYOYOU, LABERED API THRU APTO INCLUSIVE, SATISFY LEC'S REQUIRE-MONTS AS TO BROMING LEVEL.

John Boncourtz

REQUES		BLDG. & ROOM	DELIVER TO:	BLDG. ROOM	NOTIFY	EXTENSION	HOLD FOR/J.O.
R.	WELLS	70A/3307	J. Beercovitz	70a/3307			
APPROV	/ED BY	ACCOUNT NO.	AMOUNT OF P.O.		STAT. CODE	REQ. NO.	
P	. Wells(sof)	8052-24	\$150.00		1813203	733886	
AUTHO	RIZATION \$10,000	\$50,000					
BUYER	CODE	ORDER NO.	REQ. DATE	DATE N	IEEDED	UNIVERSITY O	CALIFORNIA
M	EHREN-535	28101a2	6/21/94	6/22/94		PURCHASE F	REQUISITION
COST	NOT TO			TERMS:		FOR CONTRACT NO.	
EXCEE	D			7		WITH	
						DEPARTMENT	OF ENERGY
SHA	DED AREA FOR PURCHAS	SING USE ONLY.				REQUISITION	ER COPY
	CALCOAST ANA	LYTICAL					
SELL	ER						
	4072 WATTS ST	REET					1
Stree	ı				DATE MATERIAL RECEIVED:	PACKING LIST NO.	
	EMERYVILLE	CA			6/22/94	NO SLI	P
City		State					
Place	6/21/94	R. HAFFNE	A 510-652-2979		DATE OF INSPECTION	RECEIVAL & INSPEC CERTIFIED BY:	TION
riace	Date	Contac	t				
					6/22/94	J. BOEHN	
					CARRIER	DELIVERY RECEIPT	NUMBER
	HAZARD REVIEW - Enter one of the				LBL		
	C. Chemical R. Radiological	L. Laser M. Microwave	S. Service Contracts O. Other Hazards				
	B. Biological	X. X-Ray	N. No Hazards				PROMISED DELIVERY TO CARRIER
SHIP B	Y		SHIP FROM		F.O.B.		
	1				2		
THE REAL PROPERTY.							
ITEM				QUANTITY	LINIT PRICE	TOTAL PRICE	QUANTITY ACCEPTED
ITEM NO.	ITEM, SPECIE	FICATIONS, CATALOG REFEREI	NCE	QUANTITY	UNIT PRICE	TOTAL PRICE	QUANTITY ACCEPTED AS ORDERED
			NCE CONTENT		UNIT PRICE 150.00	**************************************	
NO.							
NO.							
NO.							
NO.							
NO.							
NO.							
NO.							
NO.							
NO.							
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NO.							
NO.							
NO.							
NO.							
NO.							
NO.							
NO.	ANALYZE SAM	PLES FOR BRO	MINE CONTENT				
NO.	ANALYZE SAM	PLES FOR BRO	MINE CONTENT				
NO.	ANALYZE SAM	PLES FOR BRO	MINE CONTENT	1 EA	150.00	\$150.00	
NO.	ANALYZE SAM	PLES FOR BRO	MINE CONTENT	1 EA		\$150.00	
NO.	ANALYZE SAM	I:- DOCUMENTATI IA Foreiga W IVA Debarred V IVA Sole Source Bas	MINE CONTENT	1 EA	150.00	\$150.00	
NO.	ANALYZE SAM ANALYZE SAM AVAILABLE FROM DB or WB % 1 GSA 97 ARKS: 755 YO Shw, UC, LBL YO	I:- DOCUMENTATI IA Foreiga W IVA Debarred V IVA Sole Source Bas	MINE CONTENT	1 EA	150.00	\$150.00	

7600-70787 RL-2350-B (Rev. 4/88)

PRINT NUMBER	UNIVERSITY OF CALLAWRENCE BERKE	
1/ /	REQUEST FOR PROC	UREMENT
REQUESTER K. M	IRK	DATE REQUESTED 6-27-9
DELIVER TO Paul	Wong 77A	DATE NEEDED
BLDG 77A	ROOM West End	
ACCOUNT NO. 8052	-2/ AUTHORIZED SIGNATURE_	Thinelf Will
QUANTITY	DESCRIPTION	APPROX PRICE
50ea	Expansion And	40r \$44
	Size: - 130	UNC
	Mtl. Carbon 5	
	HILTI HOI -	7
	Part # 000457	549
1 ea	HST 1/2" Setting	
25 ea	Expansion An	chor \$36
	C'== 51" -11	
	Size: 5/8"-11	
	M+1: carbon	5+00/
	HILTI HOI	5/8
	Part # 0004:	
1 ec		
	HST 5/8" Set	ting 1001 PX
VENDOR HILTI	Center	
		SHIP CODE
ADDRESS 190 MI	33/33/10/2/	TOTAL COST
	cisco STATE CA	P.O. NO
HONE NUMBER (800	879-8000	TERMS
CONTACT		PICK UP DATE
REMARKS		TIME AFTER
REQUISITION		CLOSED DURING YES NO LUNCH
NUMBER		VEHICLE
BG 662 REV.2/92)		

REQUESTED BY		BLDG. ROOM	DELIVERY TO BLDG.	RM.	NOTIFY	EXT.	HOLD FOR ACCT./J.O.					
Z W APPROVED BY	IELLS	70A - 3307	1.0	314 ELLER CODE	R. WEL	SELLER'S NAME						
Hursel	of while	8052-24	AMOUNT OF THE	ELLEN GODE	STAT. CODE	SELLEN S NAME						
ORIZATI	ION \$10.000	\$50,000 OVER	SB BB		UNIVERS	ITY OF CAL	FORNIA					
BUYER	CODE	ORDER NO.	REQ. 10 - 12 - 94		PURC	HASE REQUISI	TION					
			DATE 1 - 21-94		FOR CONTRACT NO. DE-AC03-76SF00098							
COST NOT TO	O REFER BIDS	REQ. NO.	TERMS: FROM RECEIPT OF GOO OR INVOICE WHICHEVER IS LATER		DEPA	WITH THE RTMENT OF ENEI	RGY					
# 30	000	410271		RE	QUISITIONER	-RETAIN AS FIL	E COPY					
SHADED A	REA FOR PURCHASIN	G USE ONLY.			DATE MATERIAL RECEIVED:	PACKING LIST NO.						
SELLER												
					DATE OF INSPECTION	RECEIVAL & INSPE	CTION CERTIFIED BY:					
Street												
City		State			CARRIER	DELIVERY RECEIP	NUMBER					
Placed												
	Date REVIEW - At least one	Contact box must be checked:				OW FOR PURCHASIN	IG,					
THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	emical diological	[] Laser [] Microwave	[] Service Contracts [] Other Hazards			D ACCOUNTING.	OLUMNO IT					
	logical	[] X-Ray	No Hazards		TOTAL ORDER	RS MAY USE PRICE OF ESTIMATE EXCEEDS						
SHIP BY		SI	HIP FROM		F.O.B.		PROMISED DELIVERY TO CARRIER					
ITEM NO.	LAB CATALOG NO. IF APPLICABLE	ITEM, SPECIFICATIONS,	CATALOG REFERENCE	QUANTITY	UNIT PRICE	TOTAL PRICE	OUANTITY ACCEPTED AS ORDERED					
		RODLES CYLIN	DER ELECTRIC	1								
		ACTUATOR I	D Cong									
		P/N RSZ29										
		MS5 - 56					3					
2		REED SWITCH	, NORMALLY	1								
	-	OPEN, #RPS	-1									
		FOR ITEM 1										
3		REED SWITCH,	NORMALIY	2								
7.09		CLOSED # RPS	5 - 2				-					
		FOR ITOM	a.				Y.					
Fol	L USE WITH	I Existino Con	1PUMOTO/2 AX	DRIVE								
		VENDOR										
		WESTERN T	TECH NOLOGY	MALKET	N6							
	<u> </u>	415) 968-22	00									
		STEVE SHIELD	188									
REMARKS: 7600-55438 RL 2350 (REV. 10/4	85)			Authorized E	Зу	PURCHASING						

REASON:	Per 11500	- REQUESTERS.				STAT. CODE	
	1010 0771	The orman 2.1 mms				AMOUNT OF CH	HANGE
						NEW SELLER'S	CODE
BUYER	CODE	ORDER NO.	ORIGINAL P.O. DATE				
	BETT 161	48866A2 ACCOUNT NO.	S-S-94 INTERNAL	<u> </u>		SITY OF CA	
REQUEST		8052-24	TYPE ORDER			TRACT NO. W-7405 CT DE-AC03-76SF	
THIS ORD	ER IS:	ACTIVE 🗇	NO RECEIVING COPY		THE	DEPARTMENT OF E	ENERGY
		INACTIVE	NO REQUESTER'S COPY		CH	ANGEOR	DER
Г					REQUISIT	TONER COPY	
					LICE INE	ORMATION	
	ALLIED S	16 NAL				ION—OPTIONAL	
1							
CHANGE OF	RDER NO	DA1	E OF ISSUE 10-26	-94			
					П		
ITEM NO.	LAB CATALOG N IF APPLICABLE		CRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE	PROMISED DELY TO CARRIER
	THIS ORDER	COVERS G1 PCF	MATERIAL				
	IN THE AMOU	INT OF\$ 2,743	.04.				
	THIS ORDER	IS HEREBY AMENDED	TO- AS FOLLOWS:				
-	- KOE	CITICONON PROPERTY	my and Price				
-	of ITEM	I ARE HERE	SA VIVEN ACT A				
- C <u>- C - C - C - C - C - C - C - C - C</u>			,				
	G1¢cR	COPPER CLAD	107/207	10	57.54 EA	575.40	11-28-9
	36" × 4	0.059	: 0.005".	EA	G A		
		0.059					
4 - 11 -							
		Ø 2 A-10 d	4_				
	TTEM 5	2,3,400	A CONTRACTOR OF THE CONTRACTOR				
-	ARE !	HEREBY CANCE	Line S.D.				
	ALL OTHER T	ERMS AND CONDITIO	NS REMAIN THE SAME	1 1 2 2 2			
	cc: scc	of PETERSON,	Fox # 612/897-	6556			
WRITTEN			A				
					PU	RCHASING MANAGER OF	DESIGNEE

	ISSUED PR.	TO: C&	PROCL	c. Shops	ENT C	ec. Eng.	MAKE/BUY Env. Hit Inst. Sci	h/Safety Dat	728h	4 A	ccount 305	No. Seria	No. 0340	
	Ordered	By:	Ext.	Refer	r Questio	as To:	Ext.					TRIBUTION		
		OEHA		180	EHM/		COUITZ	CRAFT	EST HR	s. J.O.	DWGS.	CRAFT	EST. HRS.	J.O. DW
		uested By			ı	E	ct.	MECH. ENG.				MECH. SHOP OF	- /	2 2
			COUITZ			28		MECH. TECH. C	OFF.	_		ASS'Y SHOP	+,-	\vdash
	Design C	Check By:	(Engineer Respon	isible)		E	kt.	SHOP 25		-		MACH. SHOP	15	\vdash
								SHOP 71		_		PAINT SHOP	-	
	Product	ion Check	By: 03/-94	- Auth	orized By	-	Date	SHOP				SHEET METAL	-	\vdash
,	THE	Marine	10-31-17	- //	~ ~	. 3	CT 23 99	SHOP				WELDING SHOP	-	
j	Job Desi	cription:		Besid	dual Risks	Accep	ted	FI FOT FNG	_	\dashv		C&M OFFICE	-	
	5	VAT	2	By:				ELECT. ENG.	10	-		CARPENTERS		\vdash
	A 15			~ 17				COORDINATIN	NG	+		ELECTRICIANS	+	
	00	VER	SECTO	SIL				DRAFTING ELECT. FAB.		_	-	LABORERS		\vdash
	MA	1115	NO TR	200	UE	75		ELECT. INSTA		_		MAINT. TECHS	+	
	11	VIT			1		T						-	
8	DELIVE	17	NAME	Bldg.	Rm.	Ext.	DUE DATE	ELECT. MAINT		+		PAINTERS		 ,
2	PARTS	J. 1	WIRTH	17	105	-901	11/18/94	OPER, CHECK		+		LOMBERS	-	
	ASSEMI	BLY						TECH. SUPP.		+		TOTAL HRS /6	AT63	HR.
			ENOS DISTRIBI	ITION		D	RINTS	ELEC-MECH. 8	0			LABOR \$		_
	OCN 2		ENCE DISTRIBU	1	D=-		O. DWGS.	ELEC-WECH. 8	-	+		MATERIAL \$	1,040	0 -
		OPIES TO		Bldg.	Rm.		O. DVVGS.	SAFETY SHOP	-	+		TOTAL \$	1, 100	-
	12.	WELL		TUA	3307	4-	/ -	SAFETY/ENVI		ITAI		FABRICATION:	1,100	<i></i>
	1.	BERC	DUITZ	lt.	11			SAFET T/ENVI	HOMME	VIAL				
	1 1	BOE	Hom	P_{ij}	4		1 2	ANALYSIS				LBL SHO		
	1	J. WIRTH 7		77	105		1 1				ATE: OUTSIDE SHOPS			
	J. WILYA				,	 '		F	PRELIM.			Attach completed MAKE/BUY form when Mech. Shops labor		
						+-			FINAL _			exceeds \$1000	Snops labe	Maria Maria
												2		
	ITEM	SHOP	DRAWING	185.00	QUAN	. 1	NAME		DESCRI	PTION		L	TIONS	
	ITEM NO.	SHOP USE	PART NUM	IBER	TITY		NAME		DESCRI			- INSTRUC	TIONS	<u>S</u>
2000	NO. /		24A08	1BER 13Z-/	2		HEADEI	2 PORT		AC	uE.		TIONS	
CORREST CONTRACTOR CON	1 2		24A08 24A08	1BER 32-1 32-2	2 2	<i>t</i>	IEADEI	L PORT	BR	ACO		T, R		
COUNTY AND	NO. /		24A08 24A08 24A08	1BER 32-1 32-2 41	2	<i>t</i>	HEADEI VI SUPPT	PORT	BR	AC			7U	9
2000	1 2		24A08 24A08	1BER 32-1 32-2 41	2 2	<i>t</i>	IEADEI	PORT " BRU	BR	ACO		T, R	7U	BE
Company (Company) and the company of	NO. 1 2 3		24A08 24A08 24A08	18ER 32-1 32-2 41 851	2 2	<i>t</i>	HEADEI VI SUPPT	PORT	BR	ACO		T, R , L Codine	: Vu	9
	NO. 1 2 3 4		24A08 24A08 24A08 24A08	32-1 32-2 41 851	2 2	<i>t</i>	HEADEI VI SUPPT II	PORT " BRU	- BR.	ACO	7	T, R , L Coding	: Vu	(1 '7
	NO. 1 2 3 4 5		24A08 24A08 24A08 24A08 24A08	32-1 32-2 41 851	2 2 4 4 4	<i>t</i>	HEADEI COPPT II	PORT II BRUI	- BR.	ACO (1) Irs S+V	7	T, R , L Codine	: Vu	(1 '7
	NO. 1 2 3 4 5		24A08 24A08 24A08 24A08 24A08	32-1 32-2 41 35/ 86/ 87/	2 2 4 4 4		HEADEI COPPT II	PORT II BRUI	- BR.	ACO (1) Irs S+V	7	T, R , L Codine	: Vu	(1 '7
	NO. 1 2 3 4 5		24A08 24A08 24A08 24A08 24A08	32-1 32-2 41 851	2 2 4 4 4	<i>t</i>	HEADEI COPPT II	PORT II BRUI	- BR.	ACO (1) Irs S+V	7	T, R , L Codine	: Vu	(1 '7

RI-527 7600-54597 (Rev. 10/80)

PURCHASE ORDER REFERRAL

	D
TO: ACCOUNTING	BERKELEY LIVERMORE
PURCHASE 3847702 SELLER'S BUCKBES ME	IRS
QUANTITY CHANGE: " " ITEMS	
NAME CHANGE:	
NOT AUTHORIZED ON P. O.	
OTHER:	
INVOICE	
ATTACHED DATE	ACCOUNTS PAYABLE
REPLY	ACCOUNTS TATABLE
FORMAL CHANGE ORDER IN PROCESS PUR	CHASE ORDER IS CORRECT TIONAL CHARGES NOT AUTHORIZED)
DATE	
	PURCHASING DIVISION
INTERNAL CHANGE ORDER No.	2
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOI	2
	CE ON ITEMS MARKED.
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOI	CE ON ITEMS MARKED. TITY TRANSPORTATION TERMS
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOI	CE ON ITEMS MARKED. TITY TRANSPORTATION TERMS CHARGE
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOIDED CASH DISCOUNT SHIP VIA ORDER QUANT SELLER'S NAME TOTAL PRICE ADDITIONAL ORDER OF THE COLUMN AND ADDITIONAL ORDER	CE ON ITEMS MARKED. TITY TRANSPORTATION TERMS CHARGE
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOID CASH DISCOUNT SHIP VIA ORDER QUANT SELLER'S NAME TOTAL PRICE ADDITIONAL PROTOTYPE OUTER SECTOR	CE ON ITEMS MARKED. TITY TRANSPORTATION TERMS CHARGE
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOID CASH DISCOUNT SHIP VIA ORDER QUANT SELLER'S NAME TOTAL PRICE ADDITIONAL PROTOTYPE OUTER SECTOR PAD PLANE PC BOARD (CAN BE FABRICATED)	CE ON ITEMS MARKED. TITY TRANSPORTATION TERMS CHARGE S FOLLOWS:
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOID CASH DISCOUNT SHIP VIA ORDER QUANT SELLER'S NAME TOTAL PRICE ADDITIONAL PROTOTYPE OUTER SECTOR PAD PLANE PC BOARD (CAN BE FABRICATED)	CE ON ITEMS MARKED. TITY TRANSPORTATION TERMS CHARGE S FOLLOWS:
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOID CASH DISCOUNT SHIP VIA ORDER QUANT SELLER'S NAME TOTAL PRICE ADDITIONAL ADDITIONAL PROTOTYPE OUTER SECTOR PAD PLANE PC BOARD (CAN BE FABRICATED) FROM LAMINATE CONTAINING BROMINE, BUT MUST 2. OTHERWISE MEET SPECS IN STAR NOTE 128A). EX	CE ON ITEMS MARKED. TITY TRANSPORTATION TERMS CHARGE S FOLLOWS:
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOID CASH DISCOUNT SHIP VIA ORDER QUANT SELLER'S NAME TOTAL PRICE ADDITIONAL PROTOTYPE OUTER SECTOR PAD PLANE PC BOARD (CAN BE FABRICATED) FROM LAMINATE CONTAINING BROMINE, BUT MUST	CE ON ITEMS MARKED. TITY TRANSPORTATION TERMS CHARGE S FOLLOWS:
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOID CASH DISCOUNT SHIP VIA ORDER QUANT SELLER'S NAME TOTAL PRICE ADDITIONAL ADDITIONAL PROTOTYPE OUTER SECTOR PAD PLANE PC BOARD (CAN BE FABRICATED) FROM LAMINATE CONTAINING BROMINE, BUT MUST 2. OTHERWISE MEET SPECS IN STAR NOTE 128A). EX	CE ON ITEMS MARKED. TITY TRANSPORTATION TERMS CHARGE \$ FOLLOWS: \$ 1614.000 \$ 1,614.000
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOID CASH DISCOUNT SHIP VIA ORDER QUANT SELLER'S NAME TOTAL PRICE ADDITIONAL PROTOTYPE OUTER SECTOR PAD PLANE PC BOARD (CAN BE FAGRICATED) FROM LAMINATE CONTAINING BROMINE, BUT MUST 2. OTHERWISE MEET SPECS IN STAR NOTE 128A). EX	CE ON ITEMS MARKED. TITY TRANSPORTATION TERMS CHARGE \$ FOLLOWS: \$ 1614.000 \$ 1,614.000
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOID CASH DISCOUNT SHIP VIA ORDER QUANT SELLER'S NAME TOTAL PRICE ADDITIONAL PROTOTYPE OUTER SECTOR PAD PLANE PC BOARD (CAN BE FAGRICATED) FROM LAMINATE CONTAINING BROMINE, BUT MUST 2. OTHERWISE MEET SPECS IN STAR NOTE 128A). EX	CE ON ITEMS MARKED. TITY TRANSPORTATION TERMS CHARGE \$ FOLLOWS: \$ 1614.000 \$ 1,614.000
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOID CASH DISCOUNT SHIP VIA ORDER QUANT SELLER'S NAME TOTAL PRICE ADDITIONAL PROTOTYPE OUTER SECTOR PAD PLANE PC BOARD (CAN BE FAGRICATED) FROM LAMINATE CONTAINING BROMINE, BUT MUST 2. OTHERWISE MEET SPECS IN STAR NOTE 128A). EX	CE ON ITEMS MARKED. TITY TRANSPORTATION TERMS CHARGE \$ FOLLOWS: \$ 1614.000 \$ 1,614.000
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOID CASH DISCOUNT SHIP VIA ORDER QUANT SELLER'S NAME TOTAL PRICE ADDITIONAL DESCRIPTION OF CHANGE: TEM 2 IS HEREBY ADDED; ADDITIONAL PROTOTYPE OUTER SECTOR. PAD PLANE PC BOARD (CAN BE FABRICATED FROM LAMINATE CONTAINING BROMINE, BUT MUST CHERWISE MEET SPECS IN STAR NOTE 128A). EX REASON FOR CHANGE: PER 7-6-94 MEMO FROM USER R. WELLS C: MAXINE PEIFFER GABE RUIZ	CE ON ITEMS MARKED. TITY TRANSPORTATION TERMS CHARGE \$ FOLLOWS: \$ 1614.000 \$ 1,614.000
CHANGE PURCHASE ORDER TO AGREE WITH THE INVOID CASH DISCOUNT SHIP VIA ORDER QUANT SELLER'S NAME TOTAL PRICE ADDITIONAL OF CHANGE: FROM LAMINATE CONTAINING BROMINE, BUT MUST C. OTHERWISE MEET SPECS IN STAR NOTE 128A). EX REASON FOR CHANGE: C: MAXINE PEFFER	CE ON ITEMS MARKED. TITY TRANSPORTATION TERMS CHARGE \$ FOLLOWS: \$ 1614.000 \$ 1,614.000

	JOB O	RDER	PROCU	REME	ENT D]		AKE/BUY	NO		_			PAGE	/_	OF	_/
			M Shops						h/Safety Date		Acc	ount	No. 1	Serial		10	
	PR.	Med	ch. Shops 🔀 Med	ch. Tech	. 🗆 Me	ech. Eng	j. 🗆	Inst. Sci.	/Eng.				2-24	0	336.	37	
	Ordered	By:	Ext.		Questio	ns To:		Ext.		EST.			TRIBUTION		EST.	PRIN	TS
			IM 6506	pelo	cour			EHM	CRAFT	HRS.	J.O. D	wgs.	CRAFT MECH. SHO		EST. HRS.	J.O.	wgs.
		uested By				Ex	T. 2	33	MECH. ENG. MECH. TECH. OFF.			-	ASS'Y SHOP			2	
			OV 172	ciblal		Ex		22	SHOP 25				MACH. SHO		24		
	Design C	neck By:	(Engineer Respon	sible)			٠.		SHOP 71		\vdash	\neg	PAINT SHOP		- 1		
	Producti	ion Check	By: Date	Auth	orized B	v:		Date	SHOP				SHEET MET				
	0/1/2)		3.23-90	L	1150	إمانو	ALL	23,94	SHOP				WELDING S	HOP			
	//	cription:		Resid	ual Risk	s Accep).,					CN	<u>_</u>	5		
	<	STAF	7 .	By:					ELECT. ENG.				C&M OFFIC	Ε			
	-	- 1 Frat 1	b.	107.					COORDINATING				CARPENTE				
	2	SEC	r co	01	MA	NI			DRAFTING				ELECTRICI				
	m.	~10	110 1	VT	RF				ELECT. FAB.		\vdash		LABORERS				
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	DELIVE	R TO:	NAME .	Bldg.	Rm.	Ext.	DL	JE DATE	ELECT. MAINT. ELECT. Q.A.		\vdash		PAINTERS PLUMBERS			\vdash	
	PARTS	V, U	11127-1	77	135	5901	4/	1599	OPER, CHECK		\vdash	-	PLOMBERS				
	ASSEMI	BLY					1	/	TECH. SUPP.		\vdash		TOTAL HRS	(1)	AT65	AR.	
***		REFER	ENCE DISTRIBU	TION		P	RIN'	TS	ELEC-MECH. 80				LABOR	\$	195	0	-
	SEND C	OPIES TO		Bldg.	Rm.			DWGS.					MATERIAL	\$	15	0	***
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2000	JIBERCOUTTZ JIBOEHM				11	1		2	ANALYSIS				LBI	SHOP	S		
	J. WIRTH			77	125	/	,	1	BY:		□ OUTSIDE SHOPS						
	01	0/10/10/17							PREL	.IM			Attach comp				
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	ISSUED PR.	TO: C&	M Shops	. Shops h. Tech	E	lec. En lech. Ei	g. 🗆 ng. 🔀	Env. HI	th/Safety i./Eng.	□ Date	194	_		No. 24	Serial 33	No. 363	0	
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	Job Reg	uested By	: (Client)			0/	۸t.	012	MECH	. ENG.		3.0.	DW GG.	MECH. SHO		1		1
			ULTZ (Engineer Respons	ible)	08 0	10/	ے Ext.	050	SHOP	. TECH. OFF.	-		1	MACH. SHO				
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ĺ		SEC	TORS						DRAF					ELECTRICI				
			D SUP	00	07				-	T. FAB.				LABORERS				
	DELIVE		NAME	Bldg.	Rm.	Ext.	Тр	UE DATE	-	Γ. INSTALL Γ. MAINT.				MAINT. TE	žH3			
	PARTS	11	NIRTH	77	141	590	- 4	11/94		Γ. Q.A/				PLUMBERS				
	ASSEM	S. 36-91			,		1	/ . /	OPER.	CHECK SKIPP	-			TOTAL HR	S	AT	HR.	
		REFER	ENCE DISTRIBUT	TION			PRIN	NTS		MECH. 80				LABOR	\$			
	SEND C	OPIES TO);	Bldg.	Rm.		J.O.	DWGS.	1	TY SHOPS				MATERIAL TOTAL	\$ \$			
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*	SPACE	RESERVE	D FOR DEPARTM	/ENTS	RECEI	VING	COPIE	ES	1	FINA				exceeds \$10	***	3		
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!	ITEM NO.	SHOP	DRAWING O		QUA	60000		NAMI	======= E	– DES	CRIPT	ION			FRUCT	IONS		
	1		24A42	112	250	00	Ali	05 1	400	שובד הנו	ENS) .	1000	PORT, 1	0-	32		
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	JOB O	RDER	≱ PROCL	IREME	NT 🗆		MA	KE/BUY	NO				PAGE		OF _	/
	ISSUED PR.	TO: C&I	M Shops 🔲 Ele ch. Shops 💢 Me	ch. Tech.	. Mec	h. Eng]. D	Env. HI1 Inst. Sci	h/Safety Date ./Eng. 03/	18/74	1007	-74	Serial	334	29	7
	Ordered	By:	Ext.		Question			Ext.				TRIBUTION		EST.	PRI	NTS
	JIL	ZHH	65Cle	150	EHM/	BER	LO:	SITC	CRAFT	EST. HRS.	PRINTS J.O. DWGS.	CRAFT		HRS.		DWGS.
		uested By		_	ກາ່າ	Ex	t. محم	~	MECH. ENG.			MECH. SHO		/_	2	-
			DUITZ		833	6	20	06	MECH. TECH. OF	F.		ASS'Y SHOP				
	Design C	heck By:	(Engineer Respon	sible)		. Ex	ct.		SHOP 25			MACH. SHO		6		
									SHOP 71			PAINT SHO				
	Producti	on Check	By: Date		orized By:		4. 1	Date	SHOP			SHEET MET				
	777	VICAL	In 3-18-94	1 0/	May	1.	14.29	42	SHOP			WELDINGS		0 11		
	Upb Desc	cription:		Resid	ual Rišks .	Accep	ted	乃				NC		58		
	-	TAR	•	By:					ELECT. ENG.			C&M OFFIC				
+		1 77 800							COORDINATING	i		CARPENTE				
	09	SECT	- Coc	$x \vdash$	TAN	1			DRAFTING			ELECTRICI				
	70	00					- 0	200-	ELECT. FAB.			LABORERS				
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	DELIVE	R TO:	NAME	Bldg.	Rm.	Ext.	DU	JE DATE	ELECT. MAINT.			PAINTERS				
	PARTS	1//	WIRTH	77	1205	701	41	1170	ELECT. Q.A.			PLUMBERS				
		-	VIGIT	11	-	201	17	.718	OPER. CHECK	1						
30000	ASSEME	BLY							TECH. SUPP.			TOTAL HR	s 35	TATO C	HR.	
		REFER	ENCE DISTRIBU	TION		Р	RINT	TS	ELEC-MECH. 80			LABOR	\$ '	425	C	>
	SEND C	OPIES TO):	Bldg.	Rm.	J.	0.	DWGS.				MATERIAL	. \$	ري ر	20)
	12.4	UELL		704	3307		/	_	SAFETY SHOPS			TOTAL		2/30	0	
			OUITZ	11	11		7	1	SAFETY/ENVIR	ONMENT	AL	FABRICAT	ION:			
300000000000000000000000000000000000000	7,6	D A PM	1111	10	4	1	,	-	ANALYSIS			LB	L SHOP	PS		
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							1		FI	NAL		exceeds \$10	00	3		
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	ITEM NO.	SHOP USE	DRAWING PART NUM		QUAN- TITY			NAME	E – D	ESCRIPT	ION	– INS	TRUCT	IONS		
	1		24A4	216	/	6	-0	WE	r apba	ND 1	4EAD	ER, RA	SHI	/		
	2		24A4	224	1	10	P	PE	R ADBO	DINC	HEAD	ER, R	1G4	1 V		
	3		24A4	233	1	Y	DR	All	PORT	AA	BONI	2 RI	1CH	17		
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JOB ORDER					MAKE/BUY	70		-			PAGE		OF_	/
ISSUED TO: C&I	M Shops	ch. Tech	. Mec	h. Eng. [☐ Env. Hit ☐ Inst. Sci	th/Safety Date ./Eng. D3//C	191			45-N	Serial	No. 3362	2	
Ordered By:	Ext.	Refe	Questions	TOP	Ext.		EST.			RIBUTION		EST.	PR	NTS
J. BOEH		BEI	COUIT	/	EHM	CRAFT	HRS.	J.O.	NTS DWGS.	CRAFT MECH. SHO		HRS.	J.O.	DW
Job Requested By	: (Client)			Ext.	23	MECH. ENG. MECH. TECH. OFF.				ASS'Y SHOP		-	2	2
J. BERC		-!!-!-\		<u> </u>	77	SHOP 25				MACH. SHO				_
Design Check By:	(Engineer Respon	sible)		Ext.		SHOP 71		\vdash		PAINT SHO		6		
Design Charles	Pres Deta	LAGO	orized By:		Date	SHOP	-	\vdash		SHEET MET				
Production Check	By: Date 3-17-24	121	1)(14	AN 16 94			\Box		WELDING S				
Job Description:	3.77	Resid	lual Risks					\vdash		NC	_	37		
	•	4			-	ELECT. ENG.				C&M OFFIC	Ε			WE COME
STAR		By:				COORDINATING		\Box		CARPENTE	RS)// C.	
OSECS	rcoo	M	AN			DRAFTING				ELECTRICI.	ANS			
O La Co						ELECT. FAB.				LABORERS				
VLIGHT	HEAL	汇(PA	IRT:	<u> </u>	ELECT. INSTALL				MAINT. TEC	CHS			
DELIVER TO:	NAME	Bldg.	Rm.	Ext.	DUE DATE	ELECT. MAINT.				PAINTERS				_
PARTS 1/1	UIRTH	77	125	. 4	1/194	ELECT. Q.A.		\sqcup		PLUMBERS				
	4 11-111	<u> </u>			1	OPER. CHECK	ļ	\sqcup			A	1		-
ASSEMBLY						TECH. SUPP.		\vdash		TOTAL HRS	40	ATEC	HR.	_
	ENCE DISTRIBU	TION	r		NTS	ELEC-MECH. 80		\vdash		LABOR	\$	240	<u>_</u>	
SEND COPIES TO		Bldg.	Rm.	J.O.	DWGS.	21.5557/ 211000		\vdash		MATERIAL	<u>\$</u>	250		_
K. WEL	CS	DA	3207	/		SAFETY SHOPS SAFETY/ENVIRON	INACNIT	A:1		FABRICATI		2 50		_
J. BERG	COUITZ	11	11	/	/	SAFETY/ENVIRON	INENI	AL						
J. BOE	HM	4	11	1	2	ANALYSIS				LBI				
J.WIR	TH	77	125	1	1	BY:		DATE				SHOPS		
4/40/110	4 11					PREI	LIM			Attach comp form when N				
						FINA	AL			exceeds \$10			,,	
SPACE RESERVE	D FOR DEPART	MENTS	RECEIVI	NG COP	IES	4				53	7,5	2 2 =		
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ITEM SHOP NO. USE	DRAWING PART NUM		QUAN- TITY		NAME	E — DES	CRIPT	ION	. ,	- INST	rruct	TIONS		
1.50	24A41	66	1	10	NUER	HEADER,	RIG	Hi	_		SH	MA		
2	20001	7/	1			HEADER,					1x.	5x.a	55	•
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3	24A41	83	2			r port,					5	HOP F	16	NI
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						11-336								
				1	100		J							
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EQUESTER	BLDG. & ROOM	DELIVER TO:	BLDG. ROOM	NOTIFY	EXTENSION	HOLD FOR/J.O.
OHN . WJRTH	77-12	77-125	77-125	Doug Mor	ton 5904	
PPOPPER BY	ACCOUNT NO.	AMOUNT OF P.O.		STAT. CODE	720947	
AUTHORIZATION	\$10,000	\$50,000 OVER				
BUYER	CODE ORDER	Warning to the state of the sta	DATE N	EEDED	UNIVERSITY O	F CALIFORNIA
		2/1/94	3/10 TERMS:	/94	PURCHASE	REQUISITION
COST NOT TO XCEED			IEHMS.		FOR CONTRACT NO	. DE-AC03-76SF000 I THE
10200.00 SHADED AREA FOR P	UDOUACING USE ON		ender annanger			T OF ENERGY
SHADED AREA FOR P	UNCHASING USE ON				RETAIN LAST CO	
SELLER					OTHER COPIES T	O PURCHASING
Street				DATE MATERIAL RECEIVED.	PACKING LIST NO	
City	Si	ate				
Placed				DATE OF INSPECTION	RECEIVAL & INSPEC	CTION
Date		Contact				
				CARRIER	DELIVERY RECEIPT	NUMBER
原	one of the letters in the box be	ow. S. Service Contrac		1		
C. Cher R. Radio	ological M. Micro		.15			PROMISED DELIVE
B. Biolo	yicai A. Ariay	SHIP FROM		F.O.B.		TO CARRIER
				140		
TEM). IT	EM, SPECIFICATIONS, CATALO	OG REFERENCE	QUANTITY	UNIT PRICE	TOTAL PRICE	QUANTITY ACCEPT AS ORDERED
1 8"GRADE	A GRANITE SUI	RFACE PLATES PER	6 EA			
ATTACHED	DRAWING					
· 						
2 STATION	ARY STEEL STAP	IDS FOR ABOVE	6 EA			
SURFACE	PLATES					
	<i>1 </i>					
						4
		70-257				
		257				
			. \			
						1

James Hunter	BLDG. & ROOM 50B-4215	James Hunter	BLDG. ROOM 50B-4215	James Hunte	er x 7084	HOLD FOR/J.O.
APPROVED BY See below	see below	AMOUNT OF P.O.		STAT. CODE	153080	
THORIZATION \$10,000 BUYER CODE COST NOT TO	S\$50,000 ORDER NO.	OVER REQ. DATE 12/17/93	1/23/	EEDED	UNIVERSITY O	F CALIFORNIA
\$29000			TERIVIO.		FOR CONTRACT NO.	THE
SHADED AREA FOR PURCHAS	ING USE ONLY.				DEPARTMENT AST COPY SEND ALL OPIES TO PURCHASING	
Street City Placed	State			DATE MATERIAL RECEIVED: DATE OF INSPECTION	PACKING LIST NO. PECEIVAL & INSPEC	TION
Date HAZARD REVIEW - Enter one of the le				CARRIER	CERTIFIED BY: DELIVERY RECEIPT I	NUMBER
C. Chemical R. Radiological B. Biological	L. Laser M. Microwave X. X-Ray	S. Service Contracts O. Other Hazards N. No Hazards				PROMISED DELIVERY TO CARRIER
SHIP BY	Si	HIP FROM		F.O.B.		
	CATIONS, CATALOG REFERENCE		QUANTITY	UNIT PRICE	TOTAL PRICE	QUANTITY ACCEPTED AS ORDERED
Connector, Samtec pa	rt no. SSM-122-S-DV	1	5200			
2 Connector, Samtec pa	rt no. TSS-122-04-S-	D-RA	5200			
			1			
					ļ	
	· 					
1 GEORGE 80 S						
			1			
50 % on account a	₹ 8052-24 ,					
50 % on account #	8052-40	Nozale				
Distributors:			1			
Abacus		<u>-</u>				
Cypress						
Sierra West						
MARKS	4		Authorized By			

Ordered By: Ext. Refer Questions To: Ext. WORK DIS	- 1 - 1	al No.	25
I I I I I I I I I I I I I I I I I I I	TRIBUTION	EST.	PRINT
JOB Requested By: (Client) SOE BOEHM 6506 CRAFT EST. PRINTS HRS. J.O. DWGS. MECH. ENG.	CRAFT MECH. SHOP OF	HRŞ.	J.O. DW
Job Requested By: (Client) Ext. MECH. ENG. MECH. TECH. OFF.	ASS'Y SHOP	F. /	2 2
Design Check By: (Engineer Responsible) Ext. SHOP 25	MACH. SHOP	40	-
SHOP 71	PAINT SHOP	140	-
Pypouction Check By: Date Authorized By: Date SHOP	SHEET METAL	+-+	-
Mallune 10 26.93 11/26/28 SHOP	WELDING SHOP	1	\dashv
Job Description: Residual Risks Accepted		1	+
RHIC-STAR-TPC By: ELECT. ENG.	C&M OFFICE		_
COORDINATING	CARPENTERS		_
PARTIAL SECTOR VEST DRAFTING	ELECTRICIANS		
ELECT. FAB.	LABORERS	1	
PARTIAL STRONGRACK ELECT. INSTALL	MAINT, TECHS		
DELIVER TO: NAME Bldg. Rm. Ext. DUE DATE ELECT. MAINT.	PAINTERS		
PARTS J. WIRTH 77 590 11/15/93 ELECT. Q.A.	PLUMBERS		
ASSEMBLY OPER. CHECK			
TECH. SUPP.	TOTAL HRS 4/	AT&O I	HR.
REFERENCE DISTRIBUTION PRINTS ELEC-MECH. 80	LABOR \$	3,280	2_
SEND COPIES TO: Bldg. Rm. J.O. DWGS.	MATERIAL \$		2
J. BERCOUITZ 70A 3307 / 1 SAFETY SHOPS	TOTAL \$	3,35	0
J. BOEHM 4 1 / 2 SAFETY/ENVIRONMENTAL	FABRICATION:		
R. WELLS " ANALYSIS	▼ LBL SHO	PS	
BY: DATE:	☐ OUTSIDE	SHOPS	
PRELIM	Attach completed		
FINAL	form when Mech. S exceeds \$1000	Shops labor	
NO. USE PART NUMBER TITY NAME - DESCRIPTION -	- INSTRUCT	IONS	
	CECT		
1 24A3776 1 PARTIAL STRONGBACK	C SELIC	ON	
1 24A3776 1 PARTIAL STRONGBACK	C SECIVE	c m a	
The second secon		_	
	DcT 26	PRINT MECH E LBL B	
	DcT 26	PRINT MECH E LBL B	
	JcT 26 38	MECH ENGR	
	JcT 26 38	MECH ENGR	
	DCT 26 1 38 PM	PRINT DIVISION DECH ENGR D	
	JcT 26 38	MECH ENGR	
	DCT 26 1 38 PM	PRINT DIVISION DECH ENGR D	
	DCT 26 1 38 PH *93	PRINT DIVISION DECH ENGR D	
	DCT 26 1 38 PH *93	PRINT DIVISION DECH ENGR D	
	DCT 26 1 38 PH *93	PRINT DIVISION DECH ENGR D	
	DCT 26 1 38 PH *93	PRINT DIVISION DECH ENGR D	

REQUESTED BY	0	BLDG.	ROOM	DELIVERY TO BLDG.	RM.		NOTIFY		EXT.		HOLD FOR ACCT./J.O.
C.K.	BARNEY	70	319		307		R. WEIDEA				
APPROVED BY	001 10	ACCOUNT NO.	en . i	AMOUNT OF P.O.	SELLER CODE		STAT. CODE	SELLER'S I	NAME		
Hum	ell we	8052 -	24								
ORIZAT	TION \$10.000	\$50,000	OVER	SB BB			UNIVERS	ITY	OF CALI	FOF	RNIA
BUYER	CODE	ORDER NO.		REQ. 12/1/93			DUDO	HACE	DEOLUCI	CIONI	
				DATE	- 7				REQUISIT		
COST NOT T	TO REFER BIDS	TO REQ. NO.		TERMS: FROM RECEIPT OF GO			FOR CONTRA). DE-AC03- TH THE	76SF	00098
EXCEED	. 00			OR INVOICE WHICHEVER IS LATE	R.		DEP	RTME	NT OF ENER	RGY	
# 75.		1043	33	and the second second			REQUISITIO	NER-R	ETAIN AS F	ILE	OPY
SHADED A	REA FOR PURCHASING		00				DATE MATERIAL		PACKING LIST NO.		
							RECEIVED:				
SELLER_											
OLLLLI1							DATE OF INSPECTIO	N	RECEIVAL & INSPE	CTION CE	ERTIFIED BY:
Street											
City		State					CARRIER		DELIVERY RECEIPT	NUMBER	4
Placed	Date	Contact				_	COLUMNS BE	LOW FO	R PURCHASIN	G,	
	D REVIEW - At least one be nemical	ox must be checke	d:	Service Contracts			RECEIVING A	ND ACC	OUNTING.		
[] Ra	diological	Microwave		Other Hazards			REQUISITION	ERS MA	Y USE PRICE C	OLUM	NS IF
[] Bio	ological	[] X-Ray	>	No Hazards				R ESTIM	ATE EXCEEDS	\$1000	0.00
SHIP BY			SH	P FROM			F.O.B.			PR	OMISED DELIVERY TO CARRIER
								1 -		QU	ANTITY ACCEPTED
ITEM NO.	LAB CATALOG NO. IF APPLICABLE	ITEM, SPECIF	ICATIONS, C	ATALOG REFERENCE	QUAN	ITITY	UNIT PRICE	TC	TAL PRICE		AS ORDERED
	REVISION	IKE	PRO	m FOR							
											
	ENRAD	mode	68.	40(I)							
	NOVAJA	- 2	otto (specializari pr								
	NOVITUZ	1	0//6	/							
	AVAILAB	LE ON	ILY	FROM							
	ENCAD	+ INC									
	(800)	201-7	828		-						
	FAX: (6	19) 57	8-6	1613							
								100			
						A STATE OF					
DEMARKS	or a second second		1-1								
HEMARKS:	SES ATTACH	ED OR	Wall.	FOR MY							

7600-55438 RL 2350 (REV. 10/85)

Authorized By _____

PURCHASING

	Jells	BLDG	ROOM DELIVERY TO BLDG.	7	RM.	NOTIFY	12/17/0	HOLD FOR ACCT, NO.
REQUESTED BY	ence/F. Ingra		46		161	F. Ingra	m 6870	
APPROVED BY	ence/f. Ingra	ACCOUNT NO.	AMOUNT OF P.O.		LLER CODE		ELLER'S NAME	
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CKBEE MEARS TN MS. MAXI	INE PFEIFFER		A Barry	PURC	HASE ORD	ER
		S HA		OR CONTRA	ACT NO. DE-AC03 DEPARTMENT OF	76SF00098 ENERGY
현대 등 경기 때문에 대표를 내려면 하루를 했다면 하는데 되었다. 그런 이번 시간 시간 모든 사람들은 이번		T T T T T T T T T T T T T T T T T T T	Univ for SR-	versity holds State deliveries to Lawre CHA 21-135323 fo	Sales Tax Permit SR ence Berkeley Laborate	CH 21-835970 ory and Permit
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	authorized the second	BLDG, & ROOM	DELIVER TO:	BLDG. ROOM	NOTIFY	EXTENSION	HOLD FOR
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•	APPROVED BY	ACCOUNT NO.	AMOUNT OF P.O.		STAT. CODE	REQ. NO.	DEPT. I.D./J.O.
13	FLEISCHMAN	8052-24-1	108,882.36		6822200	4102-60	
	SUBMIT CORRESPONDENCE	/QUESTIONS TO BUYER:	1 CYCLOTRON RD., BERKE	LEY, CALIF. 94720		BOX 5012 LIVERMORE.	CALIF. 94550
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K					OR CONTRA	RACT NO. W-7405 CT NO. DE-AC03- DEPARTMENT OF	76SF00098

SHIP TO

NUTING OFFICE:

GOVERNMEN

PAGE

FOR RESALE-State Sales Tax should not be charged, as the University holds State Sales Tax Permit SR CH 21-835970 for deliveries to Lawrence Berkeley Laboratory and Permit SR-CHA 21-135323 for deliveries to Lawrence Livermore National Leberators National Laboratory.

MAIL INVOICE IN DUPLICATE TO UNIVERSITY OF CALIFORNIA LAWRENCE LIVERMORE NATIONAL LABORATORY Accounting Office - P.O. BOX 5001 LIVERMORE, CALIFORNIA 94550

The Purchase Order Number shown above must appear on your invoice to facilitate payment processing.

SHIP V	/IA (as coded) 1. PICKUP 2. PARCEL POST 3. UPS 4. FEDERAL EXP. 1	5. MOTOR FREIGHT 6. AIR FREIGHT 7. AIR PARCEL POST 8. FEDERAL EXP. 2 9. AIR FRT FORWARDER	TRANSPORTATION TERM 1: ACCOUNT OF UNIVERSITY SI 2: ACCOUNT OF SELLER PREPA 3: SEE BODY OF ORDER SHIP	S (as coded) EE ARTICLE V ON IID PING POINT	REVERSE	F.O.B. (as coded 1. DESTINATION 2. SHIPPING POI 3. SHIP PT. FREIO	NT)
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The Terms and Conditions On The Reverse Side Constitute A Part Of This Order

Authorized by_ UNIVERSITY OF CALIFORNIA

REQUESTER	BLDG. & ROOM	DELIVER TO:	BLDG. ROOM	NOTIFY	EXTENSION	HOLD FOR
BERCOVITZ	70 257	ASSEMBLY SH	OP 77	BERCOVIT	Z X5833	
APPROVED BY	ACCOUNT NO.	AMOUNT OF P.O.		STAT. CODE	REQ. NO.	DEPT. I.D./J.O.
FLEISCHMAN	8052-24-1	108,882.36		6822200	4102-60	
SUBMIT CORRESPONDENCE/	QUESTIONS TO BUYER:	1 CYCLOTRON RD., BERKE	LEY, CALIF. 94720		BOX 5012 LIVERMORE,	CALIF. 94550
BUYER CODE	ORDER NO.	SELLER CODE	DATE		FROM RECEIPT OF G	
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BUCKBEE MEARS

3.

SHIP TO

PAGE

UNIVERSITY OF CALIFORNIA PURCHASE ORDER

FOR CONTRACT NO. W-7405-ENG. 48
OR CONTRACT NO. DE-AC03-76SF00098
WITH THE DEPARTMENT OF ENERGY

FOR RESALE-State Sales Tax should not be charged, as the University holds State Sales Tax Permit SR CH 21-835970 for deliveries to Lawrence Berkeley Laboratory and Permit SR-CHA 21-135323 for deliveries to Lawrence Livermore National Laboratory.

MAIL INVOICE IN DUPLICATE TO
UNIVERSITY OF CALIFORNIA
LAWRENCE LIVERMORE NATIONAL LABORATORY
Accounting Office - P.O. BOX 5001
LIVERMORE, CALIFORNIA 94550

The Purchase Order Number shown above must appear on your invoice to facilitate payment processing.

5. MOTOR FREIGHT 6. AIR FREIGHT 7. AIR PARCEL POST 8. FEDERAL EXP. 2 9. AIR FRT FORWARDER TRANSPORTATION TERMS (as coded)

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> The Terms and Conditions On The Reverse Side Constitute A Part Of This Order

Authorized by_____

UNIVERSITY OF CALIFORNIA

I to link Y	REQUESTER	BLDG. & ROOM	DELIVER TO:	BLDG. ROOM	NOTIFY	EXTENSION	HOLD FOR
1111	BERCOVITZ	70 257	ASSEMBLY SH	OP 77	BERCOVIT	Z X5833	κ.
6	APPROVED BY	ACCOUNT NO.	AMOUNT OF P.O.			REQ. NO.	DEPT. I.D./J.O.
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etta.	SHIP TO	1. P		SR-0	CHA 21-135323 for	nce Berkeley Laborato r deliveries to Lawre	
	PAGE 4			Natio	onal Laboratory.	a telm ank tight	and the fire
4	INGE T				MAIL INVO	ICE IN DUPLICATE TO	The Hall
-			Territoria (1777)		LAWRENCE LIVERN	IORE NATIONAL LABOR	RATORY
		7				Office - P.O. BOX 500 E, CALIFORNIA 9455	No. of the Control of
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	11. COST ACCOU	INTING STANDAR	DS-NONDEFEN	SE (RL-	358 CASN	D)	70.50
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RL-2354 (REV. 4-91) 7600-64288

Authorized by______UNIVERSITY OF CALIFORNIA

REQUESTER		BLDG. & ROOM		DELIVER TO:		BLDG. ROOM	NOTIFY	EXTENSION	HOLD FOR
BERCOVITZ		7Ø	257	ASSEMBLY	SHO	OP 77	BERCOVIT	Z X5833	
APPROVED BY		account No.		AMOUNT OF P.O.			STAT. CODE	REQ. NO.	DEPT. I.D./J.O.
FLEISCHMAN		8052-24	-1	108,882.3	3		6822200	4102-60	
SUBMIT CORRE	SPONDENCE	QUESTIONS TO BUY	ER:	1 CYCLOTRON RD., E	BERKEL	EY, CALIF. 94720		BOX 5012 LIVERMORE,	CALIF. 94550
IYER	CODE	ORDER	NO.	SELLER CODE	1	DATE		FROM RECEIPT OF O	
GAMPBELL	161	3847702		,		12/23/93	3 ADRIENE	O - ½% 10TH & 25TH 1 - ½% 10 DAYS A - ½% 15 DAYS	3 - 1% 30 DAYS F - 2% 10TH & 25TH 4 - 2% 10TH PROX.
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BUCKBEE MEARS

SHIP TO

PAGE

UNIVERSITY OF CALIFORNIA PURCHASE ORDER

FOR CONTRACT NO. W-7405-ENG. 48 OR CONTRACT NO. DE-AC03-76SF00098 WITH THE DEPARTMENT OF ENERGY

FOR RESALE-State Sales Tax should not be charged, as the University holds State Sales Tax Permit SR CH 21-835970 for deliveries to Lawrence Berkeley Laboratory and Permit SR-CHA 21-135323 for deliveries to Lawrence Livermore National Laboratory.

MAIL INVOICE IN DUPLICATE TO
UNIVERSITY OF CALIFORNIA
LAWRENCE LIVERMORE NATIONAL LABORATORY
Accounting Office - P.O. BOX 5001
LIVERMORE, CALIFORNIA 94550

The Purchase Order Number shown above must appear on your invoice to facilitate payment processing.

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The Terms and Conditions On The Reverse Side Constitute A Part Of This Order

Authorized by ______ UNIVERSITY OF CALIFORNIA

REQUESTER		BLDG. & ROOM	DELIVER TO:	BLDG. ROOM	NOTIFY	EXTENSION	HOLD FOR
VARIOUS		VARIOUS	PICK-UP		LAWIHER	4395	
APPROVED BY		ACCOUNT NO.	AMOUNT OF P.O.		STAT. CODE	REQ. NO.	DEPT. I.D./J.O.
VARIOUS		9999 - 99 -1	9,950.00		3413200	VARIOUS	
SUBM	IT CORRESPONDENCE	QUESTIONS TO BUYER:	1 CYCLOTRON RD., BERKE	LEY, CALIF. 94720		BOX 5012 LIVERMORE	. CALIF. 94550
BUYER	CODE	ORDER NO.	SELLER CODE	DATE		FROM RECEIPT OF	
LASTHER	195	3575933		31/33/9	FELM	O - ½% 10TH & 25TH 1 - ½% 10 DAYS A - ½% 15 DAYS	3 - 1% 30 DAYS F - 2% 10TH & 25TH 4 - 2% 10TH PROX.
RATED ORDER	CERT. UNDER D.P.A.S. REG.	This is a rated order certifie and you are required to follo	ed for national defense use,	TERMS: (AS CO	DDED)	B - 1/4 20 DAYS C - 1/4 10TH & 25TH 2 - 1/4 10 DAYS	G - 2% 15TH 5 - 2% 10 DAYS H - 2% 20 DAYS
្សាប ៦3	1	Defense Priorities and Allocat CFR Part 350).	tions System regulation (15	y		9 - 1% 10TH PROX. D - 1% 15TH E - 1% 20 DAYS	6 - 2% 30 DAYS 7 - NET 30 DAYS 8 - AS SHOWN
TO PROMEA		,			UNIVERSI	TY OF CALI	FORNIA
	MEADE VI	LLAGE DR			FOR CONTE	RACT NO. W-7405	5-ENG. 48

SARTA CLARA CA 95051

ATTN: MARK THOMPSON

SHIP TO

AS REQUESTED

WITH THE DEPARTMENT OF ENERGY PURCHASE ORDER COPY 3

To: Requisitioning Department USE - INFORMATION COPY DISPOSITION - DESTROY

DO NOT CONTACT SELLER FOR INFORMATION CALL PURCHASING DEPT.. BERKELEY EXT. 4571, OR LIVERMORE EXT. 2-9548

HIN	SHIP V	/IA (as coded) 1. PICKUP 2. PARCEL POST 3. UPS 4. FEDERAL EXP. 1 0. A.S. R. L. Q.U.S.S.I	5. MOTOR FREIGHT 6. AIR FREIGHT 7. AIR PARCEL POST 8. FEDERAL EXP. 2 9. AIR FRT FORWARDER	TRANSPORTATION T 1. ACCOUNT OF UNIVERS 2. ACCOUNT OF SELLER 3. SEE BODY OF ORDER 1. SANTA CLA) N REVERSE	F.O.B. (as coded) 1. DESTINATION 2. SHIPPING POIL 3. SHIP PT. FREIC	NT	- Silver
	ITEM NO.	LAB CATALOG NO. IF APPLICABLE	DESCRIPTIO	N	QUANTITY	UNIT PRICE	TOTAL PRICE	PROMISED DEL TO CARRIER	_
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		RACRO 218T A 2701VREZ	SUPERSEDES LLAN.	KET ORDER 3	337 YØ∂.				
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The Terms and Conditions On The Reverse Side Constitute A Part Of This Order

Authorized by_

UNIVERSITY OF CALIFORNIA

			•		1		
REQUESTER		BLDG. & ROOM	DELIVER TO:	BLDG. ROOM		EXTENSION	HOLD FOR
Various		VARIOUS	PICY-UP		LANTHER	4596	
APPROVED BY		ACCOUNT NO.	AMOUNT OF P.O.		STAT. CODE	REQ. NO.	DEPT. I.D./J.O.
VARIOUS		9999-99-1	3,357.33		3413200	VARIOUS	
	T CORRESPONDENCE	QUESTIONS TO BUYER:	1 CYCLOTRON RD., BERKE	ELEY, CALIF. 94720		BOX 5012 LIVERMOR	E, CALIF. 94550
BUYER	CODE	ORDER NO.	SELLER CODE	DATE		FROM RECEIPT OF	
LAWIDLE	198	3575930		31/33/9°	4 ELM	INVOICE WHICHEN O - 1/2% 10TH & 25TH 1 - 1/2% 10 DAYS A - 1/2% 15 DAYS	/ER IS LATER. 3 - 1% 30 DAYS F 2% 10TH & 25TI 4 - 2% 10TH PROX
DAL OIL	CERT. UNDER D.P.A.S. REG. 1	This is a rated order certificand you are required to follo Defense Priorities and Alloca CFR Part 350).	w all the provisions of the	TERMS: (AS CO	ODED)	B - 1/4 20 DAYS C - 1/4 10TH & 25TH 2 - 1/4 10 DAYS 9 - 1/4 10TH PROX. D - 1/4 15TH E - 1/4 20 DAYS	G - 2% 15TH 5 - 2% 10 DAYS H - 2% 20 DAYS 6 - 2% 30 DAYS 7 - NET 30 DAYS 8 - AS SHOWN
PROME X			•		UNIVERSI	TY OF CAL	
					OR CONTRAC	ACT NO. W-740: T NO. DE-ACO3- DEPARTMENT OF CHASE ORDER COPY	76SF00098 ENERGY
HIP TO					USE - I	quisitioning Departm NFORMATION COP SITION - DESTROY	
PAGE 2	*				FOR INFORMA	IOT CONTACT SELL TION CALL PURCHA 4571, OR LIVERMOR	ASING DEPT
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HIP VIA (as coded) 1. PICKUP 2. PARCEL PO: 3. UPS	6. A 7. A	OTOR FREIGHT IR FREIGHT IR PARCEL POST	TRANSPORTATION T 1. ACCOUNT OF UNIVERS 2. ACCOUNT OF SELLER F 3. SEE BODY OF ORDER	ITY SEE ARTICLE V O) N REVERSE	F.O.B. (as coded 1. DESTINATION 2. SHIPPING PO	í
4. FEDERAL EX	(P. 1 9. A	EDERAL EXP. 2 IR FRT FORWARDER	V S. SEE BODY OF SHOER	SHIPPING POINT		3. SHIP PT. FREI	
						4.	

MODIFICATIONS OR VARIATIONS TO LBL SHECIFICATIONS MAY OCCUR WITH LBL'S PRICE APPROVAL. LABOR: \$50.00/HOUP, \$200.00 MINIMUM PARTS: LBU SUPPLIED AT TIME OF REQUEST FOR SERVICE. LEL COORDINATORS TIE POLLOWING USERS ARE AUTHORIZED TO REQUESE SERVICES AND INDICATED LEADERS ARE AUTHORIZED TO CERTIFY INVOICES UNDER TEIS ORDER. USERS ARE TO GIVE LEL ACCOUNT NUMBER FOR THEIR SPECIFIC JOB. SPILER WILL NOTE LBL ACCOUNT ON INVOICES PER SPECIFIC JOB. GROUP LEL ACCOUNT USER EXPENDITURES BOS MINOR. LEADER 7374-21 52.500.00 MIKE LAVI 7974-31 JIM HUNTER, LEADER 377-2-XX \$3,752.00 JAY MARX XX-5658 Las BRAUN 3032-XX BBBR-XX TOP, NOGGLI GRORG-SMAP RITTER 3052-XX HOBERT BLY, LAADER 7516-53 53,700.30 CARL RABER 7919-32 --COSTINUED OF 0173

The Terms and Conditions On The Reverse Side Constitute A Part Of This Order

Authorized by______UNIVERSITY OF CALIFORNIA

REQUESTER	*/	BLDG. & ROOM	DELIVER TO:	BLDG. ROOM	NOTIFY	EXTENSION	HOLD FOR
VARIOUS		VARIOUS	PICK-UP		LAWTHER	4596	
VARIOUS		ACCOUNT NO. 9999-99-1	9,950.20		3413200	VARIOUS	DEPT. I.D./J.O.
SUBM	IT CORRESPONDENCE	QUESTIONS TO BUYER:	1 CYCLOTRON RD., BERKE	LEY, CALIF. 94720		BOX 5012 LIVERMORE	, CALIF. 94550
LARTHES	196	ORDER NO. 3575907	SELLER CODE	31/33/94	F BLM	FROM RECEIPT OF INVOICE WHICHEVI O - 1/2% 10TH & 25TH 1 - 1/2% 10 DAYS A - 1/2% 15 DAYS	ER IS LATER. 3 - 1% 30 DAYS F - 2% 10TH & 25TH 4 - 2% 10TH PROX.
D() 五艺	CERT. UNDER D.P.A.S. REG.	This is a rated order certifier and you are required to follow Defense Priorities and Allocati CFR Part 350).	v all the provisions of the	A.	DDED)	B - 1/4% 20 DAYS C - 1/4% 10TH & 25TH 2 - 1/4% 10 DAYS 9 - 1/4% 10TH PROX. D - 1/4% 15TH E - 1/4% 20 DAYS	G - 2% 15TH 5 - 2% 10 DAYS H - 2% 20 DAYS 6 - 2% 30 DAYS 7 - NET 30 DAYS 8 - AS SHOWN

PROMISE

SHIP TO

MAGE

UNIVERSITY OF CALIFORNIA

FOR CONTRACT NO. W-7405-ENG. 48 OR CONTRACT NO. DE-AC03-76SF00098 WITH THE DEPARTMENT OF ENERGY **PURCHASE ORDER COPY 3**

To: Requisitioning Department USE - INFORMATION COPY DISPOSITION - DESTROY

DO NOT CONTACT SELLER FOR INFORMATION CALL PURCHASING DEPT.. BERKELEY EXT. 4571, OR LIVERMORE EXT. 2-9548

SHIP VIA (as coded) 1. PICKUP 2. PARCEL POST 4. FEDERAL EXP. 1

5. MOTOR FREIGHT 6. AIR FREIGHT 7. AIR PARCEL POST 8. FEDERAL EXP. 2

TRANSPORTATION TERMS (as coded)

1. ACCOUNT OF UNIVERSITY SEE ARTICLE V ON REVERSE
2. ACCOUNT OF SELLER PREPAID
3. SEE BODY OF ORDER

SHIPPING POINT

F.O.B. (as coded)

1. DESTINATION

2. SHIPPING POINT

3. SHIP PT. FREIGHT ALLOWED

-

844

9. AIR FRT FORWARDER LAB CATALOG NO. IF APPLICABLE DESCRIPTION QUANTITY UNIT PRICE TOTAL PRICE INVOLCE SELLER SHALL SUBMIT INVOICES IN DUPLICATE, IN APREARS FOR SERVICES PERFORMED TO UNIVERSITY OF CALIFORNIA. LARRENCE BERKELLY LABORATORY, ACCOUNTING OFF CE, P.O. BOK des, BERKELEY, CA 94701. BELLER IS TO STATE USL GROUP ACCOUNT NUMBER DN INVOICE. IN ADDITION TO THE TERMS AND CONDITIONS ON THE REVERSE OF THIS PURCHASE DOCUMENT. THE PROVILIONS UR ARTICLES LISTED SELOW AND ATTACHED HERETO ARE MADE A PART OF THIS ORDER AND ARE SINDING. 1. ADDSNDOM NO. 1 (RL-2350-1) 2. AFFIRMATIVE ACTION FOR HANDICAPPED WORK BRU (RL-235 3. ADDENDOM NO. 3 (RL-3369-2) THE FOLLOWING PATENT, DATA, COPYRIGET ARTICLES ATTACHED ABRETO, ARE HERERY MADE A PART OF THIS ORDER 1. REPORTING OF POYALTIES (RL-2358 ROR) CHIC ECCS-IE) YIINMEDNI TRETAG . S PIGNTS IN DATA-GENERAL WITH ALTERNATES, . II. III. AND v avo dos suppl. su PARA. (D)(S) (R1-33) RIDG) SUBCONTRACTOR LICEUSING (RL-2358 SLLRDROS

The Terms and Conditions On The Reverse Side Constitute A Part Of This Order

Authorized by_

UNIVERSITY OF CALIFORNIA

BLANKET ORDER INSTRUCTIONS

These instructions are issued to requesters and users of blanket orders to inform them of their responsibility to administer blanket orders.

Blanket orders provide continued service or delivery of varying materials or supplies at fixed rates or prices from a specific supplier over a year or longer terms.

As a requester of the attached Blanket Order, your first responsibility is to read the order and to ensure that all users are provided a copy of these instructions and the blanket order.

Only those listed as authorized users are allowed to request services or supplies under this order.

Only those supplies and/or services listed in the order may be requested.

Any other usage will be considered an unauthorized procurement.

It is the requester's/user's responsibility to monitor the following:

- Total expenditures are not exceeded.
- Shipping address and users name is correct at time of release under the blanket order.
- Verify the packing list to ensure it is complete and accurate in accordance with order.
- Errors in shipment are corrected.
- Invoicing is accurate and in compliance with order pricing.
- Renewal of Blanket Order is prior to expiration date.
- No releases are requested against expired or over expended blanket orders.

If you have questions concerning the proper use of this Blanket Order, please contact the Buyer.

REQUESTE	ER (BLD	G. & ROOM	DELIVER TO:	BLDG.	ROOM	NOTIFY	EXTENSION	HOLD FOR/J.O.
L. BRA	AUN/S	CHOW ,		70 - 313	S. CHOW	25A	- 119	STEVEN C	HOW 5948	
APPROVE		Wasell h	ACC.	COUNT NO.	AMOUNT OF P.O.			STAT. CODE	135690	
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								CARRIER	DELIVERY RECEIPT	NUMBER
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	N.	C. Chemical R. Radiological		L. Laser M. Microwave	S. Service Contracts O. Other Hazards					
SHIP BY		B. Biological		X. X-Ray	N. No Hazards			lron		PROMISED DELIVERY TO CARRIER
SHIP BY					SHIP FROM			F.O.B.		
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PRINT NUMBERS UNIVERSITY OF CALL LAWRENCE BERKELE	IFORNIA SERIAL NUMBER EY LAB
REQUEST FOR PROCUE EQUESTER R. WELLS M.S. 10A/3307	DATE REQUESTED 5/13/94
A	
	DATE NEEDED 5/16/94
BLDG 70 ROOM 314	
ACCOUNT NO. 8052-24 AUTHORIZED SIGNATURE	Kussell Wille
QUANTITY DESCRIPTION	APPROX PRICE
2 MAKE QUANTITATIVE MEASUR OF FRACTION OF BROMINE IN FIBERGLASS SAMPLE	(By WT.) # 200-
PICK-UP SAMPLES FROM JOHN BERCOVITZ 70/257	
VENDOR CAL-COAST ANALYTICAL	SHIP CODE
ADDRESS	TOTAL COST
CITY EMM SAYVILLE STATE CA	P.O. NO
PHONE NUMBER 652 - 2979	TERMS
CONTACT Robert Hassner	PICK UP DATE
REMARKS REPORT TO BE FAXED TO 486-7105	TIME AFTER
W/ HARD COPY MAILED TO 70A/3307	CLOSED DURING YES NO LUNCH
REQUISITION NUMBER	VEHICLE

XBG 662 (REV.2/92)

REMARKS: AVAILABLE FROM ALLIED SIGNAL

7600-55438
RL 2350 (REV. 10/85) CONMET PAT NIEL 319-864-4246 PHONE Authorized By ___ OR SCOTT PETERSON 612-897-6556 FAX

SAME RUN AS B-M ORDER

REQUESTED BY		2001年		BLDG.		ROOM	DELIVERY TO B		RM		NOTIFY	ist. How			(T.		HOLD FOR ACCT./J.O.
APPROVED BY	IELLS	5		70 ACCOUNT NO.	31	4	AMOUNT OF P.O	155m	SELLER COL		STAT. CO	MARIA	SELLER'S	59 NAME	01		
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SELLER_											DATE OF	INSPECTION		RECEIVA	AL & INSPE	CTION CE	RTIFIED BY:
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Olifor											CARRIER			DELIVE	RY RECEIPT	NUMBER	
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Placed	Date			Contact													
S RESERVED THE	D REVIEW	- At least on		must be che	cked:							JMNS BEL				G,	
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OR Scott Perrasm 612-897-4556 Fix

PURCHASING

-1EQUESTED BY				BLDG.	ROOM	DELIVERY TO BLDG.	RM.	NOTIFY		EXT.	HOLD FOR ACCT./J.O.
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		t least on		must be check	ed:			RECEIVING AN			~
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7600-55438 RL 2350 (REV. 10/85)

Authorized By ______PURCHASING

REQUESTED BY		ŝţ	BLDG.	ROOM	DELIVERY TO BLDG.		RM.	5¢), (A)	14
R. W	ELL	2	70	314	-		nm.	R WE	7 EXT.	HOLD FOR ACCT./J.O.
APPROVED BY	olit	litelo	ACCOUNT NO.	1 - 24	AMOUNT OF P.O.	SEL	LER CODE	STAT, CODE	SELLER'S NAME	F9 (1)
AUTHORIZATI	ON	\$10.000	\$50,000	OVER	SB	ВВ		UNIVERS	ITY OF CAL	IFORNIA
		CODE	ORDER NO.	1,200	REQ. 4/39	194			HASE REQUISI	
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SELLER/	112	1-1	4111	<i>/</i>				DATE OF INSPECTION	RECEIVAL & INSP	ECTION CERTIFIED BY:
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City	A_{i}	t kirds	(// Sy	ate //	1 67	<u>16</u> 0		CARRIER	DELIVERY RECEIF	TNUMBER
Placed	Date	 	Contact	4/11/4	45					
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[] Biol	diological ogical	Į.	Microwave X-Ray		[] Other Hazards [] No Hazards	S			RS MAY USE PRICE (
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7600-55438 RL 2350 (REV. 10/85)

Authorized By ______PURCHASING

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REQUESTED BY	BLDG. 70 2	ROOM DELIVERY TO BLDG.	RM.	3	R. INF	LLS -	HOLD FOR ACCT./J.O.
APPROVED BY	Vela 8052	AMOUNT OF P.O. 90	SELLER COD	Ε .	A STATE OF THE PARTY OF THE PAR	ELLER'S NAME	
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And the second second second second	CODE ORDER NO.	REO. 4/28/	194	•			CALIFORNIA
(still	13/ 4811	DATE NEEDED 6/1	194			IASE REQ	UISITION AC03-76SF00098
COST NOT TO EXCEED	REFER BIDS TO REQ. NO.	TERMS: FROM RECEIP OR INVOICE WHICHEVER				WITH THE	
# 22000	4102	64 7		REQU			NATION PURPOSES
SHADED AREA FOR PUI	RCHASING USE ONLY.	1			DATE MATERIAL RECEIVED:	PACKING	LIST NO.
SELLER HHS					-	94	1-126789
6131	DEVAMUS			· ·	DATE OF INSPECTION	Management Commence of the Com	. & INSPECTION CERTIFIED BY:
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City & Jill	State	1000 . 410	_		CARRIER	DELIVERY	RECEIPT NUMBER
Placed Date	Contact Contact	HILLID	_		U95		
HAZARD REVIEW - At	least one box must be checked	: [] Service Contract	ts	50	RECEIVING AND		
[] Radiological	[] Microwave [] X-Ray	Other Hazards No Hazards					RICE COLUMNS IF CEEDS \$1000.00
SHIP BY	3	SHIP FROM	7		F.O.B.	COTIMATE EX	PROMISED DELIVERY TO CARRIER
ITEM NO. LAB CATALO	OG NO. ITEM, SPECIFIC	CATIONS, CATALOG REFERENCE	CE QUA	NTITY	UNIT PRICE	TOTAL PR	QUANTITY ACCEPTED AS ORDERED
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			14				
REMARKS: First or							
REMARKS: FLITTIE 7600-55438 RL 2350 (REV. 10/85)			Aut	thorized By		PURCHASIN	

Ī	REQUESTER R. WELLS		BLDG. & ROOM 70/31		DELIVER TO:		BLDG. ROOM	NOTIFY	EXTENSION	HOLD FOR/J.O.
/-	APPROVED BY R. Wells(sof)	8052-2	25	AMOUNT OF P.O. \$200.00	4		STAT. CODE 1813203	733625	
-	AUTHORIZATION BUYER MEHREN-	\$10,000 CODE - 535		\$50,000	OVER REQ. DATE 5/13/94		DATE NI 5/16/94		UNIVERSITY OF	
	COST NOT TO EXCEED						TERMS:		FOR CONTRACT NO. WITH DEPARTMENT	DE-AC03-76SF00098 THE
	SELLER CALC	FOR PURCHAS OAST ANA WATTS ST	LYTICAL						REQUISITION	ONER COPY
	Street	RYVILLE	CA	State				DATE MATERIAL RECEIVED 7.94	PACKING LIST NO. 0513-7	A/B-94
	Placed Da		ROB	Contact	0-652-297	9		DATE OF INSPECTION	RECEIVAL & INSPECT CERTIFIED BY:	
	HAZARD REVIE	W - Enter one of the le C. Chemical R. Radiological B. Biological	L. Las	er crowave	S. Service Contrac O. Other Hazards N. No Hazards	ots	2	CARRIER LBL	DELIVERY RECEIPT N	PROMISED DELIVERY
	SHIP BY				SHIP FROM			F.O.B. 2		TO CARRIER
	ITEM NO:			ALOG REFERENCE			QUANTITY	UNIT PRICE	TOTAL PRICE	QUANTITY ACCEPTED AS ORDERED
	FRA	E QUANTII CTION OF I RGLASS S	BROWIN	E (BY WT		As a	2 EA	100.00	\$200.00	2
	DE	VAILABLE FI LOX WB	Y(N)A	Foreign						
	REMARKS: St	ste, UC, LBL	Y(N)A Y(N)A	Sole Source Price Reaso	Basis 2	_	Authorized By	PO Amount	\$200.00	chnon
	BI	ind-Prison	MANA	Price List !	To Date		Authorized By	()	PURCHASING	rocen

UNIVERSITY OF CALIFORNIA

LAWRENCE BERKELEY LABORATORY

SEP 08 1994

70

BLDG:

MAIL TO: L BRAUN/S CHOW

ROOM: 313

FACILITIES DEPARTMENT

FOLD TO HERE

LAWRENCE BERKELEY LABORATORY **CERTIFICATION TRANSMITTAL** FIRST NOTICE - 09/02/94

TO: L BRAUN/S CHOW

BLDG: 70

ROOM: 313

FROM: MYONG CHOI ACCOUNTS PAYABLE

BLDG: 936B EXT: 7406

ROOM: 0244A

PO#:

47075A2

VENDOR: ETCH-TEK INC

INVOICE: 13052

DATE: 09/02/94

AMOUNT:

\$4,205.00

PLEASE SIGN THE CERTIFICATION BELOW, AND RETURN TO ACCOUNTS PAYABLE BY ** 09/16/94 **

NOTE THAT IF THIS NOTICE IS NOT RETURNED PROMPTLY, A SECOND REQUEST WILL BE SENT TO YOUR DIVISION ADMINISTRATOR.

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### ETCH-TEK, INC.

2455 Bates Avenue Concord, CA 94520 Telephone (510) 671-9800 FAX (510) 671-0151

Ces Braun



2% 10 NET 30 Terms:

Invoice # 13052

47075A2

Transaction Date: 08/26/94

Due Date: 09/25/94

Discount Date: 09/05/94

Sold To:

PO No.:

UC Lawrence Berkeley Labs Account Office Box 5001 Livermore, Ca 94550 Attention: Accounts Payable Ship To:

UC Lawrence Berkeley Labs 2700 7th Street

Berkeley, Ca 94710

Item ID	Description	Qty	[][7]	Price	Extension
P.C. Boards	A000873U1 Rev A				
	Job#0598-01	2,00	Ea	1,730,00	3,460,00
Toolins					
		1.00	Ea	495.00	495.00
Fixture					L
2		1.00	Ea.	250,00	250.00
Solder Sample	Chanse Order				4
		1.00		0.00	0.00
3 Ness/6 Pos	Gerbers				
		1.00		0.00	0.00
Will Call	2 Boxes				
		1.		0,00	0.00

Subtotal

4,205.00

Total Invoice

4,205.00

101 UCLBL873

Net Due

4,205,00

7600 70787 RL-2350 8 (Rev 488) 8-25 + 3

8-25 + 3 WKS = 9-15

RL-2350 B (Rev 4/88)

8-25 + 3 WKS = 9-15

							K-ac	09/09/94
QUES	4	BLDG. & ROOM	DELIVER TO:		BLDG. ROOM	NOTIFY	EXTENSION	HOLD FOR
	AUN/CHOW	70 313	CHOW 2	25 A	119	STAT. CODE	5948 REQ. NO.	DEPT. I.D./J.O.
T) A	IRIKI/WELLS	8052-24-1	6 205 0	ia l		6812200	1356 90	
110		DENCE/QUESTIONS TO BUYER:			LEY, CALIF. 94720		BOX 5012 LIVERMORE.	
_/		CODE ORDER NO.	SELLER COD	E	DATE		FROM RECEIPT OF C	R IS LATER.
CA	MPBELL 16	1 4707602			Ø8/18/94	ELM ELM	O - 1/1% 10TH & 25TH 1 - 1/1% 10 DAYS A - 1/1% 15 DAYS	3 - 1% 30 DAYS F - 2% 10TH & 25TH 4 - 2% 10TH PROX.
AT	ED ORDER   CERT, UN D.P.A.S.		fied for national defen	se use,	TERMS: (AS CO	DDED)	B - 1/% 20 DAYS C - 1% 10TH & 25TH 2 - 1% 10 DAYS	G - 2% 15TH 5 - 2% 10 DAYS H - 2% 20 DAYS
		Defense Priorities and Alloc CFR Part 350).	cations System regula	tion (15	7		9 - 1% 10TH PROX. D - 1% 15TH E - 1% 20 DAYS	6 - 2% 30 DAYS 7 - NET 30 DAYS 8 - AS SHOWN
						UNIVERSI	TY OF CALI	FORNIA
14 24 00	CH-TEK INC. TN: MR. KEN 55 BATES AV NCORD, CA 9				FOF Univ	PURC FOR CONTRA OR CONTRA WITH THE R RESALE-State Sa versity holds State	HASE ORD RACT NO. W-7405 ACT NO. DE-AC03 DEPARTMENT OF ales Tax should not be Sales Tax Permit SR	ER 5-ENG. 48 76SF00098 ENERGY charged, as the CH 21-835970
	C. LAWRENCE	BERKELEY LABOR			SR-		ence Berkeley Laborat or deliveries to Lawre	
27	R THE U.S. ØØ 7TH STRE RKELEY, CA	4 강성용 (China) 등 시간 1년 개인 전 10 10 10 10 10 10 10 10 10 10 10 10 10	ENERG I			LAWRENCE LIVER Accounting LIVERMO	OICE IN DUPLICATE TO SITY OF CALIFORNIA MORE NATIONAL LABO I Office - P.O. BOX 50 RE, CALIFORNIA 945 Order Number show	RATORY 201 50
c o	NETRMING TE	LEPHONED ORDER	TO KEN BI	CARI	ON Ø8 N	must appear of	n your invoice to	facilitate
	/IA (as coded)	5. MOTOR FREIGHT			ERMS (as coded		F.O.B. (as coded	
,	1. PICKUP 2. PARCEL POST 3. UPS 4. FEDERAL EXP. 1	6. AIR FREIGHT 7. AIR PARCEL POST 8. FEDERAL EXP. 2 9. AIR FRT FORWARDER	2. ACCOUNT OF 3. SEE BODY OF	SELLER	PREPAID  SHIPPING POINT	IN HEVERSE	1. DESTINATION 2. SHIPPING POI 3. SHIP PT. FREIG	
ð	O.BEST WAY		1 CONCO	RD.		A STATE OF S	1 4.	
EM O.	LAB CATALOG NO. IF APPLICABLE	DESCRIP	PTION 15.		QUANTITY	UNIT PRICE	TOTAL PRICE	PROMISED DEL TO CARRIER
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	BE FABRICA	RING BOARDS, MUTED IN STRICT A	CCORDANC	3			s of the same of t	
1		MOUNT BOARD (A			PANELS	1551.25 PANEL		Ø9/Ø8/9
	REVERSE OF OR ARTICLE	N TO THE TERMS THIS PURCHASE S LISTED BELOW PART OF THIS	DOCUMENT AND ATTAC	THE	E PROVI	IONS		
	BINDING.							
	2. AFFIRMA 3. ANTI-KI	M NO. 1 (RL-236 TIVE ACTION FOR CKBACK PROCEDUR	HANDICAI	PPEI 358	WORKER AK)	(RL-235	8 EH)	
	4. ADDENDU	M NO. 2 (RL-236	5Ø-2)			* - €		
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REQUEST	Chow .	BLDG. & ROOM	DELIVER TO:	BLDG. RO	OM NOTIFY	EXTENSION	03/03/9 HOLD FOR
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RL-2354 (REV. 4-91) 7600-64288

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PURCHASING MANAGER OR DESIGNEE

RL2368 (REV. 6/82) 7600-54555

REQUEST	ED services and a service and	BLDG. & ROOM	DELIVER TO:	BLDG. ROOM	NOTIFY	EXTENSION	05/05/5 HOLD FOR
l .	LLS/CHOW	254 - 119	CHOW 2	54 -131		OW 5949	
APPROVE		ACCOUNT NO.	AMOUNT OF P.O.		STAT. CODE	REQ. NO.	DEPT. I.D./J.O.
MEI	LLS	8052-24-1	T 1 CYCLOTRON BD. BERKEL	5V CALLE 94720	1812200	136160 BOX 5012 LIVERMORE, C	CALLE 04550
YER		ENCE/QUESTIONS TO BUYER: ODE ORDER NO.	1 CYCLOTRON RD., BERKEL SELLER CODE	DATE		FROM RECEIPT OF GO	OODS OR
T MA	RQUYIS 263	4963402	" TEN	06/29/99	4 CAL	O - ½% 10TH & 25TH S 1 - ½% 10 DAYS A - ½% 15 DAYS	3 - 1% 30 DAYS F - 2% 10TH & 25TH 4 - 2% 10TH PROX.
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ТО		OFFI Fait 600).			IINIVERSIT	TY OF CALIF	
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		LEY LEABORATOR			DO N	OT CONTACT SELLER	3
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-4» OLUD V	"A (ac acded)	T MOTOR EREIGHT	TRANSPORTATION T	FRMS (as coder	d) .	F.O.B. (as coded)	
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in the	ACCORDANCE	WITH UCLBL ENG	INEERING				
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RL-2354 (REV. 4-91) 7600-64288

UNIVERSITY OF CALIFORNIA

BRA	UN/S. CHOW	BLDG. & ROOM - 313	S. CHOW	25A - 119	STEVEN CH	10W 5948	
ROVE		8052-24	AMOUNT OF P.O.			135680	
	ZATION \$10,000	550,000 □	OVER 🗆			2000	
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OST NO	тто	1/A		TERMS:		FOR CONTRACT NO.	
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	ED AREA FOR PURCHAS	ING USE ONLY.		0 4 m		DEPARTMENT	OF ENERGY
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Street					DATE MATERIAL RECEIVED:	PACKING LIST NO.	
	CONFORD	, ca 9452	0		8-76-9	120	52
City		KEN BERRI			DATE OF INSPECTION	RECEIVAL & INSPECT	
Placed	4 - 14 Date	Contact		$\rightarrow$	DATE OF INSPECTION	CERTIFIED BY:	
					8-264	4 130	Š
				6	CARRIER	DELIVERY RECEIPT N	IUMBER
HA	ZARD REVIEW - Enter one of the le			(2)	V		
	C. Chemical R. Radiological	L. Laser . M. Microwave	S. Service Contracts O. Other Hazards				PROMISED DELIVERY
	B. Biological	X. X-Ray	N. No Hazards		Ison		TO CARRIER
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IO.		CATIONS, CATALOG REFEREN		QUANTITY	UNIT PRICE	TOTAL PRICE	AS ORDERED
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7600-70787 RL-2350-B (Rev. 4/88)

. WELLS /S. CHOW	25A - 119	S. CHOW	25A - 131	STEVE CH	EXTENSION 594	HOLD FOR/J.O.
Musself Wille THORIZATION \$10,000	account no. 8052-24 □ 5653婦婦皇	AMOUNT OF P.O.  1,702.30  OVER		STAT. CODE 6813200	1370 60	
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treet.	CLARA CA 9	5051		DATE MATERIAL RECEIVED:	PACKING LIST NO.	
laced 9 - 8	State MIKE GRIE	FFIN		DATE OF INSPECTION	RECEIVAL & INSPEC	TION
Care	Contact			CARRIER	DELIVERY RECEIPT	Williams
HAZARD REVIEW - Enter one of the let	ters in the box below.	S. Service Contracts		CARRIER	DELIVERY RECEIPT	NUMBER
R. Radiological B. Biological	M. Microwave X. X-Ray	O. Other Hazards N. No Hazards				PROMISED DELIVERY TO CARRIER
ф- 8 = ST		HIP FROM		F:O.B:	2	10-6
	CATIONS, CATALOG REFERENCE		QUANTITY	UNIT PRICE	TOTAL PRICE	QUANTITY ACCEPTED  AS ORDERED
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ON PWB'S SHALL	BE DONE IN STRICT					
	TH UCLBL ENGINEE	RING				
INSTRUCTION NU	MBER 137060.					
1. A000871U1 REV. I	B (ANODE SIGNAL	FEEDTHRU)	360 EA	2.57 EA	925.20	
2. A000871U1 REV.	A (ASFB)		30 EA	2.57	77.10	. (5
3. HRE/SOLDER 5	TENCILS (2)		1 607	700.00	700.00	
Santa Cla	mead Village Dr. ara, CA 95051 MICHAEL GRIFFIN 5-0222				1,702.30 5	

R. WELLS / S. CHOW	25A - 119	S. CHOW	25A - 131	NOTETEVE CH	OW 5948	HOLD FOR/J.O.
APPROVED BY	8052-24	AMOUNT OF P.O.		STAT. CODE	137160	
JTHORIZATION \$10,000 BUYER CODE	\$50,000 S	OVER 🖼	T DATE A	IEEDED		
	3 Organico	8/29/94		19/94	UNIVERSITY OF	
COST NOT TO EXCEED			TERMS		PURCHASE F	
			<i>j</i> :		FOR CONTRACT NO. WITH DEPARTMENT	THE
SHADED AREA FOR PURCHAS	ING USE ONLY.				DEFANIMENT	OF ENERGY
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Date	Contact				CERTIFIED BY	
				CARRIER	DELIVERY RECEIPT N	UMBER
HAZARD REVIEW – Enter one of the le	etters in the box below.  L. Laser	S. Service Contracts				
R. Radiological B. Biological	M. Microwave X. X-Ray	O. Other Hazards N. No Hazards		100 March 1980		PROMISED DELIVERY
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пем				( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( )		
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	64 EA		<del> </del>			
			ļ			
3. A000897U1 REV.	A (LOAB - IS)					
4. A000874U1 REV.	A (GRID WIRE TER	MINATION				
	104 FA.					
REMARKS:			Authorized By	·		

PRINT NU	UNIVERSITY OF C	
	REQUEST FOR PRO	
REQUESTER Rid	117,1	DATE REQUESTED SEPT 21
DELIVER TO		DATE NEEDED SEPT ZZ
	A ROOM WEST EN	
ACCOUNT NO. $\underline{\mathscr{B}}$	057-74 AUTHORIZED SIGNATUR	E Julas
QUANTITY	DESCRIPTION	APPROX PRICE
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	GRIP RANGE C	0,5 TO DOG INCHES
		OR DOUBLE EYE
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	ONLY NEED HE	FOR THURSDAY
13	BALANCE W	MONDAY, ITHIN I MONTH
	n OK: KEANNY	9
ONE POS	SIBLE (THOUGH NOT	NECESSAMILY CHEAD) SOURCE,
VENDOR Alam	eda Electrical Die	SHIP CODE
	Blandina Ave	TOTAL COST
CITY Alamed	2 CA 94501 STATE CA	
	0-523-6933 Fax 510-523	
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he seven in	the nornery but o	20//
REQUISITION		LUNCH 125
NUMBER XBG 662		VEHICLE
(REV.2/92)		

PRINT NU	UNIVERSITY OF CALIFORNIA	SERIAL NUMBER
	LAWRENCE BERKELEY LAB	
	REQUEST FOR PROCUREMENT	
REQUESTER Rie	h Weidenbach DATE REQUESTED	9-23-94
DELIVER TO	DATE NEEDED	9-27-94
BLDG	ROOM Z57 C PHONE NUMBER _	486-7031
account no. <u>80</u>	( 10/1/)	
QUANTITY	DESCRIPTION	APPROX PRICE
60	Hex Socket Head Cap Scra	ew _
	4-20 UNC X . 625 Lg	
	Material Alloy Steel	

VENDOR BOWLIN	SHIP CODE
ADDRESS 10th St	TOTAL COST
CITY Berkeley STATE CA	P.O. NO
PHONE NUMBER 527-8282	TERMS
CONTACT	PICK UP DATE
REMARKS Black Ox, de OK	TIME AFTER
	CLOSED DURING YES NO LUNCH
REQUISITION NUMBER	VEHICLE
YBG 662	

XBG 662 (REV.2/92) É

REQUESTER	BLDG. & ROOM	Included To	TEAR LAND		9/16/9	°9
AL KANZAKI	25A - 119	DELIVER TO:	BLDG. ROOM	NOTIFY	EXTENSION	HOLD FOR/J.O.
APPROVED BY DUTICOUTE	ACCOUNT NO.	Al Kanzaki AMOUNT OF P.O.	25A - 119	AL KANZAK STAT. CODE	BEO NO	30.00
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COST NOT TO	13301911	8/25/94	9/9/94		PURCHASE I	REQUISITION
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\$437.50 SHADED AREA FOR PURCHAS	ania uaz a		& 7		WITH DEPARTMENT	THE
		121	10	r /		
SELLER STESALIT AG		NU	10	REQUI	SITIONER COPY	
c/o Pan Amer	ican Composites			<b>4</b>		7.1
Street			-	DATE MATERIAL	PACKING LIST NO.	
Mission Viejo,	CA			RECEIVED:		
8-26-94	Nick Spenser					
Placed Date	Contact		-	DATE OF INSPECTION	RECEIVAL & INSPECT	TION
	Contact				CERTIFIED BY.	en de la companya de
				CARRIER	DELIVERY RECEIPT N	IUMBER
HAZARD REVIEW - Enter one of the le						
C. Chemical R. Radiological	L. Laser M. Microwave	S. Service Contracts O. Other Hazards				
B. Biological	X. X-Ray	N. No Hazards		9/1	4/94	PROMISED DELIVERY
#F D1	√   s	HIP FROM	,	F.O.B.		
TEM		/	(		2 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	4.
ITEM, SPECIFI	ICATIONS, CATALOG REFERENCE		QUANTITY	UNIT PRICE	TOTAL PRICE	AS ORDERED
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			25 2		1.70	Territoria
	\$17.50 PER SQ.		50 METERS	1///	75/3	
==(G-10 Mater	ial, NO BROMINE	, LBL WILL		-IN-U	1.4 4	
TEST FOR BROMI	NE)	<del></del>		4146	-7-1-17	
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## Buckbee-Mears St. Paul

A UNIT OF BMC INDUSTRIES, INC

University of California Bldg. 69, 1-Cyclotron Road Berkeley, Calif. 94720

Attention: Campbell 161

Subject: Buckbee-Mears Quotation #71517 - 49

Reference: Your inquiry; 3487702.

24A09126; Phases 5, 6, & 7; Star TPC.

G10, .062"+/-.005" thick, C.5/C2

We are pleased to offer you the following prices for your inquiry.

#1 Phototool:\$3	,200	Non-recurring
#2 Phototool:\$4	,084	Non-recurring
#3 Phototool:\$5	,160	Non-recurring
Drill tape:	\$250	Non-recurring
Rout tape:	\$250	Non-recurring

<u>Quantity</u>	<u>Price</u>
-----------------	--------------

Phase	5>	28	\$1,122.04	ea.
Phase	6>	28	\$1,177.32	ea.
Phase	7>	28	\$491.70	ea.

Phase 5: Double-sided, plated thru holes, bonded to pre-preg., & Insulator Board, immersion tin plated.

Phase 6: Double-sided, plated thru holes, bonded to pre-preg., &

Insulator Board, tin/lead plated.

Phase 7: Insulator Board. Add to above phase 5 or 6 pricing. Artwork option 1: Film plots; film contacts. Artwork option 2: Film plots; glass contacts. Option 3: Glass plots; glass contacts UCLBL supplied art data on disc.

Tolerance of +/-.005" on G10 thickness quoted by material

Supplier.

Estimated initial delivery: To be scheduled.

The terms and conditions printed on the back of this letter constitute an integral part of this quotation. We hope you will allow us to perform this work for you. If you should have any further questions, please do not hesitate to call me, Maxine Pfeiffer (612)228-6581, or your Technical Representative, Barbara Snider (415)345-6818.

Yours very truly,

Customer Service Representative

## Buckbee-Mears St. Paul

A UNIT OF BMC INDUSTRIES, INC.

University of California Bldg. 69, 1-Cyclotron Road Berkeley, Calif. 94720

Attention: Campbell 161

Subject: Buckbee-Mears Quotation #71517 - 48

Reference: Your inquiry; 3847702.

24A0916; Phases 3 & 4; Star TPC. G10, .062"+/-.005" thick, C.5/C2

We are pleased to offer you the following prices for your inquiry.

#1 Phototool--:\$3,200 Non-recurring #2 Phototool--:\$4,084 Non-recurring #3 Phototool--:\$5,160 Non-recurring Drill tape----: \$250 Non-recurring Rout tape----: \$250 Non-recurring

#### Quantity Price

Phase 3---> 28 \$1,079.22 ea. Phase 4---> 28 \$1,152.17 ea.

Phase 3: Board, double-sided, plated thru holes, bonded to pre-

preg., immersion tin plated.

Phase 4: Board, double-sided, plated thru holes, bonded to pre-

preg., tin/lead plated.

Artwork option 1: Film plots; film contacts. Artwork option 2: Film plots; glass contacts. Artwork option 3: Glass plots; glass contacts.

UCLBL supplied art data on disc.

Tolerance of +/-.005" on G10 thickness quoted by material Supplier.

Estimated initial delivery: To be scheduled.

The terms and conditions printed on the back of this letter constitute an integral part of this quotation. We hope you will allow us to perform this work for you. If you should have any further questions, please do not hesitate to call me, Maxine Pfeiffer (612)228-6581, or your Technical Representative, Barbara Snider (415)345-6818.

Yours very truly,

Customer Service Representative

## Buckbee-Mears St. Paul

A UNIT OF **BMC** INDUSTRIES, INC

University of California Bldg. 69, 1-Cyclotron Road Berkeley, Calif. 94720

Attention: Campbell 161

Subject: Buckbee-Mears Quotation #71517 - 47

Reference: Your inquiry; 3847702.

24A0916; Phases 1 & 2; Star TPC. G10, .062"+/-.005" thick, C.5/C2

We are pleased to offer you the following prices for your inquiry.

#1 Phototool:\$4	,800	Non-recurring
#2 Phototool:\$5		Non-recurring
#3 Phototool:\$6		Non-recurring
Drill tape:		Non-recurring
Rout tape:		Non-recurring

#### Quantity Price

Phase 1---> 28 \$994.17 ea. Phase 2---> 28 \$1,028.07 ea.

Phase 1: Board, double-sided, plated thru holes, no cover,

immersion tin plated.

Phase 2: Board, double-sided, plated thru holes, no cover, tin/lead plated.

Artwork option 1: Film plots; film contacts. Artwork option 2: Film plots; glass contacts. Artwork option 3: Glass plots; glass contacts.

UCLBL supplied art data on disc.

Tolerance of +/-.005" on G10 thickness quoted by material Supplier.

Estimated initial delivery: To be scheduled.

The terms and conditions printed on the back of this letter constitute an integral part of this quotation. We hope you will allow us to perform this work for you. If you should have any further questions, please do not hesitate to call me, Maxine Pfeiffer (612)228-6581, or your Technical Representative, Barbara Snider (415)345-6818.

Yours very truly

Customer Service Representative

245 East 6th Street St. Paul, MN 55101 612/228-6400 FAX 612/228-6572

## **Buckbee-Mears** St. Paul

A UNIT OF BMC INDUSTRIES, INC

October 29, 1993

University of California Bldg. 69, 1-Cyclotron Road Berkeley, Calif. 94720

Attention: Campbell 161

Subject: Buckbee-Mears Quotation #71517 - 44

Reference: Your inquiry; 3487702.

24A3736; Phases 5, 6, & 7; Star-Inner Sect.

G10, .062"+/-.005" thick, C.5/C2

We are pleased to offer you the following prices for your inquiry.

#1 Phototool--: \$739 Non-recurring #2 Phototool--:\$1,144 #3 Phototool--:\$3,237 Non-recurring Non-recurring Drill tape---: \$250 Non-recurring Rout tape----: \$250 Non-recurring

#### Quantity Price

Phase	5>	28	\$1,026.18	ea.
Phase	6>	28	\$1,081.46	ea.
Phase	7>	28	\$491.70	ea.

Phase 5: Double-sided, plated thru holes, bonded to pre-preg., & Insulator Board, immersion tin plated.

Phase 6: Double-sided, plated thru holes, bonded to pre-preg., & Insulator Board, tin/lead plated.

Phase 7: Insulator Board. Add to above phase 5 or 6 pricing.

Artwork option 1: Film plots; film contacts. Artwork option 2: Film plots; glass contacts. Option 3: Glass plots; glass contacts. UCLBL supplied art data on disc.

Tolerance of +/-.005" on G10 thickness quoted by material Supplier. No artwork is necessary for Phase 7.

Estimated initial delivery: To be scheduled.

The terms and conditions printed on the back of this letter constitute an integral part of this quotation. We hope you will allow us to perform this work for you. If you should have any further questions, please do not hesitate to call me, Maxine Pfeiffer (612)228-6581, or your Technical Representative, Barbara Snider (415)345-6818.

Yours very truly

Customer Service Representative

## Buckbee-Mears St. Paul

A UNIT OF BMC INDUSTRIES, INC.

University of California Bldg. 69, 1-Cyclotron Road Berkeley, Calif. 94720

Attention: Campbell 161

Subject: Buckbee-Mears Quotation #71517 - 46

Reference: Your inquiry; 3847702.

24A3736; Phases 3 & 4; Star-Inner Sect.

G10, .062"+/-.005" thick, C.5/C2

We are pleased to offer you the following prices for your inquiry.

#1 Phototool--: \$739 Non-recurring
#2 Phototool--:\$1,144 Non-recurring
#3 Phototool--:\$3,237 Non-recurring
Drill tape----: \$250 Non-recurring
Rout tape----: \$250 Non-recurring

#### Quantity Price

Phase 3---> 28 \$983.36 ea. Phase 4---> 28 \$1,056.31 ea.

Phase 3: Board, double-sided, plated thru holes, bonded to pre-

preg., immersion tin plated.

Phase 4: Board, double-sided, plated thru holes, bonded to pre-

preg., tin/lead plated.

Artwork option 1: Film plots; film contacts. Artwork option 2: Film plots; glass contacts. Artwork option 3: Glass plots; glass contacts.

UCLBL supplied art data on disc.

Tolerance of +/-.005" on G10 thickness quoted by material Supplier.

Estimated initial delivery: To be scheduled.

The terms and conditions printed on the back of this letter constitute an integral part of this quotation. We hope you will allow us to perform this work for you. If you should have any further questions, please do not hesitate to call me, Maxine Pfeiffer (612)228-6581, or your Technical Representative, Barbara Snider (415)345-6818.

Yours very truly,

Customer Service Representative

TC/QLF-# 5

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## Buckbee-Mears St. Paul

A UNIT OF BMC INDUSTRIES, INC

University of Calif., LBL Bldg. 69, 1-Cyclotron Road Berkeley, Calif. 94720

Attention: Campbell 161

Subject: Buckbee-Mears Quotation #71517 - 45

Reference: Your inquiry; 3847702.

24A3736; Phases 1 & 2; Star-Inner Sect.

G10, .062",+/-.005" thick, C.5/C2.

We are pleased to offer you the following prices for your inquiry.

#1 Phototool:\$1,024	Non-recurring
#2 Phototool:\$1,429	Non-recurring
#3 Phototool:\$3,695	Non-recurring
Drill tape: \$250	Non-recurring
Rout tape: \$250	Non-recurring

#### Quantity Price

Phase	1>	28	\$899.84	ea.
Phase	2>	28	\$933.74	ea.

Phase 1: Board, double-sided, plated thru holes, no cover, immersion tin plated.

Phase 2: Board, double-sided, plated thru holes, no cover, tin/lead plated.

Artwork option 1: Film plots; film contacts.
Artwork option 2: Film plots; glass contacts.
Artwork option 3: Glass plots; glass contacts.

UCLBL supplied art data on disc.

Tolerance of +/-.005" on G10 thickness quoted by material Supplier.

Estimated initial delivery: To be scheduled.

The terms and conditions printed on the back of this letter constitute an integral part of this quotation. We hope you will allow us to perform this work for you. If you should have any further questions, please do not hesitate to call me, Maxine Pfeiffer (612)228-6581, or your Technical Representative, Barbara Snider (415)345-6818.

Yours very truly,

Customer Service Representative

## Buckbee-Mears St. Paul

A UNIT OF BMC INDUSTRIES, INC.

#### REGARDING THE QUOTATION SUMMARY OF STAR NOTE 128:

- 1 SUGGESTED TIME AND LOCATION FOR PRE-AWARD CONFERENCE: BUCKBEE-MEARS ST. PAUL @ ANY TIME ACCEPTABLE TO LBL.
- 2 NAME OF VENDOR CONTACT PERSON: DAN MAY 612-228-6456
- 3 SCHEDULE AND MILESTONES:
  ALL MATERIALS READY FOR START: 4 WEEKS ARO
  FIRST ETCHING OF PHASE 1 BOARD: 2 WEEKS
  FIRST PHASE 1 BOARD READY FOR INSP. & TEST: 2 WEEKS
  DELIVERY SCHEDULE FOR PHASE 1 BOARDS: 4 WEEKS
  START OF PRODUCTION RUN FOR PHASE 2 BOARDS: 2 WEEKS
  FIRST PHASE 2 BOARD READY FOR INSP. & TEST: 2 WEEKS
  DELIVERY SCHEDULE FOR PHASE 2 BOARDS: 4 WEEKS
  START OF INSULATION BOARD ROUTING, IF APP.: 1 WEEK
  COMPLETION OF CONTRACT: 17 WEEKS
- 4 SEE ATTACHED QA PROCEDURE.
- 5 4 WEEKS AFTER RECEIVING ORDER. MATERIAL PRICE IS INCLUDED IN THE PART PRICE.
- 6 CUSTOMER HAS CHOICE OF ARTWORK OPTIONS. IF GLASS IS CHOSEN, THEN GLASS WILL BE USED.
- 7 TEST FIXTURES FOR THESE PARTS WERE QUOTED TO BMSP AT APPROXIMATELY \$25,000 TO \$30,000. THIS SEEMS TO BE PROHIBITIVELY HIGH. BMSP CAN MAKE ITS OWN TEST FIXTURES AND THE COST TO LBL WILL BE \$3000 FOR EACH P/N. THE COST FOR TESTING WILL BE \$50 X 56 PARTS. THIS WILL TEST FOR OPENS AND SHORTS.
- 8 BOARDS WILL BE STAMPED WITH EPOXY INK UNLESS LBL CHOOSES OTHER MEANS. SEE ALSO QA PROCEDURE.
- 9 FINAL CLEANING IS WITH EITHER A PUMICE SCRUB OR AN AUTOMATIC SCRUBBER UNLESS LBL CHOOSES OTHER MEANS. PARTS WILL BE SHIPPED IN WOODEN BOXES. PARTS WILL BE INTERLEAVED WITH PAPER.
- 10 SEE OTHER PAGES.
- 11 SEE OTHER PAGES.

CUSTOMER: LAWRENCE BERKELEY LABS (LBL)

PAGE 1 OF 4

RART NO: 24A1024

REV: --

DESCRIPTION: OUTER SECTOR

ART NO: 24A1044

REV: --

DESCRIPTION: INNER SECTOR

WRITTEN BY: R. KESKITALO (11-01-93) COPY: G. LAMPI, D. MORSE, P. KENNELLY UPDATED TO REV:

(XX-XX-93)

***[DESTROY OLD REVISION]***

#### I. INCOMING MATERIAL CONTROL

A. CERTIFICATION OF COMPLIANCE MUST BE INCLUDED WITH EACH LOT SUBMITTED

1. MATERIAL: G-10 NEMA GRADE; 0.062 THK., 1/2 OZ. / 2 OZ. COPPER (CANNOT BE FR-4 BASED MATERIAL) MATERIAL DESIGNATION: G10-0.062-2/0.5-B1B

- B. QUALITY LEVEL; SAMPLE PER MIL-P-55110D, SMALL LOT PLAN (SEE TABLE 1)
  - 1. PITS AND DENTS: SAMPLE PER THE REQUIREMENTS OF MIL-P-55110D SMALL LOT SAMPLING PLAN (SEE TABLE 1). THE FOLLOWING POINT SYSTEM IS TO BE USED:

LONGEST DIMENSION (INCH)	POINT VALU
0.005 TO 0.010	1
0.011 TO 0.020	2
0.021 TO 0.030	3
0.031 TO 0.040	7
OVER 0.041	30

POINTS ARE ASSIGNED PER PIT OR DENT, FOR THIS MATERIAL THE TOTAL POINT COUNT SHALL BE LESS THEN 30 (GRADE A, MIL-P-13949) FOR ANY 12 IN X 12 IN AREA.

- 2. WRINKLES; THERE SHALL BE NO WRINKLES AS SEEN UNDER NORMAL VISION
- 3. SCRATCHES: THE NUMBER OF SCRATCHES SHALL NOT EXCEED FIVE (5) PER SQUARE FOOT OF MATERIAL OF THE FOLLOWING SIZE LIMITS: 4 IN. MAX LENGTH WITH A DEPTH OF 20 % OF FOIL THICKNESS
- C. DIMENSIONAL
  - 1. SAMPLE PER THE REQUIRED SAMPLING PLAN AND RECORD THE FOLLOWING INFORMATION
    - a. THICKNESS:

#### II. INPROCESS MATERIAL CONTROL

- A. REGISTRATION OF LAYERS; UNLESS SPECIFIED OTHERWISE, DATUM POINTS AND FEATURES MUST REGISTER WITHIN A TRUE POSITION OF .010 INCH
- B. ETCH TOLERANCE; UNLESS SPECIFIED OTHERWISE, ALL FEATURES TO HAVE +/-.002 INCH
- C. PLATING REQUIREMENTS; MUST BE PLATED TO DRAWING REQUIREMENTS
  - 1. PLATING: THRU HOLE COPPER PLATING; 0.0007 TO 0.00135 IN. THK.
  - 2. PLATING: TO BE DETERMINED AT QUOTE ACCEPTANCE
  - 3. PLATING COUPONS / SAMPLES MUST BE SENT TO THE Q.A. LAB FOR VERIFICATION

CUSTOMER: LAWRENCE BERKELEY LABS (LBL)

PAGE 2 OF 4

PART NO: 24A1024

DESCRIPTION: OUTER SECTOR DESCRIPTION: INNER SECTOR

ART NO: 24A1044

#### III. FINAL INSPECTION REQUIREMENTS

A. A FIRST ARTICLE INSPECTION PER THE REQUIREMENTS OF THE DRAWING IS TO BE DONE ON EACH NEW LOT PRODUCED. ONE PART TO BE SELECTED AT RANDOM FROM THE FIRST LOT THAT IS PRODUCED

1. CONDITIONS FOR THE FIRST ARTICLE INSPECTION

a. IF THE BOARDS HAVE NOT BEEN RUN FOR THREE (3) CONSECUTIVE MONTHS A FULL FIRST ARTICLE INSPECTION IS REQUIRED; THEN PROCEED WITH ANY ADDITIONAL REQUIREMENTS OF SECTION "B"

b. IF THE BOARDS HAVE BEEN RUN IN CONSECUTIVE MONTHS, REFER TO SECTION "B"

FOR LOT INSPECTION REQUIREMENTS

c. UPON RECEIPT OF A CHANGE IN CUSTOMER REVISION LEVEL, A FULL MECHANICAL CHECK IS REQUIRED TO CONFIRM THE CHANGE, THEN PROCEED WITH ANY ADDITIONAL REQUIREMENTS OF THE LOT INSPECTION PLAN

#### B. LOT INSPECTION PLAN

- 1. SAMPLE PER THE REQUIREMENTS OF TABLE 2 FOR P/N 24A1024 IN Q.A. INSPECTION PROCEDURE
- 2. SAMPLE PER THE REQUIREMENTS OF TABLE 3 FOR P/N 24A1044 IN Q.A. INSPECTION PROCEDURE
- C. MARKING; PARTS TO BE MARKED AND PACKAGED PER DRAWING REQUIREMENTS
  - 1. PART MARKING MUST BE CLEAR AND LEGIBLE
    - a. EACH PANEL TO BE MARKED WITH SUPPLIER LOGO, DATE CODE, SERIAL NUMBER
    - b. MARKING CANNOT BE SCRIBED INTO PANEL
  - 2. PACKAGING; MUST BE PACKAGED PER DRAWING / SPECIFICATION REQUIREMENTS
  - 3. SERIALIZATION OF MATERIAL; PERMANENTLY MARK ON MATERIAL THE APPROPRIATE SERIAL NUMBER SEQUENCE
    - a. BEGAN SERIAL NUMBER SEQUENCE WITH: 0001
- D. WORKMANSHIP; VISUALLY CHECK PARTS TO SEE THAT THERE IS NO EVIDENCE OF CONDUCTOR OR MATERIAL BREAKDOWN. IN THE ABSENCE OF SPECIFIC CUSTOMER REQUIREMENTS THE FOLLOWING SPECIFICATIONS WILL APPLY:
  - 1. ACCEPTABLE SIZE LIMITS; HOLES, VOIDS, NICKS, BURRS, SCRATCHES, ETC.
    - a. SIZE: PER IPC-A-600 D; SEC. 2.0, CLASS 3
  - 2. ACCEPTABLE LIMITS ON MATERIAL DEFECTS,; DELAMINATION, BLISTERS, VOIDS, CRACKS, MEASLING, WRINKLES, ETC.
    - a. SIZE: PER IPC-A-600 D; SEC. 2.0, CLASS 3
  - 3. REWORK
    - a. NO REWORK ALLOWED

CUSTOMER: LAWRENCE BERKELEY LABS (LBL)

PAGE 3 OF 4

**ART NO: 24A1024 ART NO: 24A1044 DESCRIPTION: OUTER SECTOR

DESCRIPTION: INNER SECTOR

4. PLATED THRU HOLE VOIDS WHEN PRESENT a. LIMITS; PER IPC-RB-276, TABLE 9, CLASS 3

- 5. MINIMUM ANNULAR RINGS WHEN PRESENT a. LIMITS; PER IPC-RB-276, TABLE 6, CLASS 3
- E. ACCEPTANCE DATA; THE FOLLOWING DATA IS REQUIRED IN A INSPECTION ACCEPTANCE DATA PACKAGE TO BE INCLUDED WHEN PARTS ARE SHIPPED
  - 1. CERTIFICATE OF COMPLIANCE; MANUFACTURING
  - 2. CERTIFICATE OF COMPLIANCE; MATERIAL
  - 3. COPY OF THE FIRST ARTICLE INSPECTION AND/OR SAMPLE INSPECTION REPORT PER THE REQUIREMENTS OF THE QUALITY ASSURANCE PROCEDURES

#### IV. CUSTOMER CONTROL DOCUMENTS

#### A. DRAWING:

- 1. P/N; 24A1024; OUTER SECTOR BOARD
- 2. P/N: 24A0916; PAD PLANE; OUTER SECTOR BOARD
- 3. P/N; 24A1044; INNER SECTOR BOARD
- 4. P/N: 24A3736; PAD PLANE; INNER SECTOR BOARD
- B. SPECIFICATION:
  - 1. NO: STAR NOTE #128; PAD PLANE PCB SPECIFICATIONS

CUSTOMER: LAWRENCE BERKELEY LABS (LBL)

PAGE 4 OF 4

*PART NO:* 24A1024 ART NO: 24A1044 DESCRIPTION: OUTER SECTOR DESCRIPTION: INNER SECTOR

### TABLE I

SMALL LOT SAMPLING PLAN PER MIL-P-55110D (TABLE VIII)					
LOT SIZE	SAMPLE SIZE	LOT SIZE	SAMPLE SIZE	LOT SIZE	SAMPLE SIZE
2 TO 15	2	16 TO 40	3	41 TO 65	5
66 TO 110	7	110 TO 180	10		

ONE (1) FAILURE IS CAUSE FOR LOT REJECTION. CORRECTIVE ACTION IS NECESSARY AND RESUBMISSION OF THE LOT FOR RE-INSPECTION IS REQUIRED. FOR LOT SIZES IN EXCESS OF 180 PARTS USE SAMPLING PLAN OUTLINED IN MIL-STD-105D, INSPEC. LEVEL 2, SINGLE NORMAL AT A AQL LEVEL OF 2.5

MIL-STD-105D, INSPEC. LEVEL 2, SINGLE NORMAL, AQL 2.5			
LOT SIZE	SAMPLE SIZE	ACCEPT WITH	REJECT WITH
2 TO 50	5	0	1
51 TO 150	20	1	2
151 TO 280	32	2	3
281 TO 500	50	3	4
501 TO 1200	80	5	6

CUSTOMER: LAWRENCE BERKELEY LABS (LBL) PART NO: 24A1024 RE	V:
ESCRIPTION: OUTER SECTOR BOARD	
LOT NO:; LOT SIZE:; SAMPLE SIZE:; DATE:	
SERIAL NO:	
TABLE 2	
I. FIRST ARTICLE REQUIREMENT	
A. WHEN REQUIRED ATTACH A COPY OF THE FULL FIRST ARTICLE TO THIS DAT	A PACKAGE
II. LOT SAMPLE REQUIREMENTS	
A. MECHANICAL; SAMPLE LOT 100 %	
1. LENGTH: TOP, 41.040 +/030:	
2. LENGTH: BTM, 25.391 +/030:	
3. WIDTH: 29.200 +/030:	
4. THICKNESS: .125 +/010:	
B. VISUAL; SAMPLE LOT 100 %	
1. MATERIAL FINISH; NO BLISTERS, WRINKLES, PEELING, DENTS, EXPOSED FIBRE, EXTRANEOUS COPPER, RESIDUE ON PARTS:	PASS / FAIL
2. FEATURE SHAPE; CLEAN CUT EDGES AND HOLES, NO BURRS:	PASS / FAIL
3. CIRCUIT ETCH; CLEAN LINES NO PITS, VOIDS, PINHOLES, SCRATCHES WAVENESS, UNDER/OVER ETCH, LIFTED CIRCUITRY:	PASS / FAIL
4. PLATING; CONSISTENT IN APPEARANCE, PER SPECIFICATIONS : (NO PLATING ON CIRCUIT SIDE OF BOARD)	PASS / FAIL
5. PART MARKING; CLEAR AND LEGIBLE:	PASS / FAIL
6. PANEL ASSEMBLY FLATNESS; 0.375 MAX., ANY POINT ON SURFACE:	PASS / FAIL
III. A COPY OF THIS DATA SHEET MUST BE SENT TO THE CUSTOMER WITH PART	S
IV. NOTE:	

CU	ISTOMER: LAWRENCE BERKELEY LABS (LBL) PART NO: 24A1044 REV:_	
E	SCRIPTION: INNER SECTOR BOARD	
LC	OT NO:; LOT SIZE:; SAMPLE SIZE:; DATE:	
SE	TRIAL NO:	
	TABLE 3	
I.	FIRST ARTICLE REQUIREMENT	
	A. WHEN REQUIRED ATTACH A COPY OF THE FULL FIRST ARTICLE TO THIS DATA I	PACKAGE
II.	LOT SAMPLE REQUIREMENTS	
	A. MECHANICAL; SAMPLE LOT 100 %	
1.	LENGTH: TOP, 26.000 +/030:	
2.	LENGTH: BTM, 10.460 +/030:	
3.	WIDTH: 29.000 +/030:	
4.	THICKNESS: .125 +/010:	Lawrence Committee Co
	B. VISUAL; SAMPLE LOT 100 %	
1.	MATERIAL FINISH; NO BLISTERS, WRINKLES, PEELING, DENTS, EXPOSED FIBRE, EXTRANEOUS COPPER, RESIDUE ON PARTS:	PASS / FAIL
2.	FEATURE SHAPE; CLEAN CUT EDGES AND HOLES, NO BURRS:	PASS / FAIL
3.	CIRCUIT ETCH; CLEAN LINES NO PITS, VOIDS, PINHOLES, SCRATCHES WAVENESS, UNDER/OVER ETCH, LIFTED CIRCUITRY:	PASS / FAIL
4.	PLATING; CONSISTENT IN APPEARANCE, PER SPECIFICATIONS : (NO PLATING ON CIRCUIT SIDE OF BOARD)	PASS / FAIL
5.	PART MARKING; CLEAR AND LEGIBLE:	PASS / FAIL
6.	PANEL ASSEMBLY FLATNESS; 0.375 MAX., ANY POINT ON SURFACE:	PASS / FAIL
II	I. A COPY OF THIS DATA SHEET MUST BE SENT TO THE CUSTOMER WITH PARTS	
IV	NOTE:	