

2009 – Lam Research 2300 HVM ELD CoWP plating system



Lam
RESEARCH
PREMONT, CA

MODEL NO. 2300[®] CLEAN
SERIAL NO. 20211605
YEAR OF MANUFACTURE: 2009

SYSTEM INTERCON:
224-059455-001. MODULE & W/FDS
SUPPLY CIRCUIT VOLTAGE RATING: 208VAC
FREQUENCY: 50/60 Hz
SUPPLY CIRCUIT RATING: 3ΦΔ, 3 WIRE + PROTECTIVE GND
FULL-LOAD CURRENT: 65 AMPS
SHORT CIRCUIT INTERRUPTING
RATING OF MAIN BREAKER ONLY: 65KA
MAIN CB CURRENT RATING: 100A

CE



Lam Research Corporation
4650 Cushing Parkway
Fremont, CA 94538-6470 U.S.A.
Main: 1-510-572-0200
www.lamresearch.com

6/23/15

Mr. Vincent Granuzzo
Equipment/Capital Procurement
IBM
2070 Rte 52
Hopewell Junction, NY 12533
USA

Dear Mr. Granuzzo,

Lam Research attests that IBM ELD system, HEX ID DHD3, was properly maintained throughout the time period it was running on-site at the IBM East Fishkill facility in B323 until the time it was turned off.

Best regards,

A handwritten signature in black ink that reads "Robert A. Viggiano".

Robert A. Viggiano
IBM Global Account Manager

Enclosure(s):

Cc: Charlie Asselmeyer, Dave Steber

8800575912

SCHEDULE A

SCHEDULE OF EQUIPMENT

Location: East Fishkill Facility
2070 Route 52
Hopewell Junction, NY 12533-6683

Item				Lessor's Cost
Hex	Vendor	Description	S/N	
DHD3	LAM	Electroless CoWP Plating System, HVM 2300 ELD, 300mm, 3 FOUPS, preclean module, copper deposition module, post rinse module, spray clean module, brush clean module, backside clean module, frontside dry, 50-60 WPH	HVM1702	\$5,590,431.00

8800575912

ICM CONFIDENTIAL

*to understand pricing on P&S see:
IBM Electronics Group Proposal 15-0382
Date: May 27, 2009 11:23 AM*



Lam Research Corporation
4650 Cushing Parkway
Fremont, CA 94538
USA
Corporate Phone: 1-800-526-1678

QUOTATION

Quote # ELD-1

Date Issued 06/26/2009	Expiration 07/26/2009	Lam Sales Representative Viggiano, Robert	Page 1 / 8
Trade Terms Collect, Ex works, FACTORY		Payment Terms	Estimated Shipping Date

SOLD TO: 403
IBM Corporation
PO Box 9005
ENDICOTT NY 13761-9005
USA

SHIP TO: 410
IBM Corporation
Route 52, Attn: Bldg 308
HOPEWELL JUNCTION NY 12533
USA

Attn: Attn. Accounts Payable

Item	Description/Material number	Qty	Unit Price	Extended Price
1	2300 ELD-A1 System	1		
2	Additional Available Options NSR-ELD-A1 # Lam 2300 ELD System Note: For odd number unit (i.e., 1st, 3rd etc. per fab)	1		
	Platform # Atmospheric transfer unit (1) # Power supply rack (1)			
	Deposition # Electroless deposition unit (2) o Includes four (4) Sealed multi-step process chambers # Electroless chemical management (2) # Microwave generators (2)			
	Spray Clean # Chemical spray clean unit (1) o Includes two (2) spray clean process chambers			
	Brush Clean # Chemical brush clean unit (1) o Includes two (2) brush clean process chambers			
	Dry # Linear IPA drying unit (1)			
	Documentation			

Lam Research is dedicated to the success of our customers by being the world-class provider of innovative productivity solutions to the semiconductor industry.

Signature	Signed By	Title
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THIS QUOTE IS MADE CONDITIONAL ON PURCHASER'S ASSENT TO THE TERMS AND CONDITIONS OF SALE THE ATTACHED HEREOF.

Ref # 20120380



Lam Research Corporation
 4650 Cushing Parkway
 Fremont, CA 94538
 USA
 Corporate Phone: 1-800-526-7679

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 USA

Attn: Attn. Accounts Payable

Item	Description/Material number	Qty	Unit Price	Extended Price
	# CD-ROM (1 set) # Clean Room (1 set) # Standard (1 set)			
	Fluid Management System Type C (FMS-C) # FMS-C cabinet (3) o Delivery of 2 chemicals per cabinet o Delivery without recirculation o Holds 2 containers up to 20L volume each o Supports 1 or 2 systems per cabinet # #1 cabinet: For delivery of pH 7 and pH down # #2 cabinet: For delivery of pH 10 and pH up # #3 cabinet: For delivery of system cleaning			
1	JDA Discount The discount comprises a BnR discount of _____ and a 28nm JDA discount of _____ with the intent of mutually executing the 22nm JDA starting mid 2009 and ending mid 2010.	1		
	Subtotal			
	Total:(USD)			
Lam will accept cash payment in the amount of _____ The remainder of the payment will be in the form of _____				

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Signature	Signed By	Title
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Ref # 20120380

Air Liquide Source Management Module Distribution Systems

7 source management modules (SMM) w/dual drum connection, dual pump supply and a common controller. Includes mounting frames, drums disconnects/umbilical and Mod-bus+ communication capability. Systems are acid/base compatible.





