



# OFFICE OF THE SHERIFF

COUNTY OF LOS ANGELES

HALL OF JUSTICE

ROBERT G. LUNA, SHERIFF



October 7, 2025

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, California 90012

Dear Supervisors:

**APPROVE THE LOS ANGELES COUNTY SHERIFF'S DEPARTMENT TO  
PURCHASE ONE LIQUID CHROMATOGRAPHY QUADRUPOLE TIME-OF-  
FLIGHT MASS SPECTROMETRY INSTRUMENT  
(ALL DISTRICTS) (3 VOTES)**

**SUBJECT**

The Los Angeles County (County) Sheriff's Department (Department) is seeking Board approval to purchase one Liquid Chromatography Quadrupole Time-of-Flight Mass Spectrometry Instrument (Instrument) at an estimated cost of \$484,000.

**IT IS RECOMMENDED THAT THE BOARD:**

Authorize the Los Angeles County Internal Services Department (ISD), in its capacity as the County Purchasing Agent (CPA), to proceed with the solicitation of quotes and acquisition of capital equipment that has a unit cost of more than \$250,000.

**PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

The purpose of the recommended action is to purchase the Instrument as part of an effort to replace outdated and failing mass spectrometry instruments used by the Crime Lab. An Instrument of this type is used to detect drugs in liquid blood and urine samples associated with Driving Under the Influence of Drugs (DUID) violations. The Instrument in question represents the industry standard for the analysis of urine and blood in DUID violation cases. Acquiring the Instrument will ensure the Department's

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Crime Laboratory has the technological capability to fulfill its existing workload and to improve its future performance capacity to test and analyze saliva samples.

### **Implementation of Strategic Plan Goals**

The recommendations are consistent with the County's Strategic Plan, North Star 3, Realize Tomorrow's Government Today, and aligns with the Focus Area Goal of Flexible and Efficient Infrastructure, Strategy II Modernize Infrastructure. By replacing lesser-performing laboratory technology, investigative analysis can be completed more efficiently and will improve public safety services relative to DUID casework. This new Instrument will improve efficiency by allowing the Crime Laboratory to identify a broader spectrum of drugs, using smaller sample sizes, in less time. These improvements will substantially expedite the test results for DUID violation investigations and position the Crime Lab to implement future testing of saliva samples.

### **FISCAL IMPACT/FINANCING**

The estimated cost of the Instrument is \$484,000 plus applicable taxes. The total cost will be reimbursed under the Fiscal Year 2022-24 California Highway Patrol Cannabis Tax Fund Grant Program (Department award number 9638).

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

On October 16, 2001, the Board adopted a policy whereby prior to submitting the purchase requisition to the CPA, County departments must obtain Board approval to purchase or finance equipment that has a unit cost of \$250,000 or greater.

### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

Your approval will allow the Department's Crime Laboratory to clear DUID violation cases more quickly and accurately by acquiring current technology instrumentation that tests for a broader spectrum of drugs at lower concentrations than is possible with the Crime Laboratory's current instrumentation.

### **CONTRACTING PROCESS**

This is a commodity purchase under the statutory authority of the CPA. The purchase will be requisitioned and accomplished in accordance with the County's purchasing policies and procedures.

The Honorable Board of Supervisors  
October 7, 2025  
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**CONCLUSION**

Upon Board approval, please return a copy of the adopted Board letter to the Department's Technology and Support Division.

Sincerely,

A handwritten signature in blue ink, appearing to read "R. Luna". The signature is fluid and cursive, with a large initial "R" and a stylized "Luna".

ROBERT G. LUNA  
SHERIFF

# QUOTATION

**AB SCIEX LLC**  
**1201 Radio Rd**  
**REDWOOD CITY, CA 94065-1217**  
**United States**

Tele : +1 (877) 740-2129 opt 1  
Fax : +1 (650) 631-4803  
Email : sales.americas@sciex.com

Quote Number	11044838
Account Number	45479
Quote Date	03-APR-2025
Valid To	02-MAY-25
Reference	Sciex Internal REF# Q-199292
Freight Terms	SX - Prepaid and Add
Free On Board	Factory
Payment Terms	Net 30 days
Taxable	Yes
Sales Representative	Renlong Zhu
Administrator	Amanda Nguyen

## To:

Bryan P. Edmonds  
Los Angeles Police Department  
7717 Golondrinas St  
DOWNEY, CA 90242  
United States

Tele : 562-334-4332  
Fax :  
Email : bpedmond@lasd.org

Item No	Part Number	Description	Duration	Quantity	Unit List Price	Unit Net Price	Total Extended Price
1.1	5045633	SCIEX X500R QTOF PLATFORM		1	378,368.58	264,858.01	264,858.01
		High performance accurate mass spectrometer. Includes: Turbo V Source for X500R that accepts either the ESI Probe or APCI Probe A source combining ESI and APCI (Atmospheric Pressure Chemical Ionization) modes for automated calibration. Offers the same high flow characteristics as the regular Turbo V source (flow rates from 5 to 3000 ml/min.) and APCI source (flow rates from 200 to 3000 ml/min). ESI Twinsprayer Probe APCI Twinsprayer Probe System ships with Data Acquisition Computer running Windows 10 64 bit. Standard Monitor One standard roughing pump Limited Warranty Standard parts and labor warranty for one year starting from the completion of instrument commissioning (as provided in SCIEX's written limited warranty statement and accompanying terms in the user manual or other product documentation). Includes our StatusScope Remote Monitoring Service and one no-charge Preventative Maintenance (PM) during the one-year warranty period.					
2.1	5049910	ESI Positive Calibration Solution X500B		1	0.00	0.00	0.00
		ESI Positive Calibration Solution X500B. This part replaces part number 5042912.					
3.1	5042913	ESI Negative Calibration Solution for the SCIEX X5		1	0.00	0.00	0.00
		Calibration solution for the SCIEX X500 system. This solution is intended for use in ESI negative ion mode.					
4.1	4376878	FG, Synergi 4U Fusion RP80A 50 X 2		1	0.00	0.00	0.00
5.1	4376887	Triazine Standard Mixture		1	0.00	0.00	0.00
		System Suitability Test Mixture for Cliquid Food Testing package, Triazine Pesticides Standard Mix 100ug/mL each component in methanol, ampoule of 1mL.					
6.1	5307946	SCIEX OS Acq QT Starter Kit - OS-Q E-License		1	49,875.00	34,912.50	34,912.50
		SCIEX OS starter kit for QTRAP and ToF instruments. This bundle contains: 1) SCIEX OS for Acquisition, Qual, and Quant Proc e-license on a single workstation 2) Sciex OS-Q e-license for quantitation and qualification of small molecule compounds, large molecule biomarkers and biopharmaceuticals.					
7.1	4425944	CORD SET,SHMDZ UC-975-N01		6	29.11	23.29	139.74
8.1	5313639	SCIEX UPS PSW 6.0 KVA W/ PDU - NA		2	9,682.00	8,229.70	16,459.40
9.1	5303449	SCIEX GAS GENERATOR N19A26 KIT		1	30,889.86	21,931.80	21,931.80
		SCIEX Gas Generator N19A26 - standalone compressor gas generator for most RUO SCIEX LC-MS system (excluding 7500) with or without SelexION. Max specifications: Curtain Gas (Nitrogen) 19L/min @ 65 psi, Source Gas (Dry Air) 26L/min@ 100 psi and Exhaust Gas (Dry Air) 25L/min @ 60 psi. Dimensions (HxWxD) 71.2 x 60 x 75 cm (28.1 x 23.6 x 29.5 ins) and Weight 108.5kgs (239lbs). Requirements: Electric 230v ± 10%, 50/60 Hz, 7A, Power consumption 1610 watts.					

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Freight Terms	SX - Prepaid and Add
Free On Board	Factory
Payment Terms	Net 30 days
Taxable	Yes
Sales Representative	Renlong Zhu
Administrator	Amanda Nguyen

Item No	Part Number	Description	Duration	Quantity	Unit List Price	Unit Net Price	Total Extended Price
10.1	5311309	CORE EXIONLC AE SYSTEM		1	94,934.05	75,947.24	75,947.24
		Configured ExionLC AE system bundle. Main components include ExionLC AE autosampler, 2 ExionLC AE pumps, ExionLC AE controller, ExionLC AE column oven, 20 uL micro mixer, and 5 channel ExionLC AE Degassing Unit. Capable of injection volumes of 0.1 to 50 uL and pressures up to 15,200 psi. This system bundle contains all of the components required for basic LC operation.					

Sub Total	414,248.69	USD
Estimated Shipping and Handling	8,012.31	USD
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Quotation Total	422,261.00	USD

The following is a list of optional products and is not included in the total shown above.

Item No	Part Number	Description	Duration	Quantity	Total Extended Price
11.1	5315639	Forensic HR-MS/MS Spectral Library 2.2 - Perpetual		1	2,655.44
		The Forensic HR-MS/MS Library 2.2 is a comprehensive collection of 1,740+ compounds with high-resolution MS/MS spectra in positive and negative ion modes. These spectra were created using state-of-the-art TripleTOF series instruments. This library is compatible with TripleTOF, QTOF, and QTRAP instruments. Users can get a perpetual license through web download and activation via SCIEX Now.			
12.1	5073675	MS Bench		1	2,029.43
		60WX31DX30H MS bench. Instrument bench for all Sciex MS systems except TripleTOF 5600+, 6600, and 6600+. Features holes for hose and cable management.			
13.1	5073676	LC Bench		1	2,058.65
		36WX31DX30H LC bench. Features holes for hose and cable management and a removable tray for solvent storage.			

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Freight Terms	SX - Prepaid and Add
Free On Board	Factory
Payment Terms	Net 30 days
Taxable	Yes
Sales Representative	Renlong Zhu
Administrator	Amanda Nguyen

Sales tax will be included, if applicable, at time of invoice.

For further information on how SCIEX processes your personal data, please view our Privacy Policy (<https://sciex.com/privacy-policy>).

Please read carefully:

This quotation, and Company's TERMS AND CONDITIONS OF SALE FOR PRODUCTS AND/OR SERVICES, as applicable, (the "TERMS") set forth the terms pursuant to which the Company would sell the product(s) or service(s) listed in this quotation, unless any other valid agreement exists or is executed between you and Company with respect to these products or services. By issuing a purchase order or otherwise ordering or accepting product(s) or services, you expressly confirm that you intend to be bound by and agree to the terms of this quotation and the TERMS to the exclusion of all other terms not expressly agreed to in writing by an authorized representative of Company, and that the purchase and sale transaction between you and Company is subject to and will be governed by this quotation and the TERMS. The applicable TERMS\*, which are incorporated by reference into this quotation and any resulting contract, can be found on Company's website at <http://www.sciex.com/legal-terms-and-conditions>.

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