



OFFICE OF THE SHERIFF

COUNTY OF LOS ANGELES

HALL OF JUSTICE

ROBERT G. LUNA, SHERIFF



June 3, 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 CHROMATOGRAPH-DUAL MASS SPECTROMETER
(ALL DISTRICTS) (3 VOTES)**

SUBJECT

The Los Angeles County (County) Sheriff's Department (Department) is seeking Board approval to purchase one Liquid Chromatograph-Dual Mass Spectrometer (LC-MS/MS instrument) and to authorize the Internal Services Department (ISD) in its capacity as the County Purchasing Agent (CPA), to proceed with the solicitation and purchase of the LC-MS/MS instrument, at an estimated cost of \$531,000 plus applicable taxes.

IT IS RECOMMENDED THAT THE BOARD:

Authorize ISD, in its capacity as the CPA, to proceed with the acquisition of the LC-MS/MS instrument, at an estimated cost of \$531,000 plus applicable taxes.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended action is to purchase an LC-MS/MS instrument as part of an effort to replace existing, outdated, and failing instruments. This action will also authorize ISD to proceed with the solicitation and acquisition of this capital equipment item that has a unit cost of more than \$250,000.

211 WEST TEMPLE STREET, LOS ANGELES, CALIFORNIA 90012

A Tradition of Service
— Since 1850 —

The LC-MS/MS instrument is used to detect drugs in liquid blood and urine samples associated with driving under the influence of drugs (DUID) cases. The LC-MS/MS instrument is the industry standard for the analysis of urine and blood in DUID cases. The purchase of this equipment will assist the Department in maintaining and enhancing the capability of the laboratory to meet present and future demands for crime laboratory services.

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 updating old crime laboratory technology, investigative questions can be answered more efficiently, which will improve public safety services as it applies to DUID casework. This new instrument will improve efficiency of these case types by allowing the crime laboratory to screen and confirm for a higher number of drugs, using less sample, in less time. These improvements will reduce turnaround times for all DUID cases.

FISCAL IMPACT/FINANCING

The estimated cost of the LC-MS/MS instrument is \$531,000 plus applicable taxes. The total estimated cost for the LC-MS/MS instrument will be reimbursed under the "Fiscal Year 2022-24 California Tax Fund Grant Program Toxicology Crime Laboratories – Los Angeles County Sheriff's Department (Award # 9638)" California Highway Patrol Cannabis Tax Fund grant award.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

On October 16, 2001, the Board adopted a policy whereby Departments will obtain Board approval to purchase or finance equipment with a unit cost of \$250,000 or greater, prior to submitting their requisitions to the CPA.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval will allow for improved processing of blood and urine samples for drugs in DUID cases processed by the Department's crime laboratory. Once online, the LC-MS/MS instrument will increase the crime laboratory's capacity to analyze a larger number of drugs and detect those drugs at lower concentrations than is possible with current instrumentation. This advancement will drastically reduce turnaround times, ensuring that criminal cases are resolved more swiftly and accurately, leading to more timely justice and better outcomes in the legal process.

The Honorable Board of Supervisors
June 3, 2025
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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.

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 the first letter "R" being large and prominent.

ROBERT G. LUNA
SHERIFF

SHERIFF'S REQUISITION FOR PURCHASE SUMMARY PAGE <small>(USE FOR ALL TYPES OF PURCHASE ORDERS)</small>		DEPARTMENT REQUISITION FORM (DRF) <small>(REQUESTOR MUST SUBMIT COMPLETED FORM TO THE UNIT BUYER TO ENTER IN eCAPS)</small>	
UNIT CODE & NAME : 15760P - Scientific Services Bureau - Downey ACTIVITY CODE : OLCL FUNCTION CODE : TSD BUDGET LOG #9638-01 PROJECT CODE : SB55		DOC ID/RQN NO. : RQN-SH-25011839 PRIOR PO NO. : DATE / BUDGET FY : 09/06/2024 / 2024 - 2025 CONTACT NAME : Marcel Risiglione PHONE / E-MAIL : (562) 334-4305 / mnrisigl@lasd.org	
SHIP TO LOCATION CODE: SH0079 SHIP TO ADDRESS: Los Angeles County Sheriff's Department Scientific Services Bureau - Downey Crime Lab 7717 Golondrinas Street Downey, CA 90242 ATTN: KEN HOWARD - TOX		BILL TO LOCATION CODE: SAME AS SHIP TO BILL TO ADDRESS:	
		DOC TYPE (CHECK ONE): <input type="checkbox"/> DO - AGREEMENT ORDERS <input type="checkbox"/> PD - NON-AGMT BELOW \$10,000 <input type="checkbox"/> PDPP - BUSINESS ENTERPRISE PREFERENCE \$5,001 TO LESS THAN \$25,000 <input type="checkbox"/> POTR - TRAINING SERVICES BELOW \$50,000 <input checked="" type="checkbox"/> RQN - NON-AGMT ABOVE \$10,000	
COMMODITY / OBJECT CODE AND DESCRIPTION <small>(ENTER LUMP SUM TOTAL ONLY)</small>		SUMMARY LINES ENTERED	SUMMARY TOTAL COST
COMMODITY / OBJECT CODE(S): 493-08 / 6045 962-86 / 5138 SERVICES AND SUPPLIES: SCIEX TRIPLE QUAD 5500+ QTRAP READY LCMS		26	\$ 527,308.15
N/A			
N/A			
SUB-TOTAL			\$ 527,308.15
TOTAL SALES TAX: 10.00 % <input type="checkbox"/> VARIOUS TAX RATES			\$ 52,730.82
ESTIMATED REQUISITION AMOUNT <small>(INCLUDE APPLICABLE SALES TAX, SHIPPING, HANDLING, ETC.)</small>			\$ 580,038.97
JUSTIFICATION FOR PURCHASE: A CHP Grant has been granted for the purchase of one (1) LCMS instrument for the use in the Toxicology Laboratory. Quote Number: 11041986. Valid to 15-OCT-24. Account Number: 1026621.		GRANT/AWARD #: _____ UNIT/OBJECT/ACTIVITY CODES: _____ PROJECT CODE: _____ GRANT CONTROL #: _____ PROJ. LN.#: _____ FUNDING AVAILABLE: <input type="checkbox"/> YES <input type="checkbox"/> NO REVIEWED BY: _____ DATE: _____ APPROVED BY: _____ DATE: _____	
REFERENCE VENDOR: AB SCIEX LLC 1201 RADIO RD. REDWOOD CITY, CA 94065-1217 LOREN HOPPER 877-740-2129 OPT 1 / SALES.AMERICAS@SCIEX.COM	PAYMENT ADDRESS: AB SCIEX LLC 62510 COLLECTIONS CENTER DR. CHICAGO, IL 60693-0625 NELIA CABRAL 650-631-2137	AGREEMENT NO.: _____ EXPIRATION DATE: _____ VENDOR ID. NO.: 157809 PAYMENT TERMS: _____ ISD BUYER NAME: _____ ISD BUYER PHONE / E-MAIL: _____ / _____	
APPROVAL CODES <input type="checkbox"/> DSB <input type="checkbox"/> FPB <input type="checkbox"/> CEO <input type="checkbox"/> CFMB <input type="checkbox"/> SPECIAL FUND <input checked="" type="checkbox"/> CAPITAL ASSET <input type="checkbox"/> CAPITAL PROJECT <input type="checkbox"/> MANAGED PRINT SERVICE (MPS) APPROVAL CODE(s): _____ <input type="checkbox"/> REQUIRES ISD IT REVIEW		ATTACHMENTS <input checked="" type="checkbox"/> QUOTE/BID/ESTIMATE <input type="checkbox"/> ISD SERVICE CHECKLIST <input checked="" type="checkbox"/> EMAIL APPROVAL(S) <input type="checkbox"/> JUSTIFICATION <input type="checkbox"/> BEST KNOWN SOURCE <input checked="" type="checkbox"/> SOLE SOURCE QUESTIONNAIRE <input checked="" type="checkbox"/> BOARD LETTER <input checked="" type="checkbox"/> SOLE SOURCE VENDOR LETTER <input type="checkbox"/> BRAND SPECIFIC <input type="checkbox"/> SPECIAL FUNDS APPROVAL <input type="checkbox"/> GRANTS BUDGET SUMMARY <input type="checkbox"/> SPECIFICATIONS OTHER: _____	
(Sheriff's Department Requisition Form # SH-AD-754 Rev.05-31-23 JA)			

RESERVED FOR SIGNATURES (IF APPLICABLE)



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	11041986
Account Number	1026621
Quote Date	21-JUN-2024
Valid To	15-OCT-24
Reference	Sciex Internal Ref# Q-173783
Freight Terms	SX - Prepaid and Add
Free On Board	Factory
Payment Terms	Net 30 days
Taxable	Yes
Sales Representative	Renlong Zhu
Administrator	Laura Rivera

To:

Bryan Edmonds
Los Angeles County Sheriff's 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	5068373	SCIEX Triple Quad 5500+ QTRAP Ready "Enhanced high performance triple quadrupole LC-MS/MS mass spectrometer. Upgradable to QTRAP functionality. Includes: Turbo V Source that accepts either the TurbolonSpray Probe or APCI Probe. TurbolonSpray Probe: Heated IonSpray probe for use in the Turbo V Source. Accepts flow rates from 5 to 3000 ul/min without splitting. APCI Probe: Atmospheric Pressure Chemical Ionization probe for use in the Turbo V Source. Accepts flow rates from 200 to 3000 ul/min. System Includes integrated syringe pump and 6 port, 2 position switching valve. One standard wet pump kit (roughing pump). System ships with Data Acquisition Computer running Windows 10 64 bit. Standard Monitor. Software Starter Kit is required for operation and must be purchased separately. Instrument will not operate without the purchase of Software Starter kit. 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."		1	433,117.18	324,837.88	324,837.88
1.1...1	ABSX PROTECTPLUS 1PM	PROTECTPLUS 1PM Triple5500+	1 Year	1	48,241.00	38,592.80	38,592.80
2.1	4376887	Triazine Standard Mixture System Suitability Test Mixture for Cliquid Food Testing package, Triazine Pesticides Standard Mix 100ug/mL each component in methanol, ampoule of 1mL.		1	0.00	0.00	0.00
3.1	4376878	FG, Synergi 4U Fusion RP80A 50 X 2		1	0.00	0.00	0.00
4.1	4406127	PPGs Chemical Standards Kit (Low-High Concentratio Standards kit with high/low concentrations PPGs for installation and calibration		1	0.00	0.00	0.00
5.1	5307752	TQ/QT SW STARTER KIT - OS-MQ 3.3 This bundle contains; 1) Analyst 1.7 Acquisition and Processing License for acquisition and processing on a single workstation, 2) Analyst 1.7 Processing License for processing only (this license does not allow acquisition control), 3) Sciex OS-MQ license for quantitation of small molecule compounds, large molecule biomarkers and biopharmaceuticals on SCIEX LC-MS systems.		1	47,690.50	40,536.92	40,536.92
6.1	5079242	LC-40D HPLC PUMP Pump for routine HPLC applications up to 44 MPa/6,000 PSI. A dual piston design minimizes pulsation for stable chromatography in isocratic, binary or LPGE modes. Capable of flow rates between 0.1 uL/min to 10 mL/min.		1	13,355.29	11,352.00	11,352.00



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Quote Number	11041986
Account Number	1026621
Quote Date	21-JUN-2024
Valid To	15-OCT-24
Reference	Sciex Internal Ref# Q-173783
Freight Terms	SX - Prepaid and Add
Free On Board	Factory
Payment Terms	Net 30 days
Taxable	Yes
Sales Representative	Renlong Zhu
Administrator	Laura Rivera

Item No	Part Number	Description	Duration	Quantity	Unit List Price	Unit Net Price	Total Extended Price
7.1	5079242	LC-40D HPLC PUMP Pump for routine HPLC applications up to 44 MPa/6,000 PSI. A dual piston design minimizes pulsation for stable chromatography in isocratic, binary or LPGE modes. Capable of flow rates between 0.1 uL/min to 10 mL/min.		1	13,355.29	11,352.00	11,352.00
7.1...	ABSX LC PROTECT 1PM	LC PROTECT 1PM[SHIM-LC-40D 1PM	1 Year	1	9,077.00	7,715.45	7,715.45
8.1	5076232	UPS POWERVAR SECURITY PLUS II 8000VA - NA UPS POWERVAR SECURITY PLUS II 8 kVA (NEMA), for use in Americas		1	13,654.61	13,654.61	13,654.61
9.1	5079262	PIPING KIT A FOR HIGH PRESSURE GE/ID0.3 Tubing kit for high-pressure gradient system. Column inlet tubing ID 0.3 mm		1	1,686.91	1,433.87	1,433.87
10.1	5079249	AUTOSAMPLER SIL-40C The SIL-40C utilizes a needle in the flow path design for 0.1 to 50 µL injection volumes. Capable of handling pressures up to 44 MPa/6,000 PSI. Sample compartment can hold 3 plates (1.5/2 mL vials 54 vials x 3 plates) and is capable of temperature control from 4-45 C. Includes 50 uL sample loop. Does not include Auxiliary I/O Term cable (5056591). Includes one rack for 1.5/2 mL vials, additional 1.5/2 mL racks and racks for other vial sizes sold separately. Add SIL Installation Kit (4465708).		1	31,059.32	26,400.42	26,400.42
11.1	5056591	Cable Assembly Auxiliary I/O Term Auxiliary I/O cable. Provides synchronization control between ExionLC autosampler units and SCIEX mass spectrometers.		1	319.20	319.20	319.20
12.1	4465708	SIL INSTALLATION KIT 1.5 mL autosampler vials for the LC - 20 or LC - 30 series instruments, package of 100. Vials are clear borosilicate glass with 9 mm screw cap and non-bonded PTFE/Silicone septum with no slit.		1	88.23	88.23	88.23
13.1	5079246	DGU-403 DEGASSER 3-channel inline membrane degasser utilizing Teflon AF for rapid degassing of HPLC mobile phases.		1	4,325.22	3,676.44	3,676.44
14.1	5079241	CBM-40 LITE Central communication and control accessory board. Modules connect via fiber optic cables for easy "plug and play" system configuration (4 fiber optic ports available). Internal web server offers convenient control and monitoring of the HPLC system through a web browser.		1	3,349.64	2,847.19	2,847.19
15.1	4465786	10/100 ETHERNET SWITCH, SHIMADZU 10/100 Ethernet Network Switch used for the CBM-20A, CBM-20A Lites and the SPD-M20A UV detector.		1	105.01	105.01	105.01
16.1	5074348	CABLE* NETWORK CAT6A SHIELDED 7.0 FT BLUE		1	57.12	57.12	57.12



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Taxable	Yes
Sales Representative	Renlong Zhu
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17.1	228-70247-43	40 SERIES CABLE KIT C		2	297.09	297.09	594.18
18.1	5079254	CTO-40C Full-sized oven with forced air temperature control. Capable of temperatures from 10 C below ambient temperature to 100 C. Capacity of up to 6 x 250 mm columns. Can accommodate a manual injector, mixer and 2 switching valves. Up to 3 units can be daisy-chained.		1	7,436.91	7,436.91	7,436.91
19.1	5079260	NEXERA RESERVOIR TRAY		1	818.88	818.88	818.88
20.1	4465784	SOLVENT BOTTLES,SHIMADZU (SET OF 5) Solvent bottles with solid caps for ExionLC and Shimadzu LC systems.		1	452.68	452.68	452.68
21.1	4465785	SOLVENT BOTTLE CAP,SHIMADZU (INDIVIDUAL) 3 hole vented solvent bottle cap with plug and filter, 1/pk.		5	57.58	57.58	287.90
22.1	4425944	CORD SET,SHMDZ UC-975-N01		5	28.53	28.53	142.65
23.1	5303449	SCIEX GAS GENERATOR N19A26 KIT 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.		1	29,990.16	25,491.64	25,491.64

Sub Total	518,193.98	USD
Estimated Shipping and Handling	9,114.17	USD
Quotation Total	527,308.15	USD



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Free On Board	Factory
Payment Terms	Net 30 days
Taxable	Yes
Sales Representative	Renlong Zhu
Administrator	Laura Rivera

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>.

Once on the page, click on the country identified on the top left hand corner of this quotation, and either the "products" or "services" link as applicable. Company products and services are covered by only those warranties set forth in its limited warranty statement* which can be found at <http://www.sciex.com/warranty>. Operating software and stand alone software is licensed and not sold. The terms of license are included in the End User License Agreement (EULA)* provided with the software, a copy of which can be found at <http://www.sciex.com/products/software>. *To obtain a copy of either the TERMS, limited warranty statement or EULA, or if you have any questions, please call Company's customer service department using the contact information supplied on the left hand corner of this quotation.

SOLE SOURCE/BRAND SPECIFIC JUSTIFICATION FORM

All negotiated transactions exceeding \$5,000 must be reported to the Board of Supervisors.

Please check applicable box:

☐ **SOLE SOURCE** - The product/service is exclusively available from only one supplier/source. **NOTE:** An item being a "sole brand" or a "sole manufacturer" does not automatically qualify a "sole source" as manufacturers sell their products through distributors.

☒ **BRAND SPECIFIC** - A request that requires a specific brand name and/or model (also known as a "Do Not Substitute" request). The product may be available through various distributors.

Date:

09/06/2024

Department:

Sheriff

RQN:

RQN-SH-25011839 / 9638-01

Commodity/Service

463-08 / 6045 / LCMS INSTRUMENT PURCHASE

Vendor:

AB SCIEX LLC

Total Amount of Purchase:

\$580.038.97

A Sole Source or Brand Specific must meet at least one of the following criteria:

(Check all that apply)

☐

One-of-a-kind:

The commodity or service has no competitive product alternatives available.

☐

Product Proprietary:

The commodity or service requirements can only be met by only one vendor/supplier.

☒

Compatibility:

The commodity or service must match existing brand of equipment for compatibility.

☐

Time Frame:

The department's required time frame for project completion is critical and cannot be exceeded without extreme hardship.

☐

Replacement Part:

The commodity is a direct replacement part for a specific brand of existing equipment and has no substitutes.

☒

Service Continuity:

The cost to continue with the same service provider is less than the cost for any other vendor due to the time necessary to get "up to speed" (learning curve) with the project.

01. What is being requested?

A Sciex triple quadrupole liquid chromatography tandem mass spectrometry instrument (model: Sciex Triple Quad 5500+ LC-MS/MS system-QTRAP Ready) for the analysis of drugs in blood and urine samples associated with driving under the influence of drugs cases.

02. Explain the reason that this product or service's unique features are indispensable to your operation:

The LASD Toxicology section has one Sciex Triple Quad 5500+ LC-MS/MS instrument. The section is looking to expand its fleet of LC-MS/MS instruments to decrease casework turnaround time, increase the section's capacity to analyze more drugs, and detect drugs at lower concentration levels. Purchasing a second of the same instrument saves time in getting the instrument on-line due to staff familiarity with the instrument and related software.

03. Have other products been considered? List the products considered and reason for disqualification?

Yes, other vendors such as Waters and Agilent Technologies sell LC-MS/MS instruments; however, staff have no experience with the LC-MS/MS instruments or software from these vendors. Instruments from other vendors would require full validations and would require a significant amount of training and staff time. Instruments from other vendors would also require separate service contracts from the vendor for preventative maintenance, as well as different supplies.

04. Will the item be an interface (match and inter-member), addition, or repair to the existing equipment? Identify the existing equipment and provide additional justification.

No, this item is a separate stand-alone instrument and will not interface with the existing LC-MS/MS instrument, or other existing equipment at the crime laboratory.

05. Was this product or service previously purchased? YES ☒ NO ☐

05a. If yes, please provide prior PO#. Non-Department Funded Contract
500-50330480 with DLL Public Finance

06. Provide any other information relevant to the proprietary nature (ie. patents) of this product or service.

Addition of a second Sciex LC-MS/MS instrument over another vendor's instrument will allow for simplified supply purchases, and maintenance/service management of both instruments. Instrument redundancy is also a benefit of purchasing an identical second LC-MS/MS, essentially eliminating the possibility of down time if one instrument is off-line for repairs.

REQUESTOR NAME: Ernest Bille

SIGNATURE: Ernest Bille

Digitally signed by Ernest Bille
Date: 2024.10.01 14:07:51
+07'00'

TITLE: Captain

EMAIL: eobille@lasd.org

----- **ISD USE ONLY** -----

ANALYST'S NAME:

DATE SUBMITTED:

ADDITIONAL JUSTIFICATION (IF NEEDED): Describe all actions you have taken to reach your conclusion. Explain potential consequences for substitution of product/service. Include basis used to determine reasonableness of price and, if applicable, efforts to develop additional sources. Provide complete, brief, clear explanation. (Use reverse side of this sheet or attached additional sheet(s).)

Board Summary:

ISD PURCHASING MANGEMENT'S APPROVAL:

Section Mgr. - \$24,999.99 and under -----

Division Mgr. - \$25,000.00 and above -----