

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**



**ITEM: 3.50
(ID # 24214)**

MEETING DATE:
Tuesday, April 30, 2024

FROM : SHERIFF-CORONER-PA:

SUBJECT: SHERIFF-CORONER-PA: Approve the Purchasing Agent to issue Purchase Orders to Pen-Link, Ltd. Without seeking competitive bids for various mapping software subscriptions for Five (5) years; All Districts; [Total Cost - \$245,103; Up to \$49,021 in additional compensation]; 100% Sheriff's Budget

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve the Purchasing Agent to issue purchase orders to PenLink, Ltd. Without seeking competitive bids for various mapping software subscriptions for five (5) year through September 30, 2028, for a total aggregate amount of \$245,103; and,
2. Authorize the Purchasing Agent, in accordance with Ordinance No. 459 and based on the availability of fiscal funding, to issue Purchase Orders for up to \$49,021 in additional compensation for added users and licenses through September 30, 2028.

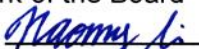
ACTION:


David Lelevier, Assistant Sheriff 4/15/2024

MINUTES OF THE BOARD OF SUPERVISORS

On motion of Supervisor Spiegel, seconded by Supervisor Gutierrez and duly carried by unanimous vote, IT WAS ORDERED that the above matter is approved as recommended.

Ayes: Jeffries, Spiegel, Washington, Perez and Gutierrez
Nays: None
Absent: None
Date: April 30, 2024
xc: Sheriff

Kimberly A. Rector
Clerk of the Board
By: 
Deputy

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FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost
COST	\$ 52,393	\$ 81,644	\$ 294,124	\$ 0
NET COUNTY COST	\$ 52,393	\$ 81,644	\$ 294,124	\$ 0
SOURCE OF FUNDS: 100% Sheriff's Budget			Budget Adjustment: No	
			For Fiscal Year: 23/24-27/28	

C.E.O. RECOMMENDATION: Approve

BR# 24-066

BACKGROUND:

Summary

The use of technology devices and social media is integral part of our daily lives, and more technology-based crimes are being committed. The Riverside Sheriff's Office (RSO) Major Crimes Bureau (MCB) is comprised of the Central Homicide Unit, Force Investigations Detail, Computer and Technology Crime High Tech Response Team, Crime Analysis Unit and the Forensics Unit. These investigative teams are supported by crime analysts who provide statistical and investigative support. To investigate technology-based crimes, the crime analysts utilize various databases and investigative tools to collect, extract and analyze data from phones and social media devices to aid an investigation. The ability to analyze call detail records and various forms of location-based data to identify patterns of criminal behaviors and/or relationship between data point is critical to prosecute crimes.

The Department recently purchased GeoTime Desktop and PenLink PLX Analysis Suite, both of which when combined support virtually any type of communications data from live collection or historical sources. GeoTime Desktop offers 3D mapping tools to show time and space to uncover details that otherwise may have been hidden through conventional 2D mapping. It also provides instant interactive visualization analysis, mapping, and reporting of geo-temporal data. PenLink PLX analyzes historical and live cellphone and social media account data in a single interface. The combined use of these applications enables the analysts to visualize nefarious behavior through cellular geo-temporal device activity in real-time in one comprehensive platform.

Over the years, RSO has purchased various mapping and analysis subscriptions from Uncharted Software Inc. (DBA GeoTime) for criminal investigations and surveillance operations and from PenLink, Ltd. for digital evidence software support. When PenLink, Ltd. acquired GeoTime, the annual costs for these of these subscriptions exceeded \$50K requiring Board approval. RSO is requesting to purchase additional licenses/subscriptions to conduct their investigative research, and the latest request is the GeoTime Live Agency Subscription for unlimited users.

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As technologies expand and evolve, these products provide law enforcement and public safety agencies solutions to reduce the burden of analyzing data and identifying key insights.

Fiscal Information

Description:	FY23/24	FY24/25	FY25/26	FY26/27	FY27/28	Total
Ongoing Costs CAU:						
<i>*GeoTime Desktop - Network Concurrent Maintenance Renewal</i>	\$4,996	\$6,245	\$6,245	\$6,245	\$6,245	\$29,976
<i>**GeoTime Desktop - Network Concurrent New Purchase</i>	\$6,499					\$6,499
<i>*PenLink PLX Analysis Suite</i>	\$23,904					\$23,904
<i>*PenLink PLX Analysis Suite Perpetual Conversion and maintenance</i>		\$58,405				\$58,405
<i>*PenLink PLX Analysis Suite Annual Maintenance</i>			\$13,783	\$13,783	\$13,783	\$41,349
Ongoing Costs INCH:						
<i>*Nodelocked GeoTime Desktop licenses with Formats Subscriptions</i>	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	\$12,500
<i>*GeoTime Formats</i>	\$2,495	\$2,495	\$2,495	\$2,495	\$2,495	\$12,475
<i>GeoTime Live Agency Subscription</i>	\$11,999	\$11,999	\$11,999	\$11,999	\$11,999	\$59,995
Previous SSJ Approved Amounts:	\$42,895	\$49,144	\$49,144	\$49,144	\$49,144	\$239,471
Total Costs	\$52,393	\$81,644	\$37,022	\$37,022	\$37,022	\$245,103

Contract History and Price Reasonableness

PenLink is offering Law Enforcement Legacy pricing to the Sheriff's Department. The cost for the GeoTime Desktop concurrent (floating) maintenance has not increased within the past five years.

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RSO is requesting to purchase the GeoTime Live subscription for \$11,999 for unlimited users. Through our negotiation, PenLink is offering this subscription at a fixed cost for 5 years. In addition, starting FY 24/25 RSO plans to switch the PenLink PLX Analysis Suite (6 licenses) to the perpetual pricing model in which the initial annual cost will be is \$58,405 and \$13,783 subsequently for every year after. RSO is requesting to pay the perpetual license fee structure as this option will yield a cost saving over time since the renewal cost will be for \$13,783, instead of the previously approved \$23,904 annually.

The total 5-year cost for all the applications and subscriptions is \$245,103. RSO is requesting an aggregate 20% contingency of \$49,021 to cover additional users and licenses, software updates, and maintenance over the five (5) years. The aggregate five-year cost with the contingency will total \$294,124.

This SSJ will also supersede previously approved SSJ #24-081.

Impact on Residents and Businesses

To protect the public, RSO requires access to the latest investigative tools to solving cases. The use of these subscriptions will improve RSO analysts' ability to extract pertinent information from cellular devices for criminal investigations and courtroom presentation.

ATTACHMENTS:

- Sole Source Justification
- H-11 Approval



Meghan Hahn, Director of Procurement 4/11/2024



Rebecca S Cortez, Principal Management Analyst 4/22/2024



Darryl Polk, Chief Technology Office 4/11/2024

H11 Number:	PR2021-11691		
Requested Purchase:	PEN-LINK - INCH		
Department/Agency:	Sheriff		
Primary Contact/Phone:	Stephanie Mora Ponce	Alternate Contact/Phone:	Teresa McGuire/
Purchase Request Type:			
Describe Requested Purchase:	PEN-LINK - INCH		
Terms:	Is this a Multi Year Contract?: False Length of Contract: Start Date: End Date: Special Tems and Conditions:		
Business Needs Addressed:			
Are there other county systems that provide the same functionality?			
Business Criticality:			
Business Impact:			

Current Cost itemization (Include all the year 1 cost)							
Item Description	Purchase Type	Vendor	Quantity	Unit Cost	Sub_Total	Item Tax	Total Cost
PLX SOFTWARE	Software	PENLINK	1	\$37,175.06	\$37,175.06		\$37,175.06
PenLink Academy Training Subscription	Software	PENLINK	1	\$3,215.63	\$3,215.63		\$3,215.63
Total:							\$40,390.69

Annual Costs				
Item Description	Payment Type	Terms (in Years)	Payment amount	Total Annual Payments
Total:				

Grand Total: \$40,390.69

Accounting String						
To be completed for pass-thru purchases that will be processed by RCIT Only						
%Billed	Accounts (6 digits)	Dept.ID (6 -10 digits)	Program (5 digits)	Class (5 digits)	Grant (9 digits)	Customer Project Code (10 digits)

Department Head or Authorized Designee Signature: Lt. Adam Vallejo	Date: 12/1/2021 4:24 PM
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RIVERSIDE COUNTY INFORMATION TECHNOLOGY PROCUREMENT FORM

RCIT Review (Standard purchases and renewals < \$25000) - Administrative Review Status

Recommended: Yes	By: RCIT H-11 System	Date: 12/7/2021 10:18 AM
Denial Explanation:		

ACIO Review - ACIO Review Status

Recommended:	By:	Date:
Denial Explanation:		

CIO Review (Purchases and renewals >\$100K) CIO Review Status

Recommended:	By:	Date:
Denial Explanation:		

TSOC Review (Purchases and renewals >\$100K) TSOC Review Status

Recommended:	By:	Date:
Denial Explanation:		



Riverside County Sheriff's Office

Chad Bianco, Sheriff-Coroner

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SS-SHERIFF, PenLink, LTD

Date: 03/28/24
From: Amanda Bennett, Deputy Director Sheriff Admin
To: Board of Supervisors/Purchasing Agent
Via: Sharae Hill, CAU Supervisor (951) 955-9823
Subject: Sole Source Procurement; Request for GeoTime Desktop and PenLink PLX

The below information is provided in support of my Department requesting approval for a sole or single source. **Note:** Once signed by the Department Head and PCS (Signature Line below) Email completed SSJ to: psolesource@rivco.org.

1. **Supplier being requested:** PenLink, Ltd.
2. **Vendor ID:** 63532
3. **Single Source** **Sole Source**
4. **Have you previously requested and received approval for a sole or single source request for this vendor for your department?**
 Yes **No**
SSJ# 24-081

- 4a. **Was the request approved for a different project?** N/A
 Yes **No**

5. Supply/Service being requested:

The Crime Analysis Unit (CAU) supports patrol stations and specialized teams throughout the County. Crime Analysts are often tasked with analyzing Call Detail Records (CDRs) and various forms of location-based data to identify patterns of behavior and/or relationships between data points. For this reason, CAU is requesting the purchase of GeoTime Desktop and PenLink PLX; both are powerful visual analysis and mapping software packages. GeoTime Desktop is currently used by High Intensity Drug Trafficking Area (HIDTA) programs, fusion centers, national defense organizations and law enforcement agencies worldwide for criminal investigations, intel analysis, surveillance operations and courtroom presentations.



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6. Unique features of the supply/service being requested from this supplier.

GeoTime Desktop offers 3D mapping tools to show time and space to uncover details that otherwise may have been hidden through conventional 2D mapping. GeoTime provides instant interactive visualization analysis, mapping, and reporting of geo-temporal data. The software analyzes various data sources which include:

- Call detail record (CDRs)
- Mobile forensics
- Social media
- Chat and IM, tower dumps
- Vehicle extractions
- Mobile Apps
- GPS trackers
- License plate readers (LPR), and more.

Other unique features include the in-depth call records analysis, most frequent callers, top locations visited, and other elements to easily identify patterns or relationships between entities. These tools include the following:

- Meeting finder
- Separation finder
- Cluster finder
- Active site finder
- Proximity detector
- Co-travel detector
- Geofences
- Stationery, Gap finder and Speed finder

This also includes connection filtering, paths between objects, link analysis, and links between entities. GeoTime is equipped with video automation to visualize the movement from one data point to another. Users can capture static snapshots of the map which can be exported into a PowerPoint Presentation or .png files.

PenLink PLX analyzes historical and live cellphone and social media account data in a single interface. PLX supports over 600 service provider/file types for cellphones, social media accounts, emails, mobile Apps, mobile forensics, etc. PLX allows customize analytical functions and reports without limitations to identify commonalities, frequencies, and patterns of behavior.

GeoTime Live allows Department members access to share and access to the mapping systems/pings from their smart handheld devices. This option will be helpful for all significant investigations and allow team members to have real-time access to live tracking.



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7. Reasons why my department requires these unique features from the vendor and what benefit will accrue to the county:

GeoTime Desktop and PenLink PLX combined supports virtually any type of communications data from live collection or historical sources. This enables our unit the ability to visualize nefarious behavior through cellular or geo-temporal enabled device activity. Without this technology it would take numerous hours, if not days, to analyze the data and provide a finished work product presentable for investigations and courtroom testimony.

Geo Time Live instantly and securely shares live maps with the team or task force. Simple interactive map which allows the user to easily add landmarks and receive geofence alerts. Geo Time Live can be used on any mobile phone, eg. iPhone/Android, any computer, tablet or toughbook in the exact same way

8. Period of Performance: From: 10/1/2023 to 9/30/2028

Is this an annually renewable contract? No Yes
Is this a fixed-term agreement: No Yes

9. Identify all costs for this requested purchase. In addition, please include any single or sole source amounts previously approved and related to this project and vendor in the section designated below for current and future fiscal years. You do not need to include previous fiscal year amounts. If approval is for multiple years, ongoing costs must be identified below. If annual increases apply to ongoing costs such as CPI or other contract increases, provide the estimated annual cost for each consecutive year. If the annual increase may exceed the Purchasing Agent's authority, Board approval must be obtained.

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10. Price Reasonableness:

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This SSJ will also supersede previously approved SSJ #24-081 by bringing approved items and new items under one SSJ.




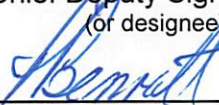
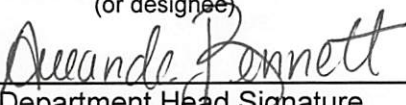
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11. Projected Board of Supervisor Date: 05/07/2024

	MISTY REYNOLDS	4/2/24
Chief Deputy Signature (or designee)	Print Name	Date
	PAUL BENNETT	4/2/24
Assistant Sheriff Signature (or designee)	Print Name	Date
	Amanda Bennett	4/2/24
Department Head Signature (or designee)	Print Name	Date

The section below is to be completed by the Purchasing Agent or designee.

Purchasing Department Comments:

Approve

Approve with Condition/s

Disapprove

Condition/s:

It is the departments responsibility to insure selected vendor meets all legal and contractual requirements for this purchase. It is the departments responsibility to monitor all spend for the period of performance so as not to exceed \$294,124 including contingency.

Not to exceed:

One-time \$ _____ Aggregate: \$294,124 including contingency

Annual Amount \$ _____ / per fiscal year through _____ (date)

(If Annual Amount Varies each FY)

FY _____ : \$ _____

FY _____ : \$ _____

FY _____ : \$ _____

FY _____ : \$ _____

FY _____ : \$ _____



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Reviewed by Procurement Contract Specialist (PCS):

Signature: *Tondra Hill*

Date: 3/28/24

Melissa Curtis

4/3/2024

24-221

Purchasing Agent

Date

Approval Number
(Reference on Purchasing Documents)