

# Casey Hall District Attorney

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**97th Judicial District of Texas**  
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April 14, 2022

**Judge Kevin Benton**  
Montague County Judge  
P.O. Box 475  
Montague, Texas 76251

Re: Proposed Budget  
2023 Fiscal Year District Attorney Budget

Dear Judge Benton,

Below you will find proposed changes for 97<sup>th</sup> Judicial District Attorney's Offices' Budget. These changes will be requested and addressed at the budget hearing for the District Attorney.

First, I am proposing an increase in funding for the second ADA position from the district. Currently, the district funds \$10,000 towards the position, with the remainder being paid from DA Forfeiture Funds. I am proposing that an additional \$25,000 of Ms. Price's salary to be funded by the district, for a total of \$35,000, and the remainder from the DA Forfeiture Fund.

I am also requesting a salary increase for the second ADA position of \$15,000 to be paid out of DA Forfeiture Funds. During her first year with the DA's Office, Ms. Price has made significant progress to ensure efficient case dispositions, victim satisfaction, law enforcement support and training, and community outreach. Her diligence in the courtroom led to a 7-minute guilty verdict on an Archer County murder case last December, with several more trials scheduled beginning in June of 2022. Currently, we are preparing for six trials in 2022, including manufacture and delivery of methamphetamine, first degree injury to a child, two murders, multiple counts of aggravated sexual assault of a child, and an aggravated assault on a peace officer. The addition of Ms. Price has made such a strenuous trial schedule possible, and her seven years of criminal experience and dedication to this district have made her a crucial part of our team.

I am also requesting increasing the trial expense, operating expense, and insurance budget line items as follows:

Line-Item	Amount Requested	Proposed Total
Trial Expense	\$10,000.00	\$20,000.00
Operating Expense	\$500.00	\$6,000.00
Insurance	\$372.00	\$3,200.00

Finally, the DA's Office has been working in conjunction with the Montague County Sheriff's Office to obtain Cellebrite and Cell Hawk in order to be able to perform forensic analyses on cell phones in criminal cases. I am proposing to add a line item for the Cell Hawk yearly subscription in the amount of \$4,995.00. I have attached a copy of the quote and more information about the Cell Hawk program for your convenience.

Thank you for your attention to this matter. If you have any questions, please do not hesitate to contact me.

Sincerely,

/s/ Casey Hall

Casey Hall  
97th Judicial District Attorney

cc: Montague County Auditor  
Jennifer Essary

Montague County Treasurer  
Jennifer Fenoglio

Archer County Auditor  
Paul Wylie

Clay County Auditor  
Gina Blevins

**Prepared For:** Montague County (TX) District Attorney's Office  
 FBO Montague County (TX) Sheriff's Office

**Primary Contact:** Ethan Romine  
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Quantity	Text	List Price	Sub Total	Total
1.00	CellHawk Subscription - Unlimited Subscription Term: 12 months Number of Users: Up to 3 Number of Records: Unlimited Support Team Access: Unlimited New User Training Included	4,995.00	4,995.00	4,995.00
<b>Grand Total (USD)</b>				<b>4,995.00</b>

**Terms & Conditions:**

By providing payment in response to this quote:

- You acknowledge having received, read and understood the Hawk Analytics Master Subscription Agreement updated March of 2017.
- You agree to license and use the CellHawk web-based application (the Application) according to the terms set forth in the Agreement.

The Total Cost covers:

- Use of the Application
- All software upgrades & maintenance
- Unlimited technical support provided via phone and/or email

Acceptance of an Order by Hawk Analytics, Inc. is evidenced only by issuance to Customer of a userid and password that will permit access to the Application for the term indicated above.



# CELLHAWK

POWERED BY HAWK ANALYTICS

## Making the Case for CellHawk

The technological advancements achieved over the past two decades have transformed how people communicate. As a result, cellular and geolocated data is now an indispensable source of information for investigators. Capitalizing upon society's widespread reliance on mobile devices, investigators can use the data collected from them to gain vital insights into suspect and victim location and communication history, associations with persons of interest, and deviations from daily routines that illuminate a crucial connection and move the case forward. This data improves the speed and success of an investigation by generating new leads, uncovering unexpected relationships, and revealing deception/validating information shared during an interview. Leveraging this intelligence is a simple process, but it can make the difference in moving a case from "cold" to "closed."

When a mobile device connects to a carrier's spider web of cellular towers, the carrier captures precise information about that event in the form of a "Call Detail Record" (CDR). In response to legal demand, the network provider will return a report in spreadsheet format that contains all Call Detail Records for the target device. This report now becomes a key piece of evidence for the investigator, who uses it to map the cell tower locations with which that mobile device connected, complete with timestamps of when those connections took place. In addition, if the investigator's toolset includes a sophisticated analytics capability, he can mine the evidence for insights that go well beyond simple cell tower mapping. Considering that some carriers do not provide location information for certain types of activity like text messaging, organizations that incorporate both mapping and Advanced Analysis are following Best Practices. Here are a few examples of the type of casework solved using CDRs and geo-located data:

### Use Cases for Analyzing Mobile Device Locations:

- Locate missing persons
- Recover fugitives
- Prioritize/deprioritize suspects
- Identify a suspect and victim's proximity to each other
- Estimate speed and/or route of travel
- Identify time windows associated with crime events
- Identify previously unknown home-bases or hideouts
- Visualize frequented locations to establish baseline behaviors and deviations from normal patterns of life
- Corroborate evidence with other data streams like CCTV, ALPRs, ankle bracelets, or social media

### Use Cases for Data Mining through Advanced Analytics:

- Discover unknown accomplices or additional victims
- Identify closest associates vs. contacts that crop up around a crime window
- Identify normal "patterns of life" vs. patterns associated with capering
- Visualize communication pathways between individuals (one-sided vs. mutual) and preferred communication modes (text vs. voice)
- Apply user-defined filters to weed out "chaff" events to get answers to very case-specific questions
- Gain insight into whether a phone may have run out of battery, been powered off, or put into airplane mode vs. a sudden event like a hammer smash or submersion in water



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## Use cases for Google GeoFences and Tower Dumps:

- Identify suspect(s) when no suspect is known. Tower Dumps find phone numbers connected to a target location at a given time by “dumping” all cell towers servicing the target location. GeoFences allow an investigator to draw a closed shape on the map and investigate all devices that Google shows as active in the area during that time.

CellHawk is a professionally built software program that ingests CDRs and geolocated data to accurately visualize evidence in seven analysis modes. The software is designed and maintained by Hawk Analytics, Inc., one of the most long-standing and reputable service providers in the industry. The company is comprised of cellular technology software experts and experienced former law enforcement professionals whose depth of experience in both Development and Client Success make CellHawk well-positioned to exceed the product and support needs of the law enforcement community.

The system provides fully customizable graphical representations of cell tower locations on several map underlays. These representations align with best practice recommendations from industry thought leaders, such as the FBI and Scientific Working Group on Digital Evidence. Moreover, CellHawk’s animation mode provides a superior mapping product that is more sophisticated, user-friendly, and customizable than what is available via free-to-law-enforcement platforms like Google Earth Pro. The program provides link analysis to highlight connections between locations and people, timeline analysis to show changes in usage patterns, and frequency analysis to prioritize people and locations. CellHawk will plot device pings received in real time from network providers in response to legal process or exigency, where priority of life allows for data access in advance of a legal request. In addition, Hawk Analytics provides in-depth support, classroom training, peer review, and can even author work products and provide courtroom testimony through their Professional Services division.

In summary, CellHawk is a proven product being used by thousands of investigators across the country. It will allow you to achieve faster results and greater success in the following ways: 1) CellHawk unburdens investigators from manually mapping locations and manipulating spreadsheet data, which is labor-intensive, time consuming, and prone to error, 2) CellHawk processes the evidence in a way that preserves the chain of custody, provides dynamic reporting, and depicts the graphical data in a way that is manually repeatable, 3) because CellHawk location information can be replicated with simple tools like a printed map, protractor, and marker, it makes the results independently verifiable by the investigator. This facilitates overcoming Daubert/Frye objections and allows the evidence to be easily admitted, articulated, and understood during trial. Most importantly, use of the CellHawk program will significantly improve our investigations by analyzing all available evidence, not just the subset of data that the investigator had the time or energy to process manually.

Please see the attached quotation for service that provides access to the CellHawk software and Support Team, and which I believe will greatly benefit your agency and the constituency we serve.

Regards,

Derek Tomlinson