CERTIFIED COPY OF ORDER

STATE OF MISSOURI
County of Boone
} ea.

March Session of the January Adjourned   Term. 20 19

In the County Commission of said county, on the   7th   day of   March   20 19

the following, among other proceedings, were had, viz:

Now on this day, the County Commission of the County of Boone does hereby approve the attached grant application from the Boone County Sheriff's Department for the 2020 State Cyber Crimes Grant.
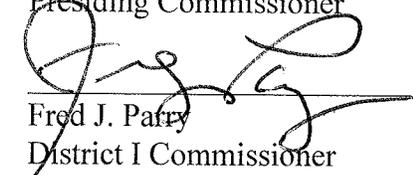
Done this 7th day of March 2019.

ATTEST:

Brianna L. Lennon
Clerk of the County Commission
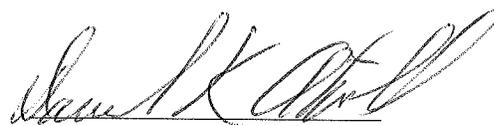
Daniel K. Atwill
Presiding Commissioner

Fred J. Parry
District I Commissioner

Absent
Janet M. Thompson
District II Commissioner

Description	Total	2019	2020	Action Date	Notes
2020-2020 SCCG Grant Proposed					
Personnel					
Detective salary - Andy Evans	$ 52,686.40				
Detective salary - Cody Bounds	$ 53,227.20				
Personnel Benefits	**Total**	**2019**	**2020**	**Action Date**	**Notes**
CERF - County Paid Contribution - Both	$ 2,118.27				**
Dental Insurance - Both	$ 840.00				**
Dental Insurance - Bounds - Full Family	$ 257.76				**
Fica/Medicare - Both	$ 8,102.39				
Life Insurance - Both	$ 144.00				**
Long-Term Disability - Both	$ 381.29				**
Medical Insurance - Both	$ 12,168.00				
Medical Insurance - Bounds - Full Family	$ 3,846.24				**
Pension/Retirement - Both - 401(a) match	$ 1,300.00				
Workers Comp - Both	$ 2,838.48				
Personnel - Overtime	**Total**	**2019**	**2020**	**Action Date**	**Notes**
Overtime - Evans - 100 hrs	$ 3,800.00				
Overtime - Bounds - 220 hrs	$ 8,445.80				
Overtime - Perkins - 140 hrs	$ 5,817.00				
Overtime - FICA/Medicare	$ 1,381.80				
Overtime - Workers Comp	$ 484.08				
Overtime - CERF	$ 361.26				
Training/Travel	**Total**	**2019**	**2020**	**Action Date**	**Notes**
IACIS Mobile Device Forensics Training - Airfare/baggage	$ 500.00				Heckmaster - TBA - Orlando FL **
IACIS Mobile Device Forensics Training - Airport parking	$ 54.00				Heckmaster - TBA - Orlando FL **
IACIS Mobile Device Forensics Training - Fuel	$ 50.00				Heckmaster - TBA - Orlando FL **
IACIS Mobile Device Forensics Training - Lodging	$ 700.00				Heckmaster - TBA - Orlando FL **
IACIS Mobile Device Forensics Training - Meals	$ 240.00				Heckmaster - TBA - Orlando FL **
IACIS Mobile Device Forensics Training - Registration	$ 1,495.00				Heckmaster - TBA - Orlando FL **
IACIS Mobile Device Forensics Training - Rental car	$ 280.00				Heckmaster - TBA - Orlando FL **
ICAC Advanced Undercover Chat - Airfare/baggage	$ 500.00				Evans - June 24-27, 2019 - Virginia
ICAC Advanced Undercover Chat - Airport parking	$ 45.00				Evans - June 24-27, 2019 - Virginia
ICAC Advanced Undercover Chat - Fuel	$ 60.00				Evans - June 24-27, 2019 - Virginia
ICAC Advanced Undercover Chat - Hotel parking	$ 50.00				Evans - June 24-27, 2019 - Virginia
ICAC Advanced Undercover Chat - Lodging	$ 600.00				Evans - June 24-27, 2019 - Virginia
ICAC Advanced Undercover Chat - Meals	$ 275.00				Evans - June 24-27, 2019 - Virginia
ICAC Advanced Undercover Chat - Rental car	$ 300.00				Evans - June 24-27, 2019 - Virginia
TeelTech Adv Flasher Box & Bootloader - Airfare/baggage	$ 500.00				Bounds - July 8-12, 2019 - St. Sugustine FL
TeelTech Adv Flasher Box & Bootloader - Airport parking	$ 54.00				Bounds - July 8-12, 2019 - St. Sugustine FL
TeelTech Adv Flasher Box & Bootloader - Fuel	$ 50.00				Bounds - July 8-12, 2019 - St. Sugustine FL
TeelTech Adv Flasher Box & Bootloader - Lodging	$ 700.00				Bounds - July 8-12, 2019 - St. Sugustine FL
TeelTech Adv Flasher Box & Bootloader - Meals	$ 270.00				Bounds - July 8-12, 2019 - St. Sugustine FL

TeelTech Adv Flasher Box & Bootloader - Registration	$	3,950.00				Bounds - July 8-12, 2019 - St. Sugustine FL
TeelTech Adv Flasher Box & Bootloader - Rental car	$	280.00				Bounds - July 8-12, 2019 - St. Sugustine FL
Equipment		**Total**	**2019**	**2020**	**Action Date**	**Notes**
GrayShift GrayKey	$	15,075.00				
Supplies/Operations		**Total**	**2019**	**2020**	**Action Date**	**Notes**
AccessData Certified Examiner ACE - Recertification	$	100.00				**
Cellebrite Certified Mobile Examiner CCME - Recertification	$	389.00				**
Cellebrite Certified Physical Analyst CCPA - Recertification	$	578.00				** 2 @ 289.00
HostGator Website Domain Registration and Hosting	$	294.34				**
IACIS Membership	$	300.00				** 2 @ 75
Contractual		**Total**	**2019**	**2020**	**Action Date**	**Notes**
AccessData Forensic Toolkit (FTK) License- Renewal	$	2,445.52				2 @ 1222.76
ADF Digital Evidence Investigator License - Renewal	$	2,998.00				2 @ 1490.00
BlackBag Analyst Suite Software/License - New	$	4,405.00				
BlackBag Mobilize Software/License - New	$	755.00				
Cellebrite UFED Cloud Analyzer License - Renewal	$	2,597.66				
Cellebrite UFED Ultimate 4PC License - Renewal	$	7,326.00				2 @ 3663.00
Deepstar Disk imager 4 License - Renewal	$	350.00				
GetData Forensic Explorer License - Renewal	$	495.00				
Internet Service	$	959.28				
Magnet Forensics Internet Evidence Finder (IEF) License - Renewal	$	2,150.00				2 @ 1075.00
Webroot Antivirus - Renewal	$	239.98				** 15 instances/licenses
Wireless Air Card Service	$	494.88				
X-Ways Forensics Software/License- New	$	2,469.00				
SCCG Total	$	**213,574.63**				

** Cut from 19 budget

Application

99841 - 2020 SCCG - Final Application

101227 - Boone County Sheriff's Department Cyber Crimes Task Force
State Cyber Crime Grant (SCCG)

Status: Editing

Submitted Date:

Applicant Information

Primary Contact:

Name:*	Lieutenant Title	Britt First Name	Shea Last Name

Job Title:* Lieutenant

Email:* bshea@boonecountymo.org

Mailing Address:* 2121 E County Dr

Street Address 1:

Street Address 2: 2121 E County Dr

*****	Columbia City	Missouri State/Province	65202 Postal Code/Zip

Phone:* 573-875-1111   6254
Ext.

Fax:* 573-874-8953

Organization Information

Applicant Agency:* Boone County, Cyber Task Force

Organization Type:* Government

Federal Tax ID#:* 436000349

DUNS #:* 182739177

CCR Code: 4KKC8   08/21/2018
Valid Until Date

Organization Website: www.showmeboone.com

Mailing Address:* 801 E. Walnut Street

Street Address 1:

Street Address 2:

City*	Columbia	Missouri	65201	7732
	City	State/Province	Postal Code/Zip	+ 4

County:*   Boone

Congressional District:*   04

Phone:*   573-886-4305

                                 Ext.

Fax:*   573-886-4311

Contact Information

Authorized Official

The Authorized Official is the individual that has the ability to legally bind the applicant agency in a contract. Refer to the above mentioned Grant Solicitation for further instructions.

Name:*	Mr.	Daniel		Atwill
	Title	First Name		Last Name

Job Title:*   Presiding Commissioner

Agency:*   Boone County Commissioner's Office

Mailing Address:*   801 East Walnut Street, Rm 333
Enter a PO Box where applicable. If a PO Box is not applicable, enter the physical street address.

Street Address 1:

If a PO Box is entered on the Mailing Address line, enter the physical street address here.

Street Address 2:

City/State/Zip:*	Columbia	Missouri	65201
	City	State	Zip

Email:*   datwill@boonecountymo.org

Phone:*   573-886-4305

                                 Ext.

Fax:*   573-886-4311

Project Director

The Project Director is the individual that will have direct oversight of the proposed project. Refer to the above mentioned Grant Solicitation for further instructions.

Name:*	Sheriff	Dwayne		Carey
	Title	First Name		Last Name

Job Title:*   Sheriff

Agency:*   Boone County Sheriff's Department

Mailing Address:*   2121 County Drive
Enter a PO Box where applicable. If a PO Box is not applicable, enter the physical street address.

Street Address 1:

If a PO Box is entered on the Mailing Address line, enter the physical street address here.

Street Address 2:

City/State/Zip:*

Columbia   Missouri   65202

City   State   Zip

Email:* dcarey@boonecountymo.org

Phone:* 573-875-1111   6219

Ext.

Fax:* 573-874-8953

Fiscal Officer

The Fiscal Officer is the individual who has responsibility for accounting and audit issues at the applicant agency level. Refer to the above mentioned Grant Solicitation for further instructions.

Name:*

Mr.   Tom   Darrough

Title   First Name   Last Name

Job Title:* County Treasurer

Agency:* Boone County Treasurer's Office

Mailing Address:* 801 East Walnut Street, Rm 205

Enter a PO Box where applicable. If a PO Box is not applicable, enter the physical street address.

Street Address 1:

If a PO Box is entered on the Mailing Address line, enter the physical street address here.

Street Address 2:

City/State/Zip:*

Columbia   Missouri   65201

City   State   Zip

Email:* tdarrough@boonecountymo.org

Phone:* 573-886-4365

Ext.

Fax* 573-886-4369

Officer in Charge

The Officer in Charge is the individual that will act as the supervisor or commander of the proposed project.

Name:*

Lieutenant   Britt   Shea

Title   First Name   Last Name

Job Title:* Investigations Lieutenant

Agency:* Boone County Sheriff's Department

Mailing Address:* 2121 County Drive

Enter a PO Box where applicable. If a PO Box is not applicable, enter the physical street address.

Street Address 1:

If a PO Box is entered on the Mailing Address line, enter the physical street address here.

Street Address 2:

City/State/Zip:*

Columbia   Missouri   65202

City   State   Zip

Email:*   bshea@boonecountymo.org

Phone:*   573-228-4021

                                                            Ext.

Fax:*   573-874-8953

Project Summary

Application Type:*	Continuation
Current Subaward Number(s):	2019-SCCG-001
Program Category:*	Law Enforcement
Project Type:*	Regional
Geographic Area:*	The service area includes Audrain, Boone, Callaway, Cole, Cooper, Howard, and Randolph Counties located in Central Missouri.
Brief Summary:*	The Boone County Sheriff's Department Cyber Crimes Task Force is a cooperative effort between participating Mid-Missouri law enforcement agencies across a seven-county area. The primary focus of the Task Force is the detection and investigation of Internet crimes committed against children.
	The Task Force also provides forensic examinations of computers, cellular phones, and other electronic media to law enforcement agencies and prosecuting attorneys.
	Additionally, in an effort to improve public safety for children and the community, the Task Force organizes and participates in educational programs and public awareness events. The goal is to mitigate the potential dangers and negative consequences that come with the use of social media, the Internet, and related technology.
Program Income Generated:*	Yes

Personnel

Name	Title	Position	Employment Status	Salary per Pay Period	Number of Pay Periods	% of Funding Requested	Total Cost
Andy Evans	Investigator	Retained	FT	$2,026.40	26.0	100.0	$52,686.40
Cody Bounds	Investigator	Retained	FT	$2,047.20	26.0	100.0	$53,227.20
							$105,913.60

Personnel Justification

Personnel Justification

If personnel is not included in the budget, skip this section.

If personnel is included in the budget, provide the following justification for each position (preferably in the same order as the position is listed in the budget category):

*If the position is **new (created)**:*
- *Provide a description of the job responsibilities the individual will be expected to perform*
- *Where applicable to the posted position, identify any experience that will be expected of the individual*

*If the position **exists (retained)**:*
- *Provide a description of the job responsibilities*
- *Provide a description of the experience possessed by the individual*

If a salary change may occur during the project period and a separate line is included in the budget to reflect such change, address the individual's eligibility (or reason) for such change, the percentage of change, and the effective date of the change.

Andy Evans has been a certified law enforcement officer for 16 years and is currently an investigator employed by the Boone County Sheriff's Department assigned to the Cyber Crimes Task Force. Detective Evans was assigned to the Task Force in July 2014. Detective Evans' primary responsibility is reactive and proactive investigations involving crimes against children through the Internet. Additional duties include surveillance details, testimony in State and Federal criminal proceedings, obtaining search warrants and other legal demands, serving search warrants, preparing and participating in public awareness and education programs, and attending further training for his position.

Detective Evans has attended numerous ICAC classes, including IT related courses, basic and advanced online ads investigation training, undercover chat training, and BitTorrent peer to peer training.

Cody Bounds has been a certified law enforcement officer for eight years and is currently an investigator employed by the Boone County Sheriff's Department assigned to the Cyber Crimes Task Force. Detective Bounds was assigned to the Task Force in January 2014. Detective Bounds' primary responsibility is forensic examinations of electronic evidence, testimony in State and Federal criminal proceedings, obtaining search warrants, preparing evidence for court, and attending further training for his position.

Detective Bounds completed a certification in Comp TIA A+ Hardware and Software and has maintained that certification. Additionally, Detective Bounds completed over 550 hours in forensics training, including All Access Online Pass, FTK AccessData Bootcamp, certified Cellebrite mobile examiner, IACIS Basic Certified Forensics training, and In-System Programming for Mobile Device Forensics training.

Personnel Benefits

Category	Item	Salary/Premium	Percentage/# of Periods	% of Funding Requested	Total Cost
CERF	CERF - County Paid Contribution - Both	$105,913.60	0.02	100.0	$2,118.27
					$2,118.27
Dental Insurance	Dental Insurance - Both	$70.00	12.0	100.0	$840.00
Dental Insurance	Dental Insurance - Bounds - Full Family	$21.48	12.0	100.0	$257.76
					$1,097.76
FICA/Medicare	FICA/Medicare - Both	$105,913.60	0.0765	100.0	$8,102.39
					$8,102.39
Life Insurance	Life Insurance - Both	$12.00	12.0	100.0	$144.00
					$144.00
Long-Term Disability	Long-Term Disability - Both	$105,913.60	0.0036	100.0	$381.29
					$381.29
Medical Insurance	Medical Insurance - Both	$1,014.00	12.0	100.0	$12,168.00
Medical Insurance	Medical Insurance - Bounds - Full Family	$320.52	12.0	100.0	$3,846.24
					$16,014.24
Pension/Retirement	Pension/Retirement - Both - 401(a) match	$50.00	26.0	100.0	$1,300.00
					$1,300.00
Workers Comp	Workers Comp - Both	$105,913.60	0.0268	100.0	$2,838.48
					$2,838.48
					$31,996.43

Personnel Benefits Justification

Benefits Justification

If personnel benefits are not included in the budget, skip this section.

If personnel benefits are included in the budget, provide justification for each fringe benefit (preferably in the same order as the cost is listed in the budget category) to identify the cost and why it is needed.

If a premium or rate change may occur during the project period and a separate line is included in the budget to reflect such change, indicate the effective date of change and the reasoning for such change.

CERF is a contribution paid by the employer to the County Employees Retirement Fund (CERF) at a rate of 2.0% of salary.

Dental Insurance is contributed by the employer under a dental insurance plan at a rate of $35 per month, per employee, to provide basic dental care for the employee. Additional coverage for the employee's family is contributed by the employer at a rate of $21.48 per month.

FICA/Medicare is contributed by the employer to the IRS at the rate of 7.65% of salary as set by the federal government for Social Security and Medicare.

Life Insurance is contributed by the employer at a rate of $6.00 per month, per employee, to provide basic life insurance coverage for the employee.

Long-Term Disability is contributed by the employer at a rate of .36% of salary to provide long-term disability insurance coverage for the employee.

Medical Insurance is contributed by the employer under a High Deductible Health Plan at a rate of $507.00 per month, per employee, to provide coverage in the event of illness or injury. Additional coverage for the employee's family is contributed by the employer at a rate of $320.52 per month.

Pension/Retirement is contributed by the employer to the employee's 401(A) at a rate of $25.00 bi-weekly, per employee, as a tax deferred savings.

Workers Compensation is contributed by the employer at an approximate rate of 2.68% of salary to provide wage replacement and medical benefits to employees injured in the course of employment. Workers Compensation benefits are contracted through the Missouri Association of Counties Workers' Compensation Trust.

Personnel Overtime

Name	Title	Hourly Overtime Pay	Hours on Project	% of Funding Requested	Total Cost
Andy Evans	Investigator	$38.00	100.0	100.0	$3,800.00
Cody Bounds	Investigator	$38.39	220.0	100.0	$8,445.80
Tracy Perkns	Investigator	$41.55	140.0	100.0	$5,817.00
					$18,062.80

Personnel Overtime Justification

Overtime Justification

If overtime is not included in the budget, skip this section.

If overtime is included in the budget, provide the following justification:
*   *description of the job responsibilities and any experience the individual possesses as it relates to the proposed project, for any personnel positions not included in the Personnel budget category*
*   *description of why overtime funding is necessary to the project*
*   *rationale for the number of hours budgeted for overtime, per position where applicable*

If an overtime pay rate change may occur during the project period and a separate line is included in the budget to reflect such change, address the individual's eligibility (or reason) for such change, the percentage of change, and the effective date of the change.

The 100 hours requested for **Detective Andy Evans** averages out to 8.3 hours a month. Detective Evans' would use the overtime to work on current caseload, after hours presentations, casework on proactive investigations, and other unplanned and unpredictable Task Force business. 100 hours represents a realistic estimate based on Detective Evans' historical use of overtime.

Detective Cody Bounds is the only full-time forensic examiner for the Task Force. The Task Force has been consistently backlogged several months on forensic examinations. At times these forensic exams can be very time consuming. The 220 hours requested averages out to 18.3 hours a month. Detective Bounds would use the overtime primarily to work on backlog cases. Additional uses will include other unplanned and unpredictable Task Force business. 220 hours is a realistic estimate based on Detective Bounds' historical use of overtime and the current backlog of forensic exams.

Detective Tracy Perkins has been a certified law enforcement officer at the Boone County Sheriff's Department for 25 years. She was assigned full-time to the Task Force in January 2007 and has received several hundred hours of training related to the investigation and exploitation of children through the Internet. Detective Perkins' primary responsibility is reactive and proactive investigations involving crimes against children through the Internet. Additional duties include surveillance details, testimony in State and Federal criminal proceedings, obtaining search warrants and other legal demands, serving search warrants, preparing and participating in public awareness and education programs, and attending further training for his position.

The 140 hours requested for **Detective Tracy Perkins** averages out to 11.6 hours a month. Detective Perkins' would use the overtime to work on current caseload, after hours presentations, casework on proactive investigations, cellular phone forensic exams, and other unplanned and unpredictable Task Force business. 140 hours represents a realistic estimate based on Detective Perkins' historical use of overtime and the current backlog of cellular phone forensic exams.

Personnel Overtime Benefits

Category	Item	Overtime/Premium	Percentage/# of Periods	% of Funding Requested	Total Cost
CERF	Overtime - CERF total OT	$18,062.80	0.02	100.0	$361.26
					$361.26
FICA/Medicare	Overtime - FICA/MC total OT	$18,062.80	0.0765	100.0	$1,381.80
					$1,381.80
Workers Comp	Overtime - Workers Comp total OT	$18,062.80	0.0268	100.0	$484.08
					$484.08
					$2,227.14

Personnel Overtime Benefits Justification

Overtime Benefits Justification

If overtime benefits are not included in the budget, skip this section.

If overtime benefits are included in the budget, provide justification for each fringe benefit (preferably in the same order as the cost is listed in the budget category) to identify the cost and why it is needed.

If a premium or rate change may occur during the project period and a separate line is included in the budget to reflect such change, indicate the effective date of change and the reasoning for such change.

CERF is a contribution paid by the employer to the County Employees Retirement Fund (CERF) at a rate of 2.0% of salary.

FICA/Medicare is contributed by the employer to the IRS at the rate of 7.65% of salary as set by the federal government for Social Security and Medicare.

Workers Compensation is contributed by the employer at an approximate rate of 2.68% of salary to provide wage replacement and medical benefits to employees injured in the course of employment. Workers Compensation benefits are contracted through the Missouri Association of Counties Workers' Compensation Trust.

Travel/Training

Category	Item	Unit Cost	Duration	Number	% of Funding Requested	Total Cost
Airfare/Baggage	IACIS Mobile Device Forensics - Airfare/baggage	$500.00	1.0	1.0	100.0	$500.00
Airport Parking	IACIS Mobile Device Forensics - Airport parking	$9.00	6.0	1.0	100.0	$54.00
Fuel	IACIS Mobile Device Forensics - Fuel	$50.00	1.0	1.0	100.0	$50.00
Lodging	IACIS Mobile Device Forensics - Lodging	$140.00	5.0	1.0	100.0	$700.00
Meals	IACIS Mobile Device Forensics - Meals	$40.00	6.0	1.0	100.0	$240.00
Registration Fee	IACIS Mobile Device Forensics - Registration fee	$1,495.00	1.0	1.0	100.0	$1,495.00
Rental Car	IACIS Mobile Device Forensics - Rental car	$280.00	1.0	1.0	100.0	$280.00
Airfare/Baggage	ICAC Advanced Undercover Chat - Airfare/baggage	$500.00	1.0	1.0	100.0	$500.00
Airport Parking	ICAC Advanced Undercover Chat - Airport parking	$9.00	5.0	1.0	100.0	$45.00
Fuel	ICAC Advanced Undercover Chat - Fuel	$60.00	1.0	1.0	100.0	$60.00
Hotel Parking	ICAC Advanced Undercover Chat - Hotel parking	$10.00	5.0	1.0	100.0	$50.00
Lodging	ICAC Advanced Undercover Chat - Lodging	$150.00	4.0	1.0	100.0	$600.00
Meals	ICAC Advanced Undercover Chat - Meals	$55.00	5.0	1.0	100.0	$275.00
Rental Car	ICAC Advanced Undercover Chat - Rental car	$60.00	5.0	1.0	100.0	$300.00
Airfare/Baggage	TeelTech Advanced Flasher Box and Bootloader - Airfare/baggage	$500.00	1.0	1.0	100.0	$500.00
Airport Parking	TeelTech Advanced Flasher Box and Bootloader - Airport parking	$9.00	6.0	1.0	100.0	$54.00
Fuel	TeelTech Advanced Flasher Box and Bootloader - Fuel	$50.00	1.0	1.0	100.0	$50.00
Lodging	TeelTech Advanced Flasher Box and Bootloader - Lodging	$140.00	5.0	1.0	100.0	$700.00
Meals	TeelTech Advanced Flasher Box and Bootloader - Meals	$45.00	6.0	1.0	100.0	$270.00
Registration Fee	TeelTech Advanced Flasher Box and Bootloader - Registration	$3,950.00	1.0	1.0	100.0	$3,950.00
Rental Car	TeelTech Advanced Flasher Box and Bootloader - Rental car	$280.00	1.0	1.0	100.0	$280.00
						$10,953.00

Travel/Training Justification

Travel/Training Justification

If travel/training is not included in the budget, skip this section.

If travel/training is included in the budget, address the following information for each training/meeting event (preferably in the order listed in the budget category):
- *the location of the training/meeting (if unknown, clearly identify the location of the training/meeting is TBA)*
- *the date(s) of the training/meeting (if unknown, clearly identify the date(s) of the training/meeting is TBA)*
- *who will be attending the training/meeting*
- *a synopsis of the training/meeting*

- *anticipated benefit of the training/meeting, making sure to clarify why the training/meeting is pertinent to the person(s) attending*

If the person attending the training/meeting is not budgeted within the Personnel or Personnel Overtime budget category, be sure to also clarify who the person is, their role/job responsibilities with the project, and any experience possessed as it relates to the proposed project.

IACIS Mobile Device Forensics Training

Orlando, Florida - Date TBA (April/May 2020) - Detective Dustin Heckmaster

This IACIS training is a 36-hour (five day) course which provides instruction on how to acquire data from and analyze mobile devices using the most current operating system software on the market. This training is non-vendor specific and is important to maintaining up-to-date knowledge regarding the forensic analysis of mobile devices.

Detective Dustin Heckmaster is employed by the University of Missouri Police Department. He is assigned as a part-time task force officer. He is currently certified through Cellebrite to conduct mobile device examinations and is recognized through IACIS as a Certified Forensic Computer Examiner (CFCE). This training will build upon Detective Heckmaster's existing knowledge, help him locate and recover more digital evidence, and help him make more prosecutable case. It will also enhance his qualifications as an expert witness.

ICAC Advanced Undercover Chat Investigations

Fairfax, Virginia - June 24-26, 1019 - Detective Andy Evans

This ICAC three-day course provides investigators with the latest tools and techniques necessary to combat online child exploitation. This course focuses heavily on all aspects of undercover chatting, preserving the online evidence, and utilizing mobile devices and applications.

In his role as an Online Investigator Detective Andy Evans is responsible for proactive investigations. Detective Evans has already attended at least two basic undercover/proactive type classes. This advanced class would enhance and improve Detective Evans' skills and knowledge resulting in more complete and prosecutable proactive investigations.

TeelTech Advanced Flasher Box & Bootloader Training

St. Augustine, Florida - July 8-12, 2019 - Detective Cody Bounds

This TeelTech training is a five-day course which provides instruction on how to acquire data from mobile devices installed with the Android operating system by use of flasher boxes and bootloaders, which involve advanced methods of accessing data within the device which would otherwise be unavailable due to restrictions such as user password protections. This training is non-vendor specific and includes equipment costs.

The Advanced Flasher Box & Bootloader Forensics training will build upon Detective Bounds' existing qualifications and will add significant new forensic capabilities to the Task Force. These new capabilities will compliment existing mobile device access methods to improve the Task Force's ability to obtain evidence from mobile devices installed with the Android operating system.

Equipment

Item	Description	Unit Cost	Quantity	Source of Bid	% of Funding Requested	Total Cost
GrayKey	GrayKey - unit cost includes shipping	$15,075.00	1.0	GrayShift	100.0	$15,075.00
						$15,075.00

Equipment Justification

Equipment Justification

If equipment is not included in the budget, skip this section.

If equipment is included in the budget, provide the following for each budget line item (preferably in the same order listed in the budget category):
- *What is the item?*
- *How will the item be used?*
- *Who will use the item?*
- *Is the item a replacement to current equipment, in addition to current equipment, or something the agency doesn't currently have?*

GrayShift GrayKey

Currently, GrayShift GrayKey is the only product in existence which can bypass the user passcode of an iOS device and allow for an examination of the contents. Approximately 45% of mobile device users in the US use Apple phones with iOS. All Apple iOS devices have encryption enabled out of the box and are well-known for their advanced security, which often prevents law enforcement from accessing iOS-based devices unless the user voluntarily provides a passcode. The data extraction performed by GrayKey is also more advanced than other available extraction methods and results in the acquisition of additional data which has been proven valuable in solving criminal cases by our Task Force.

At the time of this application, there are no law enforcement agencies in the Mid-Missouri area which possess a GrayKey device. The most effective method for successfully bypassing iPhone security requires the device to remain powered-on and connected to a GrayKey immediately upon device seizure. This means access to a local, geographically close device is important.

This NEW equipment will be maintained and operated by Detective Cody Bounds.

Supplies/Operations

Item	Basis for Cost Estimate	Unit Cost	Quantity	% of Funding Requested	Total Cost
AccessData Certified Examiner ACE - Recertification	Other	$100.00	1.0	100.0	$100.00
Cellebrite Certified Mobile Examiner CCME - Recertification	Other	$389.00	1.0	100.0	$389.00
Cellebrite Certified Physical Analyst CCPA - Recertification	Other	$289.00	2.0	100.0	$578.00
HostGator Website Domain Registration and Hosting	Annual	$294.34	1.0	100.0	$294.34
IACIS Membership	Annual	$150.00	2.0	100.0	$300.00
					$1,661.34

Supplies/Operations Justification

Supplies/Operations Justification

If supplies/operations are not included in the budget, skip this section.

If supplies/operations are included in the budget, provide the following justification for each expense (preferably in the same order listed in the budget category):
- *why the supply or operational cost is necessary for the proposed project, making sure to clearly identify how the item will be used*
- *who will use (or benefit from) the supply or operational cost*

If a rate change may occur during the project period for an operating expense and a separate line is included in the budget to reflect such change, indicate the effective date of change and the reasoning for such change.

AccessData Certified Examiner (ACE) Certification

This will cover re-certification costs for Detective Cody Bounds, who is currently an AccessData Certified Examiner (ACE). This certification shows proficiency in the use of AccessData forensic software, which lends credibility as an expert witness during court testimony in criminal proceedings. Detective Bounds must recertify in February of 2020 and the certification lasts for 2 years.

Cellebrite Certified Mobile Examiner (CCME) Certification

This will cover costs for Detective Dustin Heckmaster to obtain credentials as a Cellebrite Certified Mobile Examiner (CCME). Cellebrite is the primary tool used by the Task Force for mobile device acquisition and analysis. This is a top-level certification through Cellebrite and shows mastery in mobile device examinations using Cellebrite tools. This certification will give Detective Heckmaster further credibility as an expert witness during court testimony in criminal proceedings. CCME certification lasts for a period of 2 years.

Cellebrite Certified Physical Analyst (CCPA) Certification

This will cover re-certification costs for Detective Tracy Perkins and Detective Dustin Heckmaster, who are currently Cellebrite Certified Physical Analysts (CCPA). This certification shows proficiency in the use of Cellebrite forensic software, which lends credibility as an expert witness during court testimony in criminal proceedings. Associated costs include an online refresher course through Cellebrite. Detective Perkins and Detective Heckmaster must recertify by December of 2019 and the certification lasts for 2 years.

HostGator website domain registration & hosting

This is for the annual domain registration and hosting fees associated to the website maintained by the Task Force at www.bcsdcybercrimes.com. This website provides valuable resources to the community, including information on what to do in the event that a possible crime was committed online and the ability to request presentations or other assistance from the Task Force. This website helps the Task Force to meet the community outreach requirements set forth by the SCCG grant and is the primary means by which the Task Force maintains a public presence, to include providing press releases regarding the impact the Task Force has on our community and service area. The Task Force frequently receives contact requests generated by users of the website. The website also includes a law enforcement section that allows service area law enforcement to access resources and/or contact the Task Force with questions. The costs associated to hosting of the website include both server space and SiteLock anti-malware services to protect the website and its users from malicious activity.

IACIS Membership

This is for one-year membership to the International Association of Computer Investigative Specialists (IACIS) for Detective Cody Bounds and Detective Dustin Heckmaster. Currently, Detective Cody Bounds holds both CFCE and ICMDE certification through IACIS and Detective Heckmaster holds CFCE certification. IACIS is an internationally recognized organization which provides digital forensics training and certification. Membership costs are used for recertification tests, which occur every three years, and also provide access to the IACIS forensic community, which is invaluable for keeping up-to-date on the forensic analysis aspects of technology and networking with other forensic analysts when questions about an examination arise.

Contractual

Item	Basis for Cost Estimate	Unit Cost	Quantity	% of Funding Requested	Total Cost
AccessData Forensic Toolkit (FTK) License-Renewal	Annual	$1,222.76	2.0	100.0	$2,445.52
ADF Digital Evidence Investigator License - Renewal	Annual	$1,499.00	2.0	100.0	$2,998.00
BlackBag Analyst Suite Software/License - New	Annual	$4,405.00	1.0	100.0	$4,405.00
BlackBag Mobilize Software/License - New	Annual	$755.00	1.0	100.0	$755.00
Cellebrite UFED Cloud Analyzer License - Renewal	Annual	$2,597.66	1.0	100.0	$2,597.66
Cellebrite UFED Ultimate 4PC License-Renewal	Annual	$3,663.00	2.0	100.0	$7,326.00
Deepstar Disk imager 4 License - Renewal	Annual	$350.00	1.0	100.0	$350.00
GetData Forensic Explorer License - Renewal	Annual	$495.00	1.0	100.0	$495.00
Internet Service	Annual	$959.28	1.0	100.0	$959.28
Magnet Forensics Internet Evidence Finder (IEF) License- Renewal	Annual	$1,075.00	2.0	100.0	$2,150.00
Webroot Antivirus - Renewal	Annual	$239.98	1.0	100.0	$239.98
Wireless Air Card Service	Monthly	$41.24	12.0	100.0	$494.88
X-Ways Forensics Software/License- New	Annual	$2,469.00	1.0	100.0	$2,469.00
					$27,685.32

Contractual Justification

Contractual Justification

If contractual or consultant services are not included in the budget, skip this section.

If contractual or consultant services are included in the budget, provide the following justification for each expense (preferably in the same order listed in the budget category):
- *why the item is necessary for the proposed project, making sure to clearly identify how the item is used*
- *who will use (or benefit from) the item*

If a rate change may occur during the project period for a contractual expense and a separate line is included in the budget to reflect such change, indicate the effective date of change and the reasoning for such change.

AccessData Forensic Toolkit (FTK) License - Renewal

This is for a one-year licensing renewal of existing software. AccessData FTK is the primary forensic analysis software used by the Task Force for the examination of computer and storage media evidence. This software is used to fully analyze digital evidence, including the recovery of deleted files, as well as create data reports for the prosecution of cases. This software is an essential part of forensic operations, and such operations would cease without it. Detective Cody Bounds and Detective Dustin Heckmaster will use these licenses.

ADF Digital Evidence Investigator License - Renewal

This is for a one-year licensing renewal of existing software. ADF Digital Evidence Investigator is a software program used to triage computer evidence and can be used on a wide variety of file systems, including those common to Windows, Apple, and Linux operating systems. Furthermore, this software can

be used on both live Windows machines and machines which are in a powered-off state. The purpose of this software is to assist in quickly locating evidence while conducting on-scene triage during an active investigation, and to help eliminate the seizure of non-evidentiary items. The capabilities of this software help to locate evidence more quickly and establish probable cause during an active investigation. Detective Cody Bounds and Detective Dustin Heckmaster will use these licenses.

BlackBag Analyst Suite Software/License - New

BlackBag Technology is largely known as the Apple experts of the forensic analysis software community, as their products are tailored to the forensic artifacts located within Apple based devices, to include both computers and cellular telephones. Having software which specializes is the analysis of Apple devices is very important, as other forensic tools often produce less than desirable results of Apple computers which use Apple's newer filesystem and photo format. The BlackBag Analyst Suite includes BlackLight (for examination of computers), Mobilyze (for examination of mobile devices) MacQuisition (for data extraction of Apple computers), and SoftBlock (a software write-blocking utility to help ensure evidence preservation). The combination of these programs will give the Task Force the ability to preserve, extract, and analyze data from all Apple devices. Additionally, BlackLight and Mobilyze is capable of analyzing non-Apple devices, including Windows and Android – which is important when attempting to verify the analysis results of evidentiary data. This is of particular importance for the verification of mobile device data, as the Task Force currently only has one major program for cellular telephone analysis. This software will be used by Detective Cody Bounds, who already holds Certified BlackLight Examiner (CBE) certification through BlackBag.

BlackBag Mobilize Software/License - New

BlackBag Mobilyze is a software application used for the acquisition, analysis, and reporting of mobile device evidence. This software is largely recognized for its ability to analyze Apple iOS-based devices but is also very proficient in the analysis of Android-based devices as well. Currently, the Task Force has only one major analysis program for mobile device evidence. Adding a secondary, well recognized software application for this purpose helps to verify analysis results between software programs, which is important to the forensic examination process. This instance of Mobilyze (separate instance from the instance included in the Suite described previously) will be used by Detective Dustin Heckmaster. It should be noted that Detective Heckmaster does work daily out of the main Task Force office; his primary office is on the University of Missouri campus.

Cellebrite UFED Cloud Analyzer License - Renewal

This is for a one-year licensing renewal of existing software. The Cellebrite Universal Forensic Extraction Device (UFED) Cloud Analyzer is a software utility used to expand upon the data collected during the examination of mobile devices. This task is accomplished by using the login data located during analysis of locally stored mobile device evidence to extract additional information stored on the Cloud by third party software applications, including those common to Task Force investigations, such as Facebook and Dropbox. Cellebrite UFED Cloud Analyzer extracts this data in a forensically sound manner and can be an invaluable tool for obtaining data before the account holder deletes it. Investigations conducted by the Task Force have increasingly found that evidence is being stored by various Cloud services, and many third-party software applications have begun storing valuable data to the user account on the Cloud, rather than saving this information locally to the user device. This software therefore helps to retrieve valuable evidence which may otherwise be irretrievable. Detectives Tracy Perkins, Andy Evans, Cody Bounds and Dustin Heckmaster use this software.

Cellebrite UFED Ultimate 4PC License - Renewal

This is for a one-year licensing renewal of existing software. The Cellebrite Universal Forensic Extraction Device (UFED) Ultimate is the primary software utility used by the Task Force for the extraction, analysis, and reporting of mobile device evidence including cellular telephones. Mobile devices account for the majority of evidence obtained for forensic analysis by the Task Force. Without this software, the Task Force would no longer be able to examine such evidence or prepare data reports for prosecution of criminal cases. Detectives Tracy Perkins, Andy Evans, Cody Bounds, and Dustin Heckmaster use this software.

DeepSpar Disk Imager 4 License - Renewal

This is for a one-year licensing renewal of existing software and corresponding hardware. DeepSpar Data Recovery Systems Disk Imager 4 is a disk imaging system capable of obtaining data from hard drives undergoing physical failure common to head degradation. This system and similar systems are a common tool to many forensic labs and allow for the obtainment of data which cannot be acquired by traditional forensic imaging means. It is not uncommon to encounter evidence stored on a hard drive in a state of physical failure, and often, this evidence can simply not be analyzed as a result. DeepSpar Disk Imager 4 helps to overcome this obstacle and retrieve this evidence. A license renewal is needed to ensure that the latest firmware and software updates can be obtained for this tool. Detective Cody Bounds and Detective Dustin Heckmaster use this device.

GetData Forensic Explorer License - Renewal

This is for a one-year licensing renewal of an existing software application. GetData Forensic Explorer is a forensic analysis software program, and the only software application used by the Task Force which is capable of easily virtualizing a forensic image. Image virtualization is an important step to forensic analysis of computer evidence, as it allows the examiner to essentially use the computer in the same manner and view in which the suspect used it, but without altering the actual evidence. By virtualizing the forensic image, an examiner can confirm the meaning of their forensic findings, which is a necessary step to completing a thorough forensic examination and providing additional confidence in the evidence. Additionally, it is widely regarded as beneficial for juries to view the evidence as it was seen by a defendant, which can be easily presented using this software. Detective Cody Bounds will use this license.

Internet Service - Renewal

This is an existing covert Internet account allowing investigators Internet access to areas necessary for their investigations yet restricted through governmental Internet accounts. The Internet service provider is CenturyLink. This is for an additional year of service.

Magnet Forensics Internet Evidence Finder (IEF) License - Renewal

This is for a one-year licensing renewal of an existing software application. Magnet IEF is an essential part of forensic operations for the Task Force and is used during nearly every forensic examination. This software often results in finding digital evidence which would have not been found otherwise, and is capable of analyzing computers, mobile devices, and gaming systems. Specifically, this is the only software application used by the Task Force which specializes in finding Internet based artifacts, including those which are of particular importance to proving intent for child pornography distribution and possession, such as peer-to-peer related downloads, Internet history from all popular web browsers, and parsing of user entered Google search terms. Detective Cody Bounds and Detective Dustin Heckmaster will use these licenses.

Webroot Antivirus - Renewal

This is software for anti-virus protection and Internet security. Task Force investigators sometime visit unsavory corners of the internet which greatly increases the chance of encountering a computer virus or other problem. Additionally, forensic examiners run this software on a suspect's computer to determine if there any viruses currently on the machine. The Task Force investigators will use the software on all undercover computers and forensic machines. This renewal covers 15 computers for an additional year of service.

Wireless Air Card Service - Renewal

This is an existing wireless Internet account. This service allows investigators to access the Internet on laptop computers when away from the office. For example, this device is sometimes used for enticement investigations when the decoy investigator needs to be at a meeting site or to perform further investigation beyond normal business hours. This is for an additional year of service.

X-Ways Forensics Software/License- New

X-Ways Forensics is an internationally recognized forensic analysis software application, well-known by the forensic community for its thoroughness and efficiency. This software will be used by Detective Dustin Heckmaster, who currently has only a single software application for the analysis of computer evidence.

Having a secondary computer analysis program is important to the forensic examination process, as it allows the examiner to verify analysis results between software programs.

Total Budget

Total Project Cost: $213,574.63

Brief History

Identify the following information to provide an overview of the project:

- *When the task force originally organized.*
- *Why the task force originally organized.*
- *The number of agencies involved in the task force at the time of organization.*

The Task Force has been formally organized since January 2007 when the Boone County Sheriff's Department joined forces with the Columbia Police Department, the Boone County Prosecuting Attorney's Office, and the University of Missouri Police Department to establish the Mid-Missouri Internet Crimes Task Force.

The Boone County Sheriff's Department began actively investigating crimes committed through the Internet in 1999. In 2002, the focus turned towards investigating crimes against children including undercover/covert investigations leading to multiple arrests. In 2004, investigators experienced an increase in cases related to the possession and distribution of child pornography. In response to these trends, the task force was formed when Boone County applied for and received Missouri State grant funding in 2007.

In 2010, the Task Force changed its name to the Boone County Sheriff's Department Cyber Crimes Task Force.

Statement of the Problem

Statement of the Problem*

Provide the following information to define the problem that you will be attempting to impact with the project for which you are requesting funds:

- *Identify the problem(s) being addressed by the use of funds being requested.*
- *Include current facts and statistics on incidents of crime and/or growing trends to demonstrate a need for funding.*
- *Identify existing resources (or the lack thereof), demographic and geographic specifications, etc. to demonstrate a need for funding.*

Identify the Problem(s)

The Task Force continues to see children having access to social media accounts and other Internet related technology. With the further integration of this technology in everyday life, the frequency of criminal activity occurring through the use of technology will be more prevalent. The vast majority of cases handled by the Task Force are crimes against children, to include enticement, child pornography, obscenity to minors, sex trafficking, and other forms of child exploitation.

The Task Force continues to experience a steady flow of reactive type cases. Because Electronic Service Providers (ESPs) are mandated reporters, the Task Force expects reporting by ESPs to the National Center for Missing Exploited Children on activity related to child pornography and other crimes to only increase. Ultimately these cases are referred to the local level (our Task Force) for investigation.

The Task Force continues to receive requests from schools, parent organizations, other civic organizations, and law enforcement partners to help provide education about and mitigate Internet

related crimes and dangers.

Additionally, The Task Force conducts forensic examinations related to both child-related and non-child related crimes. The Task Force serves Mid-Missouri law enforcement with forensic examinations and technical assistance. Again, as the technology evolves the demand for forensic analysis on electronic devices will only grow.

Current Facts and Statistics

Refer to the chart below for Task Force yearly statistics. One trend readily apparent from the chart is the steady decline of proactive type cases as the reactive cases increased. This reflects investigators prioritizing reactive cases leaving limited time to perform proactive cases. The other trend is the steady and marked increase in forensic exams performed.

Year	Investigations	Reactive Cases	Proactive Cases	Arrests	Forensic Exams
2007	108	38	70	19	52
2008	120	61	59	26	109
2009	112	56	56	25	132
2010	127	72	55	18	164
2011	137	104	33	33	214
2012	121	98	23	16	133
2013	96	81	15	30	115
2014	80	70	10	12	113
2015	94	83	11	29	158
2016	77	66	11	21	203
2017	78	67	10	12	201
2018	79	74	5	14	241

In 2018 the Task Force investigated a wide variety of crimes including at least 20 cases of possession of child pornography, 21 cases of promoting/distribution of child pornography, 17 cases involving exploitation/manufacture of child pornography, 10 cases of enticement or sexual misconduct, 2 cases of child molestation/sexual assault, 3 cases of furnishing child pornography to a minor, and one case of child sex trafficking.

Identify the existing resources or lack of and demographic and/or geographic specifications to demonstrate a need for funding

The Task Force relies on SCCG grant resources to cover two out of three full-time salaries. The Boone County Sheriff's Department funds the third position. Grant funding also provides for the vast majority of the training, equipment, software, and technology related supplies for the Task Force.

The Task Force serves seven counties. Currently, Task Force investigators handle all CyberTip reports in the seven-county area served by the Task Force.

At this time, there are no other local funding options available to replace the SCCG grant funding. Currently only one other law enforcement agency is able and willing to make a significant contribution to Task Force efforts (University of Missouri Police with one part-time investigator). Additionally, no other law enforcement agencies in the service area have investigators as experienced or as highly trained as Task Force investigators. Furthermore, when compared to the Task Force, there are no other law enforcement agencies in the service area that have comparable software/equipment and investigative capabilities.

Occasionally, the Task Force will receive reimbursement money from the Courts stemming from forensic examinations. In prior years, the Task Force has also received Missouri ICAC grant money. These funds are unpredictable and historically have provided only a very small percentage of the funds needed to support the Task Force.

Crimes against children through the Internet will continue to increase, and so will the number of hours spent on each individual case, either through investigation and/or forensic examinations. The Task Force

continues to request overtime to utilize in order get backlogged cases and forensic examinations completed.

The Task Force presents to about three schools or organizations on a monthly basis. Detectives Tracy Perkins and Andy Evans currently teach the safety programs. Studies show the average age exposed to pornography is eight years old. The Task Force foresees schools will want the Task Force to teach to the elementary level in the near future. The Task Force currently teaches 6th through 12th grade.

In addition to the reactive cases, the Task Force makes efforts to get out in front of these issues by performing proactive type investigations. One internal goal of the Task Force this year is to increase the number of proactive investigations performed.

In summary, The Task Force would probably not exist, and certainty not be able to perform at anywhere near the current levels without the assistance of the SCCG grant.

Goal #1 - Minimum Standards

Objective #1.1 - Minimum Training

For the following question, the term "task force officers" includes all personnel (investigators and forensic examiners, full-time and part-time, grant-funded and non-grant funded) working child internet sex crime cases for the cyber task force or cyber unit.

In addition, for the following question, the term "ICAC Program Operation and Investigative Standards" is the current title of the ICAC policy manual and subsequently the current online training reference. It should be understood that the name has changed over the years and is subject to change in the future.

Have all task force officers completed the online training of the *ICAC Program Operation and Investigative Standards?* Yes

Narrative*

- *If Yes, list the name of each task force officer. Then, list the respective date (month and year) of training completion next to each task force officer listed.*

- *If No, list the name of each task force officer. Then, for any task force officer(s) that has completed the training, list the respective date (month and year) of training completion next to their name. For any task force officer(s) that has not yet completed the training, identify the respective reason next to the name of the task force officer.*

Tracy Perkins - March 2015

Andy Evans - May 2015

Cody Bounds - March 2015

Dustin Heckmaster - March 2017

Goal # 1 - Minimum Standards

Objective #1.2 - Minimum Training

For the following question, the term "task force officers" includes all personnel (investigators and forensic examiners, full-time and part-time, grant-funded and non-grant funded) working child internet sex crime cases for the cyber task force or cyber unit.

In addition, the "minimum" required training referenced in the following question can be found in the SCCG Solicitation referenced in the form instructions. Please consult this document!

NOTE: Additional "recommended" training is identified separately in the SCCG Solicitation. However, the narrative response should only address the "minimum" required training for the respective job responsibility. Do not include recommended training detailed in the SCCG Solicitation as it is not the topic of this objective/question.

Have all task force officers completed the <u>minimum</u> required training as outlined in the *SCCG Solicitation*?*   Yes

Narrative*

- *If Yes, list the name of each task force officer. Then, next to the officer's name, list if he/she is a Field Investigator, Mobile Device Extractor, Online Investigator, Mobile Forensic Examiner, or Computer Forensic Examiner (choose only one at a time) and whether he/she is full-time or part-time with the task force. Lastly, beneath the officer's name, job responsibility, and employment status, list the applicable training course(s) completed, making sure to identify the course's training provider. If the officer performs multiple job responsibilities (i.e. is a Field Investigator, Mobile Device Extractor, Online Investigator, Mobile Forensic Examiner, and/or Computer Forensic Examiner), repeat the process for each job responsibility. (Do not commingle job responsibilities and respective training completion as each job responsibility has different minimum training requirements. For example, if John Smith is a full-time employee performing the function of a Field Investigator and an Online Investigator, the narrative response would list John Smith as a full-time task force officer and then list his function as a Field Investigator, followed by the applicable completed training of a Field Investigator, and then list his function as an Online Investigator, followed by the applicable completed training of an Online Investigator.)*

- *If No, list the name of each task force officer. Then, next to the officer's name, list if he/she is a Field Investigator, Mobile Device Extractor, Online Investigator, Mobile Forensic Examiner, or Computer Forensic Examiner (choose only one at a time) and whether he/she is full-time or part-time with the task force. Lastly, beneath the officer's name, job responsibility, and employment status, list any applicable training course(s) that has been completed, making sure to identify the course's training provider. For any officer(s) that has not completed all of the minimum required training, identify the respective reason beneath the officer's name, job responsibility, and employment status. If the officer performs multiple job responsibilities (i.e. is a Field Investigator, Mobile Device Extractor, Online Investigator, Mobile Forensic Examiner, and/or Computer Forensic Examiner), repeat the process for each job responsibility. (Do not commingle job responsibilities and respective training completion as each job responsibility has different minimum training requirements. For example, if John Smith is a full-time employee performing the function of a Field Investigator and an Online Investigator, the narrative response would list John Smith as a Field Investigator in full-time status, followed by a list of the applicable completed training of a Field Investigator and/or respective reason for not having completed the minimum required training of a Field Investigator, and then list his function as an Online Investigator in full-time status, followed by a list of the applicable completed training of an Online Investigator and/or respective reason for not having completed the minimum required training of an Online Investigator.)*

<u>Tracy Perkins - Full-time</u>

Field Investigator

- Police/Peace Officer Certification (current POST)
- NW3C's CI-100 Identifying and Seizing Electronic Evidence (ISEE)
- NW3C's Introduction to Previewing

Online Investigator

- Police/Peace Officer Certification (current POST)
- ICAC's Investigative Techniques (ICAC-IT)
- ICAC's Undercover Chat (UC)
- Ares training
- BitTorrent training

Mobile Forensic Examiner

- NW3C's CI-103 Introduction to Cell Phone Investigations
- Cellebrite's Cellebrite Certified Operator/Logical Operator (CCO/CCLO)
- Cellebrite's Cellebrite Certified Physical Analyst (CCPA)
- Cellebrite vendor specific training

Andy Evans - Full-time

Field Investigator

- Police/Peace Officer Certification (current POST)
- NW3C's CI-100 Identifying and Seizing Electronic Evidence (ISEE)
- NW3C's Introduction to Previewing

Online Investigator

- Police/Peace Officer Certification (current POST)
- ICAC's Investigative Techniques (ICAC-IT)
- ICAC's Undercover Chat (UC)
- BitTorrent training

Mobile Forensic Examiner

- NW3C's CI-103 Introduction to Cell Phone Investigations
- Cellebrite's Cellebrite Certified Operator/Logical Operator (CCO/CCLO)
- Cellebrite's Cellebrite Certified Physical Analyst (CCPA)
- Cellebrite vendor specific training

Cody Bounds - Full-time

Field Investigator

- Police/Peace Officer Certification (current POST)
- NW3C's Introduction to Previewing
- osTriage - ICAC conference

Mobile Device Extractor

- Training from an experienced forensic examiner on how to utilize a mobile data extractor tool

Mobile Forensic Examiner

- NCFI's Basic Mobile Device Investigations (BMDI)
- Cellebrite's Cellebrite Certified Mobile Examiner (CCME)
- Cellebrite's Cellebrite Certified Operator/Logical Operator (CCO/CCLO)
- Cellebrite's Cellebrite Certified Physical Analyst (CCPA)
- IACIS' Certified Mobile Device Examiner (ICMDE)
- Blacklight vendor specific training
- Cellebrite vendor specific training

Computer Forensic Examiner

- NW3C's CI-120 How Computers Work and Store Data
- AccessData's Forensic Tool Kit (FTK) Bootcamp
- IACIS's Basic Computer Forensic Examiner (BCFE)
- IACIS's Certified Forensic Computer Examiner (CFCE)
- BlackBag's Blacklight vendor specific training
- AccessData's FTK vendor specific training

Dustin Heckmaster - Part-time

Field Investigator

- Police/Peace Officer Certification (current POST)
- NW3C's CI-100 Identifying and Seizing Electronic Evidence (ISEE)
- NW3C's Introduction to Previewing

Mobile Device Extractor

- Training from an experienced forensic examiner on how to utilize a mobile data extractor tool

Mobile Forensic Examiner

- NW3C's CI-103 Introduction to Cell Phone Investigations
- Cellebrite's Cellebrite Certified Operator/Logical Operator (CCO/CCLO)
- Cellebrite's Cellebrite Certified Physical Analyst (CCPA)
- Cellebrite vendor specific training

Computer Forensic Examiner

- NW3C's Basic Data Recovery & Acquisition (BDRA)
- IACIS's Basic Computer Forensic Examiner (BCFE)
- IACIS's Certified Forensic Computer Examiner (CFCE)
- AccessData's FTK vendor specific training

Goal #1 - Minimum Standards

Objective #2.1 - Minimum Procedures

Has the task force defined a protocol or procedure that details the approximate timeframe, triaging system, and follow-up involved for handling cyber tips?*   Yes

Narrative:*

- *If Yes, describe the task force's protocol or procedure to handle cyber tips received by the task force.*

- *If No, explain the task force's plan to implement a protocol or procedure to handle cyber tips received by the task force.*

The task force administrator will review the basic facts of any CyberTip paying attention to the priority level as assigned by ICAC. The administrator will confirm the priority level is appropriate. The task force administrator will assign the CyberTip as soon as possible to a task force investigator for investigation.

Next, the investigator will verify the CyberTip to have merit and/or an associated crime. The investigator will conduct the investigation consistent with Task Force standards, Boone County Sheriff's Department policies, and ICAC standards. If the CyberTip is deemed to have no merit or no associated crime, the CyberTip will be closed. For active/actionable CyberTips, the investigator assigned the CyberTip will draw a Boone County Sheriff's Department case number.

All ICAC priority 1 or 2 cases should be opened and reviewed within 2 hours. These investigations are a priority and will be investigated in a timely manner.

All CyberTips will be managed and kept current through the ICAC online data system. This will include current case status, case comments, and the related BCSD case number if applicable.

Goal #1 - Minimum Standards

Objective #2.2 - Minimum Procedures

For the following question, the term "task force officers" includes all personnel (investigators and forensic examiners, full-time and part-time, grant-funded and non-grant funded) working child internet sex crime cases for the cyber task force or cyber unit.

Does the task force have (or have access to) a program or other means (such as training, literature, etc. that advertises the availability of such) to make psychiatric or psychological evaluations and/or counseling available for all task force officers?*   Yes

Narrative*

- *If Yes, identify what the program or the means is and briefly describe how information regarding the availability of such psychiatric or psychological evaluations and/or counseling is made available to (or shared with) task force officers.*

- *If No, explain the plan to implement or identify a program or other means to make psychiatric or psychological evaluations and/or counseling available for task force officers.*

All Task Force officers have the opportunity to attend the SHIFT (Supporting Heros in Mental Health Foundation Training) sponsored by OJJDP. Task Force officers have recently attended this training.

All Task Force investigators have available through their employer an Employee Assistance Program (EAP). The Boone County EAP is free to the employee with up to six visits to assist with counseling for the employee when experiencing a variety of challenges and hardships. All task force investigators are reminded this opportunity exists each year.

In addition to the SHIFT training, the Task Force encourages members to seek additional support from their Employee Assistance Program (EAP) and/or a private counselor if the employee is feeling overly stressed or has had exposure trauma that has caused the employee to feel overwhelmed or helpless.

Goal #2 - Task Force Activities

Objective #1.1 - Proactive Activities

For the following question, the term "ongoing" refers to ordinary, typical, continuous, consistent, routine, customary, regular, or habitual efforts. An "ongoing" effort should not be inconsistent, sporadic, irregular, random, or un-routine.

In addition, the term "proactive investigations" refers to investigations that intervene prior to the receipt of a cyber tip, complaint, or suspected/known incident. Proactive investigations include Peer-to-Peer (P2P) file sharing, undercover chats, ads, etc.

Does the task force have the current manpower and resources to conduct ongoing proactive investigations?*   Yes

Narrative*

- *If Yes, describe the task force's proactive investigation efforts, making sure to identify the number of task force officers conducting ongoing proactive investigations.*

- *If No, explain the reason the task force is not able to conduct ongoing proactive investigations. In addition, explain whether the task force was ever able to conduct ongoing proactive investigations in previous years, and if so, identify what those proactive*

investigation efforts entailed and the number of task force officers that conducted such ongoing proactive investigations.

NOTE: Do not disclose the name of specific websites, chat rooms, programs, applications, etc being worked as it could compromise investigative techniques.)

The Task Force has two Detectives, Tracy Perkins and Andy Evans, who are trained to work proactive investigations.

Although the Task Force does work some proactive cases, the number of proactive cases currently being worked is adversely affected by the number of and time spent on reactive cases. One internal goal of the Task Force this year is to increase the number of proactive investigations performed.

In an effort to increase and improve the Task Force's proactive case load, Detective Andy Evans asked to attend ICAC Advanced Undercover Chat training. The funding request was included in this 2020 SCCG grant application.

Proactive cases are being worked on peer-to-peer sharing networks, popular social media platforms, online chat rooms, and online advertising forums. These type investigations are fluid in nature as the technology changes. For instance, the social media platform popular today may be not be the same platform being popularly used next year. Investigators make attempts to stay up to date with new platforms and methods of online communication.

Goal #2 - Task Force Activities

Objective #1.2 - Proactive Investigations

Does the task force have the ability to perform on-site triaging of evidence? Yes
*

Narrative*

• *If Yes, identify the resources (e.g. personnel, equipment, etc) available to the task force and describe the protocols that are being followed as it relates to such on-site triaging of evidence.*

• *If No, explain the reason the task force is not able to perform on-site triaging of evidence. In addition, explain if there is any plan to establish the means to perform on-site triaging of evidence in the future.*

The Task Force performs on-site triaging. In an effort to develop immediate probable case to arrest suspects, the Task Force began triaging evidence on-scene approximately seven years ago. Currently, conducting triage for the Task Force is Detective Cody Bounds and Detective Dustin Heckmaster.

Currently, the Task Force has two forensic laptops that allow a forensic examiner to process and triage hard drives, external drives, and other media. The Task Force examiners use OS Triage, Paladin, Windows FE, and ADF to preview computers. In addition, the Task Force utilizes Cellebrite UFED 4PC for data dumps on all cell phones and tablets.

Currently the protocols being followed include:

Unless evidence preservation or officer safety concerns dictate otherwise, prior to interaction with the device photographs are obtained of all electronic items to be triaged.

Electronic items located in a powered-on state are immediately isolated from radio frequency signals to prevent alterations to data. A minimally invasive preview is conducted to check for the presence of encryption and to identify any readily accessible evidence pertaining to the investigation. All interactions

with live evidentiary electronic items are documented to include the extent of the interaction, the date, and time. If encryption is located, a forensic acquisition of the electronic item is to be made on-scene.

Dead box items are not powered on for on-scene previewing or triage unless they are being booted to a forensic software application or being bridged by a hardware device capable of write-blocking.

Items determined to contain data of evidentiary value are seized for comprehensive forensic analysis at a later date.

Items of no apparent evidentiary value are not seized.

Goal #3 - Educational Activities

Objective #1.1 - Community Outreach

For the following question, the term "cyber safety educational programs" refers to programs, presentations, fair/expo booths, etc designed to provide information to the public about internet safety on topics such as cyberbullying, exposure to inappropriate material, online predators, revealing too much personal information, etc. Such programs are commonly intended for civic organizations, radio stations, schools/teachers, parents/guardians, teens/children, etc but are not limited to these audiences.

In addition, the term "service area" refers to the geographic area being served/covered by the task force (generally pursuant to and memorialized by a MOU, MOA, or other form of mutual agreement). Therefore, the term "throughout the entire service area" refers to every county of the geographic coverage area (or at least the greater majority of every county, depending on the size of the service area, the abilities of the task force, and the forums being used to reach such audiences).

Has the task force been involved in cyber safety educational programs throughout the entire task force service area during the prior calendar year?*   Yes

Narrative*

• *If Yes, identify the cyber safety educational program and describe how and/or by whom the cyber safety educational program was provided and the purpose/goal of the cyber safety educational program, making sure to also identify the geographic area in which the program was provided or the geographic area of the program's audience.*

• *If No, as applicable, identify any cyber safety educational program that was provided and describe how and/or by whom the cyber safety educational program was provided and the purpose/goal of the cyber safety educational program, making sure to also identify the geographic area in which the program was provided or the geographic area of the program's audience. Then, in a separate paragraph, explain the reason the task force was not involved in cyber safety educational programs throughout the entire task force service area during the prior calendar year and identify the plan to get involved in cyber safety educational programs throughout the entire task force service area in the future.*

NOTE: If the task force has been involved in more than one cyber safety educational program during the prior calendar year, address each program in a separate paragraph. This will ensure that each paragraph of information is a self-contained explanation of the program.

Task force investigators Tracy Perkins and Andy Evans teach in-person classes on a variety of topics including Internet safety, sexting, cyber bullying, and parental awareness. The exact topic and length of the class is usually heavily influenced by the organization requesting the presentation. The Task Force presenter will work with the school or organization to identify specific topic(s) of interest and make sure the presentation is age appropriate. The Task Force presenter will then customize a presentation to satisfy the needs of the school or organization.

The goal of these programs is to remind students, parents, and the community that activity on the Internet is permanent and mitigate the potential dangers and negative consequences that come with the use of social media and the Internet.

The Task Force provides services to include educational programs to a seven-county area in Mid-Missouri. In 2018 the Task Force made presentations to 39 schools and other organizations across the service area. 4333 students and other persons attended these presentations.

The Task Force has a website, www.bcsdcybercrimes.com, that allows schools and organizations to contact to the Task Force with a request.

Goal #3 - Educational Activities

Objective #2.1 - Law Enforcement Outreach

For the following question, the term "outreach efforts" refers to efforts designed to provide information, share resources, invite increased participation, and/or develop professional relationships as it relates to the work performed by the task force.

In addition, the term "service area" refers to the geographic area being served/covered by the task force (generally pursuant to and memorialized by a MOU, MOA, or other form of mutual agreement). Therefore, the term "throughout the entire service area" refers to the law enforcement agencies in every county of the geographic coverage area (or at least the greater majority of every county, depending on the size of the service area, the abilities of the task force, and the forums being used to reach such audiences).

Has the task force been involved in outreach efforts to law enforcement agencies throughout the entire task force service area during the prior calendar year?*

Yes

Narrative*

• *If Yes, identify the outreach effort and describe how and/or by whom the outreach effort was provided and the purpose/goal of the outreach effort, making sure to also identify the geographic jurisdiction(s) in which the outreach was provided or the geographic area(s) of the outreach's audience.*

• *If No, as applicable, identify any outreach effort that was provided and describe how and/or by whom the outreach effort was provided and the purpose/goal of the outreach effort, making sure to also identify the geographic jurisdiction(s) in which the outreach was provided or the geographic area(s) of the outreach's audience. Then, in a separate paragraph, explain the reason the task force was not involved in outreach efforts with law enforcement agencies throughout the entire task force service area during the prior calendar year and identify the plan to get involved in outreach efforts with law enforcement agencies throughout the entire task force service area in the future.*

NOTE: If the task force has been involved in more than one outreach effort to law enforcement agencies during the prior calendar year, address each outreach effort in a separate paragraph. This will ensure that each paragraph of information is a self-contained explanation of the outreach effort.

Task Force investigators Tracy Perkins and Andy Evans taught in-person classes related to technology based and Internet related investigations to law enforcement partners in 2018. These presentations occurred at law enforcement conferences, Major Case Squad training, and School Resource Officer basic training.

The goal of these programs is to educate law enforcement about digital investigations. Goals include a basic understanding of how to identify digital evidence, preserving such evidence, and collecting and seizing digital evidence for an investigation. In addition, law enforcement partners gain a valuable contact (the Task Force) for support or questions regarding these types of investigations.

The Task Force provides services to include educational programs for law enforcement to a seven-county area in Mid-Missouri. In 2018 the Task Force made six presentations to law enforcement. 143 law enforcement officers attended these presentations.

The Task Force has a website, www.bcsdcybercrimes.com, that allows law enforcement to contact to the Task Force with a request or question.

Objective #3.1 - Prosecutorial Outreach

For the following question, the term "outreach efforts" refers to efforts designed to provide information and develop professional relationships as it relates to the prosecution of investigations and/or forensic examinations performed by the task force.

In addition, the term "service area" refers to the geographic area being served/covered by the task force (generally pursuant to and memorialized by a MOU, MOA, or other form of mutual agreement). Therefore, the term "throughout the entire service area" refers to the prosecutors and/or federal attorneys in every county of the geographic coverage area (or at least the greater majority of every county, depending on the size of the service area, the abilities of the task force, and the forums being used to reach such audiences).

Has the task force been involved in outreach efforts to prosecutors and/or federal attorneys throughout the entire task force service area during the prior calendar year?*   Yes

Narrative*

• *If Yes, identify the outreach effort and describe how and/or by whom the outreach effort was provided and the purpose/goal of the outreach effort, making sure to also identify the geographic jurisdiction(s) in which the outreach was provided or the geographic area(s) of the outreach's audience.*

• *If No, as applicable, identify any outreach effort that was provided and describe how and/or by whom the outreach effort was provided and the purpose/goal of the outreach effort, making sure to also identify the geographic jurisdiction(s) in which the outreach was provided or the geographic area(s) of the outreach's audience. Then, in a separate paragraph, explain the reason the task force was not involved in outreach efforts with prosecutors and/or federal attorneys throughout the entire task force service area during the prior calendar year and identify the plan to get involved in outreach efforts with prosecutors and/or federal attorneys throughout the entire task force service area in the future.*

NOTE: If the task force has been involved in more than one outreach effort to prosecutors and/or federal attorneys during the prior calendar year, address each outreach effort in a separate paragraph. This will ensure that each paragraph of information is a self-contained explanation of the outreach effort.

In an effort to provide information to and develop professional relationships within our seven-county Mid-Missouri service area, the Task Force makes it a priority to educate and communicate with the seven State prosecutor's offices in our service area. In 2018, The Task Force successfully worked with every County Prosecuting Attorney's Office in the service area.

As an example, one of the Task Force members is the Boone County Prosecuting Attorney's office. The Task Force was assigned A.P. Merilee Crockett in 2008. In June of 2018, all Boone County Task Force investigators and A.P. Crockett attended the National Internet Crimes Against Children (ICAC) Conference in Atlanta, GA together. This type of training and activity fosters the team mentality necessary for successfully technology-based investigations.

One internal goal of the Task Force is to formalize these efforts with a quarterly newsletter. The topics covered will include investigative techniques, evidence best practices, lessons learned/case studies, new technology, Task Force services offered, and current/new case law.

Objective #4.1 - Allied Professionals Outreach

For the following question, the term "allied professionals" includes child advocacy centers, juvenile officers, medical personnel, caseworkers, therapists, etc.

In addition, the term "outreach efforts" refers to efforts designed to provide information, share resources, and/or develop professional relationships as it relates to the work performed by the task force.

Lastly, the term "service area" refers to the geographic area being served/covered by the task force (generally pursuant to and memorialized by a MOU, MOA, or other form of mutual agreement). Therefore, the term "throughout the entire service area" refers to the allied professionals in every county of the geographic coverage area (or at least the greater majority of every county, depending on the size of the service area, the abilities of the task force, and the forums being used to reach such audiences).

Has the task force been involved in outreach efforts to allied professionals throughout the entire task force service area during the prior calendar year?*   Yes

Narrative*

- *If Yes, identify the outreach effort and describe how and/or by whom the outreach effort was provided and the purpose/goal of the outreach effort, making sure to also identify the geographic jurisdiction(s) in which the outreach was provided or the geographic area(s) of the outreach's audience.*

- *If No, as applicable, identify any outreach effort that was provided and describe how and/or by whom the outreach effort was provided and the purpose/goal of the outreach effort, making sure to also identify the geographic jurisdiction(s) in which the outreach was provided or the geographic area(s) of the outreach's audience. Then, in a separate paragraph, explain the reason the task force was not involved in outreach efforts with allied professionals throughout the entire task force service area during the prior calendar year and identify the plan to get involved in outreach efforts with allied professionals throughout the entire task force service area in the future.*

NOTE: If the task force has been involved in more than one outreach effort to allied professionals during the prior calendar year, address each outreach effort in a separate paragraph. This will ensure that each paragraph of information is a self-contained explanation of the outreach effort.

In 2018 Detective Tracy Perkins and Detective Andy Evans made three presentations to allied professionals. Presentation were made at the Missouri Human Trafficking Conference, Missouri Juvenile Justice Conference, and a criminal investigations class at Columbia College. 101 allied professionals attended these training sessions.

The goals of these training sessions are to help allied professionals better understand what potential dangers children are exposed to on the Internet and mitigate the potential dangers and negative consequences that come with the use of social media and the Internet. As an example, the class taught at the Missouri Juvenile Justice Conference was titled "Teens and Trends".

Goal #4 - Collaboration with Other Agencies

Objective #1.1 - Information Sharing

For the following question, the term "service area" refers to the geographic area being served/covered by the task force (generally pursuant to and memorialized by a MOU, MOA, or other form of mutual agreement). Therefore, the term "throughout the entire service area" refers to the agencies in every county of the geographic coverage area (or at least the greater majority of every county, depending on the size of the service area, the abilities of the task force, and the forums being used to reach such audiences).

Does the task force participate in meetings, generate newsletters, or   No

**partake in any other
information forum to
share task force
information with the
agencies throughout the
entire task force service
area?***

Narrative*

• *If Yes, describe the method(s) in which information is shared, identify the type(s) of information that is shared, and identify the agencies to which information is shared.*

• *If No, describe the plan to implement information sharing with the agencies throughout the task force service area, identify the type(s) of information that will be shared, and identify the agencies to which information will be shared.*

A goal of the Task Force moving forward will be to begin sharing information with agencies and prosecutor's offices in the Task Force service area with a quarterly newsletter. The topics covered will include investigative techniques, evidence best practices, lessons learned/case studies, new technology, Task Force services offered, and current/new case law.

Goal #4 - Collaboration with Other Agencies

Objective #2.1 - Investment

For the following question, the term "committee" refers to an oversight group, board of directors, steering committee, advisory council, etc that is organized separate from the applicant agency and consists of member agencies from the task force service area.

**Does the task force have
a committee established
to engage in operational
and/or financial matters
involving the task force?*** No

Narrative*

• *If Yes, identify the committee's composition by agency (exclude the names of the individual committee members), the frequency in which the committee meets, and the purpose of the committee, making sure to explain the nature and ability of such involvement with operational and/or financial matters involving the task force and whether or not by-laws or other source documents exist to detail such involvement/authority.*

• *If No, explain the approval process that exists with operational and/or financial matters involving the task force and the plan to establish a committee to oversee the task force's operational and/or financial matters.*

During the application process, the grant is reviewed by the Boone County Auditor and approved by the Boone County Commission. After the grant is awarded, the final budget is approved, and funds allocated by the County Commission. Furthermore, the Sheriff's Department budget administrator monitors the grant and makes the actual requests to spend the funds. These expenditure requests receive final approval through the County Auditor and Treasurer offices.

Day to day supervision of the Task Force is performed by the Boone County Sheriff's Department Investigations Lieutenant. If any unexpected operational or financial matters arise, Boone County Sheriff Dwayne Carey is notified, and a decision will be made by the Sheriff as necessary.

Although the Task Force services a seven-county area in Mid-Missouri, it is physically based at the Boone County Sheriff's Department (BCSD). Additionally, all full-time investigators are employed by

BCSD. The University of Missouri Police Department and the Federal Bureau of Investigation each provide one part-time investigator to the Task Force. The Boone County Prosecutor's Officer provides a part-time prosecutor to the Task Force. No other agencies contribute monetary resources to the Task Force.

The Boone County Sheriff's Department understands the committee recommendation, however, until additional agencies are able and willing to make a more substantial commitment to the Task Force (provide personnel or other monetary resources), formation of such a committee is difficult. For the time being, oversight of budgetary and operational issues will continue to be performed by Boone County and the Boone County Sheriff's Department.

Goal #4 - Collaboration with Other Agencies

Objective #2.2 - Investment

For the following question, the term "Memorandum of Understanding" refers to the agreement signed between the participating agencies and could also be called a Memorandum of Agreement (MOA), Letter of Agreement (LOA), etc.

In addition, the term "resources" includes personnel, currency, equipment, office space, office supplies, etc. The term "resources" has not been defined due to other implications for task forces, but "resources" are considered things of value to the task force that are above and beyond the normal course of services that would be provided by the MOU signer. For example, providing back-up or serving search warrants when called upon are services that would normally exist within the police community and their duty responsibility and is not considered a "resource" for this question. A contributed "resource" generally results in a monetary loss by the donating agency (whether as cash or an in-kind contribution) and a monetary gain by the receiving agency (whether as cash or an in-kind contribution).

Do all the agencies signing the Memorandum of Understanding (MOU) contribute resources to the task force?*   No

Narrative*

- *If Yes, list each of the agencies signing the MOU. Then, next to the name of each agency listed, list its respective contribution(s) and the approximate monetary value of the contribution.*

- *If No, list each of the agencies signing the MOU. Then, next to the name of each agency listed, list its respective contribution(s) and the approximate monetary value of the contribution for those that contribute. For any agency signing the MOU but not contributing resources, identify its respective reason for not contributing next to the agency's name.*

Primary agencies signing an MOU:

Boone County Sheriff's Department

- one full-time investigator salary and benefits, Task Force office space and associated costs, offices supplies, office equipment, 3 vehicles

University of Missouri Police Department

- one part-time forensic examiner salary and associated costs for time spent on Task Force business

Federal Bureau of Investigation

- one part-time investigator salary and associated costs for time spent on Task Force business

Boone County Prosecutor's Office

- one part-time assistant prosecutor salary and associated costs for time spent on Task Force business

<u>Associate agencies signing an MOU:</u>

Callaway County Sheriff's Department

- Not contributing resources because of limited resources/budgets

Cole County Sheriff's Department

- Not contributing resources because of limited resources/budgets

Cooper County Sheriff's Department

- Not contributing resources because of limited resources/budgets

Howard County Sheriff's Department

- Not contributing resources because of limited resources/budgets

Randolph County Sheriff's Department

- Not contributing resources because of limited resources/budgets

Audrain County Sheriff's Department

- Not contributing resources because of limited resources/budgets

Columbia Police Department

- CPD pulled personnel from the Task Force in 2010 due to Administration choice

Hallsville Police Department

- Not contributing resources because of limited resources/budgets

Centralia Police Department

- Not contributing resources because of limited resources/budgets

Ashland Police Department

- Not contributing resources because of limited resources/budgets

Jefferson City Police Department

- Not contributing resources because of limited resources/budgets

Fulton Police Department Callaway

- Not contributing resources because of limited resources/budgets

Holts Summit Police Department

- Not contributing resources because of limited resources/budgets

Auxvasse Police Department

- Not contributing resources because of limited resources/budgets

Boonville Police Department

- Not contributing resources because of limited resources/budgets

New Franklin Police Department

- Not contributing resources because of limited resources/budgets

Fayette Police Department

- Not contributing resources because of limited resources/budgets

Mexico Department of Public Safety

- Not contributing resources because of limited resources/budgets

Vandalia Police Department

- Not contributing resources because of limited resources/budgets

Moberly Police Department

- Not contributing resources because of limited resources/budgets

Type of Program

Type of Program*

Provide the following information about the program that will be implemented by the requested funds:

- *Define the services to be provided by the project.*
- *Indicate who will provide the services provided by the project.*
- *Describe how the identified services will be provided.*

Provide other details, where applicable, to clearly describe the makeup and operation of the proposed project. Flow charts and outlines to support this narrative description may be included under the "Other Attachments" application form.

The Boone County Sheriff's Department Cyber Crimes Task Force is a cooperative effort between participating Mid-Missouri law enforcement agencies across a seven-county area.

Services provided by the project:

The primary focus of the Boone County Sheriff's Department Cyber Crimes Task Force is the detection and investigation of Internet crimes committed against children. Investigations may include Internet enticement of children, promoting and possession of child pornography, trafficking of children for prostitution, cyber bullying, obscenity directed towards minors, and other crimes perpetrated through the use of computers, the Internet, or other technology. These investigations include both undercover (proactive) and complaint driven (reactive) investigations.

The Task Force also provides forensic examinations of computers, cellular phones, and other electronic media to law enforcement agencies and prosecuting attorneys. When requested by prosecutors, investigators provide expert testimony in court proceedings related to Task Force investigations and/or technology intensive investigations.

Additionally, in an effort to improve public safety for children and the community, investigators assigned to the Task Force organize and participate in educational programs and public awareness events. The goal is to mitigate the potential dangers and negative consequences that come with the use of social media, the Internet, and related technology. Recipients of these programs include schools, parents, community organizations, and other law enforcement partners.

The Task Force maintains a web site, www.bcsdcybercrimes.com, which provides information and resources for families, schools, and the community to request services. In addition, the website has resources for area law enforcement to access information, resources, and request forensic examinations.

Who will provide services:

Currently, the Task Force is comprised of three full-time investigators from the Boone County Sheriff's Department. The bulk of the Task Force services described above are performed by these three full-time investigators.

The Task Force does have a second part-time forensic examiner, contributed by the University of Missouri Police Department, who helps with the ever-increasing number of forensic exams being performed by the Task Force.

Since 2010, the Federal Bureau of Investigations (FBI) has been a member agency with the Task Force. The FBI makes every effort to assist the Task Force with investigations that may have a Federal nexus or other business as needed.

The Boone County Prosecuting Attorney's Office is a member agency to the Task Force. Since 2007, the Task Force was assigned Assistant Prosecutor Merilee Crockett to handle and prosecute all Boone County cases originating from a Task Force investigation.

Other associated Task Force member agencies provide assistance and services as needed usually when a Task Force investigation occurs in their respective service areas.

How the services be provided:

The Task Force will provide services to the citizens of Boone County and the other counties in our service area by handling Internet and technology related investigations of crimes against children whether they be complaint driven, CyberTips received, and/or proactive investigations.

Additionally, The Task Force continues to provide much needed investigative and technical assistance in Mid-Missouri to law enforcements efforts related to cyber crimes against children.

The Task Force maintains cutting edge, specialized equipment and software. Investigators have the expertise and experience to use these powerful tools during investigations. Through training and networking the Task Force is constantly making efforts to stay relevant with new knowledge and skills in the constantly evolving cyber/digital landscape.

On a yearly basis the Task Force completes over 40 in-person presentations reaching thousands of attendees.

The Boone County Sheriff's Department is committed to this effort and enjoys its position as host to the Boone County Cyber Crimes Task Force, the premier cyber crimes investigative unit in Mid-Missouri.

Supplanting

Supplanting*

Describe whether or not other federal, state, or local funds are available to the applicant agency for the purpose of the project. Be specific!

If any of the following factors apply to the proposed project, provide information to address the factors that apply:

- *If other federal, state, or local monies are available, please address why SCCG funding is being requested.*
- *If the application includes existing costs, explain how those costs are currently being funded and if and when that funding source will cease.*
- *If program income is anticipated or could be generated as a result of the grant-funded project, explain how those monies will not supplant SCCG funds.*

Current funding for the recurring costs included in this application end on May 31, 2019. No other funds, including donations, grants, local money or other funds are available to fund the requested items. No funds are available for newly requested items such as equipment or training.

In past years, the Task Force has received limited funds from the Missouri ICAC grant, court ordered restitution, and forfeiture money. The amounts vary each year and even in the best years only represent a very small percentage of the funds requested through the SCCG grant. If such funds are received, the money will not be used to pay for items included in this SCCG grant application. When available, the Task Force uses this money for unexpected training, equipment, supplies, and other operational expenses not covered by the SCCG grant.

Audit Requirements

Date last audit was completed:*	June 26, 2018
Date(s) covered by last audit:*	January 1, 2017 to December 31, 2017
Last audit performed by:*	RubinBrown LLP
Phone number of auditor:*	314-290-3300
Date of next audit:*	May 2019
Date(s) to be covered by next audit:*	January 1, 2018 to December 31, 2018
Next audit will be performed by:*	RubinBrown LLP

Total amount of financial assistance received from all entities, including the Missouri Department of Public Safety, during the date(s) covered by your agency's last audit, as indicated above.

*The **Federal Amount** refers to funds received directly from the Federal Government or federal funds passed through state agencies in the form of grants, loans, loan guarantees, property (including donated surplus property), cooperative agreements, interest subsidies, insurance, food commodities, direct appropriations, and other assistance.*

*The **State Amount** refers to funds received directly from the State of Missouri, not including federal pass-thru funds, in the form of grants, loans, loan guarantees, property (including donated surplus property), cooperative agreements, interest subsidies, insurance, food commodities, direct appropriations, and other assistance.*

Federal Amount:*	$1,124,848.00
State Amount:*	$2,991,183.00

Required Attachments

Attachment	Description	File Name	Type	File Size
Memorandum of Understanding (MOU)				null

Other Attachments

Certified Assurances

To the best of my knowledge and belief, all data in this application is true and correct, the document has been duly authorized by the governing body of the applicant, and the applicant attests to and/or will comply with the following Certified Assurances if the assistance is awarded:

2020 SCCG Certified Assurances

I am aware that failure to comply with any of the Certified Assurances could result in funds being withheld until such time that I, the recipient, take appropriate action to rectify the incident(s) of non-compliance. Where the Authorized Official is unable to certify to any of the statements in the Certified Assurances, he or she shall provide an explanation below and may attach documentation under the 'Other Attachments' form where needed.

**I have read
and agree to
the terms and
conditions of
the grant.***

**If you marked
No to the
question
above, please
explain:**

Your typed name as the applicant authorized official, in lieu of signature, represents your legal binding acceptance of the terms of this application and your statement of the veracity of the representations made in this application.

**Authorized
Official
Name:***

Job Title:* Presiding Commissioner

Date:* 3·7·19