CERTIFIED COPY OF ORDER

166 -2017

STATE OF MISSOURI

County of Boone } ea.

March Session of the January Adjourned   Term. 20   17

In the County Commission of said county, on the   30th   **day of**   March   20   17

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

Now on this day the County Commission of the County of Boone does hereby recognize the week of April 2-8, 2017 as National Crime Victims' Rights Week.

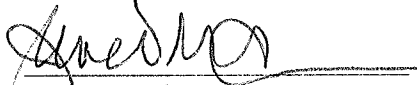Done this 30th day of March, 2017.

ATTEST:

Wendy S. Noren
Clerk of the County Commission

Daniel K. Atwill
Presiding Commissioner

Absent
Fred J. Parry
District I Commissioner

Janet M. Thompson
District II Commissioner

PROCLAMATION FOR NATIONAL CRIME VICTIMS' RIGHTS WEEK
APRIL 2-8, 2017

Whereas, Americans are the victims of more than 20 million crimes each year, affecting individuals and communities; and

Whereas, Providing victims with knowledge of their rights and available services further strengthens their ability to recover by restoring a sense of self-empowerment; and

Whereas, A trauma-informed response to victims promotes healing and fosters strength in survivors; and

Whereas, Unaddressed trauma from victimization weakens the resilience of victims and their communities, impeding their ability to withstand future trauma; and

Whereas, Victims who feel understood and supported are more likely to disclose their victimization, seek services, and participate in the justice process; and

Whereas, A multidisciplinary response, involving collaboration among victim service professionals, criminal justice officials, legal professionals, medical and mental health providers, and community leaders is essential to reach and serve all victims—especially those who are marginalized, have disabilities, or live in remote locations; and

Whereas, Strengthening the multidisciplinary response—bringing diverse skills, perspectives, and understandings together in the service of victims—also serves to build the resilience of those responders, by strengthening the confidence in their roles, abilities and sense of contribution; and
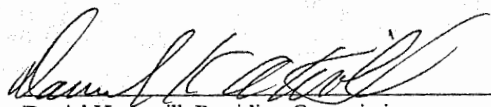
Whereas, National Crime Victims' Rights Week, April 2-8, 2017, provides an opportunity to recommit to ensuring that all victims of crime—especially those who are challenging to reach or serve—are afforded their rights and receive a trauma-informed response; and
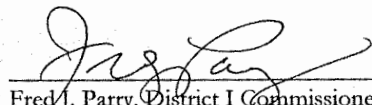
Whereas, Boone County is hereby dedicated to strengthening victims and survivors in the aftermath of crime, building resilience in our communities and our victim responders, and working for justice for all victims and survivors;
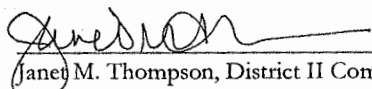
Therefore, the Boone County Commission does hereby proclaim the week of April 2-8, 2017, as National Crime Victims' Rights Week and reaffirm this county's commitment to creating a victim service and criminal justice response that assists all victims of crime during Crime Victims' Rights Week and throughout the year; and to express our sincere gratitude and appreciation for those community members, victim service providers, and criminal justice professionals who are committed to improving our response to all victims of crime so that they may find relevant assistance, support, justice and peace.

IN TESTIMONY WHEREOF, this 30th day of March, 2017.

Daniel K. Atwill, Presiding Commissioner

Fred J. Parry, District I Commissioner

Janet M. Thompson, District II Commissioner

ATTEST:

Wendy S. Noren, County Clerk

CERTIFIED COPY OF ORDER

STATE OF MISSOURI

County of Boone } ea.

In the County Commission of said county, on the   30th   **day of**   March   20   17

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 2017-2018 State Cyber Crime Grant application as offered by the Missouri Department of Public Safety.

Done this 30th day of March, 2017.
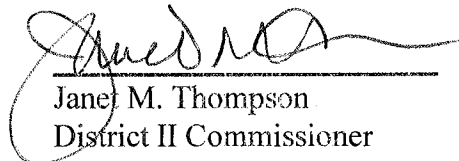
ATTEST:

Wendy S. Noren
Clerk of the County Commission
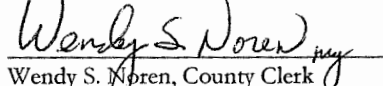
Daniel K. Atwill
Presiding Commissioner

Absent
Fred J. Parry
District I Commissioner

Janet M. Thompson
District II Commissioner

Missouri Department of Public Safety

Application

79518 - 2018 SCCG

79826 - Boone County Sheriff's Department Cyber Crimes Task Force

State Cyber Crime Grant (SCCG)

Status: Editing

Submitted Date:

Primary Contact

Name:*		Detective	Tracy	Perkins
		Title	First Name	Last Name

Job Title: Detective

Email: TWest@boonecountymo.org

Mailing Address: Boone County Sheriff's Department

Street Address 1: 2121 County Drive

Street Address 2:

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

Phone:* 573-442-4598

Ext.

Fax: 573-442-5672

Organization Information

Applicant Agency: Boone County, Cyber Task Force

Organization Type: Government

Federal Tax ID#: 436000349

DUNS #: 182739177

| CCR Code: | 4KKC8 | 09/25/2015 |
| | | 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 Commission

Mailing Address: 801 East Walnut Street

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

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:*	573-886-4367	
		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:*	Detective	Tracy	Perkins
	Title	First Name	Last Name

Job Title:	Task Force Coordinator
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: twest@boonecountymo.org

Phone:* 573-442-4598

Ext.

Fax: 573-442-5672

Project Summary

Application Type:	Continuation
Current Subaward Number(s):	2017-SCCG-001
Program Category:	Law Enforcement
Project Type:	Regional
Geographic Area:	Boone County, including the cities of Columbia, Centralia, Ashland, Sturgeon, Hartsburg, Rocheport, Hallsville, and Harrisburg. Other Counties include Audrain, Callaway, Cole, Cooper, Howard, and Randolph. The largest cities in these counties are Mexico, Fulton, Jefferson City, Boonville, Fayette, and Moberly respectively. Located in Central Missouri.

Brief Summary:

The major 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 electronic media.

The Task Force also provides forensic examinations of computers and other electronic media to law enforcement agencies and prosecuting attorneys.

To improve public safety, investigators assigned to this Task Force participate in public awareness and education programs to educate schools, parents, the community and other law enforcement agencies about the dangers of the Internet.

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	Detective	Retained	FT	$1,969.82	26.0	100.0	$51,215.32
Cody Bounds	Detective	Retained	FT	$1,989.41	26.0	100.0	$51,724.66
							$102,939.98

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)**:*

Andrew Evans has been a certified law enforcement officer for 14 years. Evans was assigned to the Task Force in July 2014. Detective Evans' primary responsibility is to handle reactive and proactive investigations involving crimes against children through the Internet. Additional duties include surveillance details, testimony in State and Federal criminal proceedings, obtaining and serving search warrants, preparing and participating in public awareness and education programs and attending any additional training for his position. Detective Evans has attended ICAC Investigative Techniques and Undercover training courses and Online Ads. Detective Evans has completed ICAC Torrent training for peer to peer investigations. The courses will assist Evans in his current duties in the Task Force. Detective Evans received a 2% salary increase at the beginning of 2017. This grant will retain this position.

Cody Bounds has been a certified law enforcement officer for 6 years. Detective Bounds was assigned to the Task Force in January 2014. Detective Bounds completed a certification in Comp TIA A+ Hardware and Software and has maintained that certification. Detective Bounds has completed over 400 hours in forensics training, to include All Access Online Pass, FTK AccessData Bootcamp, certified Cellebrite examiner and IACIS Basic Certified Forensics examiner. Detective Bounds' primary responsibility is forensic examinations of electronic evidence, testimony in State and Federal criminal proceedings, obtaining search warrants and preparing evidence for court and attending further training for his position. Detective Bounds received a 2% salary increase at the beginning of 2017. This grant will retain this position.

Personnel Benefits

Category	Item	Salary/Premium	Percentage/# of Periods	% of Funding Requested	Total Cost
Dental Insurance	Dental Insurance	$70.00	12.0	100.0	$840.00
Dental Insurance	Subsidized Dental Insurance- Family Bounds	$20.55	12.0	100.0	$246.60
					$1,086.60
FICA/Medicare	FICA/Medicare	$102,939.98	0.0765	100.0	$7,874.91
					$7,874.91
Life Insurance	Life Insurance	$8.00	12.0	100.0	$96.00
					$96.00
Long-Term Disability	Long-Term Disability	$102,939.98	0.0043	100.0	$442.64
					$442.64
Medical Insurance	Subsidized Medical Insurance HDHP Family Bounds	$421.96	12.0	100.0	$5,063.52
Medical Insurance	Medical Insurance- PPO Evans	$515.00	12.0	100.0	$6,180.00
Medical Insurance	Medical Insurance- HDHP Bounds	$440.00	12.0	100.0	$5,280.00
					$16,523.52
Other	Heath Savings Account Contribution	$75.00	12.0	100.0	$900.00
					$900.00
Pension/Retirement	Pension 401 (A) Match	$50.00	26.0	100.0	$1,300.00
					$1,300.00
Workers Comp	Workers Comp	$102,939.98	0.0243	100.0	$2,501.44
					$2,501.44
					$30,725.11

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 your agency anticipates a premium or rate change during the project period, indicate the effective date of change and the reasoning for such change.

Boone County, Missouri, self-insures employee medical and dental benefits. Premiums are determined annually through the budget process and approved with adoption of the annual budget. In a self-insured arrangement, there is no vendor-generated invoice; instead, premium charges are recorded via a monthly internal accounting posting. Optional dependent coverage is available to employees and the County pays a portion of the dependent premium. In addition, the County provides life insurance and long-term disability benefits through a
contract with Assurant Employee Benefits; the rates are fixed by contract and the County uses these rates to prepare a self-generated invoice each month. The County also provides a retirement 401(a) match for employees who voluntarily participate in the retirement savings plan.

Workers Compensation benefits are contracted through the Missouri Association of Counties Workers' Compensation Trust. Rates are determined annually.

Dental Insurance is contributed by the employer at a rate of $35.00 per month to pay basic dental care for each employee.
Subsidized Dental Insurance- Family is contributed by the employer to subsidize a portion of family dental insurance at a rate of $20.55 per month. Cody Bounds has insurance on his family.
FICA/Medicare is contributed by Boone County 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 $4.00 per month per employee to provide coverage in the event of death of the insured person.
Long-Term Disability is insurance to pay for long term disability in case an employee is disabled for an extended period. The 2017 rate is $0.0043.
Subsidized Medical Insurance HDHP Family is contributed by the employer to subsidize a portion of family insurance at a rate of $421.96 per month. Cody Bounds has health insurance coverage on his family.
Medical Insurance PPO is contributed by the employer at a rate of $515.00 per employee to provide coverage in the event of illness or injury to the insured person. Andy Evans is covered under this Insurance plan.
Medical Insurance HDHP is contributed by the employer under a High Deductible Health Plan at a rate of $440.00 per employee to provide coverage in the event of illness or injury to the insured person. Cody Bounds is covered under this Insurance plan.
Other-Health Savings Account Contribution- is contributed by the employer for any County Employee who enrolls in the High Deductible Health Plan at a rate of $75.00 monthly to the employee's HDHP account. Cody Bounds receives this contribution.
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 saving that allows for the accumulation of a fund for later use as a retirement income.
Workers Compensation is contributed by the employer at an approximate rate of .0243% of salary to provide wage replacement and medical benefits to employees injured in the course of employment.

Personnel Overtime

Name	Title	Hourly Overtime Pay	Hours on Project	% of Funding Requested	Total Cost
Andy Evans	Detective	$36.93	60.0	100.0	$2,215.80
Cody Bounds	Detective	$37.31	240.0	100.0	$8,954.40
Tracy Perkins	Detective	$40.74	180.0	100.0	$7,333.20
					$18,503.40

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:

Detective Andy Evans is a full-time investigator for the Task Force retained by the grant. Detective Evans has close to 100 hours of ICAC training, to include, ICAC Basic Techniques, ICAC Undercover Chat Investigations and ICAC Online Ads. Detective Evans recently was trained in the area of peer to peer investigations. Detective Evans works reactive and proactive investigations. Over several years the Task Force continues to see reactive cases overshadow the proactive cases. To conduct a quality investigation some of the reactive investigations can be labor intensive, from the beginning to the conclusion of the investigation. The amount of hours being requested averages out to 5 hours extra a month. Detective Evans would use the overtime to work on current caseload and potentially using any extra time to work on proactive investigations, to include UC chats and peer-to-peer investigations.

Detective Evans will work approximately 60 hours of overtime on the proposed project. Detective Evans overtime hourly rate is $36.93 and the applicant agency is requesting 100% reimbursement of the cost.

Detective Cody Bounds is the only full time forensic examiner for the Task Force being retained by the grant. Detective Bounds has over 400 hours of forensic training, to include, All Access Online Pass, FTK AccessData Bootcamp, CCME Cellebrite Certified Flagship Certification. In 2016, Detective Bounds recently completed his certification with International Association of Computer Investigation Specialist (IACIS) which Bounds spent over 150 hours to prepare and complete this certification.
Over the past few years the Task Force has been consistently backlogged 7 to 8 months on forensic examinations. Detective Bounds is a valuable asset to this unit with his knowledge and experience. Detective Bounds has a goal for the Task Force to decrease the backlog to a more reasonable turnaround time of 2 to 3 months. In 2016, Detective Bounds processed more than 34 Terabites of data and completed over 200 examinations, this included hard drives, cell phones and other electronic devices. The amount of hours being requested averages out to 20 hours a month. Detective Bounds would use the overtime to work on backlog cases.

Detective Bounds will work approximately 240 hours of overtime on the proposed project. Detective Bounds overtime hourly rate is $37.31 and the applicant agency is requesting 100% reimbursement of the cost.

Detective Tracy Perkins has been assigned to the Task Force since 2007 working proactive and reactive investigations. Detective Perkins has been trained ICAC IT and UC investigations and has attended various peer to peer investigation training for the distribution of child pornography. Detective Perkins currently works reactive investigations generated from self-reported and CyberTips. Detective Perkins works some proactive cases involving peer to peer, when able to manage the caseload. In 2014, Detective Perkins became coordinator of the Task Force. Managing the daily administrative duties, phone calls and oversight of the Task Force operations greatly affects a timely turnaround on the investigations assigned to Detective Perkins. The amount of hours being requested averages out to 15 hours a month. Detective Perkins would use the overtime to work investigations.

Detective Perkins will work approximately 180 hours of overtime on the proposed project. Detective Perkins overtime hourly rate is $40.74 and the applicant agency is requesting 100% reimbursement of the cost.

Personnel Overtime Benefits

Category	Item	Overtime/Premium	Percentage/# of Periods	% of Funding Requested	Total Cost
FICA/Medicare	FICA/Medicare	$18,503.40	0.0765	100.0	$1,415.51
					$1,415.51
Workers Comp	Workers Compensation	$18,503.40	0.0243	100.0	$449.63
					$449.63
					$1,865.14

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 your agency anticipates a premium or rate change during the project period, indicate the effective date of change and the reasoning for such change.

FICA/Medicare is contributed by the employer to the IRS at a rate of 7.65% as set by the federal government for contributions for social Security and Medicare

Workers Compensation is contributed by the employer at an approximate rate of .0243% of salary to provide wage replacement and medical benefits to employees injured in the course of employment.

Travel/Training

Category	Item	Unit Cost	Duration	Number	% of Funding Requested	Total Cost
Airfare/Baggage	2018- National Law Enforcement Training on Child Exploitation - Airfare	$350.00	1.0	5.0	100.0	$1,750.00
Airport Parking	2018- National Law Enforcement Training on Child Exploitation - Airport Parking	$8.00	5.0	1.0	100.0	$40.00
Lodging	2018- National Law Enforcement Training on Child Exploitation - Lodging	$140.00	4.0	5.0	100.0	$2,800.00
Meals	2018- National Law Enforcement Training on Child Exploitation - Meals	$40.00	5.0	5.0	100.0	$1,000.00
Registration Fee	Cellebrite Certified Mobile Examined (CCME) Recertification	$199.00	1.0	1.0	100.0	$199.00
Airfare/Baggage	IACIS Mobile Device Forensics Training- Airfare	$600.00	1.0	1.0	100.0	$600.00

Meals	IACIS Mobile Device Forensics Training- Meals	$40.00	6.0	1.0	100.0	$240.00
Airport Parking	IACIS Mobile Device Forensics Training- Airport parking	$8.00	6.0	1.0	100.0	$48.00
Fuel	IACIS Mobile Device Forensics Training- Fuel	$50.00	1.0	1.0	100.0	$50.00
Lodging	IACIS Mobile Device Forensics Training- Lodging	$120.00	5.0	1.0	100.0	$600.00
Registration Fee	IACIS Mobile Device Forensics Training- Registration	$1,495.00	1.0	1.0	100.0	$1,495.00
Rental Car	IACIS Mobile Device Forensics Training- Rental	$280.00	1.0	1.0	100.0	$280.00
Airfare/Baggage	ICAC Advanced Undercover Chat Investigations- Airfare	$500.00	1.0	1.0	100.0	$500.00
Airport Parking	ICAC Advanced Undercover Chat Investigations- Airport Parking	$8.00	4.0	1.0	100.0	$32.00

Fuel	ICAC Advanced Undercover Chat Investigations-Fuel	$60.00	1.0	1.0	100.0	$60.00
Meals	ICAC Advanced Undercover Chat Investigations-Meals	$55.00	4.0	1.0	100.0	$220.00
Rental Car	ICAC Advanced Undercover Chat Investigations-Rental Car	$300.00	1.0	1.0	100.0	$300.00
Lodging	ICAC-Advanced Undercover Chat Investigations-Lodging	$260.00	4.0	1.0	100.0	$1,040.00
						$11,254.00

Travel/Training Justification

Travel/Training Justification

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

*If **non-training/non-meeting travel costs** are included in the budget, address the following information for each cost (preferably in the order listed in the budget category):*

2018 National Law Enforcement Training on Child Exploitation-This conference is usually held in Atlanta, Georgia. The date of the 2018 Conference is TBA. Attending this training will be Detectives Tracy Perkins, Cody Bounds, Andy Evans and Dustin Heckmaster, along with Boone County Assistant Prosecutor Merilee Crocket. This conference offers training on a wide range of trending and important topics the Task Force members are needing to stay proficient in this area of expertise. The conference offers a variety of lectures and hands-on-computer workshops designed specifically for local, state and federal law enforcement working child exploitation cases. All training will benefit all investigators

Cellebrite Certified Mobile Examined (CCME) Recertification- This is an online based recertification to the Cellebrite Flagship certification in cell phone forensics. Detective Cody Bounds will retain this certification. Detective Bounds completed this certification in 2015.

IACIS Mobile Device Forensics Training- This training will be held in Lake Mary, Florida. The dates of the training is TBA. The International Association of Computer Investigative Specialists (IACIS) Mobile Device Forensics training course provides instruction on how to acquire data from and analyze mobile devices using the most current operating systems 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. This training will be attended by Detective Cody Bounds, who is a Certified Forensic Computer Examiner (CFCE) through IACIS and a Certified Mobile Device Examiner (CCME) through Cellebrite. The IACIS Mobile Device Forensics training will build upon Detective Bounds' existing qualifications, and the hours received for this training will qualify toward the required hours needed to maintain his CFCE certification as a forensic examiner.

ICAC Advanced Undercover Chat Investigations- This course is for experienced ICAC investigators and provides the latest tools and techniques to combat online child exploitation. This training will be held in Fairfax, Virginia on June 20 to June 22, 2017. Detective Andy Evans will be attending this training. Detective Evans has been working UC investigations for 2 years and is constantly seeing a shift in how criminals are targeting children online. By attending this training this will allow Detective Evans to have further insight on an advanced level with hands-on activities utilizing a computer lab and presentation by ICAC experts who routinely investigate and prosecute some of the nation's most complex and high-profile cases.

Equipment

Item	Description	Unit Cost	Quantity	Source of Bid	% of Funding Requested	Total Cost
FRED computer	DX Forensic Workstation	$13,699.00	1.0	Digital Intelligence	100.0	$13,699.00
						$13,699.00

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):

FRED Computer - This item will replace an existing workstation being used by Detective Cody Bounds which has surpassed its recommended 5-year usage cycle. This replacement is a Dx Forensic Workstation. This usage cycle expectancy is a common estimation of computer equipment and is further documented by the manufacturer. The current workstation has been utilized since December 2010, approximately 16 months or 27% past the projected usage cycle, resulting in a loss of Task Force productivity, hours, and finances. Most notably, the Task Force experienced a hard drive failure causing a loss of approximately 40 to 60 forensic analysis hours. Attempts to replace parts have been denied in the past. Since this time, the current workstation has struggled to meet the demands of current case processing due to the continued storage capacity growth of evidentiary media seized and the required updates to the forensic analysis software used to examine this media. The result has been multiple cases failing to process and having to be restarted or processed in stages, which has undoubtedly contributed to a significant amount of loss to productivity hours, and resulted in a greater backlog of evidence.

This item will be the primary workstation responsible for the processing of digital evidence by the Task Force, and is an essential piece of equipment to the daily ongoing forensic operations of our lab, as it is the only method available for proper, effective, and efficient forensic acquisition and examination of criminal digital evidence. This machine will be used by Detective Cody Bounds.

Supplies/Operations

Item	Basis for Cost Estimate	Unit Cost	Quantity	% of Funding Requested	Total Cost
10TB- Hard Drives (2)	One-Time	$415.00	2.0	100.0	$830.00
5TB- Hard Drives (5)	One-Time	$160.00	5.0	100.0	$800.00
Anti-Virus Software- Renewal (15)	Annual	$240.00	1.0	100.0	$240.00
Domain Registration	Annual	$12.00	1.0	100.0	$12.00
Website Hosting	Annual	$278.39	1.0	100.0	$278.39
					$2,160.39

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):

10TB - Hard Drives (2) - This item will be used to maintain and store forensic copies of evidence. Hard disk drives are the only evidence storage method available to our lab, as we do not have networked storage available for this purpose, and this item is therefore a necessity to our forensic operations. These specific hard disk drives are of a large enough capacity to facilitate the seizure and analysis of other large capacity storage media which has become more commonly encountered when collecting electronic evidence. These hard drives will be used by Detective Cody Bounds and Detective Dustin Heckmaster. In 2016, the Task Force lab processed over 32 TB of data.

5TB Hard Drives (5) – This item will be used to maintain and store forensic copies of evidence. Hard disk drives are the only evidence storage method available to our lab, as we do not have networked storage available for this purpose, and this item is therefore a necessity to our forensic operations. These hard drives will be used by Detective Cody Bounds and Detective Dustin Heckmaster.

Anti-Virus Software Renewal- This is software for anti-virus and Internet Security. Currently all Task Force computers are running software and need to continue with the subscription to prevent any virus or Trojan intrusions that potentially could hinder the use of any Task Force computer. The Task Force forensic examiners run this software on a suspect's computer to determine if any viruses currently on the suspect's machine. The Task Force investigators will use the software on all undercover computers and forensic machines. The Task Force has up to 15 computers for renewal. The renewal will expire May 19, 2018.

Domain Registration Renewal- The Task Force maintains a webpage at bcsdcybercrimes.com, which requires a website domain registration fee of $12.00 a year. Renewal is June 2017.

Website Hosting- The Task Force currently maintains a website, **bcsdcybercrimes.com,** which allows the Task Force to maintain an online presence. Hosting is maintained through Hostgator, and included with this annual renewal is Sitelock protections to protect the website from malicious attacks and malware. Site hosting will be an annual renewal in September 2017.

Contractual

Item	Basis for Cost Estimate	Unit Cost	Quantity	% of Funding Requested	Total Cost
AccessData FTK License Renewal (2)	Annual	$2,238.00	1.0	100.0	$2,238.00
ADF Digital Evidence Investigator	One-Time	$1,663.00	1.0	100.0	$1,663.00
Air Card	Monthly	$40.60	12.0	100.0	$487.20
Cellebrite License-Renewal (2)	Annual	$6,197.98	1.0	100.0	$6,197.98
Cellebrite UFED Cloud Analyzer	One-Time	$7,999.00	1.0	100.0	$7,999.00
DeepSpar Disk Imager 4	One-Time	$3,350.00	1.0	100.0	$3,350.00
GetData Forensic Explorer	Annual	$1,345.00	1.0	100.0	$1,345.00
IACIS Membership - renewal	Annual	$75.00	1.0	100.0	$75.00
Internet Service	Monthly	$79.94	12.0	100.0	$959.28
Magnet Forensics Internet Evidence Finder (IEF) - New	Annual	$3,250.00	1.0	100.0	$3,250.00
					$27,564.46

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):

Access Data FTK License Renewal (2) - This is an annual renewal for (2) Forensic Tool Kit software by Access Data. FTK will be used by Detectives Cody Bounds with Boone County Sheriff's Department and Dustin Heckmaster with the University of Missouri Police Department. Both forensic examiners have passed the ACE certification for this software through AccessData. This software provides forensic examiners comprehensive processing and indexing of computers, hard drives, and other digital media to assist with analyzing evidence recovered in an investigation. Both detectives have completed the All AccessData Online pass which covers FTK Bootcamp, computer registry, Windows Operating system, and other various types of recovery associated with this software.

ADF Digital Evidence Investigator- This software is a new purchase. ADF is 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, thereby reducing unfruitful forensic examinations in the lab. ADF Digital Evidence Investigator accomplishes this task by automatically scanning a computer for evidence known to be valuable in forensic investigations. Additionally, this software can be tailored by the investigator to include and automatically scan for evidence unique to a specific investigation, including file names and hash values. The capabilities of this software will help to more quickly locate evidence and establish probable cause during an active investigation. This software will be primarily used by Detective Cody Bounds and Detective Dustin Heckmaster, though multiple instances of the software can also be dispersed to other investigators as needed, as the licensing agreement allows for duplication to multiple USB devices. This software initial cost is $1663.00 at the time of purchase, the renewal is $1299 annual.

Air Card (Internet Wireless) Renewal- This renewal allows investigators to access the Internet from remote sites. This device is used for enticement investigations when the decoy investigator needs to be at a meeting site or further investigation beyond normal business hours. This service allows investigators to access the Internet when away from the office area in surrounding counties. This is a continuation of our current air card account.

Cellebrite License Renewal (2)- This is an annual renewal for (2) Cellebrite licenses. The software is designed to meet the challenges of recovering the massive amount of data stored in the modern mobile devices. The UFED software is able to extract, decode, analyze and report data. Detectives Cody Bounds and Tracy Perkins will utilize the UFED software located at the Boone County Task Force and Detective Dustin Heckmaster at the University of Missouri Police Department. License renewal is scheduled for October 30, 2017 and December 1, 2017. In 2016, the Task Force forensically processed 100 cell phones.

Cellebrite UFED Cloud Analyzer- The software is a new purchase. 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, Kik, and Dropbox. Cellebrite UFED Cloud Analyzer extracts this data in a forensically sound manner, and can be an invaluable tool to obtaining data before it is deleted by the account holder. 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 will therefore help to retrieve valuable evidence which may otherwise be irretrievable. This software will be used by Detective Cody Bounds and Detective Tracy Perkins. The price presented is a one time fee, and software is then maintained by a lesser annual fee of $2625.00.

DeepSpar Disk Imager 4- This software is a new purchase. This software 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 will help to overcome this obstacle and retrieve this evidence. This device will be used by Detective Cody Bounds and Detective Dustin Heckmaster. This hardware is a one-time fee, and then maintained by a lesser annual fee to $350 annually.

GetData Forensic Explorer- This software is a new purchase. GetData Forensic Explorer is a forensic analysis software program, and the only one of its kind 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 it was used by the suspect, 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 and highly recommended step to completing a thorough forensic examination and providing additional confidence for the forensic artifacts reported upon. 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. The initial cost of this software is a one-time purchase, with an annual renewal fee of $499.00. This software will be used by Detective Cody Bounds and Detective Dustin Heckmaster.

IACIS membership Renewal- This annual renewal membership is for Detective Cody Bounds. Detective Bounds completed his certification with the (IACIS) International Association of Computer Investigative Specialist. The membership is required for continued training through IACIS and allows for networking with other forensic experts throughout the world. Detective Bounds will not be allowed to recertify his IACIS certification without this renewal. The renewal expires in January 2018.

Internet Service- This is an undercover Internet account for investigators to have Internet access to areas necessary for their investigations, yet restricted through governmental Internet account. The Internet service provider will be CenturyLink.

Magnet Forensics Internet Evidence Finder (IEF)- This is a new purchase. Magnet Forensics IEF is a software program used to forensically analyze digital data from a wide variety of systems, including computers, mobile devices, mass storage media, and gaming consoles. The automated fashion in which IEF operates will increase productivity and help to reduce the current backlog of evidence. IEF is widely considered a software necessity amongst forensic labs nationwide. It is consistent knowledge amongst the digital forensic community that the use of IEF frequently results in the discovery of additional evidence. Currently, our lab utilizes two primary software programs, consisting of Cellebrite Physical Analyzer for mobile device evidence and AccessData FTK for standard computer evidence processing of Windows, Linux, and Apple based machines. None of our current tools are capable of efficiently analyzing non-traditional forms of computer evidence such as gaming systems, and this has been a problem with past examinations, which can be rectified with IEF. Furthermore, the limitations presented by our current practice of using only one tool for certain evidence does not allow for verification of these tools and can more easily result in missing evidence essential to an investigation. Most importantly, this is against digital forensic best practices. IEF can alleviate these issues, as it can be used for a wide variety of evidence and will give our lab a secondary, all-encompassing tool which can also be used to verify the results and findings of our current software. This software will be used by Detective Cody Bounds and Detective Dustin Heckmaster.

Total Budget

Total Project Cost: $208,711.48

Brief History

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

In January 2007, 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 purpose for organizing the Task Force goes back to 1999 when the Boone County Sheriff's Department began actively investigating crimes perpetrated through the Internet.   In 2002, the focus turned on investigating crimes against children which led to undercover covert investigations and then in 2004, investigations increased in the possession and distribution of child pornography. The Sheriff's Department continued to see an issue with the exploitation of children through the Internet and requested funding in 2007.

The Task Force changed names to the Boone County Sheriff's Department Cyber Crimes Task Force in 2010.

Since January 2007, the Task Force continues to work cases involving the exploitation of children through the Internet.

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:

With the increase use of the Internet and continued integration of technology in everyday life, the frequency of criminal activity occurring through the use of technology is more prevalent. The vast majority of cases handled by the Task Force are crimes against children, to include, enticement, child pornography, sexual assault, sex trafficking, and other forms of child exploitation. The average turnaround for a Task Force investigation is approximately a month and a half. These cases are labor intensive and sometimes require several court orders to gain the information to identify the suspect.

Furthermore, the Task Force conducts forensic examinations on evidence pertaining to an investigation worked by the Task Force. Our lab serves the mid-Missouri law enforcement with forensic examinations for both child and non-child related crimes. As the demand grows for forensic analysis on electronic devices, our lab is currently experiencing a 7 to 8 month backlog.

During the calendar year of 2016, the Task Force worked 77 investigations with 21 arrests, and carried over 17 investigations from 2015. The majority of the investigations centered on promoting and possession of child pornography. Over the course of several years the Task Force has decreased proactive investigations because a lack of time to thoroughly work these type of cases. For 2016, the Task Force received 41 cyber tip cases, 53% of the total cases, and 11 proactive and the rest were generated from self-reporting. The annual volume of cyber tips will continue to increase because electronic service providers are mandated reporters and more individuals are using online accounts to activity share and store child pornography.

	Investigations	Reactive	Proactive	Arrest	Forensics
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

In 2016, the Task Force conducted a small survey among 5 rural schools, New Franklin, Boonville, Sturgeon, North Callaway and Southern Boone totaling 1520 students. The survey showed kids between 11 and 18 years old, 85% have phones and use the device to access the Internet. The survey showed the students spend an average 2 to 4 hours a day using their devices. Eighty-eight percent of the students have some form of social media and the three most popular applications used amongst the students; Facebook messenger, Instagram and Snapchat. Furthermore, 55% of the students have talked to someone they didn't know on the Internet and 24% stated they have been asked to provide a nude picture. Less than 1% of the students said "yes", to providing a nude picture. The students were asked if they have ever engaged in "sexting" with a person they knew; 14% of the students said yes. Twelve percent stated they were asked to send a nude, and less than 1% said they did. The last section of the Task Force survey dealt with cyberbullying. The students responded to 30% saying they have been bullied online and 11% of the students stated they have bullied someone on the Internet.

The Task Force sought to have gathered more results, but lacked cooperation from the schools and/or superintendents.

The Task Force relies 100% on grant resources to cover salaries, benefits, training, equipment, software and supplies for the Task Force to continue. The Task Force has no other local money to support the cost associated with the unit. Occasionally, the Task Force will receive reimbursement money from the Courts stemming from forensic examinations, and/or Missouri ICAC money, but the amounts are unpredictable, and are insufficient to support the unit.

The Task Force serves 7 counties and no other law enforcement agency in the service area can support out of pocket personnel to be assigned to the Task Force, on a part or full-time basis. Currently, the Task Force investigators handles all CyberTip reports that are outside of Boone County. The Task Force chooses to handle the CyberTips directly to make sure the invesitigations are handled appropriately and the necessary steps are taken to determine the validity of the report and/or an arrest is made.

Crimes against children through the Internet will continue to increase, and so will the amount of hours spent on each individual case, either through investigation and/or forensic examinations. If there were other resources, such as, personnel and/or local money contributions, the resources would still be insufficient to maintain the level of training, supplies and equipment needed to work the cases effectively. The Task Force would not be able perform at the current level without the assistance of the 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.

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

Narrative

Tracy Perkins- Completed course (March 2015)
Cody Bound- Completed course (March 2015)
Andy Evans- Completed course (May 2015)
Dustin Heckmaster - Completed course (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 (preferred and recommended training identified separately in the SCCG Solicitation) required training referenced in the following question is as follows:

Field Investigator

Have all task force officers completed the minimum required   Yes
training as outlined in the SCCG Solicitation?

Narrative

• **Tracy Perkins- (Online Investigator)** ICAC Investigative Techniques (May 2007), ICAC Undercover Chat Investigation (August 2007)

• **Andy Evans- (Online Investigator)** ICAC Investigative Techniques (May 2014), ICAC Undercover Chat Investigation (May 2015)

• **Cody Bounds (Online Investigator)** ICAC Investigative Techniques (May 2014)

• **Tracy Perkins- (Mobile Forensic Examiner)** Cellebrite Mobile Forensic Fundamentals (May 2015), Cellebrite Logical Forensic Operator (January 2016)

• **Cody Bounds (Mobile Forensic Examiner)** Cellebrite Mobile Forensic Fundamentals (May 2015) Cellebrite Certified Logical Operator (May 2015), Cellebrite Certified Physical Analyst (May 2015) Cellebrite Certified Mobile Examiner (May 2015), NCFI Basic Mobile Device Investigations (September 2016)

• **Dustin Heckmaster (Mobile Forensic Examiner)** Introduction to Cellular Investigations NW3C (May 2013), Cellebrite Mobile Forensic Mobile Examiner (May 2016)

• **Cody Bounds (Computer Forensic Examiner)** Digital Forensics with FRED and Access DataBoot Camp (March 2014), AccessData Live Online Training (April 2014 to January 2015), IACIS Basic Computer Forensic Examiner (May 2016)

• ***Dustin Heckmaster (Computer Forensic Examiner)*** BDRA (April 2014), IDRA (May 2014) Access Data Live Online Training (February 2016 to November 2016)

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   Yes
for handling cyber tips?

Narrative:

1. Notification received to the Task Force Commander by email notifying that a CyberTip is ready for download from the ICAC Data System

2. Access the ICAC Data System and download the CyberTip PDF only. Review the PDF to determine if the Electronic Service Provider has viewed the contents reported in the CyberTip. If YES, download the entire file, including the image files reported. The case will be reassigned to the investigator handling the CyberTip. If NO, the investigator, who will be assigned the case will apply for a search warrant to get authorization from the courts to access the NCMEC file.

3. After obtaining the search warrant the TF Coordinator will download the entire file from the ICAC Data System and request for a reassignment, if needed.

4. The Task Force Commander draws a case number and logs the CyberTip in the Task Force in-house Excel spreadsheet as active.

5. The investigator then determines the location where the crime has occurred per the information provided in the NCMEC report. This is usually obtained by running IP address through MaxMind, a Geo-locate website. Pending the location of the IP address this will determine the jurisdiction to obtain a court order as needed. The investigator will contact the County Prosecutors office to complete any necessary steps to get authorization for a subpoena or court order.

6. After a thorough investigation, if a residential search warrant or arrest needs to be made, the lead Task Force investigator contacts the appropriate jurisdiction to make arrangements with the local law enforcement to enforce the arrest and booking of the suspect.

7. Depending on the outcome of the investigation each Task Force officer is responsible for clearing the CyberTip from the ICAC Data System. Furthermore, the lead investigator is responsible for clearing the CyberTip from the in-house record system controlled by the Task Force excel sheet.

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 available psychiatric or psychological evaluations and/or counseling for task force officers?   Yes

Narrative

All Task Force officers have the ability to attend the SHIFT (Supporting Heros in Mental Health Foundation Training) sponsored by OJJDP. Task Force officers have attended this training in the past when hosted in Missouri or offered at Conferences.

All Task Force member agencies have access to the Employee Assistance Program (EAP) offered by their employer. The EAP is free of charge to assist with counseling the employee when experiencing a variety of challenges and hardships.

The Task Force hasn't planned to implement any programs, but we do recognize all members need to attend the SHIFT program on a regular basis. With the current number of Task Force members we have a close relationship with each member and feel our lines of communication are open to be able to address or discuss any issues that may arise.

Goal #2 - Task Force Activities

Objective #1.1 - Proactive Activities

With current manpower and resources, does the task force consistently conduct proactive investigations?   No

Narrative

Currently, the Task Force is not able to consistently work proactive investigations, but tries to when caseload is caught up.

The Task Force was steadily working proactive investigations from 2007 to 2010, averaging 60 investigations yearly. In 2011, the Task Force saw a shift towards reactive cases, averaging 2 times more than proactive. Between 2011 and 2016 the amount of reactive cases has been steady, as the proactive investigations continue to drop yearly. In 2007, Detective Andy Anderson was working peer to peer child pornography cases and some online UC investigations. In 2008 and 2009, Detective Tracy Perkins attended training for UC investigations and online peer to peer training. After this training, Detective Perkins took over all peer to peer and most of the UC investigations. Detective Perkins was the only active investigator working proactive online investigations in chatrooms.

In 2014, the Task Force had 2 personnel changes which shifted the proactive investigations, again. The new replacement, Detective Andy Evans has been trained in UC investigations and has been able to work some investigations through online ad websites and chatrooms. Detective Perkins continues to work peer to peer investigations usually occurring on file sharing programs when the reactive cases slow down and administrative duties are not needed.

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

The Task Force is fortunate to have the ability to perform on-site triaging of evidence. Approximately 5 years ago the Task Force was not performing on-site triaging. The Task Force saw the need to triage evidence to help get probable cause to make an on-view arrest of the subject being investigated.

The Task Force has a forensic laptop that allows forensic examiners to process and triage hard drives, external drives and other media. The Task Force has the portable UFED Cellebrite unit that allows examiners to dump data on-site from cell phones and tablets.

Furthermore, Task Force examiners, Detective Cody Bounds and Detective Dustin Heckmaster are trained to use triage software, such as OS Triage, Paladin and Windows FE to view computers that are on and running when the Task Force executes a search warrant or knock and talk.

Current protocols being followed:
1. Unless evidence preservation or officer safety concerns dictate otherwise, photographs are obtained of all electronic items to be triaged, prior to interaction with the device.
2. 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 is documented to include the extent of the interaction, date, and time. If encryption is located, a forensic acquisition of the electronic item is to be made on-scene.
3. Dead box items are not to be powered on for on-scene previewing or triage unless they are being booted to forensic software application or bridged by a hardware device capable of write-blocking.
4. Items determined to contain possible artifacts of evidentiary value are seized for comprehensive forensic analysis at a later date.
5. Items of no apparent evidentiary value are not seized.

Goal #2 - Task Force Activities

Objective #2.1 - Grant Focused

Identify the approximate number of cases handled by the task force during the following calendar years:

Child Internet Sex Crimes Cases - Investigators	73 2016	79 2015
Child Internet Sex Crimes Cases - Examiners	42 2016	41 2015
Non-Child Internet Sex Crimes Cases - Investigators	4 2016	11 2015
Non-Child Internet Sex Crimes Cases - Examiners	35 2016	38 2015

List the funding source(s) and the approximate dollar amount of the funding source(s) for non-grant funded costs during calendar year 2016:

The Task Force has received no other funding sources for non-grant investigations or examinations for the calendar year 2016

List the funding source(s) and the approximate dollar amount of the funding source(s) for non-grant funded costs during calendar year 2015:

The Task Force has received no other funding sources for non-grant investigations or examinations for the calendar year 2015

Goal #2 - Task Force Activities

Objective #3.1 - Activity Efficiencies

Identify the task force's approximate average forensic examination case backlog (in house and/or outsourced) during the following calendar years:

Child Internet Sex Crimes Case Backlog	7 2016	10 2015
Non-Child Internet Sex Crimes Case Backlog	7 2016	8 2015

Goal #2 - Task Force Activities

Objective #3.2 - Activity Efficiencies

Identify the task force's approximate case turnaround time during the following calendar years:

Child Internet Sex Crimes Case Turnaround Time (in months)	1.5 2016	3.0 2015
Non-Child Internet Sex Crimes Case Turnaround Time (in months)	0 2016	0 2015

Goal #2 - Task Force Activities

Objective #3.3 - Activity Efficiencies

Identify the amount of data (in gigabytes) forensically processed (or submitted to a forensic lab for processing) by the task force during the following calendar years:

Child Internet Sex Crimes Data Forensically Processed In House	22542 2016	16063 2015
Child Internet Sex Crimes Data Outsourced to a Forensic Lab	0 2016	0 2015
Non-Child Internet Sex Crimes Data Forensically Processed In House	12215 2016	6166 2015
Non-Child Internet Sex Crimes Data Outsourced to a Forensic Lab	0 2016	0 2015

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, and revealing too much personal information. Such programs generally are intended for civic organizations, government organizations, radio stations, schools/teachers, parents/guardians, teens/children, etc.

Is the task force involved in cyber safety education programs throughout the entire task force service area?   No

Narrative

When our Task Force began in 2007, the Task Force coordinator, now retired Detective Andy Anderson conducted 51 presentations to make an effort to get the Task Force recognized. The first year Detective Anderson reached out to just over 2000 attendees. The Task Force has established community involvement since the beginning of 2007.

In 2016, the Task Force reached out to over 4000 attendees in 38 presentations. The Task Force offers presentations for children, parents, civil organizations, and businesses. The topics can include cyberbullying, sexting, and Internet safety. The majority of our attendees are schools.

The Task Force serves seven counties.   In 2015, the Task Force redesigned and created an interactive website at bcsdcybercrimes.com. On the website, the Task Force provides a link for community presentation requests and information links for Internet safety. The link allows an organization to email this form directly to the Task Force for any type of presentation to customize their needs. The two presenters are Detective Tracy Perkins and Detective Andy Evans. The Task Force doesn't solicit schools or organizations.   The majority of the schools who have requested our services have learned of our existence through peers or heard about the Task Force through other civic groups or the media.

A majority of our presentations fall in Boone County, to include, schools, civic organizations, and businesses. The Task Force has presented to schools in the Randolph, Cole, Callaway and Howard county areas.   The Task Force has presented to a few civic organizations in Audrain and Cooper County. The Task Force is not able provide cyber safety education throughout the entire service area because the lack of time and manpower.

The Task Force will review other resources that might allow more cyber safety education to be presented in the Task Force service area.

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.

Is the task force involved in outreach efforts to law enforcement agencies throughout the task force service area?   No

Narrative

Jurisdictions - Boone County (member agency), University Police (member agency), FBI (member agency), Callaway, Cole, Cooper, Howard, Randolph, and Audrain Sheriff Department, Boonville, Columbia, New Franklin, Fayette, Moberly, Mexico, Auxvasse, Fulton, Holts Summit, Jefferson City, Ashland, Hallsville, and Centralia Police Departments.

With our member agencies, the Task Force coordinator communicates with the member agencies by phone or email when needed. The Task Force has a great working relationship with all member agencies, so any time when the unit has an investigation needing assistance, all members are assisting.

In 2016, the Task Force received POST approved training titled "Digital Investigations for Law Enforcement". The Task Force has taught this training to area law enforcement in Callaway, Fulton and Holts Summit agencies. The Task Force has been involved in statewide training for the Missouri School Resource Officer Association conference and the Missouri Sheriff Association. Furthermore, the Task Force has been asked to present to the Missouri School Resource Officer's advanced class in the future.

The Task Force is not involved in any official outreach efforts with the associate members at this time. The Task Force is wanting to teach the POST class to more area law enforcement agencies, but time permitting has hampered the effort.

The Task Force works well with all area law enforcement in our service area and will consider where the Task Force can improve in this effort.

Goal #3 - Educational Activities

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.

Is the task force involved in outreach efforts to the prosecutors throughout the task force service area?   No

Narrative

Jurisdictions - Boone County (Member Agency), Callaway County, Cole County, Cooper County, Howard County, Randolph County, Audrain County and the Central Assistant United States Attorney office.

The Boone County Prosecuting Attorney's Office is a member agency. The Task Force communicates on a regular basis with AP Merilee Crockett who was assigned to prosecute the Task Force cases in 2007. The Task Force has worked with every County Prosecuting Attorney's Office in the service area and has a good working relationship with their office staff, respectively. Each State and Federal agencies knows of our abilities at both investigative and forensics levels. Some of the County Prosecutors have sought us out for advice.

When the Task Force has initiated a case and an arrest has been made, the Task Force is involved 100% of the time all the way up to conviction. The Task Force hand delivers all investigations to the prosecutor in the jurisdiction that the suspect is being charged. Each prosecutor is familiar with our operation and knows the lines of communication are open.

The Task Force is not involved in any official outreach efforts at this time. The Task Force works well with all area prosecutors and will consider where the Task Force can improve in this effort.

Goal #3 - Educational Activities

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.

Is the task force involved in outreach efforts to allied professionals throughout the task force service area?   No

Narrative

Jurisdictions - The Task Force serves 7 counties.   The Task Force has worked with the Rainbow House Child Advocacy Center, Boone County Juvenile Office, Burrell Behavior Health, and Department of Family Services (Boone, Randolph, Howard, and Cole Counties). A large majority of the allied professionals know of our existence because we have conducted several presentations over the past 10 years with these various agencies within our service area.

The Task Force is not involved in any official outreach efforts at this time.   The Task Force works well with all area agencies and will consider where the Task Force can improve in this effort.

Goal #4 - Collaboration with Other Agencies

Objective #1.1 - Information Sharing

Does the task force participate in meetings, generate newsletters, or partake in any other information forums to share task force information with the agencies throughout the task force service area?   No

Narrative

When the Task Force was initiated in 2007 the Task Force began working cases and created a foundation. Several years after the Task Force was established the Task Force coordinator coordinated a meeting usually at the beginning of the year with all Task Force investigators. The meeting was to collaborate ideas for goals and a direction each investigator wanted to see the Task Force go.

In 2014, several personnel changes took place in mid-year, and the Task Force stepped away from the meetings. With the new Task Force members, Detective Andy Evans, Detective Cody Bounds, Detective Dustin Heckmaster and SA Sean McDermott, the Task Force can reconsider and collaborate how the Task Force can implement information sharing among the member agencies and distribute information among the associate agencies.

The Task Force is not involved in any official outreach efforts at this time.   The Task Force works well with all area agencies and will consider where the Task Force can improve in this effort.

Goal #4 - Collaboration with Other Agencies

Objective #2.1 - Investment

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

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

Narrative

When the Task Force was initiated in 2007 as the Mid-Missouri Cyber Crimes Task Force, Sheriff Dwayne Carey and Coordinator Detective Anderson worked hard to establish a board and involve other law enforcement agencies in the service area.   After several years the Task Force continued to get push back because all agencies were experiencing staff shortage and lack of revenue both from the Grant and individual agencies. In 2010, the Task Force changed their name to the Boone County Sheriff's Department Cyber Crimes Task Force.

If any unexpected operational or financial matters are needing addressed, Sheriff Carey is notified and a decision is made by Sheriff Carey as necessary after consulting with the Detective unit supervisor, Major Tom Reddin.   During the application process the grant is reviewed by the County Auditor and County Commission. After the grant is awarded, all final approvals of the budget are approved and funds allocated by the County Commission. Furthermore, the Budget Administrator with the Sheriff's Department monitors the grant for purchases and pays for cost granted by the grant. Additional oversight, and final approval is obtained through the Auditor and Treasurer offices.

The Task Force has inquired with Sheriff Carey for a plan to establish a board. Sheriff Carey will approach area law enforcement agencies in our service area about this matter.

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.

Also, the term "resources" includes personnel, currency, equipment, office space, office supplies, etc. In addition, 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.

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

Narrative

Primary agencies

* Boone County Sheriff's Department--1 full time investigator salary and benefits, office space, offices supplies, office equipment, vehicle 100% monetary contribution
* Boone County Prosecuting Attorney's Office - 1 part-time assistant prosecutor salary and benefits, equipment, office space, office supplies, 50% monetary contribution
* University of Missouri Police Department- 1 part-time forensic examiner salary, forensic equipment, office space, office supplies, 50% monetary contribution
* Federal Bureau of Investigations- 1 part-time investigator salary, office space, office supplies, 50% monetary contribution

Associate agencies –

The small municipalities located within Boone County, have limited resources, Task Force has never inquired about a contribution
 * Ashland Police Department, * Centralia Police Department, * Hallsville Police Department, *Sturgeon Police Department-
* Columbia Police Department - Columbia Police Department pulled personnel from the Task Force in 2010 due to Administration choice

The smaller municipalities located outside Boone County, have limited resources, Task Force has never inquired about a contribution
 *Auxvasse Police Department,   * Boonville Police Department,   * Fayette Police Department, * Fulton Police Department,
*Holts Summit Police Department,   * Mexico Department of Public Safety,   * Moberly Police Department
* Jefferson City Police Department - Task Force has never asked for contribution

All county Sheriff's Department in service area have limited resources, Task Force has never inquired about a contribution
*Audrain County Sheriff's Department,   *Callaway County Sheriff's Department ,   *Cole County Sheriff's Department
        *Cooper County Sheriff's Department,   *Howard County Sheriff's Department   *Randolph County Sheriff's Department

Type of Program

Type of Program

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

The Boone County Sheriff's Department Cyber Crimes Task Force is a joint cooperative effort formalizing relationships between and among the participating law enforcement agencies in order to foster an efficient and cohesive unit. The Task Force would like all participating agencies to achieve maximum inter-agency cooperation in a combined law enforcement effort aimed at reducing criminal activity perpetrated though the use of computers, Internet, cellular telephones, and other electronic media against our children of mid-Missouri.

The Task Force serves a 7 county area and currently has 4 criminal justice agencies as primary members and 19 criminal justice agencies as associate members. The Task Force has a web site, bcsdcybercrimes.com, that provides information and resources for families, the community and law enforcement.

Currently, the Task Force is comprised of 3 investigators from the Boone County Sheriff's Department. Salaries for Detective Cody Bounds and Detective Andy Evans are paid for by the grant and Detective Tracy Perkins' agency pays her salary. All equipment and software funded by the grant are used by Perkins, Evans and Bounds. Detective Perkins and Evans handle reactive and proactive investigations. Detective Perkins and Evans have been trained under ICAC IT and UC investigations. Detective Perkins has been trained in several peer to peer detection software programs and works these investigations when possible. Detective Evans focuses on UC investigations through online ads and some chat rooms. In March 2017, Detective Evans attended peer to peer training, and in turn will begin working peer to peer investigations. Detective Bounds handles forensic examinations on cell phones and computer devices. Detective Bounds has been trained in various forensic classes, such as, AccessData Bootcamp, AccessData online 1 year training (11 classes), Cellebrite Mobile Examiner, IACIS certification and NCFI Mobile Investigations.

Furthermore, the Task Force has 1 forensic examiner Detective Dustin Heckmaster, on a part time basis from the University of Missouri Police Department. The University PD has been a member agency with the Task Force since 2007. Detective Heckmaster's salary is paid for by his agency, but all forensic training and software is paid through the grant. Detective Heckmaster has attended NW3C basic cell phone investigations, BDRA and IDRA, AccessData Bootcamp, AccessData online 1 year training (7 classes) and certified Cellebrite Mobile Examiner.

In November 2015, Special Agent Sean McDermott with the Federal Bureau of Investigation was assigned to the Task Force. SA McDermott makes himself available for Task Force search warrants and Task Force investigators assist SA McDermott on Federal search warrants or other matters. The Task Force will occasionally refer State side investigations to the Federal courts. From that point forward SA McDermott will follow up on any other additional information needed to proceed in the Federal court system.

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 cases involving the exploitation of children that originated from a Task Force investigation. A.P Crockett has attended various conferences with Task Force investigators and is very educated and knowledgeable of the information provided in our investigations and forensic reports.

The major focus of this Task Force is to investigate and prosecute Internet crimes committed against children. Investigations may include Internet enticement of children, promoting and possession of child pornography, trafficking of children, human trafficking, cyber bullying, sexting, sextortion, or other crimes perpetrated through the use of computers, Internet, cellular telephones, or other electronic media. These investigations focus on both undercover and complainant driven investigations. Complaints from parents and others are investigated if they contact the Task Force directly or the report was generated through the complainant's local law enforcement.

The Task Force provides forensic examinations of computers, cellular telephones, and other electronic media to law enforcement agencies and prosecuting attorneys among the 7 counties that the Task Force serves. Detective Cody Bounds and Detective Heckmaster have a never ending job.

In addition, investigators assigned to this Task Force participate in public awareness and education programs to educate public and private schools, parent organizations, civic groups, religious organizations, local media, or other group meetings to help educate about the dangers of the Internet and methods to reduce the likelihood of becoming a victim of Internet crime. Furthermore, Task Force investigators provide training to area law enforcement on a variety of issues regarding Internet or computer related investigations and electronic media.

Proposed Service Area

Proposed Service Area

Describe the proposed service area by identifying the following information:

The Cyber Crimes Task Force serves a seven county area in Mid-Missouri. The Task Force provided technical, investigative and forensic assistance to law enforcement agencies and prosecuting attorneys in the counties that are immediately adjacent to Boone County including Audrain, Callaway, Cole, Cooper, Howard and Randolph.

Furthermore, any law enforcement agency or Prosecuting Attorney in the service area may request the Task Force assist with an investigation regarding offenses involving the Internet, computer, or cellular phone media. The Task Force will continue to assist outside our service area when appropriate and requested. According to the 2013 census, the estimated population for the 7 county service area was approximately 370,336 from which over eighty thousand are under eighteen years of age.

Our Task Force is a member of the Missouri Internet Crimes against Children Task Force and as such will assist any other Internet Crimes Task Force located in Missouri or across the United States, as requested.

Primary agencies for this Task Force with signed Memorandum of Understanding:
•Boone County Sheriff's Department
•Boone County Prosecuting Attorney's Office
•University of Missouri Police Department
•Federal Bureau of Investigations

Associate agencies with signed Memorandum of Understanding:
•Ashland Police Department
•Auxvasse Police Department
•Boonville Police Department
•Centralia Police Department
•Columbia Police Department
•Fayette Police Department
•Fulton Police Department
•Hallsville Police Department
•Jefferson City Police Department
•Holts Summit Police Department
•Mexico Department of Public Safety
•Moberly Police Department
•Sturgeon Police Department
•Audrain County Sheriff's Department
•Cole County Sheriff's Department
•Cooper County Sheriff's Department
•Callaway County Sheriff's Department
•Howard County Sheriff's Department
•Randolph County Sheriff's Department

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:

Funding for the recurring costs included in this application end on May 31, 2017 when the 2017 SCCG closed. 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 salaries, equipment, supplies, or training. If money is received through restitution or forfeitures the money will not be used to fund items through the SCCG grant.

In the past years, the Task Force has received some money generated from MO ICAC, restitution and forfeiture money which is reported as program income money. The amounts vary each year and if monies are received the Task Force uses the money for unexpected training, equipment and supplies not covered by the SCCG grant.

Audit Requirements

Date last audit was completed:	June 29, 2016
Date(s) covered by last audit:	January 1, 2015 to December 31, 2015
Last audit performed by:	RubinBrown LLP
Phone number of auditor:	314-290-3300
Date of next audit:	May 2017
Date(s) to be covered by next audit:	January 1, 2016 to December 31, 2016
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:	$1,207,989.00
State Amount:	$2,779,746.00

Required Attachments

Attachment	Description	File Name	File Size	Type
Memorandum of Understanding (MOU)	2017 MOU for Boone County Sheriff's Department Cyber Crimes Task Force	MOU 2017.pdf	98.5 MB	pdf

Other Attachments

File Name	Description	File Size
ADF DEI.pdf	ADF Digital Evidence Investigator	84 KB
Cellebrite Cloud Analyzer.pdf	Cellebrite Cloud Analyzer	121 KB
DeepSpar.pdf	DeepSpar hardware/software	80 KB
FRED computer.pdf	FRED Computer Forensic Workstation	113 KB
Magnet IEF.pdf	Magnet Internet Evidence Finder	80 KB

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:

2018 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.   Yes

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: Dan Atwill

Job Title: Presiding Commisioner

Date: 03/30/2017

CERTIFIED COPY OF ORDER

STATE OF MISSOURI

County of Boone } ea.

March Session of the January Adjourned   Term. 20   17

In the County Commission of said county, on the   30th   **day of**   March   20   17
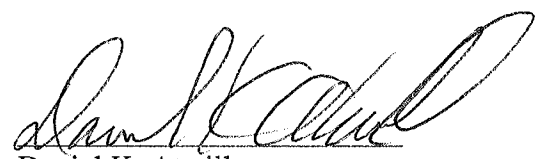
the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby approve the Organizational Use of the Boone County Government Center Chambers by Baha'i Faith Community for April 8, 2017 from 1:30 p.m. to 5:30 p.m.
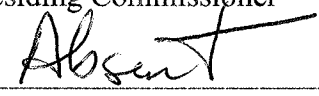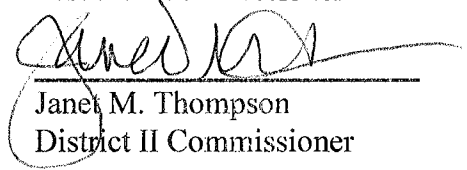
Done this 30th day of March, 2017.

ATTEST:

Wendy S. Noren
Clerk of the County Commission

Daniel K. Atwill
Presiding Commissioner

Absent

Fred J. Parry
District I Commissioner

Janet M. Thompson
District II Commissioner

Daniel K. Atwill, Presiding Commissioner
Karen M. Miller, District I Commissioner
Janet M. Thompson, District II Commissioner

Roger B. Wilson
Boone County Government Center
801 East Walnut, Room 333
Columbia, MO 65201-7732
573-886-4305 • FAX 573-886-4311

Boone County Commission

APPLICATION FOR ORGANIZATIONAL USE OF BOONE COUNTY CONFERENCE ROOMS

The undersigned organization hereby applies for a use permit to use Boone County Government conference rooms as follows:

Organization: Baha'i Faith Community

Address: 205 Blue Sky Ct

City: Columbia State: MO ZIP Code 65203

Phone: 573 445 6853 Website: www.columbiamobahai.org

Individual Requesting Use: Farah Nieuwenhuizen and Rachel Willenberg. Position in Organization: Secretary, and assistant

Facility requested: x☐ Chambers ☐ Room 301 ☐ Room 311 ☐ Room 332 ☐ Centralia Clinic

Event: celebrating a Baha'i holiday

Description of Use (ex. Speaker, meeting, reception): Reflection Gathering

Date(s) of Use: Saturday April 8, 2017

Start Time of Setup: 1:30 pm AM/PM   Start Time of Event: 2:00 pm AM/PM

End Time of Event: 5:00 pm AM/PM   End Time of Cleanup: 5:30pm AM/PM

The undersigned organization agrees to abide by the following terms and conditions in the event this application is approved:
1. To abide by all applicable laws, ordinances and county policies in using Boone County Government conference rooms.
2. To remove all trash or other debris that may be deposited (by participants) in rooms by the organizational use.
3. To repair, replace, or pay for the repair or replacement of damaged property including carpet and furnishings in rooms.
4. To conduct its use in such a manner as to not unreasonably interfere with Boone County Government building functions.
5. To indemnify and hold the County of Boone, its officers, agents and employees, harmless from any and all claims, demands, damages, actions, causes of action or suits of any kind or nature including costs, litigation expenses, attorney fees, judgments, settlements on account of bodily injury or property damage incurred by anyone participating in or attending the organizational use of rooms as specified in this application.

Organization Representative/Title: Rachel Willenberg, Secretary

Phone Number: 573-445-6853   cell 573-673-1626   Date of Application: 3/27/17

Email Address: rachelwillenberg@hotmail.com

Applications may be submitted in person or by mail to the Boone County Commission, 801 E. Walnut, Room 333, Columbia, MO 65201 or by email to commission@boonecountymo.org.

PERMIT FOR ORGANIZATIONAL USE OF BOONE COUNTY GOVERNMENT CONFERENCE ROOMS
The County of Boone hereby grants the above application for permit in accordance with the terms and conditions above written. The above permit is subject to termination for any reason by duly entered order of the Boone County Commission.

ATTEST:

County Clerk

DATE: 3-30-17

BOONE COUNTY, MISSOURI

County Commissioner

Updated 7/17/13