

# CERTIFIED COPY OF ORDER

STATE OF MISSOURI }  
County of Boone } ca.

March Session of the January Adjourned

Term. 20 18

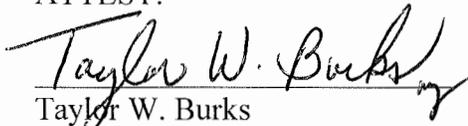
In the County Commission of said county, on the 15th day of March 20 18

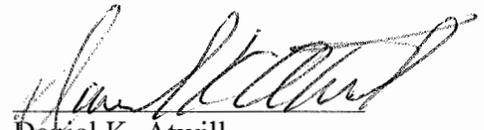
the following, among other proceedings, were had, viz:

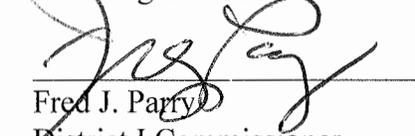
Now on this day the County Commission of the County of Boone does hereby recognize Diversity Awareness Partnership – Columbia on its 3<sup>rd</sup> Anniversary.

Done this 15th day of March, 2018.

ATTEST:

  
Taylor W. Burks  
Clerk of the County Commission

  
Daniel K. Atwill  
Presiding Commissioner

  
Fred J. Parry  
District I Commissioner

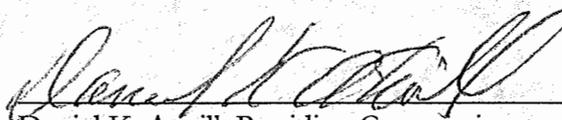
  
Janet M. Thompson  
District II Commissioner

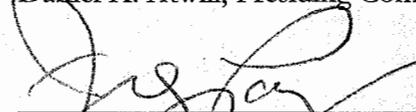
**PROCLAMATION RECOGNIZING  
DIVERSITY AWARENESS PARTNERSHIP – COLUMBIA  
ON ITS 3<sup>RD</sup> ANNIVERSARY**

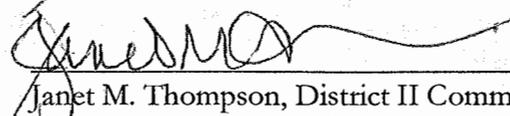
- Whereas,* Diversity Awareness Partnership, DAP, is a catalyst to increase awareness, facilitate engagement and provide education about diversity and inclusion; and
- Whereas,* DAP began serving the Columbia and Boone County community in March of 2015, after having established itself in St. Louis in 2001; and
- Whereas,* DAP's vision is inclusive communities where diversity is respected and embraced and equity is the norm; and
- Whereas,* DAP achieves its mission through three pillars of impact to the community: training and education, youth programs and awareness initiatives ; and
- Whereas,* DAP addresses the three pillars of impact to the community through programs such as Diversity and Inclusion Training; Networking Hours; The Annual Diversity Dinner; Community Forums; and Awareness Campaigns and Publications; and
- Whereas,* DAP – Columbia began with two corporate sponsors, Veterans United Home Loans and Shelter Insurance, and has since grown to include eight corporate sponsors: Veterans United Home Loans; Shelter Insurance; Commerce Bank; Central Bank of Boone County; University of Missouri System; MU Division of Inclusion, Diversity and Equity; Columbia Chamber of Commerce; and the City of Columbia; and
- Whereas,* since opening its doors, DAP has reached over 10,000 community members in Columbia through programs and training; and
- Therefore,* the Boone County Commission does hereby recognize Diversity Awareness Partnership – Columbia on its third anniversary for its hard work and dedication to create in our community an environment of awareness, inclusiveness, respect and equality.

IN TESTIMONY WHEREOF, this 15th day of March, 2018.



  
\_\_\_\_\_  
Daniel K. Atwill, Presiding Commissioner

  
\_\_\_\_\_  
Fred J. Parry, District I Commissioner

  
\_\_\_\_\_  
Janet M. Thompson, District II Commissioner

ATTEST:

  
\_\_\_\_\_  
Taylor W. Burks, County Clerk

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In the County Commission of said county, on the 15th day of March 20 18

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

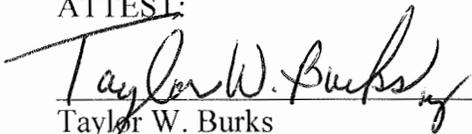
Now on this day the County Commission of the County of Boone does hereby approve the utilization of the Missouri Department of Transportation Cooperative Contract 3-140214RJ to purchase two (2) Dump Trucks with Henderson Snow Plow Hitches from Truck Centers, Inc. of Troy, IL and dispose of the following surplus:

- 2008 International Workstar Dump Truck with New Engine, Asset Tags 19731 and 20560
- 2009 International Workstar Dump Truck, Asset Tag 16684

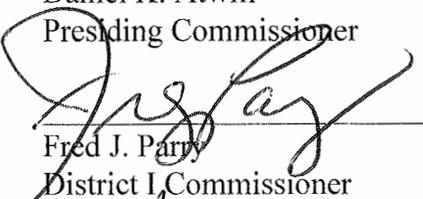
The terms of the Cooperative Contract are stipulated in the attached Purchase Agreement. It is further ordered the Presiding Commissioner is hereby authorized to sign said Purchase Agreement and Request for Disposal forms.

Done this 15th day of March, 2018

ATTEST:

  
Taylor W. Burks  
Clerk of the County Commission

  
Daniel K. Atwill  
Presiding Commissioner

  
Fred J. Parry  
District I Commissioner

  
Janet M. Thompson  
District II Commissioner

# BOONE COUNTY

## Request for Disposal/Transfer of County Property

*Complete, sign, and return to Auditor's Office*

Date: 01-16-2018 Fixed Asset Tag Number: 19731 + 20560

Description of Asset: 2008 International Workstar 7600 6X4 Dump Truck + New Engine

Requested Means of Disposal:  Sell  Trade-In  Recycle/Trash  Other, Explain:

Other Information (Serial number, etc.): VIN: 1HTWXAHT48J647827; Mileage: 370,000

Condition of Asset: Fair

Reason for Disposition: Unit at end of useful life - planned replacement.

Location of Asset and Desired Date for Removal to Storage:

**RECEIVED**

FEB 09 2018

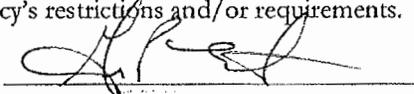
**BOONE COUNTY AUDITOR**

Was asset purchased with grant funding?  YES  NO

If "YES", does the grant impose restriction and/or requirements pertaining to disposal?  YES  NO

If yes, attach documentation demonstrating compliance with the agency's restrictions and/or requirements.

Dept Number & Name: 2040 Public Works Maintenance

Signature 

**To be Completed by: AUDITOR**

Original Acquisition Date 12-31-07/8-18-16

G/L Account for Proceeds 2040-3835 HQ

Original Acquisition Amount ~~\$122,817.00~~ / \$32,627.06

Original Funding Source 2741

Account Group 1605

**To be Completed by: COUNTY COMMISSION / COUNTY CLERK**

Approved Disposal Method:

\_\_\_\_ Transfer Department Name \_\_\_\_\_ Number \_\_\_\_\_

Location within Department \_\_\_\_\_

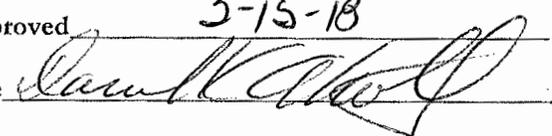
Individual \_\_\_\_\_

\_\_\_\_ Trade \_\_\_\_\_ Auction \_\_\_\_\_ Sealed Bids

\_\_\_\_ Other Explain \_\_\_\_\_

Commission Order Number 138 2018

Date Approved 3-15-18

Signature 

CAPITAL

# BOONE COUNTY

## Request for Disposal/Transfer of County Property

Complete, sign, and return to Auditor's Office

Date: 01-16-2018

Fixed Asset Tag Number: 16684

Description of Asset: 2009 International Workstar 7600 6X4 Dump Truck

Requested Means of Disposal:  Sell  Trade-In  Recycle/Trash  Other, Explain:

Other Information (Serial number, etc.): VIN: 1HTWXAHT89J082029; Mileage: 228,000

Condition of Asset: Fair

Reason for Disposition: Unit at end of useful life - planned replacement.

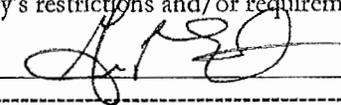
Location of Asset and Desired Date for Removal to Storage:

Was asset purchased with grant funding?  YES  NO

If "YES", does the grant impose restriction and/or requirements pertaining to disposal?  YES  NO

If yes, attach documentation demonstrating compliance with the agency's restrictions and/or requirements.

Dept Number & Name: 2040 Public Works Maintenance

Signature 

**To be Completed by: AUDITOR**

Original Acquisition Date 9-30-08

G/L Account for Proceeds 2040-38354A

Original Acquisition Amount \$128,198.00

Original Funding Source 2741

Account Group 1005

**To be Completed by: COUNTY COMMISSION / COUNTY CLERK**

Approved Disposal Method:

Transfer Department Name \_\_\_\_\_ Number \_\_\_\_\_

Location within Department \_\_\_\_\_

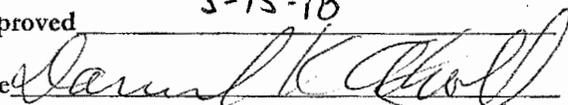
Individual \_\_\_\_\_

Trade  Auction  Sealed Bids

Other Explain \_\_\_\_\_

Commission Order Number 138-2018

Date Approved 3-15-18

Signature 

**RECEIVED**

FEB 09 2018

**BOONE COUNTY AUDITOR**

138-2018

# Boone County Purchasing

**Melinda Bobbitt, CPPO**  
Director of Purchasing



613 E. Ash Street, Room 110  
Columbia, MO 65201  
Phone: (573) 886-4391  
Fax: (573) 886-4390

---

## MEMORANDUM

TO: Boone County Commission  
FROM: Melinda Bobbitt, CPPPO, CPPB  
DATE: March 5, 2018  
RE: Cooperative Contract: 3-140214RJ – Dump Trucks

Public Works requests permission to utilize the Missouri Department of Transportation cooperative contract 3-140214RJ to purchase two (2) Dump Trucks with Henderson Snow Plow Hitches from Truck Centers, Inc. of Troy, Illinois.

Total cost of contract is \$329,160.00 and will be paid from department 2040 – PW Maintenance Operations, account 92400 – Replacement Auto / Trucks. \$322,000.00 was budgeted in 2040-92400. Per Greg Edington, the difference will be paid from savings in 2040-92300.

The Purchasing Department requests permission to dispose of the following surplus:  
2008 International Workstar Dump Truck with New Engine, fixed asset tags 19731 and 20560  
2009 International Workstar Dump Truck, fixed asset tag 16684

Attached are the Disposal Forms for signature.

cc: Greg Edington, PW  
Contract File

**PURCHASE AGREEMENT  
FOR**

**(2) 2019 Freightliner 114SD Cab and Chassis Dump Trucks with Warranty  
for Boone County Public Works**

**THIS AGREEMENT** dated the 15<sup>th</sup> day of March 2018 is made between Boone County, Missouri, a political subdivision of the State of Missouri through the Boone County Commission, herein "County" and **Truck Centers, Inc.** herein "Vendor."

**IN CONSIDERATION** of the parties performance of the respective obligations contained herein, the parties agree as follows:

1. **Contract Documents** - This agreement shall consist of this Purchase Agreement for two (2) 2019 Freightliner 114SD Cab and Chassis Dump Trucks with warranty and mounted with Henderson Snow Plow Hitches in compliance with all bid specifications and any addendum issued for the Missouri Department of Transportation Contract **3-140214RJ**, Ron Donze quote dated December 29, 2017, Henderson quote dated December 11, 2017 and Boone County Standard Terms and Conditions. All such documents shall constitute the contract documents which are incorporated herein by reference. Service or product data, specification and literature submitted with bid response may be permanently maintained in the County Purchasing Office contract file for this contract if not attached. In the event of conflict between any of the foregoing documents, this Purchase Agreement, the Missouri Department of Transportation Contract **3-140214RJ** and Boone County Standard Terms and Conditions shall prevail and control over the vendor's bid response.

2. **Purchase** - The County agrees to purchase from the Vendor and the Vendor agrees to supply the County with **two (2)** of the following per the attached quotes:

	<u>Unit Cost</u>	<u>Qty.</u>	<u>Total</u>
2019 Freightliner 114SD Cab and Chassis Dump Truck	\$105,194.00	2	\$210,388.00
Extended Warranty	\$4,586.00	2	\$9,172.00
Body Equipment from Henderson (Snow Plow Hitch)	\$54,800.00	2	\$109,680.00
<b>GRAND TOTAL</b>	<b>\$164,580.00</b>	<b>2</b>	<b>\$329,160.00</b>

3. **Delivery** - Vendor agrees to deliver vehicles as set forth in the bid documents and within 180 calendar days after receipt of order. Deliver to Boone County Public Works, Attn: Greg Edington, 5551 Tom Bass Road South, Columbia, MO 65201. Phone: (573) 449-8515.

4. **Title** – Title in the name of: Boone County Public Works. Address: 613 E. Ash Street, Room 110, Columbia, MO 65201.

5. **Billing and Payment** - All billing shall be invoiced to the Boone County Public Works and billings may only include the prices listed in the vendor's bid response. No additional fees for paper work processing, labor, or taxes shall be included as additional charges in excess of the charges in the Vendor's bid response to the specifications. The County agrees to pay all invoices within thirty days of receipt. In the event of a billing dispute, the County reserves the right to withhold payment on the disputed amount; in the event the billing dispute is resolved in favor of the Vendor, the County agrees to pay interest at a

rate of 9% per annum on disputed amounts withheld commencing from the last date that payment was due.

6. **Binding Effect** - This agreement shall be binding upon the parties hereto and their successors and assigns for so long as this agreement remains in full force and effect.

7. **Termination** - This agreement may be terminated by the County upon thirty days advance written notice for any of the following reasons or under any of the following circumstances:

- a. County may terminate this agreement due to material breach of any term or condition of this agreement, or
- b. County may terminate this agreement if in the opinion of the Boone County Commission if delivery of products are delayed or products delivered are not in conformity with bidding specifications or variances authorized by County, or
- c. If appropriations are not made available and budgeted for any calendar year.

**IN WITNESS WHEREOF** the parties through their duly authorized representatives have executed this agreement on the day and year first above written.

**TRUCK CENTERS, INC.**

by Michael J. Yates  
title President

**BOONE COUNTY, MISSOURI**

by: Boone County Commission  
Daniel K. Atwill  
Daniel K. Atwill, Presiding Commissioner

APPROVED AS TO FORM:

[Signature]  
County Counselor

ATTEST:

Taylor W. Burks  
Taylor W. Burks, County Clerk

**AUDITOR CERTIFICATION**

In accordance with RSMo 50.660, I hereby certify that a sufficient unencumbered appropriation balance exists and is available to satisfy the obligation(s) arising from this contract. (Note: Certification of this contract is not required if the terms of this contract do not create a measurable county obligation at this time.)

June E. Pitchford  
Signature by [initials]

3/7/18  
Date

2040-92400 - \$329,160.00  
Appropriation Account

## **STANDARD CONTRACT TERMS AND CONDITIONS - BOONE COUNTY, MISSOURI**

1. Contractor shall comply with all applicable federal, state, and local laws and failure to do so, in County's sole discretion, shall give County the right to terminate this Contract.
2. Prices shall include all charges for packing, delivery, installation, etc., (unless otherwise specified) to the Boone County Department.
3. The Boone County Commission has the right to accept or reject any part or parts of all bids, to waive technicalities, and to accept the offer the County Commission considers the most advantageous to the County. Boone County reserves the right to award this bid on an item-by-item basis, or an "all or none" basis, whichever is in the best interest of the County. The Purchasing Director reserves the right, when only one bid has been received by the bid closing date, to delay the opening of bids to another date and time in order to revise specifications and/or establish further competition for the commodity or service required. The one (1) bid received will be retained unopened until the new Closing date, or at request of bidder, returned unopened for re-submittal at the new date and time of bid closing.
4. When products or materials of any particular producer or manufacturer are mentioned in our contracts, such products or materials are intended to be descriptive of type or quality and not restricted to those mentioned.
5. Do not include Federal Excise Tax or Sales and Use Taxes in billing, as law exempts the County from them.
6. The delivery date shall be stated in definite terms.
7. The County Commission reserves the right to cancel all or any part of orders if delivery is not made or work is not started as guaranteed. In case of delay, the Contractor must notify the Purchasing Department.
8. In case of default by the Contractor, the County of Boone will procure the articles or services from other sources and hold the Contractor responsible for any excess cost occasioned thereby.
9. Failure to deliver as guaranteed may disqualify Contractor from future bidding.
10. Prices must be as stated in units of quantity specified, and must be firm.
11. The County of Boone, Missouri expressly denies responsibility for, or ownership of any item purchased until same is delivered to the County and is accepted by the County.
12. The County reserves the right to award to one or multiple respondents. The County also reserves the right to not award any item or group of items if the services can be obtained from a state or other governmental entities contract under more favorable terms.
13. The County, from time to time, uses federal grant funds for the procurement of goods and services. Accordingly, the provider of goods and/or services shall comply with federal

laws, rules and regulations applicable to the funds used by the County for said procurement, and contract clauses required by the federal government in such circumstances are incorporated herein by reference. These clauses can generally be found in the Federal Transit Administration's Best Practices Procurement Manual – Appendix A. Any questions regarding the applicability of federal clauses to a particular bid should be directed to the Purchasing Department prior to bid opening.

14. In the event of a discrepancy between a unit price and an extended line item price, the unit price shall govern.
15. Should an audit of Contractor's invoices during the term of the Agreement, and any renewals thereof, indicate that the County has remitted payment on invoices that constitute an over-charging to the County above the pricing terms agreed to herein, the Contractor shall issue a refund check to the County for any over-charges within 30-days of being notified of the same.
16. **For all titled vehicles and equipment the dealer must use the actual delivery date to the County** on all transfer documents including the Certificate of Origin (COO,) Manufacturer's Statement of Origin (MSO,) Bill of Sale (BOS,) and Application for Title.
17. **Equipment and serial and model numbers** - The contractor is strongly encouraged to include equipment serial and model numbers for all amounts invoiced to the County. If equipment serial and model numbers are not provided on the face of the invoice, such information may be required by the County before issuing payment.

## Ron Donze

---

**From:** Ron Donze  
**Sent:** Tuesday, December 19, 2017 6:06 PM  
**To:** GEdington@boonecountymo.org  
**Cc:** Timothy Bruemmer; Ron Donze  
**Subject:** Mo Dot Chassis spec  
**Attachments:** missouri 18 boone county spec.docx

Attached is the same chassis spec as previously furnished but with the addition of "wing dash" and batteries located under the cab left side.

### 2019 Freightliner 114SD Chassis

Cab and Chassis	Net Price	\$105,194.00
Warranty (as listed)		4,586.00
<b>TOTAL</b>	<b>TOTAL</b>	<b>\$109,780.00</b>

FET is not included

Please let me know if any changes are needed.

Ron Donze  
Sales Executive  
Truck Centers, Inc.  
2280 Formosa Road  
Troy, IL 62294  
P: 618-667-3454  
C: 314-791-1804  
TF: 800-669-3454  
F: 618-667-6874  
rdonze@truckcentersinc.com

Prepared for:  
 CONTRACT # 3-14021RJ CON #3-  
 140214RJ  
 MISSOURI DEPARTMENT OF  
 TRANSPORTATION  
 1320 CREEK TRAIL DRIVE  
 JEFFERSON CITY, MO 65109  
 Phone: 573 751 2551

Prepared by:  
 Ron Donze  
 TRUCK CENTERS, INC.  
 2280 FORMOSA RD.  
 TROY, IL 62294  
 Phone: 618-667-3454

## S P E C I F I C A T I O N   P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
<b>Price Level</b>				
PRL-17D	SD PRL-17D (EFF:11/14/17)			STD
<b>Data Version</b>				
DRL-005	SPECPRO21 DATA RELEASE VER 005			N/C
<b>Vehicle Configuration</b>				
001-177	114SD CONVENTIONAL CHASSIS	7,969	6,576	\$154,920.00
004-219	2019 MODEL YEAR SPECIFIED			N/C
002-003	SET FORWARD AXLE - TRUCK			STD
019-001	TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10	\$1,235.00
003-001	LH PRIMARY STEERING LOCATION			STD
<b>General Service</b>				
AA1-003	TRUCK/TRAILER CONFIGURATION			N/C
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)			N/C
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE			N/C
A84-1GM	GOVERNMENT BUSINESS SEGMENT			N/C
AA4-010	DIRT/SAND/ROCK COMMODITY			N/C
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-1AD	FREIGHTLINER LEVEL I WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 18000.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs			



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Data Code	Description	Weight Front	Weight Rear	Retail Price
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 58000.0 lbs			
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs			
<b>Truck Service</b>				
AA3-018	FRONT PLOW/END DUMP BODY			N/C
AF3-2B1	VIKING-CIVES MIDWEST			N/C
<b>Tractor Service</b>				
AA2-005	FLATBED TRAILER			N/C
AH6-001	SINGLE (1) TRAILER			N/C
<b>Engine</b>				
101-2X5	DETROIT DD13 12.8L 410 HP @ 1625 RPM, 1900 GOV RPM, 1450 LB/FT @ 975 RPM			\$570.00
<b>Electronic Parameters</b>				
79A-074	74 MPH ROAD SPEED LIMIT			N/C
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT			N/C
79G-006	5 MINUTES IDLE SHUTDOWN WITH CLUTCH AND SERVICE BRAKE OVERRIDE			N/C
79K-001	PTO MODE ENGINE RPM LIMIT - 600 RPM			N/C
79M-001	PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED			N/C
79P-001	PTO RPM WITH CRUISE SET SWITCH - 600 RPM			N/C
79Q-001	PTO RPM WITH CRUISE RESUME SWITCH - 600 RPM			N/C
79S-001	PTO MODE CANCEL VEHICLE SPEED - 5 MPH			N/C
79T-001	PTO MODE RPM INCREMENT - 25 RPM			N/C
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND			N/C
79W-001	ONE REMOTE PTO SPEED			N/C
79X-008	REMOTE PTO SPEED 1 SETTING - 1100 RPM			N/C
80D-001	SOFT CRUISE CONTROL ENABLED			N/C
80G-001	PTO MINIMUM RPM - 600			N/C
<b>Engine Equipment</b>				
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION			STD
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)			\$109.00



Prepared for:  
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 140214RJ  
 MISSOURI DEPARTMENT OF  
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Prepared by:  
 Ron Donze  
 TRUCK CENTERS, INC.  
 2280 FORMOSA RD.  
 TROY, IL 62294  
 Phone: 618-667-3454

Data Code	Description	Weight Front	Weight Rear	Retail Price
13E-001	STANDARD OIL PAN			STD
105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
014-108	SIDE OF HOOD AIR INTAKE WITH FIREWALL MOUNTED DONALDSON AIR CLEANER WITH SAFETY ELEMENT AND INSIDE/OUTSIDE AIR WITH SNOW DOOR	10		\$562.00
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
292-071	(3) ALLIANCE MODEL 1231, GROUP 31, 12 VOLT MAINTENANCE FREE 3375 CCA THREADED STUD BATTERIES			STD
290-017	BATTERY BOX FRAME MOUNTED			STD
281-001	STANDARD BATTERY JUMPERS			STD
282-001	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE UNDER CAB			\$18.00
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-001	NON-POLISHED BATTERY BOX COVER			STD
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8		\$230.00
107-044	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE			STD
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD
128-002	JACOBS COMPRESSION BRAKE			STD
016-1C2	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25	\$823.00
28F-002	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH			STD
239-026	10 FOOT 06 INCH (126 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT			(\$4.00)
237-1CR	RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP			N/C
23U-002	13 GALLON DIESEL EXHAUST FLUID TANK			STD
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			STD
23Y-001	STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING			STD
43X-002	LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION			STD



Prepared for:  
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 140214RJ  
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 TRANSPORTATION  
 1320 CREEK TRAIL DRIVE  
 JEFFERSON CITY, MO 65109  
 Phone: 573 751 2551

Prepared by:  
 Ron Donze  
 TRUCK CENTERS, INC.  
 2280 FORMOSA RD.  
 TROY, IL 62294  
 Phone: 618-667-3454

Data Code	Description	Weight Front	Weight Rear	Retail Price
43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP			STD
242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD			\$48.00
273-036	BORG WARNER (KYSOR) REAR AIR ON/OFF ENGINE FAN CLUTCH			STD
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-068	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-FUEL INDICATOR			STD
118-001	FULL FLOW OIL FILTER			STD
266-057	1500 SQUARE INCH ALUMINUM RADIATOR			STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES			STD
270-023	HDEP FIXED RATIO COOLANT PUMP AND RADIATOR DRAIN VALVE			STD
138-005	PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER	4		\$113.00
140-053	BLACK PLASTIC ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			N/C
155-075	MITSUBISHI 12V MOD 3.175-DP60 STARTER WITH INTEGRATED MAGNETIC SWITCH			STD

#### Transmission

342-1M3	ALLISON 4500 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	260	100	\$13,178.00
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#### Transmission Equipment

343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV			STD
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES			N/C
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
84E-013	S1 PERFORMANCE PRIMARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			N/C
84F-012	S1 PERFORMANCE SECONDARY SHIFT SCHEDULE, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY			N/C
84G-009	1800 RPM PRIMARY MODE SHIFT SPEED			N/C
84H-009	1800 RPM SECONDARY MODE SHIFT SPEED			N/C
84L-000	LOAD BASED SHIFT SCHEDULE AND VEHICLE ACCELERATION CONTROL RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED VOCATIONAL USAGE			STD
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES			STD
353-023	VEHICLE INTERFACE WIRING CONNECTOR WITHOUT BLUNT CUTS, AT END OF FRAME			\$53.00
34C-001	ELECTRONIC TRANSMISSION CUSTOMER ACCESS CONNECTOR FIREWALL MOUNTED			\$25.00
362-035	CUSTOMER INSTALLED CHELSEA 277 SERIES PTO			N/C
363-001	PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION			N/C
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN			STD
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED			STD
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013			STD
370-011	WATER TO OIL TRANSMISSION COOLER, FRAME MOUNTED			STD
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK			STD
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)			STD

**Front Axle and Equipment**

400-1BA	DETROIT DA-F-18.0-5 18,000# FL1 71.0 KPI/3.74 DROP SINGLE FRONT AXLE	210		\$2,253.00
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES	10		N/C
403-002	NON-ASBESTOS FRONT BRAKE LINING			STD
419-023	CONMET CAST IRON FRONT BRAKE DRUMS			STD
409-006	FRONT OIL SEALS			STD



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408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-003	HALDEX AUTOMATIC FRONT SLACK ADJUSTERS			\$51.00
406-001	STANDARD KING PIN BUSHINGS			STD
536-055	TRW THP-60 POWER STEERING WITH RCH45 AUXILIARY GEAR	130		\$1,129.00
539-003	POWER STEERING PUMP			STD
534-003	4 QUART POWER STEERING RESERVOIR			N/C
533-001	OIL/AIR POWER STEERING COOLER			N/C
40T-001	ORGANIC SAE 80/90 FRONT AXLE LUBE			STD
<b>Front Suspension</b>				
620-013	18,000# TAPERLEAF FRONT SUSPENSION	200		\$1,428.00
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
410-001	FRONT SHOCK ABSORBERS			STD
<b>Rear Axle and Equipment</b>				
420-1K3	MT-40-14X 40,000# R-SERIES TANDEM REAR AXLE		-40	\$461.00
421-433	4.33 REAR AXLE RATIO			\$147.00
424-003	IRON REAR AXLE CARRIER WITH OPTIONAL HEAVY DUTY AXLE HOUSING		40	\$98.00
386-074	MXL 176T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES	25	25	\$493.00
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES			STD
452-005	DRIVER CONTROLLED TRACTION DIFFERENTIAL - REAR MOST TANDEM/TRIDEM REAR AXLE		20	\$661.00
878-021	(1) INTERAXLE LOCK VALVE AND (1) DRIVER CONTROLLED DIFFERENTIAL LOCK REAR-REAR AXLE VALVE			N/C
87A-001	BLINKING LAMP WITH EACH INTERAXLE LOCK SWITCH, INTERAXLE UNLOCK DEFAULT WITH IGNITION OFF			STD
87B-004	BLINKING LAMP WITH EACH MODE SWITCH, DIFFERENTIAL UNLOCK WITH IGNITION OFF, ACTIVE <5 MPH			N/C
423-019	MERITOR 16.5X8.62 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES			\$343.00



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433-002	NON-ASBESTOS REAR BRAKE LINING			STD
434-011	BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)			N/C
451-023	CONMET CAST IRON REAR BRAKE DRUMS			STD
440-006	REAR OIL SEALS			STD
426-1B3	BENDIX EVERSURE LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS			\$44.00
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS			\$110.00
41T-001	ORGANIC SAE 80/90 REAR AXLE LUBE			STD
42T-001	STANDARD REAR AXLE BREATHER(S)			STD
<b>Rear Suspension</b>				
622-1A0	TUFTRAC 40,000# REAR SPRING SUSPENSION		360	\$3,111.00
621-055	TUFTRAC STANDARD RIDE HEIGHT			N/C
431-003	AXLE CLAMPING GROUP			N/C
624-009	54 INCH AXLE SPACING			N/C
623-006	FORE/AFT AND TRANSVERSE CONTROL RODS			N/C
439-002	REAR SHOCK ABSORBERS - TWO AXLES (TANDEM)		40	\$157.00
<b>Brake System</b>				
490-101	WABCO 4S/4M ABS WITH TRACTION CONTROL			\$124.00
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-001	STANDARD BRAKE SYSTEM VALVES			STD
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM			STD
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-086	BW AD-9SI BRAKE LINE AIR DRYER WITH HEATER			N/C
483-003	BENDIX OIL COALESCING FILTER FOR AIR DRYER			\$19.00
479-015	AIR DRYER FRAME MOUNTED			STD
460-001	STEEL AIR BRAKE RESERVOIRS			STD
607-007	CLEAR FRAME RAILS 36 INCHES FROM BACK OF CAB INSIDE/OUTBOARD/BELOW BOTH FRAME RAILS			\$63.00
477-016	BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER TO WET TANK; DRAIN VALVE CABLES ON ALL OTHER TANKS			\$31.00



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<b>Trailer Connections</b>				
914-001	AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS			N/C
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION			N/C
297-001	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME			N/C
335-004	UPGRADED CHASSIS MULTIPLEXING UNIT			STD
<b>Wheelbase &amp; Frame</b>				
545-580	5800MM (228 INCH) WHEELBASE			N/C
546-101	11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8MM/0.344X10.94 INCH) 120KSI	210	70	\$950.00
547-001	1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT	175	395	\$1,452.00
548-803	BODY COMPANY INSTALLED ADDITIONAL FRONT FRAME REINFORCEMENT FOR SNOW PLOW			N/C
552-014	1900MM (75 INCH) REAR FRAME OVERHANG			N/C
55W-007	FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-30	120	N/C
549-002	24 INCH INTEGRAL FRONT FRAME EXTENSION	115	-20	\$500.00
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 144.54 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 141.54 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 354.69			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 144.54 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 65.55 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 112.62 in			N/C
553-001	SQUARE END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-001	STANDARD WEIGHT ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REAR MOST CROSSMEMBER			STD
565-002	HEAVY DUTY SUSPENSION CROSSMEMBER		30	N/C
<b>Chassis Equipment</b>				



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	556-997	OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203	-100		(\$292.00)
N	558-001	FRONT TOW HOOKS - FRAME MOUNTED	15		\$95.00
	551-007	GRADE 8 THREADED HEX HEADED FRAME FASTENERS			STD
<b>Fuel Tanks</b>					
	204-154	80 GALLON/302 LITER ALUMINUM FUEL TANK - LH	10		\$148.00
	218-006	25 INCH DIAMETER FUEL TANK(S)			STD
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS			STD
	212-007	FUEL TANK(S) FORWARD			STD
	664-001	PLAIN STEP FINISH			STD
	205-001	FUEL TANK CAP(S)			STD
	216-020	EQUIFLO INBOARD FUEL SYSTEM			STD
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE			STD
<b>Tires</b>					
	093-1RJ	MICHELIN X WORKS Z 315/80R22.5 20 PLY RADIAL FRONT TIRES	100		\$532.00
	094-1UY	MICHELIN X MULTI D 11R22.5 16 PLY RADIAL REAR TIRES (NORTH AMERICAN ONLY)		120	\$104.00
<b>Hubs</b>					
	418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS			STD
	450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS			STD
<b>Wheels</b>					
	502-433	ACCURIDE 29039 22.5X9.00 10-HUB PILOT 5.25 INSET 5-HAND STEEL DISC FRONT WHEELS	66		\$182.00
	505-428	ACCURIDE 28828 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS		104	STD
<b>Cab Exterior</b>					
	829-1A2	114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB			STD
	650-008	AIR CAB MOUNTING			STD
	648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			STD
	667-001	FRONT FENDERS			STD



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754-002	3-1/2 INCH FENDER EXTENSIONS	15		\$192.00
678-001	LH AND RH GRAB HANDLES			STD
645-002	BRIGHT FINISH RADIATOR SHELL/HOOD BEZEL			\$221.00
646-042	STATIONARY BLACK GRILLE WITH BRIGHT ACCENTS			\$66.00
65X-003	CHROME HOOD MOUNTED AIR INTAKE GRILLE			\$15.00
644-004	FIBERGLASS HOOD			STD
727-1AH	SINGLE 14 INCH ROUND POLISHED AIR HORN ROOF MOUNTED			STD
726-001	SINGLE ELECTRIC HORN			STD
728-001	SINGLE HORN SHIELD			STD
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME			STD
575-001	REAR LICENSE PLATE MOUNT END OF FRAME			STD
327-012	SWITCH, INDICATOR LIGHT AND WIRING FOR (2) CUSTOMER FURNISHED BEACONS			\$53.00
312-067	HALOGEN COMPOSITE HEADLAMPS WITH BRIGHT BEZELS			N/C
302-047	LED AERODYNAMIC MARKER LIGHTS			\$34.00
294-017	INTEGRAL STOP/TAIL/BACKUP LIGHTS WITH 7 EXTRA FEET OF WIRE MOUNTED AT END OF FRAME			\$15.00
300-015	STANDARD FRONT TURN SIGNAL LAMPS			STD
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE			\$286.00
797-001	DOOR MOUNTED MIRRORS			STD
796-001	102 INCH EQUIPMENT WIDTH			STD
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS			N/C
729-001	STANDARD SIDE/REAR REFLECTORS			STD
677-053	RH AFTERTREATMENT SYSTEM CAB ACCESS WITH STEEL SHIELDING			STD
275-061	ELECTRIC HORN WARNING SYSTEM FOR PARK BRAKE NOT SET WITH DOOR OPEN AND ALL IGNITION KEY POSITIONS			\$9.00
768-043	63X14 INCH TINTED REAR WINDOW			STD
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS			STD
654-003	MANUAL DOOR WINDOW REGULATORS			STD
663-013	TINTED WINDSHIELD			STD



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659-006	8 LITER WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITH FLUID LEVEL INDICATOR			\$15.00
<b>Cab Interior</b>				
707-1AK	OPAL GRAY VINYL INTERIOR			STD
706-026	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR			\$25.00
708-026	MOLDED PLASTIC DOOR PANEL WITHOUT VINYL INSERT WITH ALUMINUM KICKPLATE LOWER DOOR			\$25.00
772-006	BLACK MATS WITH SINGLE INSULATION			STD
785-004	DASH MOUNTED ASH TRAY(S) WITHOUT LIGHTER			STD
691-008	FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING			STD
696-012	CENTER STORAGE CONSOLE MOUNTED ON BACKWALL	20		\$26.00
742-007	(2) CUP HOLDERS LH AND RH DASH			STD
680-007	GRAY/CHARCOAL WING DASH			STD
860-004	SMART SWITCH EXPANSION MODULE			\$206.00
720-002	2-1/2 L.B. FIRE EXTINGUISHER	5		\$39.00
700-002	HEATER, DEFROSTER AND AIR CONDITIONER			STD
701-001	STANDARD HVAC DUCTING			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-015	STANDARD HEATER PLUMBING			STD
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR			STD
702-002	BINARY CONTROL, R-134A			STD
739-033	STANDARD INSULATION			STD
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-011	DOME DOOR ACTIVATED LH AND RH, DUAL READING LIGHTS, FORWARD CAB ROOF			\$63.00
655-001	CAB DOOR LATCHES WITH MANUAL DOOR LOCKS			STD
284-045	(2) 12 VOLT POWER RECEPTACLES MOUNTED IN DASH			\$19.00
722-002	TRIANGULAR REFLECTORS WITHOUT FLARES	10		\$24.00



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756-1D9	PREMIUM HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 3 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT, ADJUSTABLE SHOCK ABSORBER	70		\$414.00
760-1D9	PREMIUM HIGH BACK AIR SUSPENSION PASSENGER SEAT WITH 3 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT, ADJUSTABLE SHOCK ABSORBER	60	20	\$451.00
759-006	DUAL DRIVER SEAT ARMRESTS AND INBOARD PASSENGER SEAT ARMREST	6		\$104.00
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS			STD
758-022	BLACK MORDURA CLOTH DRIVER SEAT COVER			\$25.00
761-023	BLACK MORDURA CLOTH PASSENGER SEAT COVER			\$25.00
763-101	BLACK SEAT BELTS			STD
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10		\$478.00
540-015	4-SPOKE 18 INCH (450MM) STEERING WHEEL			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD

#### Instruments & Controls

732-004	GRAY DRIVER INSTRUMENT PANEL			STD
734-004	GRAY CENTER INSTRUMENT PANEL			STD
87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK			N/C
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-002	2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES			STD
198-003	DASH MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS			\$40.00
149-017	ELECTRONIC CRUISE CONTROL WITH SWITCHES ON AUXILIARY GAUGE PANEL (B DASH PANEL)			STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-042	ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED			STD



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160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH			STD
844-001	2 INCH ELECTRIC FUEL GAUGE			STD
845-011	FUEL FILTER RESTRICTION INDICATOR			STD
148-073	ENGINE REMOTE INTERFACE FOR REMOTE THROTTLE			\$286.00
163-001	ENGINE REMOTE INTERFACE CONNECTOR AT BACK OF CAB			N/C
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE			STD
* 867-019	INSIDE OUTSIDE TEMP GAUGE			\$90.00
830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD
372-051	CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS			N/C
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
679-001	OVERHEAD INSTRUMENT PANEL			\$76.00
746-115	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH AND USB AND AUXILIARY INPUTS, J1939	10		\$398.00
747-001	DASH MOUNTED RADIO			N/C
750-002	(2) RADIO SPEAKERS IN CAB			N/C
748-009	POWER AND GROUND STUDS IN DASH PLUS ROOF CONSOLE WIRING			\$35.00
749-001	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION			\$76.00
752-017	MULTI-BAND AM/FM/WB/CB LH MIRROR MOUNTED ANTENNA SYSTEM			\$226.00
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-001	ELECTRONIC 3000 RPM TACHOMETER			STD
813-1B4	VT-HU CONNECTIVITY PLATFORM HARDWARE			STD
8D1-002	2 YEARS DETROIT CONNECT BASE PACKAGE (VIRTUAL TECHNICIAN, DETROIT CONNECT PORTAL ACCESS) FOR VT-HU CONNECTIVITY PLATFORM			STD
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP			STD



Prepared for:  
 CONTRACT # 3-14021RJ CON #3-  
 140214RJ  
 MISSOURI DEPARTMENT OF  
 TRANSPORTATION  
 1320 CREEK TRAIL DRIVE  
 JEFFERSON CITY, MO 65109  
 Phone: 573 751 2551

Prepared by:  
 Ron Donze  
 TRUCK CENTERS, INC.  
 2280 FORMOSA RD.  
 TROY, IL 62294  
 Phone: 618-667-3454

Data Code	Description	Weight Front	Weight Rear	Retail Price
81Y-001	PRE-TRIP LAMP INSPECTION, ALL OUTPUTS FLASH, WITH SMART SWITCH			\$12.00
482-001	BW TRACTOR PROTECTION VALVE			N/C
883-001	TRAILER HAND CONTROL BRAKE VALVE			N/C
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
304-039	MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH AND DUAL CONNECTORS AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LIGHTS, LOW BEAMS OFF WITH HIGH BEAMS			\$214.00
882-004	TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR			N/C
299-013	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE			STD
298-039	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS			STD
<b>Design</b>				
065-000	PAINT: ONE SOLID COLOR			STD
<b>Color</b>				
980-5AA	CAB COLOR A: L2745EB VERMILLION ELITE BC			N/C
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)			STD
963-003	STANDARD E COAT/UNDERCOATING			STD
<b>Certification / Compliance</b>				
996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			STD
<b>Secondary Factory Options</b>				
998-033	CORPORATE PDI CENTER IN-SERVICE AND OPTION INSTALLATION/MODIFICATION			N/C
<b>Sales Programs</b>				
NO SALES PROGRAMS HAVE BEEN SELECTED				



Prepared for:  
 CONTRACT # 3-14021RJ CON #3-  
 140214RJ  
 MISSOURI DEPARTMENT OF  
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 1320 CREEK TRAIL DRIVE  
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 Phone: 573 751 2551

Prepared by:  
 Ron Donze  
 TRUCK CENTERS, INC.  
 2280 FORMOSA RD.  
 TROY, IL 62294  
 Phone: 618-667-3454

**TOTAL VEHICLE SUMMARY**

**Adjusted List Price**

Adjusted List Price \*\* \$190,557.00

**Weight Summary**

	Weight Front	Weight Rear	Total Weight
Factory Weight*	9633 lbs	7995 lbs	17628 lbs
<b>Total Weight*</b>	<b>9633 lbs</b>	<b>7995 lbs</b>	<b>17628 lbs</b>

**ITEMS NOT INCLUDED IN ADJUSTED LIST PRICE**

**Other Factory Charges**

PMU-017	2016 OBD/2010 EPA/CARB/GHG17 ESCALATOR	\$350.00
RD1-002	2 YEARS DETROIT CONNECT BASE PACKAGE (VIRTUAL TECHNICIAN, DETROIT CONNECT PORTAL ACCESS)	STD
P73-2FT	STANDARD DESTINATION CHARGE	\$2,050.00

**Extended Warranty**

WAI-10V	EW4 DD13 VOC \$0 DEDUCTIBLE 5 YEAR/200000 MILES FULL COVERAGE	\$2,900.00
WAK-140	ALLISON 4500 RDS SERIES TRANSMISSION EXTENDED WARRANTY, 5 YEARS/UNLIMITED MILES FEX	\$886.00
WAG-014	TOWING: 5 YEARS/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE \$550 CAP FEX APPLIES	\$800.00

Currency Exchange Rate 1.0000  
 Total Extended Warranty (Local Currency) \$4,586.00



Prepared for:  
CONTRACT # 3-14021RJ CON #3-  
140214RJ  
MISSOURI DEPARTMENT OF  
TRANSPORTATION  
1320 CREEK TRAIL DRIVE  
JEFFERSON CITY, MO 65109  
Phone: 573 751 2551

Prepared by:  
Ron Donze  
TRUCK CENTERS, INC.  
2280 FORMOSA RD.  
TROY, IL 62294  
Phone: 618-667-3454

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

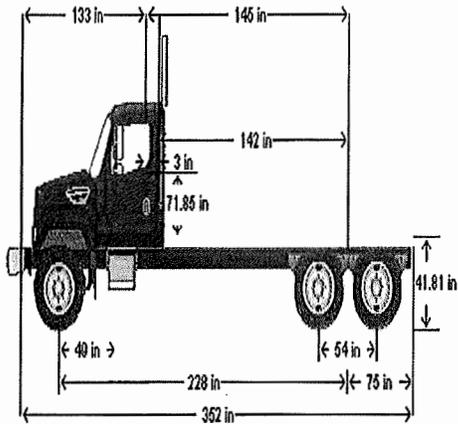
(\*\*) Prices shown do not include taxes, fees, etc... "Net Equipment Selling Price" is located on the Quotation Details Proposal Report.



Prepared for:  
 CONTRACT # 3-14021RJ CON #3-  
 140214RJ  
 MISSOURI DEPARTMENT OF  
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Prepared by:  
 Ron Donze  
 TRUCK CENTERS, INC.  
 2280 FORMOSA RD.  
 TROY, IL 62294  
 Phone: 618-667-3454

## DIMENSIONS



### VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Model..... 114SD  
 Wheelbase (545) ..... 5800MM (228 INCH) WHEELBASE  
 Rear Frame Overhang (552) ..... 1900MM (75 INCH) REAR FRAME OVERHANG  
 Fifth Wheel (578) ..... NO FIFTH WHEEL  
   Mounting Location (577)..... NO FIFTH WHEEL LOCATION  
   Maximum Forward Position (in) ..... 0  
   Maximum Rearward Position (in) ..... 0  
   Amount of Slide Travel (in) ..... 0  
   Slide Increment (in) ..... 0  
   Desired Slide Position (in) ..... 0.0  
 Cab Size (829)..... 114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB  
 Sleeper (682) ..... NO SLEEPER BOX/SLEEPER CAB  
 Exhaust System (016)..... RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE

Prepared for:  
 CONTRACT # 3-14021RJ CON #3-  
 140214RJ  
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Prepared by:  
 Ron Donze  
 TRUCK CENTERS, INC.  
 2280 FORMOSA RD.  
 TROY, IL 62294  
 Phone: 618-667-3454

**TABLE SUMMARY - DIMENSIONS**

Dimensions	Inches
Bumper to Back of Cab (BBC)	132.9
Bumper to Centerline of Front Axle (BA)	49.4
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	144.5
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	141.5
Back of Cab Protrusions (Exhaust/Intake) (CP)	0.0
Back of Cab Protrusions (Slide Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	219.5
Cab Height (CH)	71.9
Wheelbase (WB)	228.0
Frame Overhang (OH)	75.0
Overall Length (OAL)	352.4
Rear Axle Spacing	54.0
Unladen Frame Height at Centerline of Rear Axle	41.8

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.



**BOONE COUNTY  
ATTN: GREG EDINGTON**

HENDERSON SNOW AND ICE  
EQUIPMENT PACKAGE

REVISED 12/11/17

***HENDERSON PRODUCTS-MO IS PLEASED TO PROVIDE YOU WITH THE  
FOLLOWING QUOTE***

*HENDERSON PRODUCTS IS A DIVISION OF HENDERSON MANUFACTURING AND THUS ALLOWS US  
THE ABILITY TO FOCUS ON A SPECIFIC PRODUCT LINE, HENDERSON. OUR MISSOURI FACILITY ONLY  
INSTALLS HENDERSON PRODUCTS AND THEREFORE WE ARE ABLE TO OFFER A SUPERIOR  
INSTALLATION AND SERVICE TO OUR CUSTOMERS.*

**SNOW PLOW HITCH**

- **HENDERSON PLOW HITCH**
- HENDERSON QUICK HITCH ON 30.5" CENTERS
- HENDERSON BUMPER TO FRAME MOUNTING KIT
- NIGHT SABER PLOW LIGHTS ATTACHED TO HOOD ON STAINLESS STEEL BRACKETS
- 4" DOUBLE ACTING NITRIDED LIFT CYLINDER TO MATCH PLOW ANGLE CYLINDERS
- BUILT IN LEVEL LIFT WITH NO MOVING PARTS
- PAINTED AND INSTALLED
- SNOW PLOW HITCH INSTALLED 100% TO YOUR SPECIFICATIONS-NO EXCEPTIONS

**CENTRAL HYDRAULIC SYSTEM**

- **CERTIFIED POWER CENTRAL HYDRAULICS SYTEM**
- CONSTANT MESH PTO FOR ALLISON TRANSMISSION
- SDPP 83010147 PISTON PUMP
- CRADLE MOUNTED ABOVE FRAME STAINLESS STEEL HYDRAULIC RESERVOIR
- CRADLE MOUNTED ABOVE FRAME CERTIFIED POWER VALVE ENCLOSURE
- FXDS COSOLE CONTROLS
- QUIX 73000600 SURFACE PATROL WITH SPREADER CONTROL
- DUAL AXIS CONTROL WITH MOMENTARY BLAST AND PASS
- 7 STICK CONTROL STAND 124/393 NO SWITCHES
- ALL FITTINGS JIC STYLE
- HYDRUALIC SYSTEM TO BE FULLY TESTED AND PROPERLY CALIBRATED
- INSTALLED 100% TO YOUR SPECIFICATIONS-NO EXCEPTIONS

TEZ/D397

1 8 7  
1 1 1 1 1  
2 3 4

## **DUMP BODY**

- **HENDERSON MODEL MARK E 15' STAINLESS STEEL DUMP BODY**
- CROSSMEMBERLESS FLOOR-UNIBODY DESIGN
- ENTIRE BODY IS CONTINUOUSLY WELDED
- SLOPED LOWER MATERIAL SHEDDING RUB RAIL.
- 15' LONG
- 7' INSIDE WIDTH 8' OUTSIDE WIDTH
- 36" SIDES
- 44" AIR LATCH TAILGATE
- SINGLE HORIZONTAL WELD ON BRACE ON TAILGATE
- 3/16" AR400 STEEL FLOOR
- 3/16" AR400 STEEL TAILGATE LINER
- 10" I BEAM LONGSILLS
- SLOPED BOX TOP RAIL 4"x5" SEAMLESS AND BOXED
- SMOOTH SIDE 7GA 201 STAINLESS STEEL
- 45 DEGREE SIDE TO FLOOR KNEE BRACE
- 22"x86" CONTINUOUSLY WELDED 201 STAINLESS STEEL STATIONARY CAB SHIELD WITH CORNERS FOR OBLONG STROBES 2 LEFT AND 2 RIGHT
- 3 HENDERSON STAINLESS STEEL GRIP STRUT STEPS ON FRONT DRIVERS SIDE
- 1 STEP BELOW DRIVER SIDE FRONT CORNER OF BODY
- ALL LED FMVSS # 108 MARKER LIGHTS
- INSTALLED AND NOT PAINTED

## **HOIST**

- **HENDERSON MODEL C FRONT TELESCOPIC HOIST**
- C140-5-3 HOIST CYLINDER TRUNNION MOUNTED
- SINGLE ACTING (POWER UP/GRAVITY DOWN)
- EXTERNAL DOGHOUSE ADDS 12" BACK OF CAB TO FRONT OF BODY
- GREASABLE PIVOTS-ZERKS ON ALL PINS
- 9" MOUNTING HEIGHT
- 6"x8"x1/2" STRUCTURAL ANGLE WITH 2" 303 STAINLESS STEEL PINS
- GREASEABLE REAR PINS
- INSTALLED
- BODY AND HOIST INSTALLED 100% TO YOUR SPECIFICATIONS-NO EXCEPTIONS

## **ELECTRICAL SYSTEM**

- **WHELEN LED SYSTEM**
- WHELEN AMBER TIR3 MINI STROBES MOUNTED ON PLOW LIGHT BRACKETS
- (4) LED AMBER OVAL STROBES MOUNTED ON CAB SHIELD FACING FORWARD, SIDEWARD,
- (2) LED AMBER OVAL STROBE LIGHTS MOUNTED IN REAR CORNER POSTS
- (2) LED OVAL STOP/TAIL/TURN MOUNTED IN REAR CORNER POSTS
- (2) LED BACK UP LIGHTS MOUNTED IN REAR CORNER BOLSTERS
- MODEL SK-10 BODY UP LIGHT
- WHELEN BACK UP ALARM
- ALL ONE PIECE WIRING FROM POWER SOURCE TO ELECTRICAL ITEM
- ALL WIRING RIGID MOUNTED ON STAINLESS STEEL AND ZIP TIED EVERY 8"
- ALL WIRING WILL BE PROPERLY RUN TO AVOID SHARP EDGES AND PINCH POINTS
- ALL WIRING WILL BE PROPERLY FUSED WITH NO BUTT JOINTS OR SPLICES
- FACTORY REAR CHASSIS LIGHTS TO BE REINSTALLED OUTSIDE OF PINTLE PLATE
- HENDERSON PDP POWER DISTRIBUTION CENTER
- ALL LED FMVSS # 108 MARKER LIGHTS
- MEYER NIGHT SABER PLOW LIGHTS WITH STAINLESS STEEL BRACKETS MOUNTED TO HOOD
- ALL ONE PIECE WIRING WITH COPY OF WIRING SCHEMATIC

## **PINTLE PLATE**

- ¾" PINTLE PLATE TRIPLE WELDED AND GUSSETED
- CHIPPER BAR ANGLES NO CHIPPER BAR
- (2) 1" D RINGS
- 45 TON PINTLE HOOK WITH AIR CUSHION
- NO GLAD HANDS PLUG AIR FITTINGS IN PINTLE PLATE
- 7 WAY RV TRAILER PLUG

## **MISCELLANEOUS**

- 2"X 10" ROUGH CUT OAK WOOD SIDE BOARDS NOT PAINTED
- FRAME MOUNTED MUD FLAPS IN FRONT OF DRIVE AXLE TO TOUCH BOTTOM OF BODY
- STAINLESS STEEL SHOVEL HOLDER ON DRIVER SIDE
- 4 STAINLESS STEEL KINDYNE WINCHES FOR SPREADER HOLD DOWN
- 3 GRIP STRUT STAINLESS STEEL STEPS DRIVER SIDE FRONT OF BODY
- HENDERSON QUICK RELEASE FULL REAR MUD FLAPS

- SPREADER CONNECTIONS IN MODOT STYLE IN DRIVER SIDE RUB RAIL
- TOOL BOX 18"X 18"X30" STAINLESS STEEL FRAME MOUNTED

### **OPTIONS**

- CRANKSHAFT DRIVEN PUMP WITH MILD STEEL FRAME MOUNTED HYDRAULIC RESERVOIR ILO CONSTANT MESH PUMP WITH ABOVE FRAME STAINLESS STEEL CRADLE MOUNTED RESERVOIR AND VALVE ENCLOSURE  
**DEDUCT \$5,167**
- STANDARD TAILGATE LINER ILO 3/16 AR400 TAILGATE LINER  
**DEDUCT \$397**
- 8" I BEAM LONSILLS ILO 10" I BEAM LONSILLS  
**DEDUCT \$705**
- 4 MILD KINEDYNE WINCHES FOR SPREADER HOLD DOWN ILO 4 STAINLESS STEEL KINEDYNE WINCHES FOR SPREAER HOLD DOWN  
**DEDUCT \$866**
- STANDAR TRUCK LITE PLOW LAMPS ILO MEYER NIGHT SABER PLOW LAMPS  
**DEDUCT \$167**

**TOTAL PACKAGE PRICE \$54,800.00**

### **INSTALLATION AND WARRANTY**

- **1 FULL YEAR WARRANTY ON ALL EQUIPMENT**
- ALL MOUNTING TO BE 100% TO YOUR SPECIFICATIONS-NO EXCEPTIONS
- PRE-BUILD MEETING AT OUR FACILITY REQUIRED PRIOR TO START OF BUILD
- HENDERSON TRUCK EQUIPMENT WILL HANDLE ALL TRANSPORTATION AND REPAIRS TO VEHICLE FOR WARRANTY AND SERVICE WORK IN A TIMELY MANNER

- ALL EQUIPMENT WILL BE INSTALLED BY A SINGLE BODY COMPANY BY OUR EMPLOYEES AT OUR FACILITY.
- ALL EQUIPMENT IS ENGINEERED BY A SINGLE MANUFACTURER, HENDERSON PRODUCTS INC.
- INSTALLATION OF COMPONENTS WILL NOT BE SUBCONTRACTED BY THE BODY COMPANY TO OTHERS
- NO WELDING TO BE DONE ON CHASSIS FRAME BETWEEN FRONT OF MOST FORWARD SPRING HANGER AND REAR OF REARMOST SPRING HANGER.
- COPY OF CENTRAL HYDRAULIC SYSTEM SCHEMATIC WILL BE FURNISHED UPON COMPLETION
- COPY OF WIRING SCHEMATIC WILL BE FURNISHED UPON COMPLETION
- PARTS AND SERVICE MANUALS FOR ALL COMPONENTS WILL BE FURNISHED UPON COMPLETION
- VEHICLE TO BE CERTIFIED TO MEET ALL FEDERAL MOTOR VEHICLE SAFETY STANDARDS
- HENDERSON TO CONDUCT OPERATOR TRAINING SESSION AT YOUR FACILITY AFTER DELIVERY OF COMPLETED TRUCK
- SNOW AND ICE CONTROL REFERENCES AVAILABLE UPON REQUEST

**HENDERSON PRODUCTS-MISSOURI**  
**TIM BRUEMMER-MISSOURI SALES REP**  
 573-590-1467 CELL  
 TBRUEMMER@HENDERSONPRODUCTS.COM

CONTRACT ACCEPTANCE: \_\_\_\_\_ DATE: \_\_\_\_\_

TITLE: \_\_\_\_\_ PURCHASE ORDER #: \_\_\_\_\_



**HENDERSON PRODUCTS – MO**  
**NJPA CONTRACT HOLDER/CONTRACT #080114-HPI**

• PH: 573-590-1467 • FAX: 573-826-2912 • [hendersonproducts.com](http://hendersonproducts.com)

# CERTIFIED COPY OF ORDER

March Session of the January Adjourned

Term. 20 18

STATE OF MISSOURI }  
County of Boone } ca.

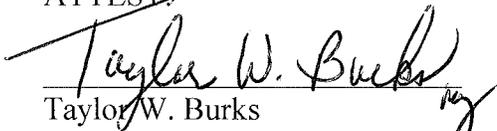
In the County Commission of said county, on the 15th day of March 20 18

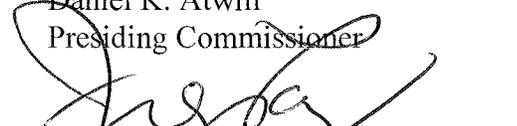
the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby approve the attached grant application from the Sheriff's Department, offered by the Missouri Department of Public Safety, for the 2019 State Cyber Crimes Grant.

Done this 15th day of March, 2018.

ATTEST:

  
Taylor W. Burks  
Clerk of the County Commission

  
Daniel K. Atwill  
Presiding Commissioner  
  
Fred J. Parry  
District I Commissioner  
  
Janet M. Thompson  
District II Commissioner

# Missouri Department of Public Safety

Application

91337 - 2019 SCCG

91795 - Boone County Sheriff's Department Cyber Crimes Task Force

State Cyber Crime Grant (SCCG)

Status: Editing

Submitted Date:

---

## Primary Contact

Name:*	Detective	Tracy	Perkins
	<small>Title</small>	<small>First Name</small>	<small>Last Name</small>
Job Title:	Detective		
Email:	TWest@boonecountymo.org		
Mailing Address:	2121 County Drive		
Street Address 1:			
Street Address 2:			
*	Columbia	Missouri	65202
	<small>City</small>	<small>State/Province</small>	<small>Postal Code/Zip</small>
Phone:*	573-442-4598		<small>Ext.</small>
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):** 2018-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.

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.

**Brief Summary:**

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

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## Personnel

Name	Title	Position	Employment Status	Salary per Pay Period	Number of Pay Periods	% of Funding Requested	Total Cost
Andy Evans	Detective	Retained	FT	\$2,008.80	26.0	100.0	\$52,228.80
Cody Bounds	Detective	Retained	FT	\$2,029.60	26.0	100.0	\$52,769.60
							<b>\$104,998.40</b>

---

## 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 15 years. 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 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 several ICAC classes, to include, IT and UC training courses, basic and advanced online ads investigation training, and BitTorrent peer to peer training. All courses will assist Evans in his current duties in the Task Force. Detective Evans received a 2% salary increase at the beginning of 2018. This grant will retain this position.

**Cody Bounds** has been a certified law enforcement officer for 7 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 500 hours in forensics training, to include All Access Online Pass, FTK AccessData Bootcamp, certified Cellebrite mobile examiner, and IACIS Basic Certified Forensics training. 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 2018. This grant will retain this position.

## Personnel Benefits

Category	Item	Salary/Premium	Percentage/# of Periods	% of Funding Requested	Total Cost
Dental Insurance	Dental Insurance-Bounds and Evans	\$70.00	12.0	100.0	\$840.00
Dental Insurance	Subsidized Dental Insurance-Bounds	\$20.55	12.0	100.0	\$246.60
					<b>\$1,086.60</b>
FICA/Medicare	FICA/Medicare	\$104,998.40	0.0765	100.0	\$8,032.38
					<b>\$8,032.38</b>
Life Insurance	Life Insurance-Bounds and Evans	\$8.00	12.0	100.0	\$96.00
					<b>\$96.00</b>
Long-Term Disability	Long-Term disability	\$104,998.40	0.0043	100.0	\$451.49
					<b>\$451.49</b>
Medical Insurance	Medical Insurance-HDHP Bounds and Evans	\$1,080.00	12.0	100.0	\$12,960.00
Medical Insurance	Subsidized Medical Insurance HDHP Family- Bounds	\$384.22	12.0	100.0	\$4,610.64
					<b>\$17,570.64</b>
Pension/Retirement	Pension 401 (A) Match	\$50.00	26.0	100.0	\$1,300.00
					<b>\$1,300.00</b>
Workers Comp	Workers Comp	\$104,998.40	0.0235	100.0	\$2,467.46
					<b>\$2,467.46</b>
					<b>\$31,004.57</b>

## 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.*

**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** 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 or 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 2018 rate is \$0.0043.

**Medical Insurance HDHP** is contributed by the employer under a High Deductible Health Plan at a rate of \$540.00 per month per employee to provide coverage in the event of illness or injury. Cody Bounds and Andy Evans are covered under this Insurance plan.

**Subsidized Medical Insurance** is contributed by the employer to subsidize a portion of family insurance at a rate of \$384.22 per month. Cody Bounds has health insurance coverage on his family.

**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 2.35% 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. Rates are determined annually.

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## Personnel Overtime

Name	Title	Hourly Overtime Pay	Hours on Project	% of Funding Requested	Total Cost
Andy Evans	Detective	\$37.67	120.0	100.0	\$4,520.40
Cody Bounds	Detective	\$38.06	160.0	100.0	\$6,089.60
Tracy Perkins	Detective	\$41.55	140.0	100.0	\$5,817.00
					<b>\$16,427.00</b>

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## 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. Detective Evans works both reactive and proactive investigations. Detective Evans currently works a majority of reactive cases, but continues to focus on proactive, to include undercover operations and peer to peer. Both reactive and proactive cases can be labor intensive. Detective Evans shares the responsibility to present public awareness and education programs. The amount of hours being requested averages out to 10 hours a month. Detective Evans' would use the overtime to work on current caseload, after hours presentations and any extra time to work on proactive investigations, to include UC chats and peer-to-peer investigations. Detective Evans will work approximately 120 hours of overtime on the proposed project.

**Detective Cody Bounds** is the only full-time forensic examiner for the Task Force. The Task Force has been consistently backlogged 4 to 7 months on forensic examinations. Detective Bounds is a valuable asset to this unit with his knowledge and experience. In 2017, Detective Bounds completed approximately 146 examinations, this included hard drives, cell phones and other electronic devices. The amount of hours being requested averages out to 13 hours a month. Detective Bounds would use the overtime to work on backlog cases. Detective Bounds will work approximately 160 hours of overtime on the proposed project.

**Detective Tracy Perkins** has been assigned to the Task Force since 2007 working proactive and reactive investigations. Detective Perkins currently works reactive investigations generated from self-reported and CyberTips. In 2014, Detective Perkins began managing the SCCG budget, and quarterly reporting, this includes managing the daily administrative duties, phone calls and oversight of the Task Force operations. Detective Perkins shares the responsibility on presenting to the community and schools. The extra duties greatly affects a timely turnaround on the investigations assigned to Detective Perkins. In mid-2017, Detective Perkins received her Cellebrite certification. This enabled Detective Perkins to help with cell phone examinations. The amount of hours being requested averages out to 11 hours a month. Detective Perkins' would use the overtime to work investigations, after-hours presentations and cell phone forensics. Detective Perkins will work approximately 140 hours of overtime on the proposed project.

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## Personnel Overtime Benefits

Category	Item	Overtime/Premium	Percentage/# of Periods	% of Funding Requested	Total Cost
FICA/Medicare	FICA/Medicare	\$16,427.00	0.0765	100.0	\$1,256.67
					<b>\$1,256.67</b>
Workers Comp	Workers Comp	\$16,427.00	0.0235	100.0	\$386.03
					<b>\$386.03</b>
					<b>\$1,642.70</b>

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## 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 Social Security and Medicare

**Workers Compensation** is contributed by the employer at an approximate rate of 2.35% 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
Registration Fee	ACE (Access Certified Examiner) FTK Recertification	\$100.00	1.0	1.0	100.0	\$100.00
Registration Fee	Cellebrite Certified Physical Analyzer (CCPA) Recertification - Registration	\$89.00	1.0	1.0	100.0	\$89.00
Airfare/Baggage	IACIS Mobile Device Forensics Training- Airfare	\$600.00	1.0	1.0	100.0	\$600.00
Airport Parking	IACIS Mobile Device Forensics Training- Airport Parking	\$12.00	6.0	1.0	100.0	\$72.00
Fuel	IACIS Mobile Device Forensics Training- Fuel	\$30.00	1.0	1.0	100.0	\$30.00
Lodging	IACIS Mobile Device Forensics Training- Lodging	\$140.00	5.0	1.0	100.0	\$700.00
Meals	IACIS Mobile Device Forensics Training- Meals	\$40.00	6.0	1.0	100.0	\$240.00

Rental Car	IACIS Mobile Device Forensics Training- Rental Car	\$280.00	1.0	1.0	100.0	\$280.00
Registration Fee	IACIS Mobile Device Forensics Training- Registration	\$1,495.00	1.0	1.0	100.0	\$1,495.00
Fuel	ISP for Mobile Device Forensics Training- Fuel	\$30.00	1.0	1.0	100.0	\$30.00
Lodging	ISP for Mobile Device Forensics Training- Lodging	\$140.00	5.0	1.0	100.0	\$700.00
Meals	ISP for Mobile Device Forensics Training- Meals	\$45.00	6.0	1.0	100.0	\$270.00
Rental Car	ISP for Mobile Device Forensics Training- Rental Car	\$280.00	1.0	1.0	100.0	\$280.00
Airfare/Bagga ge	ISP for Mobile Device Forensics Training- Airfare	\$600.00	1.0	1.0	100.0	\$600.00
Airport Parking	ISP for Mobile Device Forensics Training- Parking	\$12.00	6.0	1.0	100.0	\$72.00
Registration Fee	ISP for Mobile Device Forensics Training- Registration	\$3,950.00	1.0	1.0	100.0	\$3,950.00
						<b>\$9,508.00</b>

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## 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):*

**ACE (AccessData Certified Examiner) FTK Recertification-** The ACE (AccessData Certified Examiner) certification is online certification. The certification is necessary to show proficiency in the operation of the AccessData FTK (Forensic Toolkit) forensic analysis software suite. The certification is vital to establishing competency as an expert witness during court testimony for investigations in which the AccessData FTK software was utilized. AccessData FTK is the primary software suite used by the Task Force during digital forensic analysis of computer and storage media devices. This certification exam will be taken by Detective Dustin Heckmaster. Detective Heckmaster's certification will expire in February 2019.

**Cellebrite Certified Physical Analyzer (CCPA) Recertification-** This is an online based recertification to the Cellebrite Certified Physical Analyst (CCPA) cell phone forensics. Detective Dustin Heckmaster will retain this certification. Detective Heckmaster completed this certification in 2016 and is required to recertify every 2 years.

**In-System Programming (ISP) for Mobile Device Forensics** is a 5-day course held in Saint Augustine, Florida on October 8th through October 12, 2018. The training provides instruction on how to acquire data from mobile devices installed with newer eMMC and eMCP memory chips. Using this method of physical acquisition which bypasses certain restrictions, such as user password protections, and can acquire data from many damaged devices. This training is non-vendor specific, and acquired data can be analyzed using software currently utilized by the Task Force. 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 (CMDE) through Cellebrite. The ISP for Mobile Device Forensics training will build upon Detective Bounds' existing qualifications and will add significant new forensic capabilities to the Task Force. This training requires dismantling the device to be examined and soldering to attachment points within the onboard circuitry, and requires specialized tools, and approval of this course should be considered contingent upon approval of the Teel Technologies ISP equipment purchase request.

**IACIS Mobile Device Forensics training** is a 5-day course held in Orlando, Florida. The training date is TBA, but all IACIS training is usually held in April. The training 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 which gives the examiner up-to-date knowledge regarding the forensic analysis of mobile devices. This training will be attended by Detective Dustin Heckmaster, who is certified through Cellebrite to conduct mobile device examinations. Detective Heckmaster attended IACIS basic computer forensic examiner training in April 2018. The IACIS Mobile Device Forensics training will build upon Detective Heckmaster's existing qualifications.

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## Equipment

Item	Description	Unit Cost	Quantity	Source of Bid	% of Funding Requested	Total Cost
In-System Programming	Acquisition hardware	\$7,979.00	1.0	Teel Technologies	100.0	\$7,979.00
Laptop	Forensic notebook computer	\$1,474.99	1.0	Amazon	100.0	\$1,474.99
Write Blocker Kit	UltraKit v4.1 Tableau	\$1,817.00	1.0	Digital Intelligence	100.0	\$1,817.00
						<b>\$11,270.99</b>

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## 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):*

**ISP Equipment Acquisition hardware** the purchase is contingent upon approval for the In-System Programming (ISP) mobile device training course. The equipment is necessary to perform the data acquisition method taught during the course. This equipment includes workbench tools for detailed soldering capabilities, a digital magnifier to assist in the detailed soldering procedures required, and the hardware necessary to connect to and extract data from the mainboards of mobile device evidence. Currently, no other forensic unit in the mid-Missouri Task Force has this type of capabilities besides traveling 2 hours for this type of examination of password protected evidence. The Task Force would be the only forensic unit that would be performing this type of acquisition in mid-Missouri service area. This equipment will be used by Detective Cody Bounds.

**Laptop-** a forensic laptop is primarily used for the on-scene triage and analysis of computer and mobile device media, and is essential to successful digital evidence previewing and collection in the field. The laptop hardware specifications on this computer is sufficient to run forensic analysis software during triage process. Such software often requires higher processing and storage capabilities. The computer will maintain a clean software environment free of malware or virus contamination which could adversely affect potential evidence, and should therefore not consist of a laptop which is also used for investigative purposes. A forensic laptop can also be used within the lab alongside existing non-portable forensic machines to more proficiently reduce an already backlogged caseload. Currently, the Task Force has two forensic examiners, but only one forensic laptop suited for forensic previewing and analysis. This computer will be assigned and used by Detective Dustin Heckmaster.

**Write Blocker Kit -** This item will replace an existing write blocker kit which was originally purchased more than 10 years ago. The new write blocker kit provided by Digital Intelligence contains several updated write blockers, providing the necessary interfaces to acquire digital evidence in the field from today's technologies, including the ability to extract data from hard drives with an SAS interface. Furthermore, the equipment is designed with USB 3.0 connections for output, allowing for data transfer rates up to ten times faster than our current, outdated, write blocker kit. The increased transfer rates will make triage or in house acquisition of digital evidence more feasible when needed. This update is an essential part of Task Force operations. This item will be used by Detective Cody Bounds and Detective Dustin Heckmaster.

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## Supplies/Operations

Item	Basis for Cost Estimate	Unit Cost	Quantity	% of Funding Requested	Total Cost
10TB- Hard Drives (5)	One-Time	\$319.00	5.0	100.0	\$1,595.00
4TB- Hard Drives (10)	One-Time	\$130.00	10.0	100.0	\$1,300.00
Anti-Virus Software Renewal (15)	Annual	\$240.00	1.0	100.0	\$240.00
Domain Registration	Annual	\$15.00	1.0	100.0	\$15.00
Website Hosting	Annual	\$278.39	1.0	100.0	\$278.39
					<b>\$3,428.39</b>

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## 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 (5)** - the items will be used to maintain and store forensic copies of evidence, and to archive a secondary copy of evidence to protect against data loss due to failed equipment or natural disaster. Hard disk drives are the only evidence storage method available to our Task Force, as we do not have networked storage available for this purpose, and this item is therefore a necessity to forensic operations. These specific hard disk drives are of a large enough capacity to facilitate the seizure and analysis of 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.

**4TB Hard Drives (10)** – This item will be used to maintain and store forensic copies of evidence, and to archive a secondary copy of evidence to protect against data loss due to failed equipment or natural disaster. Hard disk drives are the only evidence storage method available to our Task Force, as we do not have networked storage available for this purpose, and this item is therefore a necessity to 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 anti-virus 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 are 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, 2019.

**Domain Registration Renewal-** The Task Force maintains a webpage at [bcscdycybercrimes.com](http://bcscdycybercrimes.com), which requires a website domain registration fee of \$15.00 a year. Renewal is June 2018.

**Website Hosting-** The Task Force currently maintains a website, [bcscdycybercrimes.com](http://bcscdycybercrimes.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 2018.

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## Contractual

Item	Basis for Cost Estimate	Unit Cost	Quantity	% of Funding Requested	Total Cost
AccessData FTK License Renewal (2)	Annual	\$2,374.30	1.0	100.0	\$2,374.30
ADF Digital Evidence Investigator Software	Annual	\$1,299.00	1.0	100.0	\$1,299.00
Air Card	Monthly	\$40.75	12.0	100.0	\$489.00
Cellebrite UFED 4PC License Renewal (2)	Annual	\$7,326.00	1.0	100.0	\$7,326.00
Cellebrite UFED Cloud Analyzer Software	Annual	\$2,625.00	1.0	100.0	\$2,625.00
DeepSpar Disk Imager 4 Software	Annual	\$350.00	1.0	100.0	\$350.00
DeepSpar Disk Imager 4 Network & Forensics add-ons	Annual	\$1,625.00	1.0	100.0	\$1,625.00
GetData Forensic Explorer Software	Annual	\$495.00	1.0	100.0	\$495.00
IACIS Membership Renewal	Annual	\$75.00	2.0	100.0	\$150.00
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

Magnet					
Forensics					
Internet	Annual	\$1,075.00	1.0	100.0	\$1,075.00
Evidence Finder (IEF) Renewal					
					<b>\$22,017.58</b>

## 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. The renewal cost per license is \$1187.15. The license is scheduled for renewal October 30, 2018 and October 31, 2018, for both licenses.

**ADF Digital Evidence Investigator Renewal (1)**- This software is an annual renewal. This software 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 will be renewed on October 15, 2018.

**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 UFED 4PC License Renewal (2)**- This is an annual renewal for (2) Cellebrite licenses. In March 2018, the Task Force switched from the Cellebrite UFED Ultimate Touch 1 to the UFED 4PC software. The change will allow the Task Force be more portable and flexible on using Cellebrite for on scene triage. 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 4PC software located at the Boone County Task Force and Detective Dustin Heckmaster will utilize the second license at the University of Missouri Police Department. Each license renewal is \$3663.00. The Task Force has a contract with vendor, Carahsoft for 2018 for the renewal cost. License renewal is scheduled for October 30, 2018 and December 1, 2018.

**Cellebrite UFED Cloud Analyzer Renewal**- The software is an annual renewal. 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, Detective Dustin Heckmaster and Detective Tracy Perkins. The renewal cost is \$2625.00. The renewal is scheduled on February 5, 2019.

**DeepSpar Disk Imager 4 software Renewal**- This software is a renewal. 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 renewal cost is \$350. The renewal is scheduled on January 25, 2019.

**DeepSpar Data Disk Imager 4 Network-Forensic Add-ons** is a disk imaging system capable of obtaining data from hard drives undergoing physical failure, and is a current tool used by the Task Force. The network upgrade to this system will allow for targeted data recovery and acquisition based on the installed file system, making it possible to obtain specific data or evidence from a failing hard drive rather than copying the entire contents of the hard drive. This add-on is specifically useful for hard drives in advanced states of failure, where copying the entire contents may not be possible. The forensics upgrade to this system will allow for the output of a detailed report precisely pinpointing which disk sectors could be recovered and which ones could not. This add-on is useful in showing exactly what evidence could or could not be recovered from a hard disk drive, and can be used to better show the recovery process during discovery or other court proceedings related to a case. These upgrades will be used by Detective Cody Bounds and Detective Dustin Heckmaster.

**GetData Forensic Explorer-** This software is a renewal. 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. This software will be used by Detective Cody Bounds. The renewal cost is \$495.00. The software is scheduled for renewal on November 8, 2018.

**IACIS membership Renewal-** This annual renewal membership is for Detective Cody Bounds and Detective Dustin Heckmaster. Detective Bounds completed his certification with the (IACIS) International Association of Computer Investigative Specialist in 2016 and Detective Heckmaster is scheduled to complete his certification in September 2018. The membership is required for continued training through IACIS and allows for networking with other forensic experts throughout the world. Detective Bounds and Detective Heckmaster will not be allowed to recertify their IACIS certification without this renewal. The renewal expires in January 2019.

**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) Renewal-** this license is a 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. This license will be used by Detective Cody Bounds. The renewal expires August 31, 2018.

**Magnet Forensics Internet Evidence Finder (IEF)** This is a new purchase. The second license will be used by Detective Dustin Heckmaster at the University of Missouri Police Department. The 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, the Task Force has a single Magnet IEF license for one year and the Task Force has seen an increase in productivity as expected, but has resulted in the location of important evidence which would not have been found otherwise.

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## **Total Budget**

Total Project Cost: \$200,297.63

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## **Brief History**

### **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 leading to multiple arrest. In 2004, investigations saw an increase in the possession and distribution of child pornography and further arrest where associated with these type of crimes. The Sheriff's Department continued to see an increase in cases involving the exploitation of children and applied for funding in 2007 under the State grant.

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

Since January 2007, the Task Force continues to work cases throughout the mid-Missouri area.

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## **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 Problems

The Task Force continues to see young children having access to social media accounts and with the integration of 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 average turnaround for a Task Force investigation is between 1 to 2 months, pending the court order response from the electronic service providers. These cases are labor intensive and sometimes require several court orders to gain the information to identify the suspect.

The Task Force continues to receive request from previous schools that the Task Force had presented to, along with new schools that fall in our jurisdiction to help educate their students on Internet safety. The Task Force currently presents to 3 to 5 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 8 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 6<sup>th</sup> through 12<sup>th</sup> grade.

The Task Force continues to see a shift in proactive vs. reactive cases. The reactive cases increased because Electronic Service Providers are mandated reporters. The ESP's are reporting activity of child pornography from their servers to the National Center for Missing Exploited Children, which then is turned over to law enforcement. In 2017, the Task Force worked 77 investigations, of those, 34 were CyberTips.

The Task Force conducts forensic examinations, both child-related and non-child related crimes. The Task Force serves the mid-Missouri law enforcement with forensic examinations. As the demand grows for forensic analysis on electronic devices, the Task Force is currently experiencing a 4 month backlog. In 2017, the Task Force completed 201 examinations. The Task Force handled 140 devices, child related crimes and 60 devices, non-child related.

## Current Facts and Statistics

During the calendar year of 2017, the Task Force worked 77 new investigations, carrying over 20 investigations from 2016. The majority of the investigations are centered on promoting and possession of child pornography. Breaking the cases down the Task Force worked 34 cyber tips, 33 complaint driven, and 10 proactive cases.

	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
2017	78	67	10	12	201

The Task Force completed 201 examinations; 67 hard drives, 95 cell phones and 39 other devices. From year to year, the Task Force continues to see the distribution and possession of child pornography investigations which hasn't decreased. The Task Force worked 25 distribution of child pornography, 28 possession of child pornography, 15 sexual exploitation of a minor, 5 enticement of child and 4 trafficking of a child.

## Identify the existing resources or lack of, demographic and geographic specifications a need for funding

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 handle all CyberTip reports that are outside of Boone County. The Task Force chooses to handle the CyberTips directly to make sure the investigations 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. The Task Force continues to request overtime to help offset the time to get backlogged cases and forensic examinations completed. 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 to perform at the current level without the assistance of the grant.

For the past 10 years, the Task Force utilized two tools for retrieving evidence from devices; FTK and Cellebrite. During the 2018 grant period, the Task Force was awarded several new pieces of software to assist with the retrieval of evidence. The new tools have been a valuable asset and to maintain the new tools the Task Force would need funding to support the renewal cost.

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## **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 ICAC Program Operation and Investigative Standards?** Yes

#### **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)

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## **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 training as outlined in the SCCG Solicitation? Yes

**Narrative**

**Cody Bounds (Field Investigator)** OS Triage, Paladin, Windows FE, Magnet Evidence Finder and ADF

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

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

**Cody Bounds (Full-time Online Investigator)** ICAC Investigative Techniques (May 2014)

**Tracy Perkins- (Part-time Mobile Forensic Examiner)** Cellebrite Mobile Forensic Fundamentals CMFF (May 2015), Cellebrite Certified Logical Operator CCLO (January 2016) Cellebrite Certified Physical Operator CCPA (2017)

**Cody Bounds (Full-time Mobile Forensic Examiner)** Cellebrite Mobile Forensic Fundamentals (May 2015) Cellebrite Certified Logical Operator (May 2015), Cellebrite Certified Physical Operator (May 2015) Cellebrite Certified Mobile Examiner (May 2015) (Recertified 2017), NCFI Basic Mobile Device Investigations (September 2016),

**Dustin Heckmaster (Part-time Mobile Forensic Examiner)** Introduction to Cellular Investigations NW3C (May 2013), Certified Cellebrite Physical Operator (May 2016)

**Cody Bounds (Full-time 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), MAC Analysis (April 2017)

**Dustin Heckmaster (Part-time Computer Forensic Examiner)** BDRA (April 2014), IDRA (May 2014) Access Data Live Online Training (February 2016 to November 2016), MAC Analysis (April 2017)

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## 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:**

1. All CyberTips received by the Missouri ICAC will be reviewed by the CyberTip Manager and assigned through the ICAC Data System.
2. Upon review, if the CyberTip manager cannot establish a crime or the tip contains incomplete information, the CyberTip will be updated as closed/unfounded.
3. The CyberTip manager will transfer the CyberTips to the appropriate Missouri ICAC Regional Task Force with feedback being automatically generated to NCMEC and assigned to the Regional Task Force supervisor, for review. The Task Force supervisor assigns the CyberTip to an investigator for download.
4. The investigator assigned the CyberTip will draw a case number for the Task Force internal case management system for cross reference purpose
5. The CyberTip is reported as part of the monthly ICAC and State grant statistical reporting
6. The Investigator will verify the CyberTip to have merit and/or a crime the investigator will conduct the investigation consistent with ICAC guidelines and standards, along with department policies. If the CyberTip is deemed to have no merit or a crime being committed, the CyberTip will be closed.
7. All priority 1 or 2 cases should be opened and reviewed within 2 hours to review and make any necessary steps to act on the report. Any investigations needed to follow Allup shall be done in a timely process.
8. Status of all CyberTips should be updated in the comments section on the ICAC Data System as the case progresses in the note field.
9. If the CyberTip is complete, the CyberTip should be closed out and feedback sent to NCMEC through the ICAC Data System.
10. The Missouri ICAC Commander and CyberTip manager conducts audits/reviews on open CyberTips for each regional task force on a bi-annual basis.

## 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 all 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 available by their employer the Employee Assistance Program (EAP). The EAP is free at no charge with up to 6 visits to assist with counseling the employee when experiencing a variety of challenges and hardships.

The Task Force does recognize that all members need to attend the SHIFT program on a yearly basis for follow up maintenance. The Task Force encourages members to seek additional support from their Employee Assistance Program and/or a private counselor if the employee is feeling 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 "proactive investigations" includes Peer-to-Peer (P2P), undercover chats, ads, etc.*

**With current manpower and resources, does the task force consistently conduct proactive investigations?** Yes

### Narrative

#### Identify the number of officers working proactive

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

Detective Perkins started at the Task Force in 2007 working undercover operations. Detective Perkins has been trained in ICAC Investigative Techniques and Undercover operations. Detective Perkins has been trained in several peer to peer tracking software to detect the trading of child pornography. Detective Perkins currently monitors the peer to peer network for targets in the mid-Missouri service area distributing child pornography. Any leads generated will be investigated by Detective Perkins or assigned to Detective Andy Evans.

In 2015, Detective Evans attended ICAC Undercover Chat investigations and has attended an online ad and advanced online training classes. Detective Evans has made several arrests involving undercover investigations. In 2017, Detective Andy Evans attended peer to peer training and is currently working these type of cases.

#### The areas proactive cases are being conducted

The Task Force serves 7 counties, to include, Boone, Callaway, Cole, Cooper, Howard, Randolph, and Audrain counties.

Currently, all proactive cases are focused and worked in Boone County. The Task Force has never focused on undercover operations in the other counties unless asked by the head agency in an attempt to catch the suspect enticing a juvenile. Undercover operations are more challenging because online accounts are harder to establish a geo-locate to target a particular area.

Furthermore, the Task Force works proactive investigations through peer to peer. This type of operation focuses on all areas of the service area. If a download of child pornography occurs in the service area, the IP address will identify the City associated with the download.

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## 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 performs on-site triaging. The Task Force began triaging evidence on scene approximately 7 years ago to help obtain probable cause to make an on-view arrest on the subject being investigated. Currently, conducting triage for the Task Force is Detective Cody Bounds and Detective Dustin Heckmaster.

Currently, the Task Force has one forensic laptop that allows a forensic examiner to process and triage hard drives, external drives and other media. Depending on the amount of evidence to triage, the Task Force can be held back on previewing evidence because of the lack of equipment.

The Task Force examiners use OS Triage, Paladin and Windows FE, and ADF to preview computers on. In addition, the Task Force utilizes Cellebrite UFED 4 PC for data dumps on all cell phones and tablets.

**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:*

<b>Child Internet Sex Crimes Cases - Investigators</b>	76	73	79
	2017	2016	2015
<b>Child Internet Sex Crimes Cases - Examiners</b>	47	42	41
	2017	2016	2015
<b>Non-Child Internet Sex Crimes Cases - Investigators</b>	1	4	11
	2017	2016	2015
<b>Non-Child Internet Sex Crimes Cases - Examiners</b>	41	35	38
	2017	2016	2015
<b>Total Cases</b>	165	154	169
	Total 2017	Total 2016	Total 2015
<b>% of Cases - Child Internet Sex Crimes</b>	74.55%	74.68%	71.01%
	Percent 2017	Percent 2016	Percent 2015

*List the funding source(s) and the approximate dollar amount of the funding source(s) for non-grant funded costs during calendar year 2017:*

The Task Force had 1 full-time investigator assigned from the Boone County Sheriff's Department. The full-time investigator's salary and benefits are covered 100% monetary contribution by the Sheriff's Department. The Sheriff's Department provides 100% office space, office supplies, equipment, and vehicle for the time the investigator contributes to the Task Force.

The Task Force had 1 part-time assistant prosecutor assigned from the Boone County Prosecutor's office. The part-time prosecutor's salary and benefits are covered 50% monetary contribution by the Prosecutor's office. The Prosecutor's office provides 50% office space, and supplies for the time the prosecutor contributes to the Task Force.

The Task Force had 1 part-time forensic examiner assigned from the University Police Department-Missouri. The part-time forensic examiner's salary and benefits are covered 50% monetary contribution by UMPD. The Investigator's department provides 50% office space, supplies, equipment, and vehicle for the time the forensic examiner contributes to the Task Force.

The Task Force had 1 part-time investigator assigned from the Federal Bureau of Investigations. The part-time investigator's salary and benefits are covered 50% monetary contribution by the Bureau of Investigations. The FBI provides 50% office space, supplies, equipment, and vehicle for the time the investigator contributes to the Task Force.

*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 had 1 full-time investigator assigned from the Boone County Sheriff's Department. The full-time investigator's salary and benefits are covered 100% monetary contribution by the Sheriff's Department. The Sheriff's Department provides 100% office space, office supplies, equipment, and vehicle for the time the investigator contributes to the Task Force.

The Task Force had 1 part-time assistant prosecutor assigned from the Boone County Prosecutor's office. The part-time prosecutor's salary and benefits are covered 50% monetary contribution by the Prosecutor's office. The Prosecutor's office provides 50% office space, and supplies for the time the prosecutor contributes to the Task Force.

The Task Force had 1 part-time forensic examiner assigned from the University Police Department-Missouri. The part-time forensic examiner's salary and benefits are covered 50% monetary contribution by UMPD. The Investigator's department provides 50% office space, supplies, equipment, and vehicle for the time the forensic examiner contributes to the Task Force.

The Task Force had 1 part-time investigator assigned from the Federal Bureau of Investigations. The part-time investigator's salary and benefits are covered 50% monetary contribution by the Bureau of Investigations. The FBI provides 50% office space, supplies, equipment, and vehicle for the time the investigator contributes to the Task Force.

*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 had 1 full-time investigator assigned from the Boone County Sheriff's Department. The full-time investigator's salary and benefits are covered 100% monetary contribution by the Sheriff's Department. The Sheriff's Department provides 100% office space, office supplies, equipment, and vehicle for the time the investigator contributes to the Task Force.

The Task Force had 1 part-time assistant prosecutor assigned from the Boone County Prosecutor's office. The part-time prosecutor's salary and benefits are covered 50% monetary contribution by the Prosecutor's office. The Prosecutor's office provides 50% office space, and supplies for the time the prosecutor contributes to the Task Force.

The Task Force had 1 part-time forensic examiner assigned from the University Police Department-Missouri. The part-time forensic examiner's salary and benefits are covered 50% monetary contribution by UMPD. The Investigator's department provides 50% office space, supplies, equipment, and vehicle for the time the forensic examiner contributes to the Task Force.

The Task Force had 1 part-time investigator assigned from the Federal Bureau of Investigations. The part-time investigator's salary and benefits are covered 50% monetary contribution by the Bureau of Investigations. The FBI provides 50% office space, supplies, equipment, and vehicle for the time the investigator contributes to the Task Force.

## Goal #2 - Task Force Activities

### Objective #3.1 - Case 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	4 2017	7 2016	10 2015
Non-Child Internet Sex Crimes Case Backlog	2 2017	7 2016	8 2015
Total Backlog	6 Total 2017	14 Total 2016	18 Total 2015
% of Backlog - Child Internet Sex Crimes Cases	66.67% Percent 2017	50.0% Percent 2016	55.56% Percent 2015

## Goal #2 - Task Force Activities

### Objective #3.2 - Case Efficiencies

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

Child Internet Sex Crimes Case Turnaround Time (in months)	2.5 2017	1.5 2016	3.0 2015
Non-Child Internet Sex Crimes Case Turnaround Time (in months)	0 2017	0 2016	0 2015

## Goal #2 - Task Force Activities

### Objective #3.3 - Forensic Efficiencies

Identify the number of devices and the respective 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 Forensically Processed In House	140 # Devices - 2017	32367 Gigabytes - 2017	112 # Devices - 2016	22542 Gigabytes - 2016	98 # Devices - 2015	16063 Gigabytes - 2015
Child Internet Sex Crimes Data Outsourced to a Forensic Lab	0 # Devices - 2017	0 Gigabytes - 2017	1 # Devices - 2016	8 Gigabytes - 2016	0 # Devices - 2015	0 Gigabytes - 2015
Non-Child Internet Sex Crimes Data Forensically Processed In House	60 # Devices - 2017	6162 Gigabytes - 2017	85 # Devices - 2016	12215 Gigabytes - 2016	71 # Devices - 2015	6166 Gigabytes - 2015
Non-Child Internet Sex Crimes Data Outsourced to a Forensic Lab	1 # Devices - 2017	32 Gigabytes - 2017	1 # Devices - 2016	8 Gigabytes - 2016	0 # Devices - 2015	0 Gigabytes - 2015

<b>Total Forensically Processed/Outsourced</b>	201	38561	199	34773	169	22229
	Total Devices 2017	Total GB 2017	Total Devices 2016	Total GB 2016	Total Devices 2015	Total GB 2015
<b>% of Forensic Processing/Outsourcing - Child Internet Sex Crimes Cases</b>	69.65%	83.94%	56.78%	64.85%	57.99%	72.26%
	% Devices Child 2017	% Data Child 2017	% Devices Child 2016	% Data Child 2016	% Devices Child 2015	% Data Child 2015

## Goal #2 - Task Force Activities

### Objective #3.4 - Investigative Efficiencies

Identify the number of items previewed during the following calendar years:

<b>Number of Items Previewed</b>	14	28	41
	2017	2016	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? **Yes**

Narrative

**Geographical locations**

The Task Force covers 7 counties, to include, Boone, Callaway, Cole, Cooper, Howard, Randolph and Audrain counties. The Task Force has signed MOU's from 4 member agencies and 20 associate agencies.

**Identify the program**

The Task Force teaches Internet safety, sexting, bullying or any other topic that the organization request.

**Describe program /purpose**

The primary focus of the program is to remind students, parents and the community that the Internet is permanent and the dangers that lurk around the corner when faced with temptations on social media and Internet.

**The Task Force assist in coordinating programs.**

A majority of the Task Force presentations fall in Boone County, to include, schools, civic organizations, and businesses. In 2017, the Task Force presented to schools and organizations in multiple counties. The Task Force conducted 37 presentations with over 3300 attendees.

The majority of the Task Force presentations are coordinated by either a school counselor, principal or program coordinator who wants the Task Force to present Internet safety in their school or outreach program. The Task Force presenter will inquire with a topic that the organization would like to be covered and then the Task Force presenter will then create a presentation or use a current presentation previously presented on said topic.

The Task Force has a website, [bcsdcybercrimes.com/presentation.html](http://bcsdcybercrimes.com/presentation.html) that allows schools and organizations to submit to the Task Force for a request.

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**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?** Yes

**Narrative**

**Geographical locations**

The Task Force covers 7 counties, to include, Boone, Callaway, Cole, Cooper, Howard, Randolph and Audrain counties. The Task Force has signed MOU's from 4 member agencies and 20 associate agencies.

**Outreach effort**

To help law enforcement understand digital investigations, and give law enforcement a contact for support or a question regarding tools/outlets to help process their investigation.

**Identify the Education purpose.**

The primary focus of education would be teaching law enforcement basic skills on preserving, collecting digital documents and seizing evidence for an investigation involving digital technology.

**The Task Force coordinates and assist in coordinating programs.**

In 2016, the Task Force coordinated a 4-hour block DPS post approved class to teach law enforcement titled "Digital Technology and Law Enforcement". The Task Force presented this Post certified training to area law enforcement, to include, all of Boone County deputies and Fulton Police Department.

The Task Force assisted in presentations coordinated by the Missouri Police Chief Association for the Basic SRO classes, held 2 to 4 times a year, School Resource Officer Conferences, the Mid-Missouri Major Case Squad training and the Crisis Negotiation Team.

The Task Force presenter would create the presentation based on digital technology and law enforcement and tailor the information around the needs of the class being presented.

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**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?** Yes

**Narrative**

**Geographical locations**

The Task Force covers 7 counties, to include, Boone, Callaway, Cole, Cooper, Howard, Randolph and Audrain counties. The Task Force has signed MOU's from 4 member agencies and 20 associate agencies.

**Outreach effort**

To help prosecutors know that every case being prosecuted has potential evidence being lost because the lack of evidence preserved by law enforcement, and giving the prosecutors a contact for further support or questions.

**Identify the Education purpose.**

The primary focus of education is teaching State prosecutors and assistance prosecutor's that cyber crime related investigations can have a volume of date and how to gain the evidence for their prosecution. Furthermore, help prosecutors understand when forensically speaking what evidence is preserved and what cannot be preserved on a device.

**The Task Force participates in already cordinated outreach effort.**

The Task Force participates in coordination efforts with the 7 county prosecuting attorney's office.

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. A.P. Crockett has attended multiple training classes in forensic and digital technology field to help educate and better prepare her department and presenting cases in court.

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 and used us for expert witness testimony.

**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?** Yes

**Narrative**

### **Geographical locations**

The Task Force covers 7 counties, to include, Boone, Callaway, Cole, Cooper, Howard, Randolph and Audrain counties. The Task Force has signed MOU's from 4 member agencies and 20 associate agencies.

### **Outreach effort**

To help advocacy centers, juvenile officers and therapist better understand what dangers kids are experiencing on the Internet and the mind of predator.

### **Identify the Education purpose.**

The primary focus of education is teaching local allied professionals to understand the dangers and risk the kids are placing themselves on the Internet and realization that a patient or client that potentially is at risk, possibly other services that can be offered to the patient.

### **The Task Force assist in coordinating programs.**

Since 2007, the Task Force has worked closely with advocacy centers, juvenile officers, caseworkers and therapists throughout our service area.

In 2017, the Task Force assisted with coordinating presentations to fit the topic being sought from the Task Force. In 2017, the Task Force has worked with several agencies, such as, Arthur Center from Mexico, Burrell Behavior Center Columbia and Moberly, and Juvenile Officers Boone County.

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## **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

### **Plan to implement information sharing**

The Task Force will begin sharing information with member and associate agencies, either on a monthly or quarterly basis.

The Task Force will share with member and associate agencies on an individually basis about a particular case the Task Force handled in their jurisdiction and/or a conviction reached with the defendant.

On a quarterly basis, the Task Force will share general information about cell phone application news, Court rulings, arrest or convictions for the entire Task Force jurisdiction.

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## **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

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. 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.

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## **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
- \* 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
- \* New Franklin Police Department
- \* Jefferson City Police Department
- \* Vandalia Police Department

**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

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**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 mid-Missouri 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 through the use of computers, Internet, cellular telephones, and other electronic media against our children of mid-Missouri.

### **SERVICES TO BE PROVIDED BY PROJECT**

The Task Force serves a 7 county area and currently has 4 criminal justice agencies as member associate and 20 associate members. The Task Force has a web site, [bcsdcybercrimes.com](http://bcsdcybercrimes.com) which provides information and resources for families, schools and the community to request services. The website has resources for area law enforcement to have access to forms and request forensic examinations.

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 and the investigation is turned over to the Task Force.

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.

### **WHO WILL PROVIDE SERVICES**

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 handles all reactive and proactive 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 a second forensic examiner, Detective Dustin Heckmaster. Beginning 2018, Detective Heckmaster will be full-time examiner from the University of Missouri Police Department. The University Police Department has been a member agency with the Task Force since 2007. Detective Heckmaster 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.

Since 2010, the Federal Bureau of Investigations has been a member agency with our Task Force. In 2018, the Task Force will have 2 Federal Bureau of Investigations agents, Special Agent Sean McDermott who will handle all Enticement and Sex trafficking investigations, and Special Agent Josh Cooper, will handle the possession and distribution investigations. The FBI makes every effort to assist the Task Force with search warrants and the Task Force investigators assist with Federal search warrants or other matters when requested.

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.

### **HOW THE SERVICES WILL BE PROVIDED**

The Task Force will provide services to the citizens of Boone County and the other counties in our service area by handling investigations, either by, self-reporting, CyberTips and proactive investigations. The Task Force received several upgrades to our forensic unit that allows the forensic examiners to process and thoroughly examine a piece of evidence to gain as much evidence as possible. The Task Force is working hard to cross train investigators in examining cell phones and tablets, so not one sole investigator is responsible for completing the examination and weighing down the investigation.

On a yearly basis the Task Force completes over 35 community presentation requests. The Task Force will continue to offer and support local area schools, organizations and law enforcement when requested to present.

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## **Proposed Service Area**

### **Proposed Service Area**

*Describe the proposed service area by identifying the following information:*

#### **Geographical area**

The Cyber Crimes Task Force serves a seven county area in Mid-Missouri. The Task Force provides 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.

#### **Details to locate the service area-**

To locate our Task Force using the Internet, a simple search for "Boone County Cyber" or "Boone County Task Force", the search results will show "Boone County Sheriff's Department Cyber Crimes Task Force" within the first results page. The Task Force has an active [bcscdycybercrimes.com](http://bcscdycybercrimes.com) webpage for the community and law enforcement.

Furthermore, any law enforcement agency or Prosecuting Attorney's office in the service area may request the Task Force assist with an investigation regarding offenses involving children through the Internet, and forensic examinations on computer, or cellular phone media. The Task Force will continue to assist outside our service area when appropriate and requested.

#### **Total Population**

As of 2015, the total population for the Task Force service area is approximately 370,336.

#### **Other geographical details**

Our Task Force has a signed Memorandum of Understanding with 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.

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## **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, 2018 when the 2018 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, contractual software, 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 past years, the Task Force has received 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 or for any necessary purchases to continue the Task Force operation.

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## Audit Requirements

**Date last audit was completed:** June 28, 2017

**Date(s) covered by last audit:** January 1, 2016 to December 31, 2016

**Last audit performed by:** RubinBrown LLP

**Phone number of auditor:** 314-290-3300

**Date of next audit:** May 2018

**Date(s) to be covered by next audit:** January 1, 2017 to December 31, 2017

**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:** \$894,239.00

**State Amount:** \$2,840,054.00

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## Required Attachments

Attachment	Description	File Name	File Size	Type
Memorandum of Understanding (MOU)	2018 Memorandum of Understanding	Memorandum BCSD Cyber Crimes.pdf	83.3 MB	pdf



# CERTIFIED COPY OF ORDER

STATE OF MISSOURI

March Session of the January Adjourned

Term. 20 18

County of Boone

} ea.

In the County Commission of said county, on the

15th

day of

March

20

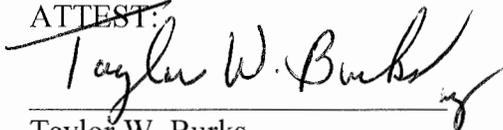
18

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

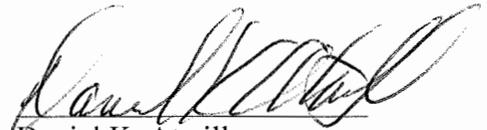
Now on this day the County Commission of the County of Boone does hereby approve the attached Burnett School Road Bridge Project MO FLAP BNCLWY BR(1) – Federal Lands Access Program Project Memorandum of Agreement and does hereby authorize the Presiding Commissioner to execute the Memorandum of Agreement on behalf of Boone County.

Done this 15th day of March, 2018.

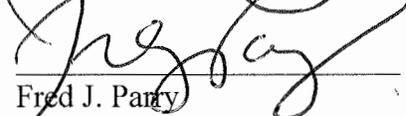
ATTEST:



Taylor W. Burks  
Clerk of the County Commission



Daniel K. Atwill  
Presiding Commissioner



Fred J. Parry  
District I Commissioner

Absent

Janet M. Thompson  
District II Commissioner

**FEDERAL LANDS ACCESS PROGRAM**  
**PROJECT MEMORANDUM OF AGREEMENT**

**Project / Facility Name:** MO FLAP BNCLWY BR(1)

**Project Route:** Burnett School Road (County Road 398)

**State:** Missouri

**Counties:** Boone and Callaway

**Owner of Federal Lands to which the Project Provides Access:** U.S. Forest Service, Mark Twain National Forest

**Entity with Title or Maintenance Responsibility for Facility:** Boone and Callaway County

**Type of Work:**

- Preliminary Engineering: Prepare NEPA documents, finalize design, and acquire necessary permits.
- Right-of-way: Right-of-way to be acquired
- Construction: Replace the existing bridge along Burnett School Road that crosses over Cedar Creek

This Agreement does not obligate (commit to) the expenditure of Federal funds nor does it commit the parties to complete the project. Rather, this Agreement sets forth the respective responsibilities as the project proceeds through the project development process.

**Parties to this Agreement:** FHWA-Eastern Federal Lands Highway Division (EFLHD), Missouri Department of Transportation (MoDOT), Boone County, MO, and Callaway County, MO

The Program Decision Committee approved this project on 9/7/17.

**AGREED:**

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Director, Missouri Department of Transportation Date

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ATTEST: Secretary to the Commission, MoDOT Date

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APPROVED AS TO FORM: Commission Counsel, MoDOT Date

 3-15-18

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Presiding Commissioner, Daniel K. Atwill, Boone County, MO Date

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Presiding Commissioner Callaway, Gary Jungermann, Callaway County, MO Date

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Chief of Business Operations, EFLHD Date

**A. PURPOSE OF THIS AGREEMENT**

This Agreement documents the intent of the parties and sets forth the anticipated responsibilities of each party in the development, construction, and future maintenance of the subject project. The purpose of the Agreement is to identify and assign responsibilities for the environmental analysis, design, right-of-way, utilities, acquisition and construction as appropriate for this programmed project, and to ensure maintenance of the facility for public use if improvements are made. The parties understand that any final decision as to design or construction will not be made until after the environmental analysis required under the National Environmental Policy Act (NEPA) is completed (this does not prevent the parties from assigning proposed design criteria to be studied in the NEPA process.) Any decision to proceed with the design and construction of the project will depend on the availability of appropriations at the time of obligation and other factors such as issues raised during the NEPA process, a natural disaster that changes the need for the project, a change in Congressional direction, or other relevant factors.

If Federal Lands Access Program funds are used for the development or construction of this project, Missouri Department of Transportation, Boone County, and Callaway County agree to provide a matching share equal to 19.31% of the total cost of the project, as detailed more fully in Section J below. FLAP project funds are not to exceed the approved amount of \$693,000.00. Before the expenditure of any funds for which reimbursement will be sought from FHWA, the parties agree to execute a separate obligating document. No reimbursement will be made for expenditures made prior to having an obligating document in place.

**B. AUTHORITY**

This Agreement is entered into between the signatory parties pursuant to the provisions of 23 U.S.C. 204, 226.150 RSMO, 227.030 RSMO, 253 RSMO, RSMO Title VI Section 50.160, and RSMO Title VII Section 71.290.

**C. JURISDICTION AND MAINTENANCE COMMITMENT**

Boone County, MO has jurisdictional authority to operate and maintain the existing facility and Callaway County, MO will operate and maintain the completed project at its expense.

**D. FEDERAL LAND MANAGEMENT AGENCY COORDINATION**

The Missouri Department of Transportation, Boone County, and Callaway County have coordinated project development with the USFS, Mark Twain National Forest. The USFS, Mark Twain National Forest support of the project is documented in the support letter dated December 15, 2016. Each party to this agreement who has a primary role in NEPA, design, or construction shall coordinate their activities with the USFS, Mark Twain National Forest

**E. PROJECT BACKGROUND/SCOPE**

The project consists of replacing the existing bridge along Burnett School Road that crosses Cedar Creek. The existing bridge was closed in October 2016 due to unsafe condition of the structure. Recent bridge inspection reports that the bridge is in serious condition and will need to be replaced.

**F. PROJECT BUDGET**

Item	Estimate (\$)	Comments
EFLHD PROJECT MANAGEMENT	\$13,000.00	
PRELIMINARY ENGINEERING	\$70,000.00	
RIGHT-OF-WAY	\$25,000.00	
CONSTRUCTION ENGINEERING	\$35,000.00	
CONSTRUCTION	\$700,000.00	
OTHER COSTS	\$20,000.00	Contingency
<b>TOTAL PROJECT COST</b>	<b>\$863,000.00</b>	

The EFL project management funds (estimated at \$13,000.00) will require a tapered match using local matching funds. The matching ratio is 19.31%. Project cost based on the current bid amount, the total available FLAP budget may not be sufficient to award the project as defined in the application. As necessary, Boone County or Callaway County will provide additional local funding to address any funding shortfall, subject to appropriations.

**G. ROLES AND RESPONSIBILITIES**

Responsible Party	Product/Service/Role	Comments
EFLHD	<ul style="list-style-type: none"> <li>• Review documentation showing the project is on an approved program of projects and a TIP or STIP</li> <li>• Approve identified design standards/geometrics and the project scope, schedule, and budget</li> <li>• If applicable, review and/or concur with identified lead federal agency and draft environmental documents</li> <li>• Review and adopt NEPA document</li> <li>• Review/approve design exceptions, ROW certifications, utility agreements and, where applicable, railroad agreements</li> <li>• Review and approve 95% PS&amp;E package</li> <li>• Review and/or approve contract package, award package, and all contract modifications</li> <li>• Attend final project inspection. Can be done electronically with photos</li> <li>• Provide assistance in contract disputes and claims if requested by the partner</li> </ul>	

Responsible Party	Product/Service/Role	Comments
MoDOT	<ul style="list-style-type: none"> <li>• Responsible for stewardship and oversight of construction letting, bid review, contract award, and project delivery following standard federal-aid procedures as outlined in 23 CFR</li> <li>• Schedule and invite EFLHD and appropriate parties to public meetings</li> <li>• Submit quarterly reimbursement requests to EFLHD for expenses incurred to maintain financial activity</li> <li>• Provide quarterly progress and financial reports to EFLHD</li> <li>• Schedule and hold pre-construction meetings and construction inspections</li> <li>• Notify EFLHD of any contract disputes or claims</li> <li>• Provide stewardship and oversight and documentation of the following: <ul style="list-style-type: none"> <li>○ Evidence that project is on an approved program of projects and a TIP or STIP</li> <li>○ Design Standards/Geometrics to be used</li> <li>○ Identified design exception approval agency</li> <li>○ Identified lead federal agency</li> <li>○ Anticipated NEPA action</li> <li>○ Copy of draft NEPA documents</li> <li>○ Copy of final NEPA action</li> <li>○ Evidence of permits</li> <li>○ Review of Public Notices</li> <li>○ 95% and final PS&amp;E packages</li> <li>○ Design exceptions</li> <li>○ ROW certifications</li> <li>○ Utility/Railroad Agreements</li> <li>○ Approval of proprietary products</li> <li>○ Contract award documents for review/concurrence</li> <li>○ Copy of award package</li> <li>○ Proposed contract modifications for concurrence</li> <li>○ Documentation of project close-out</li> <li>○ Copy of As-builts</li> <li>○ Copy of final voucher</li> </ul> </li> </ul>	

Responsible Party	Product/Service/Role	Comments
Callaway County, MO	<ul style="list-style-type: none"> <li>• Responsible for construction letting, bid review, contract award, and project delivery following standard federal-aid procedures as outlined in 23 CFR</li> <li>• Provide construction administration including stewardship and oversight for federal funded projects</li> <li>• Submit quarterly reimbursement requests for expenses incurred to maintain financial activity.</li> <li>• Provide quarterly progress and financial reports</li> <li>• Schedule and invite EFLHD and appropriate parties to public meetings</li> <li>• Schedule and hold pre-construction meetings and construction inspections</li> <li>• Provide data on traffic, accidents, material sources, etc</li> <li>• Notify EFLHD of any contract disputes or claims</li> <li>• Final acceptance of project and project closeout</li> <li>• Assume responsibility of the NPDES permit after project completion</li> <li>• Provide long term maintenance and operation of the facility</li> <li>• Boone County and Callaway County will enter into an intergovernmental cooperative agreement to facilitate this payment</li> <li>• Provide the following documents and information: <ul style="list-style-type: none"> <li>○ Evidence that project is on an approved program of projects and a TIP or STIP</li> <li>○ Design Standards/Geometrics to be used</li> <li>○ Identified design exception approval agency</li> <li>○ Identified lead federal agency</li> <li>○ Anticipated NEPA action</li> <li>○ Copy of draft NEPA documents</li> <li>○ Copy of final NEPA action</li> <li>○ Evidence of permits</li> <li>○ Review of Public Notices</li> <li>○ 95% and final PS&amp;E packages</li> <li>○ Design exceptions</li> <li>○ ROW certifications</li> <li>○ Utility/Railroad Agreements</li> <li>○ Approval of proprietary products</li> <li>○ Contract award documents for review/concurrence</li> <li>○ Copy of award package</li> <li>○ Proposed contract modifications for concurrence</li> <li>○ Documentation of project close-out</li> <li>○ Copy of As-builts</li> <li>○ Copy of final voucher</li> </ul> </li> </ul>	

Responsible Party	Product/Service/Role	Comments
Boone County, MO	<ul style="list-style-type: none"> <li>Boone County will pay Callaway County directly a sum not to exceed Eighty Five Thousand Dollars (\$85,000.00) for its one-half portion of the local match requirement. Boone County and Callaway County will enter into an intergovernmental cooperative agreement to facilitate this payment.</li> </ul>	

#### **H. ROLES AND RESPONSIBILITIES – SCHEDULE**

Responsible Lead	Product/Service/Role	Schedule Start-Finish
Callaway Co	NEPA Document	01/18 – 03/18
Callaway Co	Final Design	03/18 – 12/18
Callaway Co	Advertisement	12/18 – 01/19
Callaway Co	Construction Engineering	02/19 – 09/19
Callaway Co	Construction	02/19 – 09/19
Callaway Co	Contract Closeout	09/19 - 10/19

#### **I. PROPOSED DESIGN STANDARDS**

Final design standards will be determined through the NEPA process.

Criteria		Comments
Standard	AASHTO	
Functional Classification	Local Road	
Surface Type	Gravel	
Design Volume	400	

#### **J. FUNDING**

Fund Source	Amount	Comments
Federal Lands Access Program Funding	\$693,000.00	
Boone and Callaway County Local Cash Match	\$170,000.00	
<b>TOTAL</b>	<b>\$863,000.00</b>	

The matching fund share will be documented with a PR-2 to be submitted by MoDOT following submittal of required stewardship documents.

#### **K. MATCHING SHARE REQUIREMENTS**

Matching or cost sharing requirements may be satisfied following the obligation of funds to the project by: allowable costs incurred by the State or local government, cash donations, the fair and reasonable value of third party in-kind contributions (but only to the extent that the value of the costs would be allowable if paid for by the party

responsible for meeting the matching share), including materials or services; however no costs or value of third party contributions may count towards satisfying the matching share requirements under this agreement if they have or will be counted towards meeting the matching share requirements under another federal award.

Costs and third party contributions counting toward satisfying a cost sharing or matching requirement must be verifiable from the records of the party responsible for meeting the matching requirements. The records must demonstrate how the value of third party in kind contributions was derived. Voluntary services sought to be applied to the matching share will be supported by the same methods that the party to this agreement uses to support allocability of personnel costs. Any donated services provided by a third party will be valued at rates consistent with those ordinarily paid by employers for similar work in the same labor market. Supplies furnished will be valued at their market value at the time of donation. Donated equipment or space will be valued at fair rental rate of the equipment or space. All records associated with valuations or costs under section K shall be accessible and be maintained for three years following project close-out.

**L. PROJECT TEAM MEMBERS - POINTS OF CONTACT**

The following table provides the points of contact for this project. They are to be the first persons to deal with any issues or questions that arise over the implementation of each party's role and responsibility for this agreement

Name	Title	Agency	Element	Phone & Email
Jacinda Russell	EFLHD Access Program Manager	EFLHD	Project Management	571-434-1543 <a href="mailto:Jacinda.Russell@dot.gov">Jacinda.Russell@dot.gov</a>
Charlie Costello	Program Planning Specialist	EFLHD	Coordination	571-434-1558 <a href="mailto:Charlie.Costello@dot.gov">Charlie.Costello@dot.gov</a>
Paul Winkelmann	Local County Engineer	Callaway County	Local Project Management	573-642-0740 <a href="mailto:pwinkelmann@callawaycounty.org">pwinkelmann@callawaycounty.org</a>
Gary Jungermann	Presiding Commissioner	Callaway County	Local Coordinator County Commissioner	573-642-0737 <a href="mailto:comish@callawaycounty.org">comish@callawaycounty.org</a>
Randy Kleindienst	Eastern District Commissioner	Callaway County	Associate Commissioner	573-642-0737 <a href="mailto:comish@callawaycounty.org">comish@callawaycounty.org</a>
Roger Fischer	Western District Commissioner	Callaway County	Associate Commissioner	573-642-0737 <a href="mailto:comish@callawaycounty.org">comish@callawaycounty.org</a>

Name	Title	Agency	Element	Phone & Email
Joanie Prenger	Sr. Transportation Planner	MoDOT	District LPA Contact	573-751-7399 <a href="mailto:Joanie.Prenger@modot.mo.gov">Joanie.Prenger@modot.mo.gov</a>
Steve Engelbrecht	District Planning Manager	MoDOT	Backup LPA Contact	573-751-7689 <a href="mailto:Steven.Engelbrecht@modot.mo.gov">Steven.Engelbrecht@modot.mo.gov</a>

**M. CHANGES/AMENDMENTS/ADDENDUMS**

The agreement may be modified, amended, or have addendums added by mutual agreement of all parties. The change, amendment, or addendum must be in writing and executed by all of the parties.

The types of changes envisioned include, but are not limited to, changes that significantly impact scope, schedule, or budget; changes to the local match, either in type or responsibility; changes that alter the level of effort or responsibilities of a party. The parties commit to consider suggested changes in good faith. Failure to reach agreement on changes may be cause for termination of this agreement.

A change in the composition of the project team members does not require the agreement to be amended.

It is the responsibility of the project team members to recognize when changes are needed and to make timely notification to their management to avoid project delivery delays.

**N. ISSUE RESOLUTION PROCEDURES MATRIX**

Issues should be resolved at the lowest level possible. The issue should be clearly defined in writing and understood by all parties. Escalating to the next level can be requested by any party. When an issue is resolved, the decision will be communicated to all levels below.

FHWA	MoDOT	Callaway County	Time
Project Manager (Jacinda Russell)	Joanie Prenger, District LPA Contact	Paul Winkelmann	5 Working Days
Planning and Programs Manager	Steve Engelbrecht, District Planning Manager	Paul Winkelmann	5 Working Days
Chief of Business Operations	Natalie Roark, Assistant District Engineer	Gary Jungermann	5 Working Days
Division Director	David Silvester, District Engineer	Gary Jungermann	5 Working Days

**O. TERMINATION**

This agreement may be terminated by mutual written consent of all parties. This agreement may also be terminated if either the NEPA process or funding availability requires a change and the parties are not able to agree to the change. Any termination of this agreement shall not prejudice any rights or obligations accrued to the parties prior to termination. If Federal Access funds have been expended prior to termination, the party responsible for the match agrees to provide a match in the applicable percentage of the total amount expended on the project prior to the termination.

**P. STEWARDSHIP & OVERSIGHT ACTIVITIES**

Based upon the risk assessment, complexity of the undertaking, and capabilities and past performance of the delivery partner, the EFLHD had determined this project to be low risk. The table below identifies necessary Stewardship and Oversight Activities. If items are not delivered timely or in such poor condition that it brings into question the ability to deliver, the issue will be elevated to all participants to the agreement using the issue resolution procedures matrix identified above.

Phase or Activity	Partner Role	EFLHD Role	Comments
<b>Planning &amp; Programming</b>			
Evidence that project is on an approved program of projects	Provide	Review	For funds disbursed by a division, they may know this already
Evidence of being on a TIP or STIP	Provide	Review	
Project agreement with scope, schedule, & budget	Provide	Approve	EFLHD would be a signatory. Would be involved in the drafting to define what S&O deliverables it will receive
<b>Environment</b>			
Lead Federal agency identified	Provide	Concur	FHWA must be a co- lead agency on an EIS
Copy of/review of Draft documents	Provide	Review/ Concur	EFLHD should review to insure they can be adopted by EFLHD
Copy of NEPA action	Provide	File copy	(CE, EA, or EIS)
Evidence of permits	Provide	File copy	
Sign off on FHWA NEPA document	Provide	Adopt or develop parallel Document	EFLHD approval needed

Phase or Activity	Partner Role	EFLHD Role	Comments
<b>Design</b>			
Review 95% PS&E	Provide	Review/Approve	Are required contract provisions included – Common Rule or Fed-Aid?
Review design exceptions	Provide	Review/Approve	If the partner is a State DOT, they would follow their process
Review ROW certifications	Provide	Review/Approve	If ROW is acquired, it must follow Uniform Federal Relocation Act
Utility/Railroad Agreements	Provide	Review/Approve	EFLHD needs certification
<b>Acquisitions</b>			
Review contract package for required clauses (Civil Rights, Davis-Bacon, Buy America/American, etc.)	Provide	Review/Approve	Would not need to do this if the partner is another federal agency or State DOT following Fed Aid procedures.
Concur in award of contract	Provide	Review/Concur	Generally would only get involved if additional funds required
Receive copy of award package	Provide	File copy	EFLHD should have a copy of the package in its files in case inquiries are received
Review or approve contract modifications	Provide	Review/Concur Depends upon nature of CM	Need to assure non-eligible work is not being paid for with program funds
<b>Construction</b>			
Final Project Inspections	Schedule	Attend	FLH should attend the final project inspection for projects above \$500,000.00 in FLAP funds regardless of risk level or elevated risk projects. Final project inspection could be done electronically with photos.
Copy of As-builts	Provide	File copy	
Copy of final voucher	Provide	File copy	
Contract Dispute (Claim)	Notify	Provide assistance if requested	Need to be aware if additional funds are needed

# CERTIFIED COPY OF ORDER

STATE OF MISSOURI }  
County of Boone } ea.

March Session of the January Adjourned

Term. 20 18

In the County Commission of said county, on the 15th day of March 20 18

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

Now on this day the County Commission of the County of Boone does hereby receive and accept the following subdivision plat and authorize the Presiding Commissioner to sign it:

- Stanley Poe Plat 1. S22-T47N-R13W. A-2. David Poe Estate, owner. Curtis E. Basinger, surveyor.

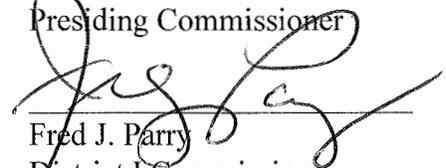
Done this 15th day of March, 2018.

ATTEST:

  
 Taylor W. Burks  
 Clerk of the County Commission



Daniel K. Atwill  
Presiding Commissioner



Fred J. Parry  
District I Commissioner



Janet M. Thompson  
District II Commissioner

# CERTIFIED COPY OF ORDER

March Session of the January Adjourned

Term. 20 18

STATE OF MISSOURI }  
County of Boone } ea.

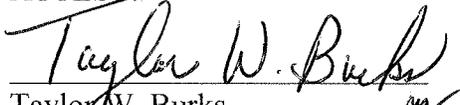
In the County Commission of said county, on the 15th day of March 20 18

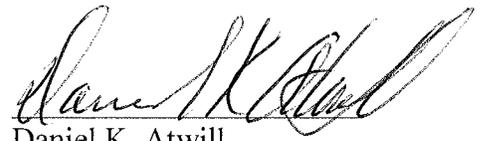
the following, among other proceedings, were had, viz:

Now on this day the County Commission of the County of Boone does hereby approve the attached Consultant Services Agreement between Boone County and A Civil Group for work related to legal descriptions research and drafting for the Collector's 2018 Delinquent Tax Sale.

Done this 15th day of March, 2018.

ATTEST:

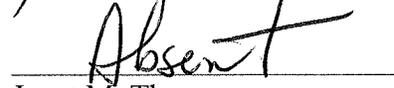
  
Taylor W. Burks  
Clerk of the County Commission



Daniel K. Atwill  
Presiding Commissioner



Fred J. Parry  
District 1 Commissioner



Janet M. Thompson  
Acting Presiding Commissioner

APPROVAL OF PROPOSAL FOR CONSULTANT SERVICES

Effective the 15<sup>th</sup> day of March, 2018, Boone County, Missouri, a political subdivision of the State of Missouri through its County Commission (herein "Owner") hereby approves and authorizes professional services by the Consultant referred to below for the services specified herein.

Consultant Name: **A Civil Group, LLC**

Project/Work Description: Legal Descriptions research and drafting for the Collector's 2018 Delinquent Tax Sale

Proposal Description: Services will be provided as requested by the County Collector at the attached rates, with research to be billed at the rate of \$95.00 per hour, with a total contract not to exceed \$4,000.00 without additional, written approval from the County.

Modifications to Proposal: Owner's representative shall be considered the **Boone County Collector of Revenue**. Consultant shall provide an itemized charge per legal description prepared, in addition to Consultant's monthly invoices for payment, to allow the addition of said direct cost to the relevant parcel as part of the costs of the delinquent tax sale.

This form agreement and any attachments to it shall be considered the approved proposal; signature by all parties below constitutes a contract for services in accordance with the above described proposal and any approved modifications to the proposal, both of which shall be in accordance with the terms and conditions of the General Consultant Services Agreement signed by the Consultant and Owner for the current calendar year on file with the Boone County Resource Management Department, which is hereby incorporated by reference. Performance of Consultant's services and compensation for services shall be in accordance with the approved proposal and any approved modifications to it and shall be subject to and consistent with the General Consultant Services Agreement for the current calendar year. In the event of any conflict in interpretation between the proposal approved herein and the General Consultant Services Agreement, or the inclusion of additional terms in the Consultant's proposal not found in the General Consultant Services Agreement, the terms and conditions of the General Consultant Services Agreement shall control unless the proposal approved herein specifically identifies a term or condition of the General Consultant Services Agreement that shall not be applicable or this Approval of Proposal indicates agreement with a specific term or terms of Consultant's proposal not found in the General Consultant Services Agreement.

**A CIVIL GROUP, LLC**

By [Signature]  
Jay Gebhardt, Chief Operating Member  
Dated: 3-7-18

**BOONE COUNTY, MISSOURI**

By [Signature]  
Presiding Commissioner  
Dated: 3-15-18

**APPROVED AS TO FORM:**

[Signature]  
County Counselor

**ATTEST:**

[Signature]  
County Clerk

**APPROVED:**

[Signature]  
Collector of Revenue

**Certification:**

I certify that this contract is within the purpose of the appropriation to which it is to be charged and there is an unencumbered balance of such appropriations sufficient to pay the costs arising from this contract.

[Signature] 3/8/18 1150-7116  
Auditor Date