



NORTH CAROLINA 911 BOARD MEETING
Friday, February 22, 2019
3514 Bush Street, Raleigh, NC
10:00 AM – 12:30 PM

Call to Order (1 Minute)

Eric Boyette

Roll Call (1 Minute)

Pokey Harris

Tab 1 (1 Minute)

Chairman's Opening Remarks

Eric Boyette

Tab 2 (1 Minute)

Ethics Awareness/Conflict of Interest Statement

Eric Boyette

In accordance with G.S. 138A-15, It is the duty of every Board member to avoid both conflicts of interest and potential conflicts of interest. Does any Board member have any known conflict of interest or potential conflict of interest with respect to any matters coming before the Board today? If so, please identify the actual or potential conflict and refrain from any undue participation in the particular matter involved.

Tab 3 (1 Minute)

Public Comment

Eric Boyette

The NC 911 Board welcomes comments from state and local government officials, first responders, finance directors, 911 directors, citizens and interested parties about any 911 issue(s) or concern(s). Your opinions are valued in terms of providing input to the NC 911 Board members. When addressing the Board, please state your name and organization for the record and speak clearly into the microphone.

Tab 4 (20 Minutes)

**Recognition of Second
Graduating Class of the PSAP
Executive Management
Program**

**Dr. Robbie Taylor, Vice
President-Workforce and
Economic Development, RCC
Eric Boyette and Pokey Harris**

PSAP Executive Management Program

Second Graduating Class

Kelly	Alvarez	Charlotte Mecklenburg PD
Matthew	Brown	High Point 911
Nicholas	Brown	Surry County 911 Communications
Trent	Brummitt	Granville County Sherriff's Office Emergency Communications
Maureen	Connolly	Mooresville PD
Susan	Davis	Mooresville PD
Johnathon	Denton	Jackson County 911
Angela	Earl	Rocky Mount PD
Travis	Essic	Davidson County 911/Harnett County 911
Jennifer	Etheridge	Wilson Cunty Emergency Communications
William	French	Lumberton Emergency Services
Amber	Glisson	Hendersonville PD
Jeremy	Gregg	Polk County 911
Grayson	Gusa	Davie County 911 Communications
Melissa	Harmon	Watauga County Communications
Jimmy	Hodges	Pitt County Emergency Management
Vivian	Lassiter	Vance County Emergency Operations
Lori	Laughlin	High Point 911 Communications
Ebony	Lyons	Rocky Mount PD
Mary	Newns	Currituck County Emergency Communications
Walter	Owens	Rowan County 911
Kam	Parker	Jackson County 911
Michael	Patterson	Holly Springs PD
Cassandra	Reid	Burke County Emergency Communications/Watauga/Boone PD
Robert	Reid	Catawba County 911 Communications
Jennifer	Stewart	Charlotte Mecklenburg PD Communications
Aslyne	Tate	Polk County 911 Communications
Virginia	Ward	Henderson County Sheriff's Office
Morgan	Wood	Harnett County Sheriff's Office
Phillip	York	Rowan County 911
Dylan	Zachary	Brevard PD
Rebecca	Zamagni-Mander	Mecklenburg EMS Agency/Mooresville PD

Tab 5 (10 Minutes)

**Telecommunicator
Recognitions**

**Eric Boyette, Pokey Harris,
Angie Turbeville, and Tina
Gardner**

5 a)

**Nena Jacobs,
Telecommunicator
Rowan County 911
Choking Child Respiratory
Arrest Save**

Nena Jacobs, Telecommunicator - Rowan County 911

On 5/2/2018, Rowan County 911 received a call from a mother en route to her home where the father had called her to say the child was not breathing. The Telecommunicator, Nena Jacobs gathered the information from the mother and quickly had units en route. She then called the home and began giving the father CPR instructions. Upon the arrival of responders and in a short time the child was breathing on his own, was awake, and responding to the medic.

According to Medic Thomas Mills, "Nena saved that child's life. The boy had swallowed a fairly large screw (the reason for the blood coming from the mouth) and it lodged in his airway and the child went into respiratory arrest. It appears during the CPR the screw dislodged and moved on thru the digestive tract and I assume will be surgically removed, but at any rate the airway was opened, and the child was responsive at last contact at the hospital. Great Job Nena!"

As reported by Assistant Supervisor, Bubba Gregory

5 b)

Amanda Nguyen, Telecommunicator

Iredell County 911

Drowning Child at Local Pool –

Personal Assistance Save

4 Adult Cardiac Saves

Amanda Nguyen, Telecommunicator - Iredell County 911

On 08/17/2018, Iredell County 911 Telecommunicator Amanda Nguyen was enjoying a day of fun and relaxation at Carowinds Splash Country. Little did she know that she would have an opportunity to do what she does daily at Iredell ECOM, impact the life of a citizen in a life or death situation.

That same day, a youth group from Charlotte was enjoying getting a break from the sweltering summer heat by wading in the wave pool at Splash Country. The kids from the youth group were enjoying the many waves in the pool but soon it became clear that a young boy, approximately 8-10 years of age, was struggling to stay above the waves. Noticing that the lifeguards did not notice what was happening and did not respond to repeated requests to help, TC Nguyen jumped into action. As TC Nguyen made her way to the boy, she noticed he was too weak to make the swim to the ladder in the pool to be lifted to safety. TC Nguyen, without regard to her personal safety as the waves were still coming, grabbed a hold of the child and dragged him to safety. Noticing that he still wasn't acting right, TC Nguyen made contact with one of the camp counselors who in turn had the camp nurse check the child out.

This is but one example of the many times that TC Nguyen has shown significant skill and caring for the citizens of not only her jurisdiction, but for anyone she comes in contact with that may be in dire straits. As a matter of fact, TC Nguyen was honored by Iredell County EMS with 4 lifesaving awards at the first of the year as a result of her playing an instrumental role in the care process by getting hands on chest quickly and providing CPR instructions over the phone that resulted in a successful outcome for the victim of a cardiac emergency....an outcome that could've turned out very differently if not for TC Nguyen's instructions.

In another instance, Tim Will was driving through Iredell County when he had to pull over into a parking lot of a service station and call 911. Unbeknownst to him, Mr. Will was encountering the widow-maker, a type of heart attack that occurs when there is 100% blockage in the left artery. Without immediate life saving measures, the heart stops so quickly there is little chance of survival. This is why it is called the widow-maker. When Mr. Will called 9-1-1, TC Nguyen answered the 911 call. "She stayed on the phone with me asked me if I had any baby aspirin close by I could take. She stayed on the phone with me the whole time...she did not leave me. The store owner came out with 4 baby aspirin in his hand, realizing that it appeared I was having a heart attack", Mr. Will recalled as he explained the events that unfolded to the 911 Director Candy Strezinski. "Your operation was part of a process that saved my life. Had any component failed, you would be reading my obituary instead of this message. You all defeated the Widow-maker. And I can't be thankful enough." Tim continued. He wanted to meet the person who helped him. Mr. Will is out of the hospital and planned to drive back to Statesville on December 12 to stop at the 911 center in person to meet, and thank, TC Nguyen for her quick response, without which he would not have survived. "I didn't know Statesville or Iredell County before that day but it is a place I will never forget" stated Mr. Will.

It takes a very special person to become a Telecommunicator. TC Nguyen displays her passion for this job each and every day, whether it's over the phone or in her day to day life. And as a result, she truly exemplifies the heart of what it means to be a 9-1-1 Telecommunicator.

Tab 6 (10 Minutes)

**Election of 911 Board Vice
Chair for 2019**

**Pokey Harris
(Vote Required)**

Tab 7 (3 Minutes)

Consent Agenda

**Pokey Harris
(Consent Vote Required)**

**(Related Documents for Consent Agenda Follow at
the End of Consent Tab Items)**

7 a)

Minutes of Meeting – January 18, 2019

7 b – e)

b) NG 911 Fund

January 2019 Fund Balance \$41,323,813.34

January 2019 Disbursement **-\$10,688.70**

c) CMRS Fund

January 2019 Fund Balance \$6,141,569.39

January 2019 Disbursement **-\$57,226.75**

d) PSAP Fund

January 2019 Fund Balance \$10,993,712.99

January 2019 Disbursement **-\$4,273,829.24**

e) Grant Fund

January 2019 Fund Balance \$34,078,858.08

January 2019 Encumbered **-\$29,610,780.20**

7 f)

Grant Project Updates per Reports

7 g)

Orthoimagery December 2018 Reports

(Related Documents for Consent Agenda Follow at the End of Consent Tab Items)

North Carolina 911 Board Meeting
MINUTES
WebEx and Conference Bridge
Friday, January 18, 2019
10:00 AM – 12:00 PM

<u>Members Present</u>	<u>Staff Present</u>	<u>Guests</u>
David Bone (NCACC) Martin County - <i>via phone</i>	Tina Gardner (DIT)	*Several from the PSAP Community joined the call but individual names were not captured*
Secretary Eric Boyette (NC CIO) Board Chair - <i>via phone</i>	Pokey Harris (DIT)	
Heather Campbell (CMRS) Sprint - <i>via phone</i>	Danette Jernigan (DIT)	
Eric Cramer (LEC) Wilkes Communication - <i>via phone</i>	Jesus Lopez (DIT)	
Greg Foster (Director, Comm.) NC Association of Rescue EMS - <i>via phone</i>	Gerry Means (DIT)	
J.D. Hartman (Sheriff) Davie County - <i>via phone</i>	Don Rice (DIT)	
Jeff Ledford (NCACP) City of Shelby PD - <i>via phone</i>	Marsha Tapler (DIT)	
John Moore (VoIP) Spectrum Communications - <i>via phone</i>		
Niraj Patel (CMRS) Verizon - <i>via phone</i>		
Jude O'Sullivan (CMRS) Carolina West - <i>via phone</i>		
Mike Reitz (APCO) Chatham Co 911 - <i>via phone</i>		
Jeff Shipp (LEC) Star Telephone - <i>via phone</i>		
Amy Ward (LEC) CenturyLink - <i>via phone</i>		
Donna Wright (NENA) Richmond Co Emergency Services - <i>via phone</i>		
<u>Members Absent</u>	<u>Staff Absent</u>	
Bo Ferguson (Deputy City Manager) Durham County	Richard Bradford (DOJ)	
Chuck Greene (LEC) AT&T	Ronnie Cashwell (DIT)	
Buddy Martinette (Fire Chief, Wilmington) NCSFA	Angie Turbeville (DIT)	

Call to order — Pokey Harris called the meeting to order at 10:01 AM, welcoming everyone and thanking them for participating. Vice Chair David Bone asked Ms. Harris to call the roll of attendees.

1. Chairman's opening remarks — Chairman Boyette welcomed everyone to the meeting and thanked them for taking the time out of their busy day to join the call.

2. Ethics Awareness/Conflict of Interest Statement — Chairman Boyette read the Ethics Awareness/Conflict of interest statement printed in the agenda. There were no conflicts.

3. Public Comment — Chairman Boyette read the invitation to public comment printed in the agenda, but no one had pre-registered to speak and no one present or on the phone asked to.

4. Consent Agenda— Chairman Boyette asked Ms. Harris to proceed with the consent agenda. Ms. Harris stated that a corrected version of the agenda had been posted to the website. Also, Jude O’Sullivan’s name was misspelled and would be corrected before last month’s minutes are posted as approved.

- a) Minutes of Previous Meeting – December 7, 2018
- b) NG 911 Fund
 - November 2018 Fund Balance \$27,867,858
 - November 2018 Disbursement **-\$15,088**
 - December 2018 Fund Balance \$40,483,294
 - December 2018 Disbursement **-\$13,699**
- c) CMRS Fund
 - November 2018 Fund Balance \$5,406,737
 - November 2018 Disbursement **-\$349,034**
 - December 2018 Fund Balance \$5,546,074
 - December 2018 Disbursement **-\$450,008**
- d) PSAP Fund
 - November 2018 Fund Balance \$6,744,278
 - November 2018 Disbursement **-\$4,273,829**
 - December 2018 Fund Balance \$8,727,79
 - December 2018 Disbursement **-\$4,273,829**
- e) Grant Fund
 - November 2018 Fund Balance \$46,994,633
 - November 2018 Disbursement **-\$30,856,441**
 - December 2018 Fund Balance \$34,343,095
 - December 2018 Disbursement **-\$29,930,421**
- f) Grant Project Updates per Reports
- g) Peer Review Approvals – Presented as Recommendations of Standards Committee
 - i. Vicki Callicutt
 - ii. Megan Daub
 - iii. Greg Dotson
 - iv. Mark Reavis
 - v. Tracy Trogdon
- h) Orthoimagery September, October and November 2018 Reports

Chairman Boyette entertained a motion to accept the consent agenda as presented. Donna Wright put forward the motion and it was seconded by Amy Ward. The motion carried unanimously.

5. Executive Director Report

- a) New Board Member Orientation – held December 14, 2018.
- b) Legislative Stakeholder Meeting – held December 19, 2018. Around 60 people participated in the meeting, with much favorable input. A compilation of feedback to be sent to Board and Ad Hoc committee members in the next week. Any additions Board members would like to have added should be turned in as soon as possible.
- c) Federal 911 Grant Program – no notification received. Perhaps this has been impacted by government shutdown.
- d) FY 2018 Biannual Audit – have already received letter of engagement and the preparation process is underway. Ms. Tapler will continue to work on this and a full presentation will be made to the Board at the end of the audit.
- e) Staffing – Don Rice who has been serving as a user support specialist as a contractor, is in the process of on-boarding to also begin supporting the customer service division of DIT. Niki Barnes, Financial Review Specialist, will not be returning to the 911 Board staff. Ms. Harris is working with HR to fill the position as soon as possible. The admin support position also needs to be filled and will be done so as a permanent position versus contract labor. Ms. Harris is also looking to advertise and bring on board the two 911 Regional Coordinator positions. She will keep the Board updated on HR matters as they progress.

- f) Reminder of Nominations for 911 Board Vice Chair – Ms. Harris advised that nominations can be sent in advance of the February meeting or can be made at that time.

6. Education Committee Report – Mike Reitz mentioned that the Committee was working through the eligible training classes and setting a committee definition of improvement program, which has not been defined by State statute. The third Telecommunicator Minimum Training Standards Summit is scheduled for March with details forthcoming.

7. Funding Committee Report – David Bone reported the Committee had a meeting on January 9 and discussed revising the PSAP funding model. With the implementation of NextGen 911 and ESInet there is an opportunity to look at the model in a different way. The Committee spoke about a transition strategy to remove costs from the 5-year rolling average of PSAPs who had made the full migration to ESInet.

The Committee also looked at the CMRS, PSAP and admin percentages and discussed reviewing the percentages annually. No recommendation is ready currently. They also spoke with the Ad Hoc Seat Committee about the base seat count and the formula for overflow seats. The Committee is working to develop a policy recommendation on how the number of personnel used at peak times should factor into the base seat count/overflow positions. They will continue to work on that recommendation. The Committee will also continue discussions on eligible expenditures, including CAD servers and base mobile software.

8. Finance Team Report – Danette Jernigan stated that she travelled to Gates County and met with their County Manager, PSAP Manager, Accounts Specialist, Finance Officer and Emergency Management Director. She answered their questions and worked with them to complete their 2018 revenue-expenditure report. Next week Ms. Jernigan and Marsha Tapler will travel to Rowan County 911 center to meet with five PSAPs to complete their 2018 reports. The finance team continues to work on the outstanding reports.

Ms. Tapler has been working on financial analysis for PSAP funding and the expenditures analysis for the Funding Committee. Also, she has been getting together information to prepare for the audit. Ms. Tapler had a conference call with Buncombe County and has worked through their 2016/2017 reports. They continue to work together on their 2018 report.

9. Grant Committee Report — Heather Campbell reminded everyone a new grant cycle would begin soon. The tentative timeframe for the grant cycle to begin is the first of March. The committee will hold a grant workshop. The location and date will be announced later. The workshop will cover grant priorities, the grant application, what a cycle will look like and will answer any questions.

10. Standards Committee Report — Donna Wright reported the Standards Committee met to discuss the peer reviewer nominations and are working to set up training for them. Two subcommittees were established, one to revisit the technology upgrade plan for PSAPs and another dealing with NextGen to see if updates need to be made to the Committee's rules or policies as NG911 becomes a reality.

11. Technology Committee Report — Jeff Shipp said they have 97 PSAPs committed to the ESInet project. The Committee discussed updates to their ESInet implementation, development of the NMAC facility, and staffing for that facility. Gerry Means has been working with Ms. Tapler and Ms. Harris on contracts and how they will affect the schedule for switching PSAPs to ESInet. Applications for NMAC staff are being considered and equipment has been ordered for the NMAC area at DIT. The evaluation team plans to choose the GIS vendor the first week of February. Gerry also laid out a plan to leverage open capacity in the NG911 conversion schedule by adding additional sites for the third and fourth quarters of 2019. The additions will be necessary to reach the goal of 40 PSAP migrations in 2019. By the second quarter, Mr. Means hopes to have the GIS component running in parallel with the ESInet conversion.

12. 911 Regional Coordinator Reports — Tina Gardner commented the Legislative Stakeholder meeting went well. She has met with the new director of Hertford County. She and Angie Turbeville will

be working closely with her to help her understand the 911 legislation and rules. Ms. Gardner attended a demo of the Viper CPE and both she and Ms. Turbeville attended a mini-regional meeting in Buncombe County. A meeting is planned next week with Alleghany and Wilkes counties to discuss NextGen 911. The Peer Review for Wilson County was conducted with no deficiencies.

13. Other — No other items.

The next Board Meeting will be held on February 22, Bush Street, Raleigh

Adjourn — Chairman Boyette adjourned the meeting at 10:40 AM.

DRAFT

NG 911 FUND

FY2019 beginning Fund Balance:	\$23,982,041.12						
	July 2018	August 2018	September 2018	October 2018	November 2018	December 2018	January 2019
Revenue 10%	\$742,198.28	\$770,273.57	\$759,742.49	\$721,143.23	\$795,804.48	\$766,266.11	\$804,652.25
Interest allocation	\$31,728.53	\$33,344.74	\$35,395.85	\$36,585.89	\$40,170.25	\$44,167.47	\$65,257.05
Grant Fund Transfer						\$11,800,000.00	\$0.00
NG 911 Disbursement	-\$20,521.77	-\$10,496.00	-\$14,521.50	-\$19,943.00	-\$15,088.00	-\$13,699.00	-\$10,688.70
NG 911 Fund Balance	\$24,735,446.16	\$25,528,568.47	\$26,309,185.31	\$27,046,971.43	\$27,867,858.16	\$40,464,592.74	\$41,323,813.34

CMRS FUND

FY2019 beginning Fund Balance:	\$6,246,558.26						
	July 2018	August 2018	September 2018	October 2018	November 2018	December 2018	January 2019
CMRS Revenue 15%	\$559,586.10	\$582,703.11	\$597,782.52	\$528,732.47	\$601,956.80	\$580,775.17	\$643,777.96
Interest allocation	\$8,264.27	\$9,186.20	\$10,268.97	\$6,412.15	\$7,643.11	\$8,569.08	\$8,944.13
Grant Fund Transfer			-\$3,000,000.00				
CMRS Disbursement	\$0.00	\$0.00	-\$403,322.40	\$0.00	-\$349,034.18	-\$450,007.58	-\$57,226.75
CMRS Fund Balance	\$6,814,408.63	\$7,406,297.94	\$4,611,027.03	\$5,146,171.65	\$5,406,737.38	\$5,546,074.05	\$6,141,569.39

PSAP FUND

FY2019 beginning Fund Balance:	\$15,115,621.09						
	July 2018	August 2018	September 2018	October 2018	November 2018	December 2018	January 2019
PSAP Revenue 85%	\$3,170,987.91	\$3,301,984.25	\$3,387,434.27	\$2,996,150.63	\$3,411,088.59	\$3,291,059.29	\$3,648,075.11
Wireline Revenue	\$781,929.85	\$922,998.00	\$637,676.78	\$810,918.75	\$1,600,486.15	\$790,361.46	\$777,408.64
VOIP Revenue	\$968,260.32	\$1,057,440.06	\$1,100,957.88	\$1,024,156.56	\$401,726.78	\$1,023,334.84	\$1,048,765.39
Prepaid Wireless Revenue	\$1,132,222.27	\$998,011.93	\$1,045,454.09	\$1,065,427.55	\$1,075,359.55	\$1,141,900.22	\$1,051,424.05
Interest allocation	\$19,998.15	\$22,854.79	\$26,336.34	\$4,011.47	\$6,717.17	\$10,688.94	\$14,075.27
Subtotal	\$6,073,398.50	\$6,303,289.03	\$6,197,859.36	\$5,900,664.96	\$6,495,378.24	\$6,257,344.75	\$6,539,748.46
Grant Fund Transfer Out			-\$18,045,136.00				
PSAP Distribution	-\$4,235,116.50	-\$4,262,617.06	-\$4,262,617.06	-\$4,262,617.06	-\$4,273,829.24	-\$4,273,829.24	-\$4,273,829.24
PSAP Fund Balance	\$16,953,903.09	\$18,994,575.06	\$2,884,681.36	\$4,522,729.26	\$6,744,278.26	\$8,727,793.77	\$10,993,712.99

PSAP Grant-Statewide 911 Projects Fund

		Total Disbursed								Remaining
		YTD	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Expenditures Grant
			\$30,028,840.94	\$29,003,750.23	\$28,391,979.78	\$48,743,802.60	\$47,703,698.65	\$46,994,633.31	\$34,343,094.96	Balance
FY2016	Award Amount									
Graham County G2016-01	3,401,528.00	-1,663,440.31	-294,534.90				-146,614.50			1,296,938.29
Hyde County G2016-02	1,266,887.00	-1,059,862.39				-130,999.61				76,025.00
Richmond County G2016-03	6,357,537.00	-4,717,991.65				-361,750.73				1,277,794.62
FY2017	Award Amount									
Catawba G2017-1A	296,827.00	-240,058.32								56,768.68
Forsyth G2017-3	1,085,000.00	-408,843.84				-131,613.29				544,542.87
Lincoln G2017-6	2,000,000.00	-545,158.62		-233,437.92						1,221,403.46
Martin G2017-7	5,196,315.00	-268,249.59		-136,984.98				-244,509.34	-261,171.96	4,285,399.13
Mitchell G2017-9	3,163,000.00	-249,251.47	-11,625.63			-339,700.27	-111,499.93	-246,896.17	-39,346.77	2,164,679.76
Moore G2017-10	586,404.00	-546,169.09								40,234.91
Pasquotank G2017-11	1,010,779.00	-531,580.33								479,198.67
Perquimans G2017-12A	176,206.00	-145,352.51	-30,853.00							0.49
Rocky Mount G2017-13A	166,749.00	-19,275.00								147,474.00
Washington G2017-16	344,524.00	0.00								344,524.00
FY2018	Award Amount									
Franklin G2018B-4	1,204,482.00	0.00	-542,025.00		-81,167.75		-323,915.65	-40,709.25		216,664.35
Robeson G2018-01	339,065.00	0.00						-288,398.86		50,666.14
Wilson G2018-B3	157,913.00	0.00								157,913.00
Iredell G2018-B	2,361,230.00	0.00					-156,275.81			2,204,954.19
FY2019	Award Amount									
Wilson G2019-01	4,670.00	0.00								4,670.00
Pender G2019-02	361,760.00	0.00								361,760.00
Greene G2019-03	841,964.00	0.00								841,964.00
Wayne G2019-04	1,530,693.00	0.00								1,530,693.00
STATEWIDE PROJECTS:	Award Amount									
E-CATS II	2,974,002.00	-845,161.71	-66,600.00	0.00						2,062,240.29
Interpretive Services	1,155,000.00	-239,637.56	-51,822.00	-18,766.50	-17,504.25	-19,597.50	-17,403.00	-17,856.75		772,412.44
Ortho Project III Image 17	3,815,129.00	-3,466,793.24	-1,698.05							0.00
Ortho Project III Image 18	3,508,433.00	-1,572,924.74	-65,660.65	-261,679.70	-634,007.20	-124,226.30	-24,206.13	-87,122.64	-14,497.41	724,108.23
Ortho Project III Image 19	3,273,555.00	0.00						-526.64	-4,605.68	3,268,422.68
CRM Statewide One-time Development	250,000.00	0.00								250,000.00
Approved Transfer from PSAP Fund					21,045,136.00			-11,800,000.00		
Interest			39,728.52	39,098.65	39,366.02	67,783.75	70,849.68	74,481.30	55,384.94	
Total Ending Fund Balance		\$ 30,028,840.94	\$29,003,750.23	\$28,391,979.78	\$48,743,802.60	\$47,703,698.65	\$46,994,633.31	\$34,343,094.96	\$34,078,858.08	

Encumbered Grants total: \$ 24,381,452.20
 Outstanding Awarded \$ 5,229,327.98
 Total available fund balance: **\$4,468,077.90**

CASH BASIS REPORTING

Graham County, NC

E911 Enhancement/Replacement

MCP Project Number 15-111

Monthly Progress Report – January, 2019

Activity	This Period	Next Period
1. Design	<ul style="list-style-type: none"> Construction complete 	<ul style="list-style-type: none"> Construction complete
2. Permits	<ul style="list-style-type: none"> Construction complete 	<ul style="list-style-type: none"> Construction complete
3. Construction	<ul style="list-style-type: none"> Construction complete 	<ul style="list-style-type: none"> Construction complete
4. Communications Systems	<ul style="list-style-type: none"> Continued planning for regional backup with routine meetings Biweekly meetings with Southern Software on backup CAD Install backup CAD hardware in Swain County Finalize punch-list items Review of budget and outstanding invoices 	<ul style="list-style-type: none"> Finalize network connectivity with Swain County Determine remaining action items for regional backups Plan testing of backup sites
5. Other Activity	<ul style="list-style-type: none"> MCP held weekly conference calls with the County Graham County received an extension to the grant. 	<ul style="list-style-type: none"> MCP will continue the weekly conference call schedule with the County Continue to assist the County on budget needs

Iredell County PSAP Enhancement and Regional Backup Initiative

PSAP Grant Project

MCP Project Number 16-114

Monthly Progress Report – January, 2019

Activity	This Period	Next Period
1. Design	<ul style="list-style-type: none"> • No actions required 	<ul style="list-style-type: none"> • No actions expected
2. Permits	<ul style="list-style-type: none"> • No actions required 	<ul style="list-style-type: none"> • No actions expected
3. Construction	<ul style="list-style-type: none"> • Construction complete • Provide support of technology installation 	<ul style="list-style-type: none"> • Construction complete • Provide support of technology installation
4. Communications Systems	<ul style="list-style-type: none"> • Continue biweekly meetings with AT&T on call handling • Finalized install of 12 Dispatch furniture consoles • Prepared for installation of audio visual system • Continued biweekly meetings with AT&T on call handling • Internal coordination meetings on technology procurement and installation • Generated a purchase order for CAD hardware • Generated a purchase order for Network Time Server • Reviewed and procured required monitors for dispatch furniture consoles • Continued review of fiber and network needs • Finalized wireless access points • Finalized design of segmented ECOM network • Continued to work with vendors on quotes and procurement 	<ul style="list-style-type: none"> • Finalize network connectivity to ECOM admin offices • Prepare for procurement of network / firewall equipment • Prepare for procurement of radio consoles and required ancillary radio needs • Finalize statement of work and prepare for procurement of CAD migration • Continue migration planning for radio console system • Continue biweekly meetings for procurement planning / timelines for technical systems • Finalize radio system plan and timelines • Review PC workstation needs • Continued coordination with other counties utilizing the facility for backup • Work with Spectrum on TV and data needs • Install audio visual system
5. Other Activity	<ul style="list-style-type: none"> • MCP continued biweekly project meetings with the client 	<ul style="list-style-type: none"> • MCP will continue biweekly project meetings with the client

Lincoln County PSAP, NC

PSAP Grant Project

MCP Project Number 17-125

Monthly Progress Report – January, 2019

Activity	This Period	Next Period
1. Design	<ul style="list-style-type: none"> Continued submittal review 	<ul style="list-style-type: none"> Continue submittal process
2. Permits	<ul style="list-style-type: none"> No actions required 	<ul style="list-style-type: none"> No actions expected
3. Construction	<ul style="list-style-type: none"> Continued overhead rough-in Continued wall rough-in Continued exterior electrical conduit Continued wood blocking on roof Continued masonry Completed air barrier Began roof drainage 	<ul style="list-style-type: none"> Complete exterior electrical conduit Complete dampproofing Complete masonry Complete metal stud framing Complete wall rough-in Complete overhead rough-in Complete roofing Complete fireproofing Complete roof drainage Continue exterior concrete Begin aluminum storefront Begin temporary heating measures Begin fire pump installation
4. Communications Systems	<ul style="list-style-type: none"> Participate in AT&T project status calls Evaluate AT&T site survey results Continued review of power and data requirements for dispatch furniture Continue radio console migration planning Continued review of audio visual system quotes Received approval from Board on recording system procurement Received approval from Board for CAD hardware / software 	<ul style="list-style-type: none"> Continue to participate in biweekly AT&T project meetings Continue radio console migration planning Begin procurement of IT needs, to include monitors, PC Workstations, Networks, Servers and other required technology Schedule kickoff and next steps for recording system Schedule kickoff and next steps for the CAD system Track delivery of the Network Time Server Continue technology planning and timeline meetings

Activity	This Period	Next Period
	<ul style="list-style-type: none"> • Continued planning of network design and procurement • Continued design and procurement next steps for IT needs • Received approval from Board from Network Time Server • Continued technology planning and timeline meetings • Continue to track fiber construction project • Radio monopole completed 	
5. Other Activity	<ul style="list-style-type: none"> • MCP held biweekly project meetings with the client • Lincoln County staff and MCP participated in monthly construction meeting 	<ul style="list-style-type: none"> • MCP will continue biweekly project meetings with the client • Lincoln County staff and MCP will participate in the monthly construction meeting



Martin County PSAP and Regional Backup Facility, NC

PSAP Consolidation Project – Phase II – Grant Project
 Monthly Progress Report – January 2019

MCP Project Number 16-184

Activity	This Period	Next Period
1. Design	<ul style="list-style-type: none"> Continued submittal review 	<ul style="list-style-type: none"> No additional actions planned
2. Permits	<ul style="list-style-type: none"> No additional permits required 	<ul style="list-style-type: none"> No additional permits expected
3. Construction	<ul style="list-style-type: none"> Finish exterior framing, densglass and air barrier Start on upper roofing Install exterior roof drain piping Start on brick work Continue site work Install pole light bases Electrical rough-in inspection within office areas Begin grounding Continued discussion on raised flooring Discussions on UPS / ATS / Generator delivery timing 	<ul style="list-style-type: none"> Finish brick work Begin composite siding Begin hanging sheetrock Finish HVAC ductwork Continue site work and parking lot Continue grounding
4. Communications Systems	<ul style="list-style-type: none"> Continue biweekly meetings with AT&T on hosted call handling Finalize tower design Finalize evaluation of dispatch furniture consoles Work on office / admin furniture Planning of audio visual system Track next steps with radio console system Identify network needs for radio console system Continue discussions on fiber needs to the site Discuss owner provided items Continue technology coordination meetings 	<ul style="list-style-type: none"> Enter into contract with selected dispatch furniture console vendor Continue biweekly coordination calls with AT&T Issue procurement for radio tower Prepare specifications on audio visual needs Begin procurement of security camera system Begin discussions with recording vendor Begin discussions with CAD vendor Align technology timelines

Activity	This Period	Next Period
	<ul style="list-style-type: none"> On-site technology planning with Bertie County Continue generation of IT equipment quotes for review 	<ul style="list-style-type: none"> Continue coordination with Bertie and Pasquotank on facility / technology needs
5. Other Activity	<ul style="list-style-type: none"> MCP conducted periodic conference calls with the clients Participated in on-site construction meeting 	<ul style="list-style-type: none"> MCP will participate in project team meetings with the clients Continued participation in construction meetings



Mitchell County, NC

PSAP Construction and Regional Backup
 Monthly Progress Report – January 2019

MCP Project Number 16-173

Activity	This Period	Next Period
1. Design	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> No further activity
2. Permits	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> Contractor-dependent
3. Construction	<ul style="list-style-type: none"> Completed conduit trench Began brick masonry Completed shingle roofing Completed interior metal partition wall framing Completed driveway fabric and stone Have power to site Began ceiling drywall Began mechanical, electrical, and plumbing rough-in Reviewed and commented on contractor submittals Conducted site reviews (County, MCP, and Stewart Cooper Newell) Took site photographs (MCP and Stewart Cooper Newell) 	<ul style="list-style-type: none"> Continue brick masonry Continue mechanical, electrical, and plumbing work Conduct third-party testing when applicable (ongoing) Conduct site review(s) (ongoing) Attend monthly construction meeting Review contractor submittals Maintain photographic progress
4. Communications Systems	<ul style="list-style-type: none"> Continued to refine technology plan Continued work on tower requirements Continued work on request for proposal (RFP) for radio consoles Reviewed workstation layouts with potential vendor Selected CPE vendor solution Communicated via email and phone with numerous vendors 	<ul style="list-style-type: none"> Complete draft RFP for radio consoles Review draft RFP for radio consoles between County and MCP Publish RFP for radio consoles Continue to refine technology plan Begin tower procurement Continue to refine procurement timeline

Activity	This Period	Next Period
5. Other Activity	<ul style="list-style-type: none"> • Continued to track grant spending • Updated budget tracking spreadsheet • Held status meeting between County and MCP 	<ul style="list-style-type: none"> • Regular communications with project team, as needed • Track grant budget (ongoing) • Hold status meeting between County and MCP

The site has continued to be affected by rain and snow, which has the potential to create delays in the build. The contractor is working to mediate this.







Pasquotank County PSAP, NC

PSAP Consolidation Project

MCP Project Number 16-185

Monthly Progress Report – January, 2019

Activity	This Period	Next Period
1. Design	<ul style="list-style-type: none"> Continued submittal review 	<ul style="list-style-type: none"> No additional actions planned
2. Permits	<ul style="list-style-type: none"> No action 	<ul style="list-style-type: none"> No action
3. Construction	<ul style="list-style-type: none"> Finish exterior framing, densglass and air barrier Start on upper roofing Install exterior roof drain piping Start on brick work Continue site work Install pole light bases Electrical rough-in inspection within office areas Begin grounding Continued discussion on raised flooring Discussions on UPS / ATS / Generator delivery timing 	<ul style="list-style-type: none"> Finish brick work Begin composite siding Begin hanging sheetrock Finish HVAC ductwork Continue site work and parking lot Continue grounding
4. Communications Systems	<ul style="list-style-type: none"> Continued work on tower remediation Evaluate proposals for dispatch furniture consoles Review technology items and determine timelines and next steps Receive quotes on radio system migration to permanent Martin County facility 	<ul style="list-style-type: none"> Continue work on tower remediation and paging system upgrades Finalize and enter into a contract with a dispatch furniture vendor Review and determine next steps on radio migration Begin planning with CAD vendor on migration.
5. Other Activity	<ul style="list-style-type: none"> MCP conducted periodic project communications with the stakeholders Reviewed grant budget 	<ul style="list-style-type: none"> MCP will conduct periodic communications with the stakeholders

Richmond County, NC

PSAP Consolidation and Construction
 Monthly Progress Report – January 2019

MCP Project Number 15-175

Activity	This Period	Next Period
1. Design	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> No further activity
2. Permits	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> No further activity
3. Construction	<ul style="list-style-type: none"> N/A 	<ul style="list-style-type: none"> No further activity
4. Communications Systems	<ul style="list-style-type: none"> Held demonstrations for mobile data terminal (MDT) project Selected MDT vendor Researched cradlepoints for MDT project 	<ul style="list-style-type: none"> Seek approval from County Commissioners for MDT award to selected vendor Seek approval from County Commissioners for cradlepoint contract Award MDT contract Award cradlepoint contract Sign contracts for MDT and cradlepoint procurements
5. Other Activity	<ul style="list-style-type: none"> Consolidated first law enforcement agency Held budget review meeting Continued to track grant budget 	<ul style="list-style-type: none"> Complete consolidation of law enforcement agencies Hold status meeting between County and MCP Continue to track grant budget Regular communications with project team, as needed – ongoing

January 18, 2019

L.V. Pokey Harris
Executive Director
North Carolina 911 Board

This report summarizes the project status for the Northern Piedmont and Mountains Orthoimagery 2018 Project, funded by the NC 911 Board. The report summarizes project status for the period from December 1, 2018 – December 31, 2018.

Accomplishments

The accomplishments by the project team during the period include the following items organized by team member:

CGIA

- Delivered all final imagery products at five regional meetings to all 30 Primary PSAPs in the project area.
- Created streaming online imagery services containing delivered 2018 imagery hosted through NC OneMap.
- Other tasks include regular team meetings and ongoing outreach to federal, state and local partners.

NC Department of Transportation (NCDOT)

- Attended team strategy meetings and weekly status meetings.
- Provided technical support for project planning.

NC Department of Public Safety: NC Geodetic Survey (NCGS)

- Continued horizontal quality control review of delivered imagery products from contractors.
- Issued preliminary approval of horizontal accuracy of delivered imagery files from contractors prior to delivery meetings.
- Began creation of final horizontal quality control reports for each county.

Acquisition Vendors

This section summarizes the accomplishments of the four prime acquisition vendors selected through the Qualifications-Based Selection (QBS) process. The selected vendors are Sanborn Map Company, Atlas Geographic Data, Surdex Corporation, and Spatial Data Consultants. The fully executed contracts were awarded on December 13, 2017. Each of the contracts consists of six primary tasks as follows:

- Task 1 – Flight Planning
- Task 2 – Imagery Acquisition
- Task 3 – Aerotriangulation and Ortho Generation
- Task 4 – Product Delivery and Data Acceptance
- Task 5 – Quality Review and Resolutions Reporting
- Task 6 – Closeout

For the December 2018 reporting period, the status of all tasks is listed below:

Task	Reported Percent Complete (as of latest invoice)			
	Spatial Data Consultants	Sanborn Map Company	Atlas Geographic Data	Surdex Corporation
Task 1: Flight Planning	100%	100%	100%	100%
Task 2: Acquisition	100%	100%	100%	100%
Task 3: Aerotriangulation and Ortho Generation	100%	100%	100%	100%
Task 4: Product Delivery and Data Acceptance	100%	100%	100%	100%
Task 5: Quality Review Resolutions	95%	60%	100%	100%
Task 6: Closeout	70%	0%	0%	100%

[Acquisition of imagery for all 26 counties was completed on April 5th, 2018.]

VOICE Application Contractor:

This section summarizes the accomplishments of Quantum Spatial, the sole-source contractor developing the VOICE QC Application. The fully executed contract was awarded on April 6, 2018. That agreement consists of six primary tasks as follows:

- Task 1: Requirements Workshop
- Task 2: System Design Document
- Task 3: Development
- Task 4: Beta Release Testing
- Task 5: Production Release
- Task 6: Hosting and Project Close

The VOICE QC Application is continuing on schedule. The following tasks were completed or underway through this reporting period:

- Task 6: Hosting and Project Close
 - Finished image service hosting on December 28.

Schedule

The following represents the project's core deliverables milestones for plan and actual status:

Task	Item	Planned Start	Planned Finish	Actual Finish/Percent Complete
1	Project Initiation	7/1/2017	12/31/2017	
	Issue RFQ for Orthoimagery QBS	8/1/2017	8/1/2017	8/1/2017
	Closing date for RFQ responses	8/30/2017	8/30/2017	8/30/2017
	Contract NCGS and NCDOT	8/1/2017	8/1/2017	7/7/2017
	Host workshop for selected applicants	10/3/2017	10/3/2017	10/3/2017
	Technical and cost proposals due	10/17/2017	10/17/2017	10/17/2017
	Negotiate with selected applicants	11/2/2017	11/2/2017	11/2/2017
	Issue Purchase Orders	11/22/2017	11/22/2017	1/8/2018
	Conduct Kickoff Meeting	12/14/2017	12/14/2017	12/14/2017
	Contract QC Service Provider	1/1/2018	1/1/2018	4/6/2018
2	Planning and Design	10/15/2017	4/30/2018	
	CORS Upgrades	10/15/2017	3/1/2018	10/26/2017
	Validation Range	10/15/2017	1/15/2018	8/28/2017
	RTN Maintenance	10/15/2017	Ongoing	
	Control Surveys and Attachment C-1: Control Surveys Report	4/3/2018	4/3/2018	4/6/2018
3A	Acquisition	1/20/2018	5/15/2018	
	Acquire 26 Counties	1/20/2018	4/15/2018	4/5/2018
	Attachment D: Imagery Acquisition Compliance Report	2/1/2018	5/15/2018	5/15/2018
3B	Acquisition Post-Processing	2/1/2018	5/29/2018	
	Attachment E: GNSS-IMU Post Processing & Aerotriangulation Report	3/1/2018	5/27/2018	6/22/2018
	Ortho Generation Workshop	4/19/2018	4/19/2018	4/19/2018
	Study Area Web Map Service	6/8/2018	6/8/2018	6/8/2018
4	Quality Review Production and Product Delivery	8/1/2018	12/7/2018	
	QC Production Cycle	8/1/2018	12/7/2018	11/30/2018
5	Implementation	12/10/2018	3/30/2018	
	Product Delivery	12/10/2018	12/10/2018	12/6/2018
	Implement the NC OneMap Geospatial Portal solution	2/1/2018	Ongoing	
	60 day End-User Evaluation	12/11/2018	2/15/2019	
6	Project Closeout	2/1/2019	6/30/2019	
	Final Data Packaging and Final Reports	2/1/2019	5/31/2019	
	Project Closeout	6/1/2019	6/30/2019	

Budget

The expenditures for the project are summarized below. Note the current reporting period represents December 1, 2018 – December 31, 2018. The total budget for the project is \$3,508,433.

Item	This Reporting Period	Cumulative to Date	Percent Expended to Date
CGIA			
CGIA Labor**	\$0.00	\$157,164.00	38.2%
ITS Hosting and Information Technology	\$1,592.71	\$5,114.48	12.4%
CGIA Travel	\$353.47	\$3,147.95	64.7%
CGIA Reimbursable Expenses	\$0.00	\$0.00	0.0%
CGIA Total	\$1,946.18	\$165,426.43	35.6%
Subcontractors			
NCDPS-NCGS	\$0.00	\$162,773.95	77.4%
NCDOT	\$3,431.23	\$86,976.20	57.7%
Sanborn Map Company	\$0.00	\$542,568.76	93.6%
Atlas Geographic Data	\$0.00	\$607,083.26	94.0%
Surdex	\$5,130.00	\$644,204.51	95.0%
Spatial Data Consultants	\$3,990.00	\$519,640.52	91.7%
VOICE	\$0.00	\$50,000.00	84.0%
Subcontractor Total	\$12,551.23	\$2,613,247.20	90.4%
Total (for Project)	\$14,497.41	\$2,778,673.63	79.2%

**Holding CGIA labor costs until guidance is received on whether positions are funded by appropriations or receipts-based in FY18-19 State Budget

Major Tasks Identified for January 2019

CGIA

- Initiate vendor performance evaluation process.
- Assemble lessons learned and create final report for project.
- Other tasks include regular team meetings and ongoing outreach to federal, state and local partners.

NCDOT

- Attend project meetings.

NCGS

- Complete horizontal quality control final reports.

Project Issues

There are no financial or technical issues to prevent the team from completing the project on time and within budget.

Please contact me by phone at (919) 754-6588 or email at tim.johnson@nc.gov if you have questions about this report or about contractual or administrative aspects of the project. Contact Ben Shelton of CGIA at (919) 754-6377 or email at ben.shelton@nc.gov regarding technical matters related to the project.

Sincerely,

A handwritten signature in black ink that reads "Tim Johnson". The signature is written in a cursive style with a large, prominent "T" and "J".

Tim Johnson, GISP
Director
Center for Geographic Information and Analysis

COMPUTER BILL

BILLABLE CGIA CHARGES
FOR DECEMBER 2018

07:51 Tuesday, January 8, 2019 2

----- APPL=MFN -----

Obs	APPL	COSTCTR	CHGITEM	Qty	charges
1	MFN	1082	870059	3367.35	3367.35
2	MFN	1082	870059	63.88	63.88
3	MFN	1082	870059	3990.00	3990.00
4	MFN	1082	870059	5130.00	5130.00
5	MFN	1082	870059	353.47	353.47
----				-----	-----
APPL				12904.70	12904.70

ACCOUNTS PAYABLE

								12,904.70								
FUND	CENTER	ACCOUNT	PAY ENTITY	CTRL NO	PAYMENT DATE	CHECK NO	INVOICE NO	AMOUNT PAID	VENDOR NO	VENDOR GROUP	VENDOR NAME	INVOICE DATE	LINE ITEM DESCRIPTION	PO NUMBER	PO LINE NO	
7115	1082	532199	41PT	1910	12/3/2018	135411	90691898	3,367.35	566000967	Y	NC DEPT OF TRANSPORTATION	11/19/2018	IMAGE18 - FY18-19	NC10374447	2	
7115	1082	532199	41PT	1920	12/27/2018	135735	90694277	63.88	566000967	Y	NC DEPT OF TRANSPORTATION	12/18/2018	IMAGE18 - FY18-19	NC10374447	2	
7115	1082	532199	41PT	1920	12/27/2018	135732	NPM18-11	3,990.00	561963091	02	SPATIAL DATA CONSULTANTS	12/5/2018	ORTHO GENERATION, PR	NC10410032	2	
7115	1082	532199	41PT	1920	12/27/2018	135730	4392	5,130.00	430690641	B	SURDEX CORPORATION	12/5/2018	ORTHO GENERATION, PR	NC10410034	2	
7115	1082	532721	41PE	1913	12/13/2018	135543	EXP120418-120618	210.18	4495	01	BENJAMIN SHELTON	12/11/2018			0	
7115	1082	532724	41PE	1913	12/13/2018	135543	EXP120418-120618	87.60	4495	01	BENJAMIN SHELTON	12/11/2018			0	
7115	1082	533310	41PE	1913	12/13/2018	135543	EXP120418-120618	55.69	4495	01	BENJAMIN SHELTON	12/11/2018			0	

LABOR

CGIA Labor costs for FY18/19 are being held until CGIA labor billing procedures are finalized by DIT Finance.

APPROVED INVOICES



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

Invoice

Bill To:
ITS-CGIA
ATTN: TIM JOHNSON
PO Box 17209
RALEIGH NC 27609-7209

Order Information
Customer Number: 67549
Invoice Number: 90691898
Purchase Order #: 005882-001_7383_0001 NC10374447
Purchase Order Date: 05/29/2017
Sales Order Number: 621593
Payment Terms: Net due 30 days
Billing Date: 11/19/2018
Due Date: 12/19/2018

Remit To:
North Carolina Department of Transportation
Fiscal Section - Accounts Receivable Unit
1514 Mail Service Center
Raleigh, North Carolina 27699-1514

Contact Person: Stephanie Benson
Phone: (919)707-4208 Ext. 00
Fax: (919)715-8718
Internet: sbenson@ncdot.gov

Invoice Details

Item	Description	Quantity	Unit Price	Amount
0010	NC State Agency Participation Reim. INTERAGENCY REIMBURSEMENT AGREEMENT EXECUTED ON 05/29/17 WITH NORTH CAROLINA DEPARTMENT OF INFORMATION TECHNOLOGY CENTER FOR GEOGRAPHIC INFORMATION AND ANALYSIS CONSISTING OF PROVIDING ORTHOIMAGERY ADVISORY AND TECHNICAL SERVICES FOR THE DIGITAL NORTHERN PIEDMONT AND MOUNTAINS 2018 PROJECT IN 26 COUNTIES OF NORTH CAROLINA. TOTALING APPROXIMATELY 12,349 SQUARE MILES AND 13,771 ORTHOIMAGERY TILES (THE STUDY AREA). COSTS INCURRED FOR THE MONTH OF OCTOBER, 2018 TOTAL \$3,367.35 PER ATTACHED E-MAIL AND DOCUMENTATION RECEIVED FROM RANDY DILLARD OF NCDOT'S PHOTOGRAMMERY UNIT.	1 EA	3,367.35	3,367.35
Total Amount Due				\$ 3,367.35

APPROVED

Digitally signed by Tim Johnson
Date: 2018.11.30 10:39:38 -05'00'

Please return the attached copy of this invoice to ensure proper credit for your payment. Remittances should be made payable to N.C. Department of Transportation.

RECEIVED
By Ben Shelton at 10:08 am, Nov 20, 2018



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

Invoice

Bill To: ITS-CGIA ATTN: TIM JOHNSON PO Box 17209 RALEIGH NC 27609-7209	Order Information Customer Number: 67549 Invoice Number: 90694277 Purchase Order #: 005882-001_7383_0001 NC10374447 Purchase Order Date: 05/29/2017 Sales Order Number: 623760 Payment Terms: Net due 30 days Billing Date: 12/18/2018 Due Date: 01/17/2019
---	---

Remit To:
 North Carolina Department of Transportation
 Fiscal Section - Accounts Receivable Unit
 1514 Mail Service Center
 Raleigh, North Carolina 27699-1514

Contact Person: Stephanie Benson
Phone: (919)707-4208 Ext. 00
Fax: (919)715-8718
Internet: sbenson@ncdot.gov

Invoice Details

Item	Description	Quantity	Unit Price	Amount
0010	NC State Agency Participation Reim. INTERAGENCY REIMBURSEMENT AGREEMENT EXECUTED ON 05/29/17 WITH NORTH CAROLINA DEPARTMENT OF INFORMATION TECHNOLOGY CENTER FOR GEOGRAPHIC INFORMATION AND ANALYSIS CONSISTING OF PROVIDING ORTHOIMAGERY ADVISORY AND TECHNICAL SERVICES FOR THE DIGITAL NORTHERN PIEDMONT AND MOUNTAINS 2018 PROJECT IN 26 COUNTIES OF NORTH CAROLINA. TOTALING APPROXIMATELY 12,349 SQUARE MILES AND 13,771 ORTHOIMAGERY TILES (THE STUDY AREA). COSTS INCURRED FOR THE MONTH OF NOVEMBER 2018 TOTAL \$63.88 PER ATTACHED E-MAIL AND DOCUMENTATION RECEIVED FROM RANDY DILLARD OF NCDOT'S PHOTOGRAMMERY UNIT.	1 EA	63.88	63.88
Total Amount Due				\$ 63.88

APPROVED

Digitally signed
 by Tim Johnson
 Date: 2018.12.21
 10:45:17 -05'00'

Please return the attached copy of this invoice to ensure proper credit for your payment. Remittances should be made payable to N.C. Department of Transportation.

RECEIVED
 By Ben Shelton at 12:57 pm, Dec 18, 2018



1008 Hutton Lane, Suite 109
 High Point, NC 27262
 Phone: (336) 841-1247
 Fax: (336) 841-1248
www.spatialdc.com

INVOICE

Bill To
Center for Geographic Information and Analysis Attn: Tim Johnson, GISP 3700 Wake Forest Rd. Raleigh, NC 27609

Order Information	
Invoice Number	NPM18-11
CGIA Contract Number	IMAGE18-06
Purchase Order Number	NC10410032
Invoice Amount	\$3,990.00
Invoice Date	12/05/18
Performance Period	11/01/18 through 11/30/18

Remit To
Spatial Data Consultants, Inc. 1008 Hutton Lane, Suite 109 High Point, NC 27262

Contact Information
Susan L. Schall, President, CEO sschall@spatialdc.com (336) 841-1247 (office) (336) 906-3261 (cell) (336) 841-1248 (fax)

Invoice Summary (per Primary Task)		
Task	Item Description	Amount
5	Quality Review Resolutions	\$0.00
6	Project Closeout	\$3,990.00
Invoice Total		\$3,990.00

Digitally signed by
 Tim Johnson
 Date:
 2018.12.21
 10:47:04
 -05'00'

APPROVED



RECEIVED
 By Ben Shelton at 9:50 am, Dec 14, 2018



INVOICE

Bill To	Order Information
Center for Geographic Information and Analysis Attn: Tim Johnson 3700 Wake Forest Rd. Raleigh, NC 27609	Invoice Number: 4392 CGIA Contract Number: IMAGE18-04 Purchase Order Number: NC10410034 Invoice Amount: \$5,130.00 Invoice Date: December 5, 2018 Performance Period: November 1 – November 30, 2018

Remit To	Contact Information
Surdex Corporation Accounts Receivable 520 Spirit of St. Louis Blvd. Chesterfield, MO 63005	Harold Feldman Haroldf@surdex.com 636-368-4400 636-368-4401

Invoice Summary (per Primary Task)		
Task	Item Description	Amount
6	Task 6, Final Reports, Attachment G, and Lessons Learned	\$5,130.00
	Total	\$5,130.00

Digitally signed by Tim Johnson
Date: 2018.12.21 10:48:33 -05'00'

APPROVED

RECEIVED
By Ben Shelton at 11:58 am, Dec 12, 2018



**NC Department of Information Technology
REQUEST FOR REIMBURSEMENT OF TRAVEL AND OTHER EXPENSES AND ALLOWANCES
INCURRED IN THE DISCHARGE OF OFFICIAL DUTY--INCLUDING PER DIEM**

INSTRUCTIONS TO CLAIMANT: Attach all necessary receipts and other supporting documents to this form.

Under penalties of perjury, I certify to be a true and accurate statement of just and the city of lodging, expenses, and allowances incurred in the services of the state and that none of these expenses has been or will be reimbursed to me from any other source.

I have examined this reimbursement request and certify that it is reasonable.

DocuSigned by:
Ben Shelton
34A2ED92FC424BC...
12/11/2018 | 1:42 PM
(Claimant) Date

DocuSigned by:
Ed Johnson
39FD43C40E6046D...
12/11/2018 | 3:20 PM
(Director) Date

Center: 7115-1082

All Participants: Enter any necessary notes throughout the process
Approved/Signed TA attached. Gas receipts attached also for Line 3 of the reimbursement form.



(Preparer) I have prepared and examined this reimbursement form and will submitted to The Signed by the claimant

DocuSigned by:
Accounts Payable
FBCC72EEE7BB4C9...
12/11/2018 | 3:38 PM EST

Approved

Travel Reim. Form Rev. 5/2017
BD-403

**NORTH CAROLINA DEPARTMENT OF INFORMATION TECHNOLOGY
REIMBURSEMENT OF TRAVEL AND OTHER EXPENSES INCURRED
IN THE DISCHARGE OF OFFICIAL DUTY**

INSTRUCTIONS TO CLAIMANT: Submit one original to Accounting. Attach all original receipts and other supporting documents to this form. Retain one (1) copy for your records. **Please file within 30 days after month travel ends. Must be prepared in ink or typed.**

ITS Badge Number 4495	Payee's Name (First, Middle Initial, Last) Benjamin, D., Shelton	Division/Section CGIA	Best Contact Phone # 919-754-6377
Address for check mailing 7321 Mill Ridge Rd		(City, State, Zip) Raleigh, NC, 27613	NEW ADDRESS <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Period Covered by this Request (from/to) 12/4/2018 - 12/6/2018	Authority to Travel: <input checked="" type="checkbox"/> Travel Authorization Form <input type="checkbox"/> Board Announcement <input type="checkbox"/> Informal (verbal/email)	(City) Duty Station Raleigh, NC	

Under penalties of perjury I certify this is a true and accurate statement of expenses and allowances incurred in the service of the state and that none of these expenses have been or will be reimbursed to me from any other source.

I have examined this reimbursement request and certify that it is just and reasonable.

(Claimant) (Date) (Supervisor) (Date)

NOTE: Original signature, dates, Advance and Center information are required for processing

Line No.	Amount	Company	Account												(To be completed by Claimant) Center	Description	Accrual Code		
			5	3	2	7	1	1											
001	\$ -	4 1 0	5	3	2	7	1	1									Transp Air - In State		
002	\$ -	4 1 0	5	3	2	7	1	4									Transp Ground - In State		
003	\$ 55.69	4 1 0	5	3	2	7	1	7						7115-1082-IMAGE18			Transp Other - In State		
004	\$ 210.18	4 1 0	5	3	2	7	2	1						7115-1082-IMAGE18			Lodging - In State		
005	\$ 87.60	4 1 0	5	3	2	7	2	4						7115-1082-IMAGE18			Meals - In State		
006	\$ -	4 1 0	5	3	2	7	1	2									Transp Air - Out State		
007	\$ -	4 1 0	5	3	2	7	1	5									Trans Ground - Out State		
008	\$ -	4 1 0	5	3	2	7	1	8									Transp Other - Out State		
009	\$ -	4 1 0	5	3	2	7	2	2									Lodging - Out State		
010	\$ -	4 1 0	5	3	2	7	2	5									Meals - Out State		
011	\$ -	4 1 0	5	3	2	5	2	1									Rental Car Expense		
012	\$ -	4 1 0	5	3													Other Expenses		
013	\$ -	4 1 0	5	3													Other Expenses		
Total Expenses	\$ 353.47																		
Less Advance	\$ -	4 1 0	5	3	2	7	9	9									Travel Advances		
Tot. Due (Owe)	\$ 353.47																		

Depart and return times must be shown. Lunch not allowed on one day trip.

Day	Travel (show each city visited)		(1)	14 Transportation		(2)	24 Meals		(3)	21 Lodging		Misc. Expenses	
	FROM	TO		In-State	Out-of-State		In-State	Out-of-State		In-State	Out-of-State	Explanation	In-State
12/4/18	Raleigh	High Point	G	-	-	B	-	-	-	In-State	-	-	Parking
Time Depart	7:30AM		A	-	-	L	-	-	-	-	-	-	Baggage Handling Tips
Time Return			O	-	-	D	-	-	-	Out-of-State	-	-	Rental Car
Daily Private Car Mileage:		@ \$0.535 /mi.	P	-	-						-	-	Other
Daily Private Car Mileage:		@ \$0.170 /mi.	P	-	-						-	-	Other
Daily Totals				\$ -	\$ -		\$ -	\$ -		\$ -			\$ -
12/4/18	High Point	Yadkinville	G	-	-	B				In-State	-	-	Parking
Time Depart	11:00AM		A	-	-	L	11.00			-	-	-	Baggage Handling Tips
Time Return			O	-	-	D				Out-of-State	-	-	Rental Car
Daily Private Car Mileage:		@ \$0.535 /mi.	P	-	-						-	-	Other
Daily Private Car Mileage:		@ \$0.170 /mi.	P	-	-						-	-	Other
Daily Totals				\$ -	\$ -		\$ 11.00	\$ -		\$ -			\$ -
12/4/18	Yadkinville	Asheville	G	-	-	B				In-State	-	-	Parking
Time Depart	3:00PM		A	-	-	L				-	105.09	-	Baggage Handling Tips
Time Return			O	30.12	-	D	18.90			Out-of-State	-	-	Rental Car
Daily Private Car Mileage:		@ \$0.535 /mi.	P	-	-						-	-	Other
Daily Private Car Mileage:		@ \$0.170 /mi.	P	-	-						-	-	Other
Daily Totals				\$ 30.12	\$ -		\$ 18.90	\$ -		\$ 105.09			\$ -
12/5/18	Asheville	Boone	G	-	-	B	8.40			In-State	-	-	Parking
Time Depart	7:30AM		A	-	-	L				-	-	-	Baggage Handling Tips
Time Return			O	-	-	D				Out-of-State	-	-	Rental Car
Daily Private Car Mileage:		@ \$0.535 /mi.	P	-	-						-	-	Other
Daily Private Car Mileage:		@ \$0.170 /mi.	P	-	-						-	-	Other
Daily Totals				\$ -	\$ -		\$ 8.40	\$ -		\$ -			\$ -
Page 1 Totals				\$ 30.12	\$ -		\$ 38.30	\$ -		\$ 105.09			\$ -

Four Points By Sheraton Asheville
 22 Woodfin Street
 Asheville, NC 28801
 United States
 Tel: 828-253-1851 Fax: 828-252-9205



BENJAMIN SHELTON

Page Number : 1 Invoice Nbr : 237981
 Guest Number : 434540
 Folio ID : A
 Arrive Date : 04-DEC-18 17:15
 Depart Date : 06-DEC-18 08:03
 No. Of Guest : 1
 Room Number : 421
 Club Account : SPG - R2748

Copy Tax Invoice

FPbS Asheville AVLFP DEC-06-2018 08:03 JESSCAR

Date	Reference	Description	Charges (USD)	Credits (USD)
04-DEC-18	RT421	Room Chrg - Govt./Military	93.00	
04-DEC-18	RT421	OCC TAX 6%	5.58	
04-DEC-18	RT421	STATE TAX 7%	6.51	
05-DEC-18	RT421	Room Chrg - Govt./Military	93.00	
05-DEC-18	RT421	OCC TAX 6%	5.58	
05-DEC-18	RT421	STATE TAX 7%	6.51	
06-DEC-18	VI	Visa Card-2290		-210.18

For Authorization Purpose Only

xxxxxx2290

Date	Code	Authorized
04-DEC-18	07237D	213.9

** Total	210.18	-210.18
*** Balance	0.00	

Continued on the next page

INGLES GAS EXP #120
120 Carbon City Rd
Morganton, NC 28655
(828) 437-9848

Date : 12/06/18
Time : 09:10:58am
Tran#: 155694
Seq#: 3409
Auth#: 30959D
Type : VS
XXXXXXXXXXXX2290
Card : VISA

Product: Regular Unlea
Pump# : 2
Price : 2.119
Gallons: 12.067
Amount : 25.57
Total : 25.57

THANK YOU

Welcome to Shell
WELCOME
10056432007
Swannanoa Community
2345 HWY 70
SWANNANOA NC
28778

DATE 12/04/18 16:47
TRAN# 9019370
PUMP# 01
SERVICE LEVEL: SELF
PRODUCT: UNLD
GALLONS: 11.836
PRICE/G: \$ 2.729
FUEL SALE \$ 30.12
CREDIT \$30.12

XXXX XXXX XXXX 2290
VISA
Swiped
APPROVED
AUTH # 03055D
INV # 474816

Please come again
THANK YOU
HAVE A NICE DAY



**NC Department of Information Technology
REQUEST FOR REIMBURSEMENT OF TRAVEL AND OTHER EXPENSES AND ALLOWANCES
INCURRED IN THE DISCHARGE OF OFFICIAL DUTY--INCLUDING PER DIEM**

INSTRUCTIONS TO CLAIMANT: Attach all necessary receipts and other supporting documents to this form.

Under penalties of perjury, I certify to be a true and accurate statement of just and the city of lodging, expenses, and allowances incurred in the services of the state and that none of these expenses has been or will be reimbursed to me from any other source.

I have examined this reimbursement request and certify that it is reasonable.

DocuSigned by:
Ben Shelton
34A2ED92FC424BC...
11/15/2018 | 3:36 PM
(Claimant) Date

DocuSigned by:
Ed Johnson
39FD43C40E6046D...
11/15/2018 | 4:11 PM
(Director) Date

Center: 7115-1082

All Participants: Enter any necessary notes throughout the process
December 4-6 travel authorization



(Preparer) I have prepared and examined this reimbursement form and will submitted to The Signed by the claimant

DocuSigned by:
Accounts Payable
FBCC72EEE7BB4C9...
11/16/2018 | 7:17 AM EST

Approved

Training Auth. Form Rev. 2/18

**NCIT
TRAVEL AND TRAINING
AUTHORIZATION FORM**

DATE SUBMITTED
11/16/18

REASON FOR TRAVEL:

<input type="checkbox"/> TRAINING	<input type="checkbox"/> BOARD MEETING	<input type="checkbox"/> OTHER (SPECIFY):
<input type="checkbox"/> PROFESSIONAL CONFERENCE	<input type="checkbox"/> CONDUCT STATE BUSINESS	

EMPLOYEE(S): Ben Shelton	PURPOSE OF TRIP: Attend meetings to distribute final products of IMAGE18 project to 911 PSAPs throughout project area
------------------------------------	---

COURSE TITLE (if training):	ACCOUNTING INFORMATION: 7115-1082
VENDOR (if training):	* Cost Center (Required for any Expenses)

LOCATION: High Point, Yadkinville, Boone, Marshall, Morganton	SUBSISTENCE EXPENSES - MAXIMUM PER DAY IN-STATE: ACTUAL HOTEL + \$38.30 Total Meals/day OUT-STATE: ACTUAL HOTEL + \$41.00 Total Meals/day
---	--

MODE OF TRANSPORTATION: Enterprise Rental Car

DESCRIBE BENEFIT TO THE STATE AND HOW THIS TRAINING RELATE TO YOUR JOB RESPONSIBILITIES:

TOTAL ESTIMATED EXPENDITURES: \$ 400.78	DATES OF TRAVEL/ TRAINING:	Travel Beginning Date: 12/04/18	Travel Ending Date: 12/06/18
		Training Beginning Date:	Training Ending Date:

ESTIMATED ITEMIZED EXPENDITURES:		# DAYS	IN-STATE	# DAYS	OUT-STATE
LODGING(CFO approval req'd, if >\$175/night)	\$ 210.18	2	\$105.09		
MEALS:	\$ 87.60				
REGISTRATION/OTHER:					
COMMON CARRIER FARES:					
SHUTTLE/TAXI/LIMO:					
BAGGAGE FEES:					
TOTAL MILEAGE:	\$ -				
RENTAL CAR (CFO approval req'd):	\$ 103.00				
OTHER (EXPLAIN):					
TOTAL:	\$ 400.78				
		MILEAGE ESTIMATE CALCULATION			
		<100 Miles	\$0.545	\$ -	
		>Mileage over 100 Miles	\$0.33	\$ -	

I attest that the information provided is the best estimate for my travel or training. I understand that I must file a travel claim within 30 days of travel completion in order to ensure reimbursement.

Employee's Signature _____ Date _____

By authorizing travel, Director or designee acknowledges that sufficient funds are available and travel provides a benefit to the State.	AUTHORIZATION OF DIVISION DIRECTOR OR DESIGNEE	
	Signature _____	Date _____
APPROVED BY IT EXECUTIVE, FINANCE (CFO) (OVERNIGHT TRAVEL AND/OR EXCESS LODGING >\$175)	IT EXECUTIVE, FINANCE (CFO)	
	Signature _____	Date _____

Note: Hotels in excess of the daily rate may be reimbursed without excess lodging approval as long as the total reimbursement does not exceed the maximum allowable daily subsistence rate.	IN-STATE		OUT-STATE	
	# DAYS	HOTEL RATE	# DAYS	HOTEL RATE
	2	\$93.00		
	Excess:	\$43.60	Excess:	\$0.00

IN-STATE MAX= \$71.20 OUT-STATE MAX= \$84.10

APPROVAL IS CONTINGENT UPON AVAILABILITY OF FUNDS AND SUBJECT TO LIMITATIONS IMPOSED BY G.S. 138.6



ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY & STATE CHIEF INFORMATION OFFICER

TO: Tim Johnson, CGIA Director
FROM: Ben Shelton
SUBJECT: Travel Justification: Eastern Piedmont Orthoimagery Regional Distribution Meetings
DATE: November 15, 2018

CGIA is under contract to the N.C. 911 Board to perform services to deliver orthoimagery products to Emergency Operations Centers in 100 counties as part of the Board's Statewide Orthoimagery Program. CGIA serves and is currently engaged as Project Manager for Phase 3 to deliver imagery to 26 counties in the northern piedmont and mountains of North Carolina.

Per contractual requirements of CGIA's agreement with the N.C. 911 Board, CGIA must deliver the final product to Primary PSAP representatives in this region. Therefore, it is the purpose of this memorandum to demonstrate this requirement as justification for CGIA to travel to regional meetings in High Point, NC and Yadkinville, NC on December 4th; then to Boone, NC and Marshall, NC on December 5th; and finally, to Morganton, NC on December 6th. These meetings satisfy contracted requirements, confirm the value of the Board's investment in the Program, and stimulate awareness of the product.

Specifically, at all meetings a staff member representing CGIA, Ben Shelton will attend. An additional staff member, John Derry, representing CGIA will be attending the meetings in Boone and Marshall.

The accompanying travel authorization serves to document the expenses associated with this trip. Travel will be conducted using the DIT Enterprise rental contract. The staff member from Raleigh (Ben Shelton) will travel to Asheville after the first two meetings and accompany the other staff member (John Derry) to the second day of meetings. This will avoid additional expenses of requiring two rental vehicles. Lodging and meal expenses for two nights stay for one staff member (Ben Shelton) are also included.

Please let me know if there is additional information I can provide.

January 30, 2019

L.V. Pokey Harris
Executive Director
North Carolina 911 Board

This status report is the first for Cycle 2, Phase 4 of the Statewide Orthoimagery Program, funded by the NC 911 Board. The project will be referred to as the Southern Piedmont and Mountains Orthoimagery 2019 Project. This report summarizes the project status for the period from July 1, 2018 – December 31, 2018.

Accomplishments

The accomplishments by the project team during the period include the following items organized by team member:

CGIA

- CGIA initiated the project in July 2018 and held weekly project management meetings with the project team.
- Performed initial project management procurement activities.
- Developed sub-contract agreement with the NC Department of Transportation for technical and advisory roles.
- Developed sub-contract agreement with the NC Department of Public Safety for performing horizontal quality control and serving an advisory role.
- Initiated a Qualifications-Based Selection (QBS) process to develop sub-contractor agreements with acquisition contractors.
- Posted the Request for Qualifications through the state Interactive Purchasing System on July 31 and closed on August 23.
- Received and evaluated six RFQ responses. Four contractors were selected with two alternates.
- Developed a draft scope of work and received cost proposals from the four selected contractors.
- Evaluated cost proposals and performed detailed analysis of project cost estimates to facilitate cost negotiations with contractors.
- Compiled all QBS documentation and submitted to DOA – Purchase and Contract Division for review.
- Conducted contractor negotiations on October 31 for a total contractor budget of \$2,250,362, which is \$125,733 under budget.
- Submitted tickets to issue Purchase Orders for contractor agreements and Purchase Orders were issued on December 10.
- Coordinated and held project kickoff meeting on December 13, 2018 with all project team members and contractors.
- Created and distributed project data for contractors.
- Selected and distributed imagery radiometry target to facilitate contractor color balancing.
- Initiated development of the project website and project SharePoint site for sharing documents among the project team and for receiving contracted deliverables from contractors.
- Other tasks include regular team meetings and ongoing outreach to federal, state and local partners.

NC Department of Transportation (NCDOT)

- Attended team strategy meetings and weekly status meetings.
- Assisted with the development of the QBS RFQ.
- Evaluated RFQ proposals.
- Attended RFQ scoring workshop and served as scoring team member.
- Assisted with development of draft scope of work.
- Assisted with contractor cost evaluations and attended negotiations.
- Evaluated and performed detailed analysis of submitted flight plans from contractors.
- Attended project kickoff meeting on December 13, 2018.
- Provided technical support for project planning.

NC Department of Public Safety: NC Geodetic Survey (NCGS)

- Attended team strategy meetings.
- Assisted with the development of the QBS RFQ.
- Evaluated RFQ proposals.
- Attended RFQ scoring workshop and served as scoring team member.
- Performed update of the validation range and CORS maintenance.
- Assisted with contractor cost evaluations and attended negotiations.
- Evaluated submitted validation range reports for new cameras to the project.
- Purchased necessary equipment to support the project and renewed software licenses necessary to support the project.

Acquisition Vendors

This section summarizes the accomplishments of the four prime acquisition vendors selected through the Qualifications-Based Selection (QBS) process. The selected vendors are Atlas Geographic Data, Sanborn Map Company, Spatial Data Consultants, and Surdex Corporation. The fully executed contracts were awarded on December 10, 2018. Each of the contracts consists of six primary tasks as follows:

- Task 1 – Flight Planning
- Task 2 – Imagery Acquisition
- Task 3 – Aerotriangulation and Ortho Generation
- Task 4 – Product Delivery and Data Acceptance
- Task 5 – Quality Review and Resolutions Reporting
- Task 6 – Closeout

For the July through December 2018 reporting period, the status of all tasks is listed below:

Task	Reported Percent Complete (as of latest invoice)			
	Atlas Geographic Data	Sanborn Map Company	Spatial Data Consultants	Surdex Corporation
Task 1: Flight Planning	28%	0%	47%	0%
Task 2: Acquisition	0%	0%	0%	0%
Task 3: Aerotriangulation and Ortho Generation	0%	0%	0%	0%

Task 4: Product Delivery and Data Acceptance	0%	0%	0%	0%
Task 5: Quality Review Resolutions	0%	0%	0%	0%
Task 6: Closeout	0%	0%	0%	0%

[Acquisition of imagery for 21 counties is estimated to begin on February 1st, 2019.]

Schedule

The following represents the project's core deliverables milestones for plan and actual status:

Task	Item	Planned Start	Planned Finish	Actual Finish/Percent Complete
1	Project Initiation	7/1/2018	12/31/2018	
	Issue RFQ for Orthoimagery QBS	7/31/2018	7/31/2018	7/31/2018
	Closing date for RFQ responses	8/23/2018	8/23/2018	8/23/2018
	Contract NCGS and NCDOT	8/1/2018	8/1/2018	11/5/2018
	Host workshop for selected applicants	10/2/2018	10/2/2018	10/2/2018
	Technical and cost proposals due	10/16/2018	10/16/2018	10/16/2018
	Negotiate with selected applicants	10/31/2018	10/31/2018	10/31/2018
	Issue Purchase Orders	11/22/2018	11/22/2018	12/10/2018
	Conduct Kickoff Meeting	12/13/2018	12/13/2018	12/13/2018
	Contract QC Service Provider	1/1/2019	1/1/2019	
2	Planning and Design	10/15/2018	4/30/2019	
	CORS Upgrades	10/15/2018	3/1/2019	
	Validation Range	10/15/2018	1/15/2019	11/1/2018
	RTN Maintenance	10/15/2018	Ongoing	
	Control Surveys and Attachment C-1: Control Surveys Report	4/2/2019	4/2/2019	
3A	Acquisition	1/20/2019	5/15/2019	
	Acquire Imagery for 21 Counties	1/20/2019	4/15/2019	
	Attachment D: Imagery Acquisition Compliance Report	2/1/2019	5/15/2019	
3B	Acquisition Post-Processing	2/1/2019	6/7/2019	
	Attachment E: GNSS-IMU Post Processing & Aerotriangulation Report	3/1/2019	5/27/2019	
	Ortho Generation Workshop	4/17/2019	4/17/2019	
	Study Area Web Map Service	6/7/2019	6/7/2019	
4	Quality Review Production and Product Delivery	7/29/2019	11/16/2019	
	QC Production Cycle	7/29/2019	11/16/2019	
5	Implementation	12/1/2019	2/28/2020	
	Product Delivery	12/1/2019	12/10/2019	
	Implement the NC OneMap Geospatial Portal solution	12/1/2019	Ongoing	

	60 day End-User Evaluation	12/1/2019	2/28/2020	
6	Project Closeout	1/1/2020	5/31/2020	
	Final Data Packaging and Final Reports	1/1/2020	5/31/2020	
	Project Closeout	5/1/2020	5/31/2020	

Budget

The expenditures for the project are summarized below. Note the current reporting period represents July 1, 2018 – December 31, 2018. The total budget for the project is \$3,273,555.

Item	This Reporting Period	Cumulative to Date	Percent Expended to Date
CGIA			
CGIA Labor**	\$0.00	\$0.00	0%
ITS Hosting and Information Technology	\$0.00	\$0.00	0%
CGIA Travel	\$0.00	\$0.00	0%
CGIA Reimbursable Expenses	\$0.00	\$0.00	0%
CGIA Total	\$0.00	\$0.00	0%
Subcontractors			
NCDPS-NCGS	\$0.00	\$0.00	0.0%
NCDOT	\$5,132.32	\$5,132.32	3.6%
Sanborn Map Company	\$0.00	\$0.00	0.0%
Atlas Geographic Data	\$0.00	\$0.00	0.0%
Surdex	\$0.00	\$0.00	0.0%
Spatial Data Consultants	\$0.00	\$0.00	0.0%
VOICE	\$0.00	\$0.00	0.0%
Subcontractor Total	\$5,132.32	\$5,132.32	0.2%
Total (for Project)	\$5,132.32	\$5,132.32	0.2%

**Holding CGIA labor costs until guidance is received on whether positions are funded by appropriations or receipts-based in FY18-19 State Budget

Major Tasks Identified for January 2019

CGIA

- Develop and submit agreement to the VOICE contractor.
- Submit requisition for VOICE purchase order.
- Initiate DIT exception request process for sole source contracting for the VOICE contract.
- Continue to develop project website and SharePoint site.
- Other tasks include regular team meetings and ongoing outreach to federal, state and local partners.

NCDOT

- Attend weekly project meetings.

- Continue to evaluate submitted flight plans and ground control from contractors.
- Evaluate vendor technical reports for NC Validation Range Tasks.
- Continue technical support for project planning.

NCGS

- Attend weekly project meetings
- Perform CORS maintenance when needed in the project area
- Post quality control RFQ

Project Issues

There are no financial or technical issues to prevent the team from completing the project on time and within budget.

Please contact me by phone at (919) 754-6588 or email at tim.johnson@nc.gov if you have questions about this report or about contractual or administrative aspects of the project. Contact Ben Shelton of CGIA at (919) 754-6377 or email at ben.shelton@nc.gov regarding technical matters related to the project.

Sincerely,

A handwritten signature in black ink that reads "Tim Johnson". The signature is written in a cursive style with a large, looping initial "T".

Tim Johnson, GISP
Director
Center for Geographic Information and Analysis

COMPUTER BILL

BILLABLE CGIA CHARGES
FOR NOVEMBER 2018

07:44 Wednesday, December 5, 2018 2

----- APPL=MGH -----

Obs	APPL	COSTCTR	CHGITEM	Qty	charges
7	MGH	1082	870059	526.64	526.64

BILLABLE CGIA CHARGES
FOR DECEMBER 2018

07:51 Tuesday, January 8, 2019 2

----- APPL=MGH -----

Obs	APPL	COSTCTR	CHGITEM	Qty	charges
6	MGH	1082	870059	3519.72	3519.72
7	MGH	1082	870059	1085.96	1085.96
----				-----	-----
APPL				4605.68	4605.68

ACCOUNTS PAYABLE

FUND	CENTER	ACCOUNT	PAY ENTITY	CTRL NO	PAYMENT DATE	CHECK NO	INVOICE NO	5,132.32 AMOUNT PAID	VENDOR NO	VENDOR GROUP	VENDOR NAME	INVOICE DATE	LINE ITEM DESCRIPTION	PO NUMBER	PO LINE NO
7115	1082	532199	41PT	1906	11/5/2018	134998	90688281	526.64	566000967	Y	NC DEPT OF TRANSPORTATION	10/16/2018	IMAGE19 - FY18-19	NC10465392	1
7115	1082	532199	41PT	1910	12/3/2018	135411	90691897	3,519.72	566000967	Y	NC DEPT OF TRANSPORTATION	11/19/2018	IMAGE19 - FY18-19	NC10465392	1
7115	1082	532199	41PT	1920	12/27/2018	135735	90694278	1,085.96	566000967	Y	NC DEPT OF TRANSPORTATION	12/18/2018	IMAGE19 - FY18-19	NC10465392	1

LABOR

CGIA Labor costs for FY18/19 are being held until CGIA labor billing procedures are finalized by DIT Finance.

APPROVED INVOICES



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

Invoice

Bill To:
ITS-CGIA
ATTN: TIM JOHNSON
PO Box 17209
RALEIGH NC 27609-7209

Order Information
Customer Number: 67549
Invoice Number: 90688281
Purchase Order #: 006224-001_7775_0001 **NC10465392**
Purchase Order Date: 08/24/2018
Sales Order Number: 618425
Payment Terms: Net due 30 days
Billing Date: 10/16/2018
Due Date: 11/15/2018

Remit To:
North Carolina Department of Transportation
Fiscal Section - Accounts Receivable Unit
1514 Mail Service Center
Raleigh, North Carolina 27699-1514

Contact Person: Stephanie Benson
Phone: (919)707-4208 Ext. 00
Fax: (919)715-8718
Internet: sbenson@ncdot.gov

Page 1 of 1

Invoice Details

Item	Description	Quantity	Unit Price	Amount
0010	NC State Agency Participation Reim. INTERAGENCY REIMBURSEMENT AGREEMENT EXECUTED ON 08/24/18 WITH NORTH CAROLINA DEPARTMENT OF INFORMATION TECHNOLOGY CENTER FOR GEOGRAPHIC INFORMATION AND ANALYSIS CONSISTING OF PROVIDING ORTHOIMAGERY ADVISORY AND TECHNICAL SERVICES FOR THE DIGITAL SOUTHERN PIEDMONT AND MOUNTAINS 2019 PROJECT IN 21 COUNTIES OF NORTH CAROLINA, TOTALING APPROXIMATELY 10,397 SQUARE MILES AND 11,595 ORTHOIMAGERY TILES (THE STUDY AREA). COSTS INCURRED FOR THE MONTH OF SEPTEMBER, 2018 TOTAL \$526.64 PER ATTACHED E-MAIL AND DOCUMENTATION RECEIVED FROM RANDY DILLARD OF NCDOT'S PHOTOGRAMMERY UNIT.	1 EA	526.64	526.64
Total Amount Due				\$ 526.64
		Digitally signed by Tim Johnson Date: 2018.11.02 10:20:11 -04'00'		

Please return the attached copy of this invoice to ensure proper credit for your payment. Remittances should be made payable to N.C. Department of Transportation.

RECEIVED
By Ben Shelton at 9:00 am, Oct 17, 2018



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

Invoice

Bill To:
ITS-CGIA
ATTN: TIM JOHNSON
PO Box 17209
RALEIGH NC 27609-7209

Order Information
Customer Number: 67549
Invoice Number: 90691897
Purchase Order #: 006224-001_7775_0001 **NC10465392**
Purchase Order Date: 08/24/2018
Sales Order Number: 621592
Payment Terms: Net due 30 days
Billing Date: 11/19/2018
Due Date: 12/19/2018

Remit To:
North Carolina Department of Transportation
Fiscal Section - Accounts Receivable Unit
1514 Mail Service Center
Raleigh, North Carolina 27699-1514

Contact Person: Stephanie Benson
Phone: (919)707-4208 Ext. 00
Fax: (919)715-8718
Internet: sbenson@ncdot.gov

Invoice Details

Item	Description	Quantity	Unit Price	Amount
0010	NC State Agency Participation Reim. INTERAGENCY REIMBURSEMENT AGREEMENT EXECUTED ON 08/24/18 WITH NORTH CAROLINA DEPARTMENT OF INFORMATION TECHNOLOGY CENTER FOR GEOGRAPHIC INFORMATION AND ANALYSIS CONSISTING OF PROVIDING ORTHOIMAGERY ADVISORY AND TECHNICAL SERVICES FOR THE DIGITAL SOUTHERN PIEDMONT AND MOUNTAINS 2019 PROJECT IN 21 COUNTIES OF NORTH CAROLINA, TOTALING APPROXIMATELY 10,397 SQUARE MILES AND 11,595 ORTHOIMAGERY TILES (THE STUDY AREA). COSTS INCURRED FOR THE MONTH OF OCTOBER, 2018 TOTAL \$3,519.72 PER ATTACHED E-MAIL AND DOCUMENTATION RECEIVED FROM RANDY DILLARD OF NCDOT'S PHOTOGRAMMERY UNIT.	1 EA	3,519.72	3,519.72
Total Amount Due				\$ 3,519.72

APPROVED

Digitally signed
by Tim Johnson
Date: 2018.11.30
10:38:28 -05'00'

Please return the attached copy of this invoice to ensure proper credit for your payment. Remittances should be made payable to N.C. Department of Transportation.

RECEIVED
By Ben Shelton at 10:06 am, Nov 20, 2018



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

Invoice

Bill To:
ITS-CGIA
ATTN: TIM JOHNSON
PO Box 17209
RALEIGH NC 27609-7209

Order Information
Customer Number: 67549
Invoice Number: 90694278
Purchase Order #: 006224-001_7775_0001 **NC10465392**
Purchase Order Date: 08/24/2018
Sales Order Number: 623763
Payment Terms: Net due 30 days
Billing Date: 12/18/2018
Due Date: 01/17/2019

Remit To:
North Carolina Department of Transportation
Fiscal Section - Accounts Receivable Unit
1514 Mail Service Center
Raleigh, North Carolina 27699-1514

Contact Person: Stephanie Benson
Phone: (919)707-4208 Ext. 00
Fax: (919)715-8718
Internet: sbenson@ncdot.gov

Invoice Details

Item	Description	Quantity	Unit Price	Amount
0010	NC State Agency Participation Reim. INTERAGENCY REIMBURSEMENT AGREEMENT EXECUTED ON 08/24/18 WITH NORTH CAROLINA DEPARTMENT OF INFORMATION TECHNOLOGY CENTER FOR GEOGRAPHIC INFORMATION AND ANALYSIS CONSISTING OF PROVIDING ORTHOIMAGERY ADVISORY AND TECHNICAL SERVICES FOR THE DIGITAL SOUTHERN PIEDMONT AND MOUNTAINS 2019 PROJECT IN 21 COUNTIES OF NORTH CAROLINA. TOTALING APPROXIMATELY 10,397 SQUARE MILES AND 11,595 ORTHOIMAGERY TILES (THE STUDY AREA). COSTS INCURRED FOR THE MONTH OF NOVEMBER 2018 TOTAL \$1,085.96 PER ATTACHED E-MAIL AND DOCUMENTATION RECEIVED FROM RANDY DILLARD OF NCDOT'S PHOTOGRAMMERY UNIT.	1 EA	1,085.96	1,085.96
Total Amount Due				\$ 1,085.96

APPROVED

Digitally signed
by Tim Johnson
Date: 2018.12.21
10:50:11 -05'00'

Please return the attached copy of this invoice to ensure proper credit for your payment. Remittances should be made payable to N.C. Department of Transportation.

RECEIVED
By Ben Shelton at 1:01 pm, Dec 18, 2018

Tab 8 (7 Minutes)

Executive Director Report

Pokey Harris

Richard Bradford

(Related Documents for Executive Director Report Follow at the End of Executive Director Report Tab Items)

8 a)

Retirement of Terry Baily – Davidson County 911

8 b)

FY 2018 Biennial Audit

8 c)

2019 Biennial Legislative Report

8 d)

2018 State 911 Plan Crosswalk

8 e)

Legislative Update

CONGRATULATIONS



RETIREMENT

of

Terry Bailey

Director of

Davidson County

911

Thirty-One and Half Years of

Dedicated Service

Technology Goal 1				2019 Board Goals (A – H listed below. See 12/7/18 Agenda Book)	Committee
Provide and pay for a statewide hosted Next Generation 911 system.					
Objective Number	Description	Ownership	Target Dates		
1	Amend the definition of a 911 system to include NG911 and to better reflect the complete handling of a 911 call.	911 Board 911 Board Staff	Legislative Session beginning January 2019	A	Ad Hoc
1.1	Amend the current statutory definition of “911 system” by adding the following: Delivers 911 calls to the State NG911 Network as provided by G.S. §143B-1404(e).	911 Board 911 Board Staff	Legislative Session beginning January 2019	A	Ad Hoc
2	Work with the Board’s NG911 system vendor to ensure the NG911 system is built and deployed within contractual specifications and the NENA i3 standard.	911 Board 911 Board Staff NG911 system vendor	12/31/2021	B.3	Tech / Stds
3	Build, equip, and operate the Network Management and Assistance Center (NMAC); train NMAC staff for Tier 1 and Tier 2 support to PSAPs.	911 Board 911 Staff	June 2019	B.3	Tech / Stds
4	Initiate program inclusion with all primary PSAPS as users of the statewide NG911 system.	911 Board 911 Board Staff NG911 system vendor PSAPs	70% by 12/31/18 80% by 07/01/19 85% by 12/31/19 90% by 12/31/20 100% by 12/31/21	A B.1 B.3	Tech/Admin Tech/Stds
5	Work with Board’s NG911 system vendor to ensure that PSAPs migrate to the ESInet from their legacy call	911 Board 911 Board Staff NG911 system vendor	Target dates are those established in contract for	B.1 B.2 B.4	Tech/Admin Admin Tech/Funding

Technology Goal 1				2019 Board Goals (A – H listed below. See 12/7/18 Agenda Book)	Committee
Provide and pay for a statewide hosted Next Generation 911 system.					
Objective Number	Description	Ownership	Target Dates		
	delivery network within contractual specifications and in compliance with NENA i3 standard and NENA Standard 75-001 (NG911 Security).	PSAPs	going live on ESInet		
6	Initiate and complete the process for the migration of secondary PSAPs (as defined and approved by the 911 Board) as users of the statewide NG911 system to coincide with the migration of the primary PSAP.	911 Board 911 Staff NG911 system vendor PSAPs	Dates to be consistent with those established in Objective 5	B.4	Tech/Funding

Technology Goal 2				2019 Board Goals	Committee
Implement a comprehensive Cybersecurity program for the fundamental security of the ESInet, interconnected networks, software, applications, and PSAP users of the ESInet.					
Objective Number	Description	Ownership	Target Dates		
1	Develop documented cybersecurity policies, procedures, requirements, and processes for ESInet users, in compliance with the NENA NG911 i3 Standard and NENA Standard 75-001. Ensure that such policies, procedures, requirements, and processes are updated as needed in	911 Board 911 Board Staff NG911 system vendor	7/1/2019	B.3	Tech/Std

Technology Goal 2				2019 Board Goals	Committee
Implement a comprehensive Cybersecurity program for the fundamental security of the ESInet, interconnected networks, software, applications, and PSAP users of the ESInet.					
Objective Number	Description	Ownership	Target Dates		
	compliance with NENA i3 and other cybersecurity standards as they relate to IP-enabled networks.				
2	Provide 24/7/365 network monitoring and surveillance of the NG911 system.	911 Board 911 Board Staff NG911 system vendor	Ongoing	B.2	Admin

Technology Goal 3				2019 Board Goals	Committee
Explore and investigate the interconnection of PSAP users of the ESInet with other ESInet users and with other networks serving public safety after complete acceptance of the NG911 system from the NG911 system vendor.					
Objective Number	Description	Ownership	Target Dates		
1	Explore ways to further expand the NG911 system in support of PSAPs and 911 service.	911 Technical Committee 911 Board 911 Board Staff NG911 system vendor	After 12/31/2021	B, generally	Technology
2	Work with NG911 system vendor to determine and define technical requirements, responsibilities, conditions, costs, and Service Level Agreements (SLAs) for future interconnectivity with the ESInet.	911 Technical Committee 911 Board 911 Board Staff NG911 system vendor	After 12/31/2021	B, generally	

Technology Goal 3				2019 Board Goals	Committee
Explore and investigate the interconnection of PSAP users of the ESInet with other ESInet users and with other networks serving public safety after complete acceptance of the NG911 system from the NG911 system vendor.					
Objective Number	Description	Ownership	Target Dates		
3	Collaborate, research, and explore, where applicable and appropriate, on technology initiatives that affect 911 service with other jurisdictions and networks that serve public safety.	911 Technical Committee 911 Board 911 Board Staff PSAPs	After 12/31/2021	B, generally C, generally	All

Technology Goal 4				2019 Board Goals	Committee
Build and implement statewide GIS database that will be used as a core service of the NG911 system, to be based on the NENA i3 Standard and other NENA NG911 Standards as they relate to GIS.					
Objective Number	Description	Ownership	Target Dates		
1	Work with North Carolina Center for Geographic Analysis (CGIA) to establish GIS standards for local GIS databases for NG911.	911 Board 911 Board Staff CGIA NG911 GIS contractor PSAPs	Dates consistent with implementation requirements.	A B, C generally G	Tech/Admin Educ/Std
2	Establish and implement maintenance requirements for GIS data to ensure accuracy and to ensure that GIS data is in sync with NG911 system.	911 Board 911 Board Staff CGIA NG911 GIS contractor PSAPs	Dates consistent with implementation requirements.	B.3	Tech/Std

Technology Goal 4				2019 Board Goals	Committee
Build and implement statewide GIS database that will be used as a core service of the NG911 system, to be based on the NENA i3 Standard and other NENA NG911 Standards as they relate to GIS.					
Objective Number	Description	Ownership	Target Dates		
3	Obtain and implement PSAP jurisdictional and other GIS data necessary for NG911 implementation.	911 Board 911 Board staff CGIA NG911 GIS contractor NG911 system vendor PSAPs	Dates consistent with implementation requirements.	B.1 B.2 B.4	Tech/Admin Admin Tech/Funding

Governance Goal 5				2019 Board Goals	Committee
Staff the Board to meet its duties, facilitate all aspects of 911 service, and provide advisory services to PSAPs, pursuant to G.S. § 143B-1402(a)(4).					
Objective Number	Description	Ownership	Target Dates		
1	Create a PSAP Assistance Team to serve as a Board liaison to PSAPs, as well as assist PSAPs with operational, organizational, technological, funding, and training needs.	911 Board 911 Board Staff	12/31/2019	C	Admin/Staff
2	Staff NMAC with experienced and trained staff as needed to provide Tier One and Tier Two proactive and reactive support for the state's PSAPs.	911 Board 911 Board Staff		B.2	Admin

Governance Goal 5				2019 Board Goals	Committee
Staff the Board to meet its duties, facilitate all aspects of 911 service, and provide advisory services to PSAPs, pursuant to G.S. § 143B-1402(a)(4).					
Objective Number	Description	Ownership	Target Dates		
3	<p>Modernize, update and streamline the Board’s financial management systems, processes and procedures, including</p> <ul style="list-style-type: none"> a. Updating eligible uses of 911 funds to account for technological changes; b. Clarifying and simplifying the reimbursement process, including but not limited to simplifying Board staff internal review; c. Providing clear, concise, consistent, and reasonable documentation requirements; and d. Implementing web-based financial management of the Board’s funding operations. 	<p>911 Board 911 Board Staff</p>		E, generally	Funding/Staff

Statutory Goal 6				2019 Board Goals	Committee
Seek legislative amendments to G.S. §143B-1400 <i>et seq.</i> to reflect changes in 911 service, PSAP operations, and Board responsibilities in the Next Generation 911 environment.					
Objective Number	Description	Ownership	Target Dates		
1	Amend, modify, or establish state contracts and pricing for 911 equipment, services, and supplies.	911 Board 911 Board Staff	On-going	E.2	Funding
2	Amend definitions of 911 system to reflect NG911 environment and technology.	911 Board 911 Board Staff	Legislative Session beginning January 2019	A	Ad Hoc
3	Re-define primary PSAP and secondary PSAP to reflect their roles in NG911.	911 Board 911 Board Staff	Legislative Session beginning January 2019	A C	Ad Hoc Admin/Staff
4	Amend funding formula to provide the Board with greater flexibility in the transition period from legacy 911 to NG911.	911 Board 911 Board Staff	On-going	E.1	Funding

Statutory Goal 7				2019 Board Goals	Committee
Seek legislative amendments to G.S. §143B-1400 <i>et seq.</i> to define “Multi-Line Telephone System” (or MLTS) and to provide for the regulation of MLTS, to be consistent with the State’s authority as well as federal law and FCC rules, upon the effective date of federal law.					
Objective Number	Description	Ownership	Target Dates		
1	Upon transition to the NG911 network, begin collecting data on the level of location information at PSAPs, 911 call volume for MLTS calls, and other statistics as cited by the FCC.	911 Board 911 Board staff NG911 system vendor PSAPs	On-going	A	Ad Hoc

Funding Goal 8				2019 Board Goals	Committee
Develop a revenue model for 911 service, NG911 service, PSAPs, and 911 Board operations.					
Objective Number	Description	Ownership	Target Dates		
1	Review, revise, and update the eligible uses of 911 revenue and seek legislative changes as necessary to align with PSAP services in the NG911 environment.	911 Board 911 Board Staff	12/31/19	E	Funding/Staff
2	Improve and optimize the reimbursement process.	911 Board 911 Board Staff PSAPs	12/31/19	E.3	Admin/Funding

3	Foster and facilitate PSAP consolidation and regional collaboration by establishing a process whereby PSAPs pursuing consolidation can request technical, financial, and project management assistance from the 911 Board and 911 Board staff.	911 Board 911 Board Staff PSAPs	On-going	B.4 E.2	Tech/Funding Funding
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Engagement & Public Education Goal 9				2019 Board Goals	Committee
Implement outreach and public education programs to keep the public, NG911 stakeholders, and industry partners informed about the Board's NG911 efforts.					
Objective Number	Description	Ownership	Target Dates		
1	Develop an information sharing program to effectively communicate Board and Staff's vision, initiatives, and responsibilities for NG911.	911 Board 911 Board Staff	On-going	B.3 B.4 G	Tech/Std Tech/Funding Educ/Std
2	Update the Peer Review System to account for changes in PSAP operations and NG911.	911 Board 911 Board Staff PSAPs	On-going	C G	Staff/Std Educ/Std

Training Goal 10				2019 Board Goals	Committee
Establish statewide minimum training standards or rules that are consistent with NENA and APCO standards and best practices for all 911 Telecommunicators, in collaboration with 911 stakeholder groups.					
Objective Number	Description	Ownership	Target Dates		
1	Complete development of training standards and implement, in collaboration and consultation with 911 stakeholder groups.	911 Education Committee 911 Board 911 Board Staff	On-going	G	Educ/Std
2	Create repository of training resources and best practices.	911 Education Committee 911 Board 911 Board Staff	On-going	C G	Staff/Std Educ/Std

2019 Board Goals

- A) Work with the General Assembly to update the State's 911 statutes to facilitate statewide deployment and adoption of Next Generation 911 services.
 - 1) December 31, 2019
- B) Continue with NextGen 911 deployment and implementation of related operational components.
 - 1) Achieve 85% program inclusion with all primary PSAPs as users of the statewide NG911 system, with migration of minimum 25% of all primary PSAPs to the ESInet. December 31, 2019
 - 2) Build, equip, and operate the Network Management and Assistance Center (NMAC); train NMAC staff for Tier 1 and Tier 2 support to PSAPs. June 30, 2019
 - 3) Draft standards and rules for NextGen migration and sustainment. December 31, 2019
 - 4) Establish path forward for primary, secondary, and not approved PSAPs. December 31, 2019
- C) Develop policy manual encompassing current open policies and identify other policies for development consideration. April 1, 2019
- D) Implement enhancements of grant program processes.
 - 1) Adopt grant policy draft [Completed]
 - 2) Approve grant priorities [Completed]
 - i) NG911 expenditures (non-eligible, capital) (300)
 - ii) Support of Regional Initiatives (250) with focus on consolidations (500)
 - iii) Replacing End of Life Equipment (150)
 - iv) Approve grant draft cycle timeline to include grant applicant presentation.
- E) Develop a funding model for 911 service, NG911 service, PSAPs, and 911 Board operations.
 - 1) Consider a prospective funding model vs rolling average method.
 - 2) Review, revise, and update the eligible uses of 911 revenue and seek legislative changes as necessary to align with PSAP services in the NG911 environment.
 - 3) Improve and optimize the reimbursement process.
 - 4) Determine amount of excessive fund balances and address accordingly. December 31, 2019
- F) Update 911 Board By-Laws. December 31, 2019
- G) Complete development of training standards and implement, in collaboration and consultation with 911 stakeholder groups. Ongoing
- H) Continue efforts for implementation of EMD for all PSAPs. Ongoing

Tab 9 (9 Minutes)

Education Committee Report

Mike Reitz

9 a)

**TC Training and Standards
Stakeholder Summit –
March 13**

9 b)

General Report

Tab 10 (15 Minutes)

Funding Committee Report

David Bone

10 a)

Chowan County 911

Reconsideration

(Vote Required)

Chowan County 911 – Funding Reconsideration FY2019

Due to the technology changes submitted in the final funding reconsideration package, documentation provided for review was not complete, so it did not allow for staff to determine eligibility to move the reconsideration forward at this time.

10 b)

Perquimans County 911

Reconsideration

(Vote Required)

North Carolina 911 Board

PSAP Name: Perquimans 911 Communications
 Contact Name: Jonathan A. Nixon
 Contact Address: 159 Creek Drive (PO Box 563)
 City: Hertford
 Zip: 27944
 Contact Email: jnixon@perquimanscountync.gov

Instructions: All requests for review of PSAP Distribution amount must use this form with each request. Please do not change block descriptors, formulas or formatting. *PLEASE SEE INSTRUCTIONS tab for further details*** All requests are due by Aug. 6, 2018.** Email this form and all supporting documentation to marsha.tapler@nc.gov. If you have questions regarding this form or filing a request, please call Marsha Tapler at 919-754-6344 or email at marsha.tapler@nc.gov.

June 30, 2017 Emergency Telephone System Fund Balance: \$ 67,341.91

Expenditure	FY2019 (2018-2019) Requested Increase Amount ONE-TIME Capital Purchase Cost	FY2019 (2018-2019) Requested Increase Amount Recurring MONTHLY Cost	FY2019 (2018-2019) Requested Increase Amount Recurring ANNUAL Cost	Comments
Phone Systems - Furniture				
Selective Rtnng/ALI Prov 9-1-1 trk line charges				
Basic line charge only **One administrative line per call-taking position				
MPLS-Fiber used for backup PSAPs connections				
911 telephone equipment (CPE, etc.)				
Furniture: Cabinets, tables, desks which hold 911 equipment	70,933.60			Modification of existing console furniture at Primary & Secondary PSAP locations with installation.
TOTAL	\$70,933.60	\$0.00	\$0.00	

	FY2019 (2018-2019) Requested Increase Amount ONE-TIME Capital Purchase Cost	FY2019 (2018-2019) Requested Increase Amount Recurring MONTHLY Cost	FY2019 (2018-2019) Requested Increase Amount Recurring ANNUAL Cost	Comments
SOFTWARE				
CAD (modules that are part of the call-taking process only)				
GIS (to create and display the base map showing street centerlines and address, address point layer)				
Voice Logging Recorder				
Time Synchronization				
Dispatch Protocols (Law, Fire, Medical)	6,490.00			2 EMD License at Backup PSAP with cardsets & Case Review Software
ALI Database software				
Software Licensing	59,725.00			MDIS License for Fire & Law (No NCIC Database Query) & PS Aware Mobile App License
Radio console software. Some Radio console software will include many additional modules that are not a part of the 911 process and are not eligible.				
Console Audio Box (CAB) software				
Paging software (to send call from CAD to first responder pager or mobile phone)				
Computer Aided Dispatch (CAD) to Computer Aided Dispatch (CAD) interface software (sending CAD info to another PSAP for dispatch)				
Automated digital voice dispatching software				
Software Maintenance				
TOTAL	\$66,215.00	\$0.00	\$0.00	

	FY2019 (2018-2019) Requested Increase Amount ONE-TIME Capital Purchase Cost	FY2019 (2018-2019) Requested Increase Amount Recurring MONTHLY Cost	FY2019 (2018-2019) Requested Increase Amount Recurring ANNUAL Cost	Comments
HARDWARE				
CAD server	100,093.80			CAD Servers & Network Security Modificaitons
GIS server				
911 Phone server				
Voice logging server				
Monitors				
Computer Workstations	10,728.38			6 CAD Workstations (3 at primary & 3 at backup sites)
Time Synchronization				
UPS				
Generator				
Call Detail Record Printer (automatically captures incoming 911 telephone call data)				
Radio Network Switching Equipment used exclusively for PSAP's Radio Dispatch Consoles (i.e.: CEB, IMC, NSS)				
Fax Modem (for rip & run)				
Printers (CAD, CDR, Reports, etc.)				
Radio Console Dispatch Workstations				
Radio Console Ethernet Switch				
Radio Console Access Router				
Back Up Storage Equipment for 911 Data Base Systems				
Paging Interface With Computer Aided Dispatch (CAD) system				
Alpha / Numeric Pager Tone Generator				
Radio Consolette **as defined in Approved Use of Funds List				
Hardware Maintenance				
Hosted Solutions:**Must be approved by 911 Staff prior to reporting.				
TOTAL	\$110,822.18	\$0.00	\$0.00	

List expenditures to be applied to fund balance and submit quotes
or invoices for review.:

Expense Amount

CenturyLink – Viper Phone System Training (hosted phone system applicable)	\$3,998.14
Edge One - Aqua API License to existing NICE Inform System for integration to Aqua	\$1,920.00
NC Department of Information Technology - Dedicated 10MEG Circuit	\$4,730.40
Priority Dispatch - Active Assailant Course	\$1,500.00
SCW – Six (6) Kensington Mouse Trackballs	\$438.06
Southern Software - GeoBackoffice Onsite Training	\$850.00
Miller at Work – Six (6) Telecommunicator Chairs	\$11,460.00
Amount of fund balance remaining applied to Practical Comp Invoice	\$21,670.70
Total remaining Fund balance:	<u><u>(\$0.00)</u></u>

Please confirm none of these cost are included in FY2019 budget. (see worksheet tab)
Per Jonathan Nixon, these cost are not part of budget. Email dated 02/14/2019

Items below this cell are to be completed by 911 Board Staff	
APPROVED FY2019 FUNDING	\$244,247.38
FY2019 Anticipated Capital Expenditures	\$247,970.78
FY2019 Anticipated Monthly Recurring	\$0.00
FY2019 Anticipated Annual Recurring	\$0.00
 Requested FY2019 Funding	 \$492,218.16
 Maximum 20% carry forward amount:	\$82,043.23
Current policy for funding reconsideration - carry forward 10%	\$41,021.62

Request recommendation to receive additional funding to cover capital cost \$247,970.78.

TEMPLATE

FY2019 Funding Reconsideration Worksheet:

PSAP Name:

Perquimans Co 911

FY2018 Ending Fund Balance	\$67,341.91
PSAP Funding Distribution for FY2019	\$244,247.00
Budget provided by County:	
Approved Budgeted Operational for fiscal year.	\$224,000.00
Approved Budgeted Capital for fiscal year.	
Fund balance before carry forward:	<u>\$87,588.91</u>
10% allowable carryforward:	\$41,021.62
(figured by taking prior two years distribution, averaging and then multiplying by 10%) For FY2019 distribution, use FY2016 and FY2017.	
Total Remaining Fund Balance for Use:	<u><u>\$46,567.30</u></u>

If fund balance remains, apply funding reconsideration expenditure request against total to determine if additional funding is necessary.

ACCOUNT NAME	ORIGINAL BUDGET	AMENDED BUDGET	YEAR-TO-DATE EXPENDITURES	OUTSTANDING ENCUMBRANCES	UNENCUMBERED BALANCE	% USED	CURRENT MONTH EXPENDITURES
DEPARTMENT--							
040 PROFESSIONAL SERVICES			.00	.00	.00		.00
041 IMPELENTAL FUNCTIONS	2,000.00-	2,000.00-	.00	.00	2,000.00-		.00
110 TELEPHONE & FURNITURE	92,000.00-	92,000.00-	2,797.10	.00	89,202.90-	3.0	2,797.10
140 TRAVEL/TRAINING	7,000.00-	7,000.00-	.00	.00	7,000.00-		.00
160 SOFTWARE MAINTENANCE	87,000.00-	87,000.00-	766.00	.00	86,234.00-	.9	766.00
161 HARDWARE MAINTENANCE	36,000.00-	36,000.00-	5,920.00	.00	30,080.00-	16.4	5,920.00
210 HOSTED SOLUTIONS			.00	.00	.00		.00
311 911 GRANT EXPENSES			.00	.00	.00		.00
740 CAPITAL OUTLAY - EQUIPMENT			.00	.00	.00		.00
TOTAL--	224,000.00-	224,000.00-	9,483.10	.00	214,516.90-	4.2	9,483.10

Practical Computing Quote



From: Jesse Stallings
Practical Computing
PO Box 97
Camden, NC 27921
United States
(252) 679-8400
jesse@practicalcomputing.biz

Prepared for: Jonathan Nixon
Perquimans County
159 Creek Dr
Hertford, NC 27944
United States
(252) 426-5646
jnixon@perquimanscountync.gov

Quantity Description		Unit Price	Ext. Price
1.00	Qty 3, Nfina rack mount servers each with: 128GB RAM Windows 2019 Standard Edition Government 24 core edition (down-gradable to 2016) with 2 virtual machines and 8 desktop licenses. Dual 10GBit Ethernet adapter Jovian Metro High Availability Cluster system with 1 year maintenance and support. Engineering labor to configure clusters and fail over. Office 2019 Standard licenses for virtual desktops. 5 year gold warranty 24x7 with NBD Onsite ESET antivirus advanced security suite.	\$129,500.00 73% eligible	\$129,500.00 \$94,535.00
1.00	Qty 4, Sonicwall TZ500 TotalSecure -- Advanced edition 1 year with stateful high availability clustering. Sonicwall certified engineering labor to configure firewall included.	50% eligible \$8,499.00	\$8,499.00 \$4,249.50
1.00	2 Unifi XG16 switch stacks and 2 Unifi 24 switch stacks with 1 year Elite controller and 1 Year elite warranty	\$5,070.00	\$5,070.00
1.00	Professional Wiring Services -- Install distribution frame in primary com center to provide building wiring for CAD, radio, and phone networks. Includes fiber connectivity to new distribution frame	\$5,500.00	\$5,500.00
200.00	Labor for project management, onsite implementation, CAD virtualization, Active Directory design and creation, etc. Create standard operating procedure including written security plan and policies. PRO-QA had to be moved to county hardware due to current hardware limitations. This will be migrated back to run on the cluster. All aspects of CAD, mapping (including link for county GIS tech), PRO-QA, etc will reside in a modern environment with maximum fault tolerance. Furthermore VPN security will be enhanced for mobile connectivity and existing links re-established.	73% eligible \$85.00	\$17,000.00 \$12,410.00
Subtotal:			\$165,569.00
Sales Tax:			\$10,804.66
Total:			\$176,373.66

Total eligible: \$121,764.50

Signature: _____

Date: _____

Fundable**Notes**

Pro-QA
AQUA

EMD protocol software
EMD Quality Assurance Software

NEVERFAIL/JOVIAN

High Availability server replication

- CAD
- MDS (Mapping)

Computer aided dispatch
CAD Mapping

- Texting (Paging)
- Addressing (MCA/GeoBack Office)

Text notifications to first responders.
Mapping portal for GIS updates.

Antivirus Software - ESET antivirus

Required for security

Would like considered for funding

Active Directory

AD is required for failover to work properly

Active Directory Domain Services (AD DS), provides the methods for storing directory data and making this data available to network users and administrators. Unfortunately, this is not on the approved use of funds list.

Non Fundable or not sure

MDIS
File sharing -- shared folder
DCI
NCIC Support

Mobile CAD
Move to county resource
Move to county resources (separate computer)
DCI in CAD



PERQUIMANS COUNTY EMERGENCY SERVICES

P.O. Box 563 - 159 Creek Drive - Hertford, NC 27944

(252) 426-5646 Phone - (252) 426-3306 Fax

Jonathan A. Nixon, Director

Perquimans County 911 Communications NC 911 Board Funding Reconsideration Justification January 20, 2019 Request

1. Our requests for review are hereby submitted electronically using the required form in Microsoft Excel format.
2. This document is being submitted in Adobe PDF format.
3. Included herein is supporting documentation indicating the cost being claimed, including copies of contracts and contracts for proposed new expenditures.
4. Include justification answering the following questions:
*The new funding model is based upon actual expenses: please explain why you need additional expenses?

PHONE SYSTEMS - FURNITURE

-Furniture

-\$36,517.45 One-Time Capital - Modification of existing console furniture at Secondary PSAP location. Includes installation. National Power quote attached.

-Furniture

-\$34,416.15 One-Time Capital - Modification of existing console furniture at Primary PSAP location. Includes installation. National Power quote attached.

SOFTWARE

-Dispatch Protocols (EMS)

-\$6,490.00 One-Time Capital - Emergency Medical Dispatch (EMD) License for 2 positions at the Backup PSAP with cardsets and AQUA Case Review Software for EMD Quality Assurance. Priority Dispatch quote attached.

-Software Licensing

-\$53,975.00 One-Time Capital - Mobile Data Information System (MDIS) License for Fire & Law (No NCIC Database Query). Southern Software quote attached.

-Software Licensing

-\$5,750.00 One-Time Capital - PSAware Mobile Application License for Law, EMS & EM. Southern Software quote attached.

HARDWARE

-CAD Server

-\$185,645.50 One-Time Capital - Server replacement including implementation of enhanced security, redundancy and reliability with the following key advantages:

- The 911 Center will be on a completely separate physical network from the County at both the primary and backup sites.
- All equipment in the primary site will be redundant. (Dual Servers, switches, firewalls, and Internet connection)
- A distribution frame will be added in a locking cabinet with redundant fiber connections.

- In addition to technical security measures (comprehensive firewall and security software), written security procedures will be in place.
- New servers will handle additional load and security needs. Current servers are nearing end of life. Additionally, the current redundancy system cannot support domain security on the CAD server. Furthermore, we have had to remove services from these servers to County resources due to performance issues. Being that we have already suffered major performance problems, server replacement is mandatory to serve additional planned load of mobile clients, RMS integration, etc.
- Practical Computing quote with network drawing attached.

-CAD Computer Workstations

-\$10,728.38 One-Time Capital – 6 CAD Workstations with monitors to replace current workstations purchased March 2016 (3 at primary and 3 at backup sites) -Includes moving CAD workstations from Primary to Backup PSAP. Quote specifies cost of hardware. Practical Computing quote attached.

Scope of work changed for CAD purchase per updated quote from Practical Comp. 02142019 MTapler

***If your requests are based upon capital expenditures for the next year, have you considered a grant from the 911 Board for the program?**

-Yes, received grant in FY 2016-2017.

***Please explain how the additional funding will improve your efficiency for delivering 911 services.**

- This funding will complete the implementation of our backup PSAP with 3 complete positions at the backup and primary PSAP

5. Please explain in detail how the current fund balance will be used to offset increases in expenses.

-The following items will be purchased using current fund balance on hand (this list can also be found on the Funding Reconsideration Spreadsheet):

- *CenturyLink – Viper Phone System Training (hosted phone system applicable)
- *Edge One - Aqua API License to existing NICE Inform System for integration to Aqua
- *JBEST Training & Consultants – Certified Training Officer Course (9 Fulltime Staff)
- *NC Department of Information Technology - Dedicated 10MEG Circuit
- *Priority Dispatch - Active Assailant Course
- *SCW – Six (6) Kensington Mouse Trackballs
- *Southern Software - GeoBackoffice Onsite Training
- *Miller at Work – Six (6) Telecommunicator Chairs
- *Mobile Comm – Two (2) UPS Units for Equipment at Backup

6. Complete time line of completion for capital expenses.

Task	Start Date	Finish Date
Furniture Purchase & Installation	02/01/19	04/30/19
CAD Server/Network Security Modifications/MDIS Project	02/01/19	06/30/19
CAD Computer Workstations	02/01/19	06/30/19

Should you have any questions or require additional documentation please do not hesitate to call or email.

Respectfully submitted,



Jonathan A. Nixon

c. Frank Heath, County Manager
 Tracy Mathews, Finance Officer
 Cord Palmer, Chowan 911 Director

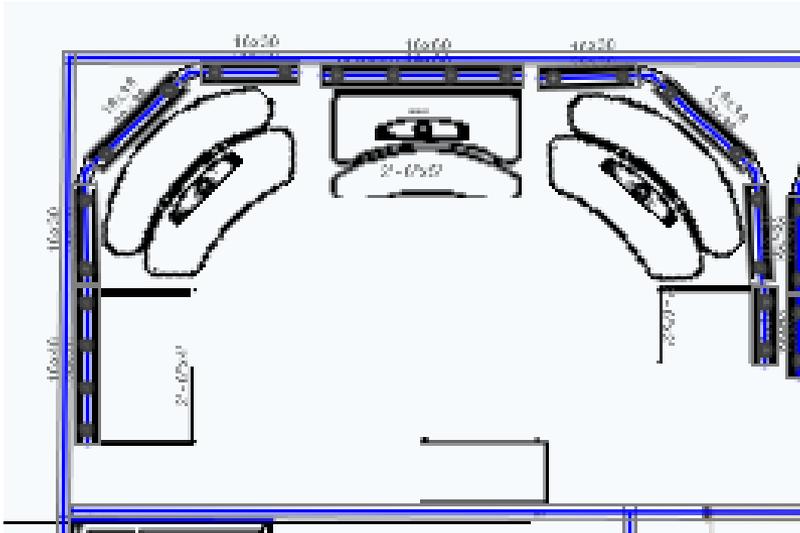
Expenditures to be applied to Fund Balance:

CenturyLink – Viper Phone System Training (hosted phone system applicable)	\$3,998.14
Edge One - Aqua API License to existing NICE Inform System for integration to Aqua	\$1,920.00
JBEST Training & Consultants – Certified Training Officer Course (9 Fulltime Staff)	\$1,575.00
NC Department of Information Technology - Dedicated 10MEG Circuit	\$4,730.40
Priority Dispatch - Active Assailant Course	\$1,500.00
SCW – Six (6) Kensington Mouse Trackballs	\$438.06
Southern Software - GeoBackoffice Onsite Training	\$850.00
Miller at Work – Six (6) Telecommunicator Chairs	\$11,460.00
Mobile Comm – Two (2) UPS Units for Equipment at Backup	\$821.00
Total Expenditures to be applied to fund balance:	\$27,292.60

Changes made to reconsideration per phone discussion on 02/13/2019. CAD project was change to reflect additional applications running on server.

PERQUIMANS COUNTY SITE

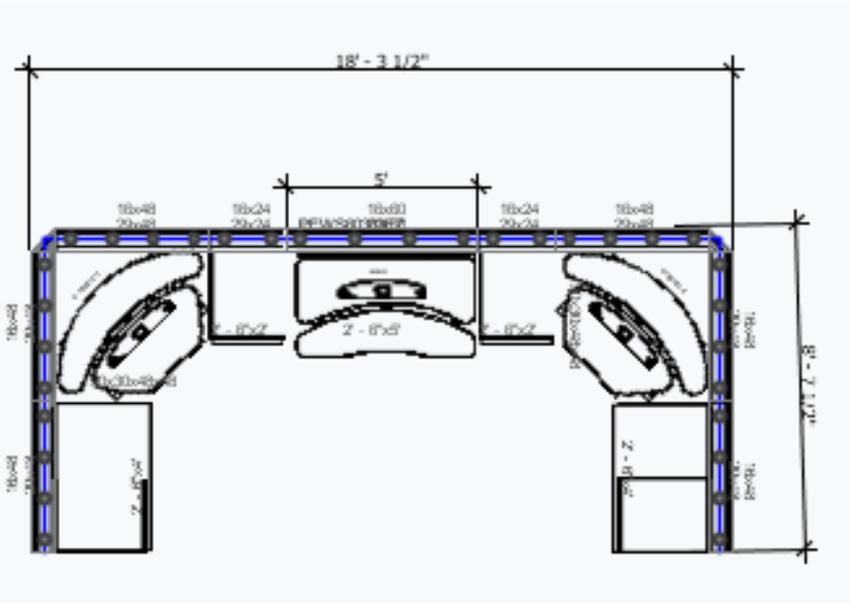
PERQUIMANS 911



- *NEW CORNER TOPS WITH CUT OUT FOR NEW ENVIRONMENT SYSTEM
- *NEW ENVIRONMENT SYSTEM
- * EXTRA ARRAY BARS FOR ADD'L MONITOR
- *NEW 5' LINEAR LIFT WITH ENVIRONMENT SYSTEM
- *NEW ARRAY 3 OVER 3 MONITOR MOUNTS
- *TWO EPDU
- *3 NEW LED LIGHTS
- *NEW SHELF FOR EXISTING CABINET
- *TWO NEW 24" DOCKERS

CHOWAN COUNTY SITE

PERQUIMANS 911 - BACKUP



- *NEW 48" TOPS
- *NEW CORNER LIFTS WITH ENVIRONMENT SYSTEMS
- *TWO EXTRA ARRAY BARS FOR ADD'L MONITOR
- *NEW LINEAR 5' LIFT
- *NEW ARRAY 3 OVER 3 MONITOR MOUNTS
- *NEW ENVIRONMENT SYSTEM
- *TWO TIERS HIGH
- *NEW 2' LINEAR SECTION, TWO TIERS HIGH
- *TWO NEW 24" WIDE DOCKERS
- *3 NEW LED LIGHTS



CenturyLink

Customer Legal Name: Perquimans County Communications
 Customer Billing Name: Perquimans County Communications
 159 Creek drive
 HERTFORD
 NC , 27944
 Quote-Build #: 17-003145-NIBS

Valid Until June 4, 2017

Description of Work to be Performed:

Equipment pricing shown is based upon direct sale accompanied by new Centurion Maintenance contract on same.

Part Number	Description	Quantity	Unit Price	Extended Price
	Perquimans County		\$	\$
	Call Taker and Admin Training	1	\$	\$
960780	Power 911 Administrator Training	1	1,807.23	1,807.23
960575	Living Expense per Day per Person	2	240.96	481.92
960580	Travel Fee per Person	1	1,506.02	1,506.02
	Project Management Services		\$	\$
950510	Project Management Services	1	121.69	121.69
			\$	\$
	Parts			\$ 3,916.86
	Miscellaneous			\$
	Shipping			\$ 81.28
	Parts Subtotal.....			\$ 3,998.14
	Labor			\$
	Vendor Support (See Vsupport Tab for Details).....			\$
	TOTAL PRICE			\$ 3,998.14

All Products listed on this Quote are governed by the Standard Terms and Conditions for Communications Services and the Equipment Sales Product Annex, both posted to http://about.centurylink.com/legal/rates_conditions.html



Edge One Solutions, Inc.

5301 Mill Dam Rd
 Wake Forest, NC 27587
 Tel: 919-554-1954
 Fax: 919-554-9257

Nice Authorized Dealer

QUOTATION

Proposed Work:	Adding one Aqua API license to existing NICE Inform system for integration to Aqua
Quotation Date:	February 16, 2018
Prepared By:	Todd Williams

Prepared For: Perquimans County EMS
Attn: Johnathon Nixon
Address: 159 Creek Dr.
 Hertford NC 27944

Phone: 252-331-9817
jnixon@perquimansnc.gov

Install Location Contact:
 same

Phone:
Email:

Part Number	h/w,s/w lic	Quantity	Description	Price	Total
System Specifications					
PS-INFRM-PROF-AQUA-API		1	NICE Inform API for integration with AQUA - per single concurrent user connection	\$1,000.00	\$1,000.00
PS-MAINT-NICE-IND-ST		1	NICE Software Assurance First Year	\$70.00	\$70.00
Sub Total:					\$1,070.00
Professional Services					
	Install	svc	1	Installation, configuration, and training during normal business hours	\$850.00
Services Sub Total:					\$850.00
				Shipping:	
QUOTATION TOTAL:					\$1,920.00

By signing below, you are authorizing purchase for materials and/or services quoted herein. Your signature authorizes Edge One Solutions, Inc. to proceed with your order and invoice accordingly. Please provide a copy of your company's purchase order along with the signed quotation and fax to 919-554-9257 or email to twilliams@edge1solutions.com.

Terms:

Payment Terms: Upon Installation
 Delivery: CFR - Factory
 Validity of quotation: 30 Days
 Estimated Delivery: 4 Weeks ARO
 (Delivery is contingent upon stock availability at the time of order placement)

 Approved by:

 Approved Date:

 Purchase Order Number

From: Jeryl Anderson <jbesttraining@yahoo.com>
Sent: Monday, July 2, 2018 13:15
To: Krystal Agosto <kagosto@perquimanscountync.gov>
Subject: Re: Documentation & Radio Training Resources

Hi Krystal!

I will have to look through my older training items for those topical areas. I will let you know if I find them or not.

As for the CTO class, registration through NC APCO is \$175 per student. Let me know if you decide to host, that would be awesome.

Jeryl Lynn Anderson, ENP, RPL
NC APCO Chapter Immediate Past President
JBEST Training and Consultants, LLC.
We train YOU to work at your BEST!
919-418-7753

$$\begin{array}{r} \$175^{00} \\ \times 9 \text{ Fulltime} \\ \hline \$1,575^{00} \text{ Total} \end{array}$$

On Wednesday, June 27, 2018, 5:32:21 PM EDT, Krystal Agosto <kagosto@perquimanscountync.gov> wrote:

Jeryl,

Do you possibly have any training resources for professional/appropriate CAD documentation and Radio Etiquette?

Also, how much would it cost per person for an APCO CTO Course if we were to host a course?

Thanks in advance,

Krystal R. B. Agosto, Shift Supervisor/Training Officer

Perquimans County 911 Communications

159 Creek Dr – PO Box 563
Hertford, NC 27944
252-340-4676 Cell
252-426-5646 Office
252-426-2049 Fax

STATE INFO (3)

NORTH CAROLINA DEPARTMENT OF INFORMATION TECHNOLOGY

Report No TCS0602
 Run date 12/12/2018
 Program - TSL0605
 Page 763

EXPENSE SUMMARY

DisCd 6-1180
 ending - NOV 30, 2018

Period

by	Local	Inst/Svc	Voice			Point
Dial-Up	Long					
Department	Service	/Maint	Misc	WAN	SNA	to Point
Data Distance	Total					

.....

ERATE	LAN	Virtual	1-800	Calling	Cellular	Video	MISC
		Service	Service	Cards	Charges	Service	/PassThru

.....

QC72000072110001		T181110270	216.99	.00	.00	.00	.00
.00	.00						
PERQUIMANS CO-SOCIAL SERVICES			.00	.00	.00	.00	.00
.00	.00	216.99					

QC72000072110002		T181110271	.00	.00	.00	.00	.00
.00	26.34						
COUNTY MANAGER			.00	.00	.00	.00	.00
.00	.00	26.34					

QC72000072110004		T181110273	31.56	.00	.00	.00	.00
.00	.56						
PLANNER/ECONOMIC DEVELOPMENT			.00	.00	.00	.00	.00
.00	.00	32.12					

STATE INFO (3)

QC72000072110008	T181110277	21.40	.00	.00	.00	.00	.00
.00	.00						
WATER DEPT (WINFALL PLANT)		.00	.00	.00	.00	.00	.00
.00	.00	21.40					
QC72000072110009	T181110278	21.40	.00	.00	.00	.00	.00
.00	.00						
WATER DEPT (BETHEL PLANT)		.00	.00	.00	.00	.00	.00
.00	.00	21.40					
QC72000072110011	T181110280	50.79	.00	.00	.00	.00	.00
.00	1.31						
INSPECTIONS		.00	.00	.00	.00	.00	.00
.00	.00	52.10					
QC72000072110014	T181110283	45.30	.00	.00	.00	.00	.00
.00	.69						
BOARD OF ELECTIONS		.00	.00	.00	.00	.00	.00
.00	.00	45.99					
QC72000072110015	T181110284	.00	.00	.00	.00	.00	4730.40
.00	.00						
PERQUIMANS EMERGENCY SERVICES		.00	.00	.00	.00	.00	.00
.00	.00	4730.40					
QC72000072110016	T181110285	153.35	.00	.00	.00	.00	.00
.00	4.90						
NC COOPERATIVE EXTENSION		.00	.00	.00	.00	.00	.00
.00	.00	158.25					

QC72000072110017	T181110286	STATE INFO (3)	26.89	.00	.00	.00	.00	.00
.00	.00							
SOIL CONSERVATION			.00	.00	.00	.00	.00	.00
.00	.00	26.89						

QC72000072110019	T181110288		.00	.00	.00	.00	.00	.00
.00	1.95							
SR. CITIZENS CENTER			.00	.00	.00	.00	.00	.00
.00	.00	1.95						

QC72000072110020	T181110289		.00	.00	.00	.00	.00	.00
.00	1.64							
RECREATION/COMMUNITY CENTER			.00	.00	.00	.00	.00	.00
.00	.00	1.64						

Report No TCS0602
 Run date 12/12/2018
 Program - TSL0605
 Page 764

NORTH CAROLINA DEPARTMENT OF INFORMATION TECHNOLOGY
 EXPENSE SUMMARY

DisCd 6-1180 Period
 ending - NOV 30, 2018

by		Local	Inst/Svc	Voice		Point
Dial-Up	Long					
Department		Service	/Maint	Misc	WAN	SNA to Point
Data Distance	Total					
.....						

ERATE	LAN	Virtual	1-800	Calling	Cellular	Video	MISC
		Service	Service	Cards	Charges	Service	/PassThru
.....							
QC72000072110022	T181110291	21.40	.00	.00	.00	.00	.00

STATE INFO (3)

.00	.00						
VETERANS	SERVICES		.00	.00	.00	.00	.00
.00	.00	21.40					
Total- DisCd			589.08	.00	.00	.00	4730.40
.00	37.39						
.00	.00	5356.87	.00	.00	.00	.00	.00



QUOTE

110 Regent Street, Suite 500

Salt Lake City, UT 84111
USA

www.prioritydispatch.net

Prepared By: Tim Martin

Phone: (800) 363-9127

Email: tim.martin@prioritydispatch.net

Agency:

Agency ID#:

Quote #:

Date:

Offer Valid Through:

Payment Terms

Currency:

Perquimans County 911
Communications

11328

Q-30823

12/17/2018

3/29/2019

Net 30

USD

Bill To:

Perquimans County 911 Communications
159 Creek Drive
Hertford, North Carolina 27944
United States

Ship To:

Perquimans County 911 Communications
159 Creek Drive
Hertford, North Carolina 27944
United States

Line	Product Name	Qty	Unit Price	Amount
1	Active Assailant Course (Flat Rate) Active Assailant Course Registration	1	1,500.00	1,500.00

Subtotal	USD 1,500.00
Estimated Tax	
Total	USD 1,500.00

Customer Signature:		Date:	
Customer Name:		Purchase Order ID:	
Credit Card #:		Expiration Date:	

TERMS AND CONDITIONS

This quote is valid for 120 days from date of issue. All prices quoted are exclusive of any applicable taxes, duties, or government assessments relating to this transaction, which are the sole obligation of Buyer. For further information see <https://prioritydispatch.net/license-agreement/>

"To lead the creation of meaningful change in public safety and health."



Southern Computer Warehouse
 1395 S. Marietta Parkway | Building 300-106
 Marietta, GA 30067
 (P) 877-468-6729
 (F) 770-579-8937
 SCW.com

Quote # 100145681 - Kensington Expert Mouse Wired Trackball
 Cust #: PC37245 (Perquimans County NC)
 Quote Date: Dec 18, 2018

Sold to:	Ship to:
Payable Accounts Perquimans County NC PO Box 563 Hertford, North Carolina, 27944 T: 252-426-5646 jnixon@perquimanscountync.gov	REF PO Perquimans County NC 159 Creek Dr Hertford, North Carolina, 27944 T: 252-426-5646 jnixon@perquimanscountync.gov
Shipping Method: Free Shipping	

Notes: Here you go Jonathan Here is the quote you requested, and we have these in stock and ready to ship. Please let me know if you have any questions, or if there is anything else I can do to help.
 . . Thanks, . . Veronica for Brenna T .

#	Products	SKU	Price	Qty	Subtotal
1	Kensington Expert Mouse Wired Trackball - Optical USB K64325	KEN-K64325	\$80.51	6	\$483.06

This price includes an instant rebate valid until 3:00 PM EST 12/28 only while supplies last | Qty 470 in stock & ready to ship

Subtotal:	\$483.06
Tax:	32.61
Grand Total (Incl. Tax):	\$515.67

Thank you for your quote. We value your business and will continue to provide you excellent service in addition to our comprehensive product line. All returns must be authorized and clearly marked with a valid RMA number. Returns are subject to restock fees when applicable.
 Quotes are valid for 30-days unless otherwise noted.

Brenna Taylor
 brenna.taylor2@scw.com
 1395 S. Marietta Parkway | Building 300
 Marietta, GA 30067
 (P) 877-468-6729 x289
 Due to the volatile trade conditions between the US and China, prices are fluctuating daily as tariffs are imposed.



SOUTHERN SOFTWARE, INC.
an employee-owned company

Agency: Perquimans County Emergency Services, NC

Contact: Jonathan Nixon

Date: 12/17/2018

TRAINING

GEOBACKOFFICE TRAINING

Onsite Training

1 DAY

TOTAL INVESTMENT (STATE TAX AND SHIPPING NOT INCLUDED)

\$850.00

CUSTOMER'S SIGNATURE _____ **DATE** _____

Please sign this document and return it to us by fax or mail. When the document is signed and returned to Southern Software, we will begin processing your order.

Proposal of software is valid for (60) days from date of proposal.

Proposal of hardware is valid for (30) days from issuance of proposal.

Management fees include training, installation, and project management.

**Southern Software
150 Perry Drive
Southern Pines, NC 28387**

Business: 800.842.8190

Fax: 910.695.0251

Miller at Work
PO Box 5508
High Point, NC 27262

Terms: 50% Deposit, net15
or
Prepay with a \$50.00 Discount per Chair

Quote# PCNC911-003-1

Ship Date: 6 Weeks from Payment

To: Perquimans Co, NC 911 Communications
159 Creek Drive
Hertford, NC 27944
Attn: Krystal Agosto
PH: 252-426-5646 (o)
PH: 252-340-4676 (m)
FAX: 252-426-2049
Email: kagosto@perquimanscountync.gov

Ship To: Perquimans Co, NC 911 Communications
159 Creek Drive
Hertford, NC 27944
Attn: Krystal Agosto
PH: 252-426-5646 (o)

P O Number	Date	Product	Qty	Price	Total
	12/13/2018	1814-16-8-32-23-HR/Dillon Graphite/Neck Cushion,Lumbar Pillow	6	\$1,795.00	\$10,770.00

SUBTOTAL \$10,770.00
FREIGHT \$690.00
TAX \$726.98
TOTAL \$12,186.98

**1814 has special pricing per Max

Terms: 50% Deposit,net15

SUBTOTAL \$10,770.00
FREIGHT \$690.00
TAX \$726.98
DISCOUNT -\$300.00
TOTAL \$11,886.98

Terms: Prepay with a \$50.00 Discount per Chair

Remit To:
Miller at Work
PO Box 5508
High Point, NC 27262
336-883-1302
336-883-1304 (Fax)



Gately Communication Co.
 A Division of MCA
 320 West Lake Drive
 Kill Devil Hills, NC 27948
 Phone: 252-441-2066
 Fax: 252-441-0913

QUOTATION
266000042

Bill To:
 PERQUIMANS COUNTY
 P.O. BOX 563
 HERTFORD, NC 27944

Ship To:
 PERQUIMANS COUNTY
 JONATHAN NIXON, DIR.
 128 N. CHURCH ST.
 HERTFORD, NC 27944

Date: 12/17/2018		Customer Rep: Warren Bell		Terms: NET 30 DAYS	
Qty	Item	Description	Unit Price	Extended	
2	442915	RACK SUPPLY, 40A/12-15V	373.00	746.00	
1	NOTE	The DuraComm RU1-4012 compact rack mount power supply (1 3/4 x 5 x 19 inches) maximizes valuable rack space. The power rectifier features auto adjusting AC input range (85 - 264 VAC) to produce a 12-15 VDC output. This 40 amp continuous power supply produces energy savings of 25 percent due to power factor correction circuits. The DuraComm space saving rack mounted power supply includes short circuit, overload, and over temperature...	0.00	0.00	
1	FT-INSTALL		75.00	75.00	

Quote valid for 30 days from date above

Please contact customer representative by phone or email with any questions:

Customer Rep: Warren Bell
 Phone #: 252-202-8179
 Email: warrenbell@callmc.com

Subtotal : \$821.00
 Tax : \$55.42
 Total Quote : \$876.42

Effective August 1, 2018, all credit card payments are subject to a 2% convenience fee

Funding Reconsideration Proposed Expenditures:

National Power (Modification of existing console furniture at Backup PSAP)	\$36,517.45
National Power (Modification of existing console furniture at Primary PSAP)	\$34,416.15
Priority Dispatch (EMD License for 2 positions at the Backup PSAP with cardsets & Case Review Software)	\$6,490.00
Southern Software (MDIS License for Fire & Law)	\$53,975.00
Southern Software (PSAware for 41-50 Users - LE, EMS & EM)	\$5,750.00
Practical Computing (CAD Servers & Network Security Modifications)	\$185,645.50
Practical Computing (CAD Computer Workstations)	\$10,728.38

Total Funding Reconsiderations Proposed Expenditures: \$333,522.48



**NATIONAL
POWER**

Smarter, nonstop power

4541 Preslyn Drive
Raleigh, NC 27616
800.790.1672

www.natpow.com

December 18, 2018

Jonathan A. Nixon
Perquimans County Emergency Management
Perquimans County Emergency Services Director
PO Box 563
159 Creek Drive
Herford, NC 27944
252-426-5646
252-426-1875 fax
Email: jnixon@perquimanscountync.gov

JOB NAME: Chowan County Site – Perquimans Backup

QUOTATION #: 120518

State Contract Number:

Dear Jonathan:

We are pleased to provide you with our proposal for the above referenced project. Please review the enclosed Bill of Materials and terms and conditions.

To proceed, please sign the acceptance form at the end of this quote and send the entire quote back to me.

We thank you for the opportunity submit this proposal and look forward to working with you on this project. Please contact me if you have any questions or need additional information.

Sincerely,

Kevin Thorpe
Sales

Phone: (919) 861-6938
Fax: (919) 790-9714

CONFIDENTIAL

Page 1 of 6

E-mail: kevin.thorpe@natpow.com

Bill of Materials

- Perquimans Backup at Chowan County Site

Overview

Perquimans Backup

10			1	PCSK2200				
14			2	PUPRSLH1				
23			4	TOACGMA220B				
1			2	PC2429S1				
2			1	PC6029S1				
3			4	PDW2416S				
4			2	PAPG2416				
5			2	TOAVILC6				
6			2	PMW6016S				
7			2	PWFP3016				
8			2	PDWT24S1				
9			1	PDWT60S1				
10			2	PCSK2200				
11			1	PCPL2428				
12			1	PCPR2428				
13			1	PUPRSRH1				
14			2	PUPRSLH1				
15			2	PBW2430D				
16			2	PBW4830D				
17			1	PEPECU1				
18			1	G911U-A01				
19			1	G110C4848-AZ				
20			2	G623B4848-T				
21			1	PEWS60303EZ				
22			2	TOACTA1028B				
23			4	TOACGMA220B				
24			6	ARRAYHANDLE				
25			2	TOACTA1000B				
26			2	EPBZ73				
27			1	KONRA300B				
28			1	KONWL13D				
29			3	AR3910WDMBKSLT				
Extra Monitor Mounts								
1			1	KONWL9D				
30	2	APHONE	Steel Phone Holder		\$44.86	G	\$89.71	\$44.86
		PAPNCUP	Steel: N/A					
31	1		Pen Cup	CONFIDENTIAL	\$11.05		Page 2 of 6	\$11.05
32	2	ABINDER	Steel Binder Holder		\$81.49	G	\$162.98	\$81.49
			Steel: N/A					
								<u>\$332.0</u>

TOTAL:	\$31,217.45
Transportation Installation	
remove existing consoles where needed install	
new consoles	\$5,300.00

Pricing

TOTAL FOR BILL OF MATERIALS: \$31,217.45
TOTAL FOR TRANSPORTATION: \$966.00
TOTAL FOR INSTALL AND REMOVAL: \$4,334.00
TOTAL: \$36,517.45

Also Includes:

- a) Items listed within detailed quote
- b) Freight Estimate

Does not include (unless expressly listed above):

- a) State and local taxes
- b) Wiring terminations (including power cables and control wires)
- c) Moving of existing operating computer systems (including CPU hardware and cabling labor)

Price is firm for sixty (60) days from the date of the quote.

DELIVERY: Lead time is stock to 8 weeks after receipt of final release, which requires a hard copy of engineer-approved submittals, if produced. Lead times are subject to market demand fluctuations and frequently change between time of proposal and time of order. If delivery is critical please verify current times at time of order.

Terms and Conditions

AGREEMENT. The sale of these products and/or services by National Power Corp. ("NPC") to Buyer is expressly conditioned upon Buyer's agreement, as evidenced by its signature below or submission of a purchase order, to each and every term contained in this quote, which shall control over any additional, inconsistent or contrary provision in Buyer's purchase order or other sales forms. Buyer acknowledges that the terms and conditions herein are the sole and complete agreement between the parties, which may only be modified and/or amended in separate agreement signed both by NPC and Buyer.

INVOICES. Buyer will be invoiced on the date of shipment for all products and upon substantial completion for all services. Manufacturer service contracts resold by NPC to Buyer are contracts between the manufacturer and Buyer only and will be invoiced when processed by the manufacturer. Applicable taxes and freight charges will be billed as separate line items, unless otherwise specified above.

PAYMENT. Subject to credit approval and unless otherwise stated on NPC's quotation, Buyer shall make payment within thirty (30) days of the invoice date. NPC may charge a service charge of 1.5% per month, but not in excess of any lawful rate, if Buyer has not paid an invoice in full by the due date. NPC may at any time decline to make any shipment or delivery or perform any work except upon Buyer's payment of past invoices and/or prepayment of this order or upon such other terms and conditions as are acceptable to NPC's credit department. If NPC deems it necessary to cancel any outstanding order due to Buyer's financial condition, Buyer agrees to reimburse NPC for reasonable cancellation charges. NPC may apply any payments received to Buyer's oldest outstanding invoices regardless of any instructions to the contrary from Buyer. Payment for shipments delayed at Buyer's request shall become due on the date NPC is prepared to make shipment and NPC may impose reasonable storage and handling charges for delayed shipments. Payment to NPC shall not be contingent on third party payments to Buyer and no portion of the price shall be held as retainage. Buyer shall pay all costs and expenses, including reasonable attorney's fees, incurred by NPC to collect any past due amount.

SECURITY INTEREST. Buyer hereby grants NPC a security interest in all goods sold until the full amount of the purchase price has been paid by Buyer. Buyer hereby authorizes NPC to file a financing statement signed only by NPC as Buyer's attorney-in-fact in all places where necessary and appropriate to perfect the security interest.

SHIPMENT. All products are sold, and all shipments are made, FOB shipping point. The shipment date stated in this quote is NPC's best approximation of the probable shipment date and is not a fixed or guaranteed shipment date. NPC shall not be responsible for any damage or loss resulting, whether directly or indirectly, from delayed shipments or its inability to ship as quoted. Unless otherwise noted in this quote, partial shipments may be made upon request and are subject to additional shipping and handling charges. Claims for freight damage will be waived unless made in writing to NPC within ten (10) days of receipt of such shipment.

CANCELLATION/CHANGES/RETURNS. Buyer may terminate this order only upon payment of all of NPC's costs incurred for commitments made and work performed plus a reasonable profit on such costs. All changes to an order are subject to adjustments to the order amount and shipment date. No product may be returned to NPC without NPC's written consent and payment of any applicable restocking fee, which shall be determined and assessed by NPC on a case-by-case basis.

LIMITATION OF LIABILITY. NPC SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR INDIRECT DAMAGES FOR ANY REASON, INCLUDING WITHOUT LIMITATION, THOSE CAUSED BY DEFECTS IN MATERIALS OR WORKMANSHIP. THERE IS NO WARRANTY EXCEPT THE APPLICABLE MANUFACTURER'S WARRANTY, WHICH NPC WILL ASSIGN TO BUYER. NPC HEREBY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ANY IMPLIED WARRANTIES WHICH ARE ALLOWED BY LAW SHALL BE LIMITED IN DURATION TO THE TERMS OF THE APPLICABLE MANUFACTURER'S WARRANTY. NPC'S MAXIMUM LIABILITY FOR DAMAGES SHALL BE LIMITED TO THE COST OF THE PRODUCTS AND SERVICES PROVIDED HEREUNDER.

Acceptance

Buyer, through its authorized representative, hereby accepts National Power Corporation's offer as shown on this quote and agrees to all the terms and conditions above.

BY: _____

Name: _____

Title: _____

Company: _____

Date: _____



**NATIONAL
POWER**

Smarter. nonstop power

4541 Preslyn Drive
Raleigh, NC 27616
800.790.1672

www.natpow.com

December 18, 2018

Jonathan A. Nixon
Perquimans County Emergency Management
Perquimans County Emergency Services Director
PO Box 563
159 Creek Drive
Herford, NC 27944
252-426-5646
252-426-1875 fax
Email: jnixon@perquimanscountync.gov

JOB NAME: Perquimans Co. 911 Center Up-fit
QUOTATION #: 080218C
State Contract Number:

Dear Jonathan:

We are pleased to provide you with our proposal for the above referenced project. Please review the enclosed Bill of Materials and terms and conditions. To proceed, please sign the acceptance form at the end of this quote and send the entire quote back to me.

We thank you for the opportunity submit this proposal and look forward to working with you on this project. Please contact me if you have any questions or need additional information.

Sincerely,

Kevin Thorpe
Sales

Phone: (919) 861-6938
Fax: (919) 790-9714
E-mail: kevin.thorpe@natpow.com

CONFIDENTIAL

Page 1 of 5

Bill of Materials

Overview

Perquimans County Site Changes four station 911 Center to six station 911 Center. Adds shelf for file cabinet, LED station lights and trays for cards

Perquimans 911				
1	2	PC6029S1	60" Core, Single Sided Steel: Black	\$485.20 0.00%
2	3	PMW6016S	60X16 Modular Wall Ss Steel: Black	\$388.01 0.00%
3	4	PWFP3016	30X16 Fabric Insert (User Fac) Fabric: Anchorage Angora	\$126.35 0.00%
4	2	PDWT60S1	60" Wide Wall Top Trim, Ss Steel: Black	\$116.63 0.00%
5	2	PCPL2428	Cpu Docker Left Steel: Black	\$678.08 0.00%
6	2	PCPR2428	Cpu Docker Right Steel: Black	\$678.08 0.00%
7	1	PUPRSRH1	30"D Cantilever Top Support RH Steel: Black	\$56.82 0.00%
8	1	PUPRSLH1	30"D Cantilever Top Support LH Steel: Black	\$56.82 0.00%
9	2	PVET16T1	Vertical End Trim T1 (16) Steel: Black	\$56.82 0.00%
10				20.00
	6	G911U-A01	Dpf1C Control Pad	\$100.70 %
11				\$3,410.0 20.00
	6	PEPECU1	EZone - Personal Comfort System	0 %
12				\$5,893.6 20.00
	2	PEWS60303EZ	60" Dual Linear Lift, E-Zone Steel: N/A - Laminate: N/A	0 %
13	4	999991	New corner top #029717x: new 36x30x36 lift top with ezone cutouts	\$317.00 0.00%
14				20.00
	12	TOACTA1028B	28" Extension Pole	\$63.00 %
15				20.00
	24	TOACGMA220B	Pole Mount, Articulating Dual Swing Arm And 26" Array	\$616.00 %
16	12	ARRAYHANDLE	Fpd Array Handle Steel: Black	\$95.69 0.00%
17				20.00
	6	AR3910WDMBKSLT	Z-Bar Led Desk Lamp W/Sw Mnt For Ezone- Black	\$329.00 %
18	4	EPBZ73	Epdu 12A 5-15P	\$166.00 20.00

remove 4 corner tops and replace
with new tops to include new environment system

Pricing

TOTAL FOR BILL OF MATERIALS: \$28,131.44

TOTAL FOR TRANSPORTATION: \$1,415.00.00

TOTAL FOR INSTALL AND REMOVAL: \$4,870.15

TOTAL \$34,416.15

Also Includes:

- a) Items listed within detailed quote
- b) Freight Estimate

Does not include (unless expressly listed above):

- a) State and local taxes
- b) Wiring terminations (including power cables and control wires)
- c) Moving of existing operating computer systems (including CPU hardware and cabling labor)

Price is firm for sixty (60) days from the date of the quote.

DELIVERY: Lead time is stock to 8 weeks after receipt of final release, which requires a hard copy of engineer-approved submittals, if produced. Lead times are subject to market demand fluctuations and frequently change between time of proposal and time of order. If delivery is critical please verify current times at time of order.

Terms and Conditions

AGREEMENT. The sale of these products and/or services by National Power Corp. ("NPC") to Buyer is expressly conditioned upon Buyer's agreement, as evidenced by its signature below or submission of a purchase order, to each and every term contained in this quote, which shall control over any additional, inconsistent or contrary provision in Buyer's purchase order or other sales forms. Buyer acknowledges that the terms and conditions herein are the sole and complete agreement between the parties, which may only be modified and/or amended in separate agreement signed both by NPC and Buyer.

INVOICES. Buyer will be invoiced on the date of shipment for all products and upon substantial completion for all services. Manufacturer service contracts resold by NPC to Buyer are contracts between the manufacturer and Buyer only and will be invoiced when processed by the manufacturer. Applicable taxes and freight charges will be billed as separate line items, unless otherwise specified above.

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become due on the date NPC is prepared to make shipment and NPC may impose reasonable storage and handling charges for delayed shipments. Payment to NPC shall not be contingent on third party payments to Buyer and no portion of the price shall be held as retainage. Buyer shall pay all costs and expenses, including reasonable attorney's fees, incurred by NPC to collect any past due amount.

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LIMITATION OF LIABILITY. NPC SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR INDIRECT DAMAGES FOR ANY REASON, INCLUDING WITHOUT LIMITATION, THOSE CAUSED BY DEFECTS IN MATERIALS OR WORKMANSHIP. THERE IS NO WARRANTY EXCEPT THE APPLICABLE MANUFACTURER'S WARRANTY, WHICH NPC WILL ASSIGN TO BUYER. NPC HEREBY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ANY IMPLIED WARRANTIES WHICH ARE ALLOWED BY LAW SHALL BE LIMITED IN DURATION TO THE TERMS OF THE APPLICABLE MANUFACTURER'S WARRANTY. NPC'S MAXIMUM LIABILITY FOR DAMAGES SHALL BE LIMITED TO THE COST OF THE PRODUCTS AND SERVICES PROVIDED HEREUNDER.

Acceptance

Buyer, through its authorized representative, hereby accepts National Power Corporation's offer as shown on this quote and agrees to all the terms and conditions above.

BY: _____

Name: _____

Title: _____

Company: _____

Date: _____



QUOTE

110 Regent Street, Suite 500

Salt Lake City, UT 84111
USA

www.prioritydispatch.net

Prepared By: Tim Martin

Phone: (800) 363-9127

Email: tim.martin@prioritydispatch.net

Agency:

Perquimans County 911
Communications

Agency ID#:

11328

Quote #:

Q-30834

Date:

12/17/2018

Offer Valid Through:

3/29/2019

Payment Terms

Net 30

Currency:

USD

Bill To:

Perquimans County 911 Communications
159 Creek Drive
Hertford, North Carolina 27944
United States

Ship To:

Perquimans County 911 Communications
159 Creek Drive
Hertford, North Carolina 27944
United States

Line	Product Name	Qty	Unit Price	Amount
1	ProQA Medical Software Licenses Automated calltaking software	2	1,875.00	3,750.00
2	AQUA Case Review Software for EMD Quality Assurance (case review) software base engine and discipline module	1	1,750.00	1,750.00
3	MPDS Backup Cardset License Licensed manual protocol set for backup	2	495.00	990.00
4	Shipping & Handling	1	0.00	0.00

Subtotal	USD 6,490.00
Estimated Tax	
Total	USD 6,490.00

Customer Signature:		Date:	
Customer Name:		Purchase Order ID:	
Credit Card #:		Expiration Date:	

TERMS AND CONDITIONS

This quote is valid for 120 days from date of issue. All prices quoted are exclusive of any applicable taxes, duties, or government assessments relating to this transaction, which are the sole obligation of Buyer. For further information see <https://prioritydispatch.net/license-agreement/>

"To lead the creation of meaningful change in public safety and health."



SOUTHERN SOFTWARE, INC.
an employee-owned company

Agency: Perquimans County Emergency Services, NC

Contact: Jonathan A. Nixon, Director

Date: 12/17/2018

MOBILE DATA INFORMATION SYSTEM (MDIS)	Qty
MDIS License (without NCIC/State Database Query)	50
<i>(Concurrent Licenses; Assumes 50 Installed)</i>	
Total Software: \$42,500.00	

PROJECT MANAGEMENT FEE
Installation, Training and Project Management
Total Project Management: \$4,250.00

YEARLY SUPPORT		
Additional MDIS Support	24/7 SUPPORT	1
Total Support: \$7,225.00		

TOTAL INVESTMENT (STATE TAX AND SHIPPING NOT INCLUDED)	\$53,975.00
---	--------------------

PAYMENT TERMS: 50% DUE UPON SIGNING OF PROPOSAL; 50% DUE UPON COMPLETION OF INSTALL

CUSTOMER'S SIGNATURE _____ DATE _____

Please sign this document and return it to us by fax or E-mail. When the document is signed and returned to Southern Software, we will begin processing your order.

Wireless modems ("Air Cards") are required for each mobile unit (providers include Southern Linc, Sprint, Nextel, Verizon, Alltel, US Cellular, etc.). Wireless service plans are required for each wireless modem and are provided by Agency. (\$35-75/month/user typical)

Cisco ASA 5505 Router may be required the State. (Approximate cost - \$ 500 - to be provided and configured by the Agency)

A VPN Router in addition to the Cisco ASA 5505 Router is required to secure access to the mobile units if RMS is being run in addition to MDIS (NetMotion preferred). (All connections and fees to Agency LAN including hardware provided by Agency. 100MB Ethernet LAN Required.)

Agency must configure all networking for mobile and CAD workstations to ping servers before installation begins. Use a static IP for private address.

Secure High Speed Internet Access (VPN, Remote Desktop, etc) to servers for support provided by Agency.

Proposal of software is valid for (60) days from date of proposal.

Proposal of hardware is valid for (30) days from date of proposal.

Software includes (30) days of free support, including all updates.

Management fees include training, installation, and project management.

Southern Software will install its software products only on computer configurations compatible with these products.

Hardware specifications are available upon request.

Contact information for Public Safety Representative:

Mike Moody
Southern Software
150 Perry Drive
Southern Pines, NC 28387

Business:	800.842.8190
Mobile:	910.603.3481
Fax:	910.695.0251
E-Mail	mmoody@southernsoftware.com



SOUTHERN SOFTWARE, INC.
an employee-owned company

Agency: Perquimans County 911, NC

Contact: Jonathan Nixon

Date: 12/12/2018

PSAWARE (ANNUAL SUBSCRIPTION)

PSAware Annual Subscription	PSAware for over 41-50 Devices	1 Year	\$5,750.00
------------------------------------	--------------------------------	--------	------------

TOTAL INVESTMENT (STATE TAX AND SHIPPING NOT INCLUDED)	\$5,750.00
---	-------------------

CUSTOMER'S SIGNATURE _____ **DATE** _____

Please sign this document and return it to us by fax or mail. When the document is signed and returned to Southern Software, we will begin processing your order.

Proposal of software is valid for (60) days from date of proposal.

Proposal of hardware is valid for (30) days from date of proposal.

Management fees include training, installation, and project management.

Southern Software will install its software products only on computer configurations compatible with these products. Hardware specifications are available upon request.

Contact information for Public Safety Representative:

Mike Moody
Southern Software
150 Perry Drive
Southern Pines, NC 28387

Business: 800.842.8190
Mobile: 910.603.3481
Fax: 910.695.0251
E-Mail: mmoody@southernsoftware.com

Practical Computing Quote



From: Jesse Stallings
Practical Computing
PO Box 97
Camden, NC 27921
United States
(252) 679-8400
jesse@practicalcomputing.biz

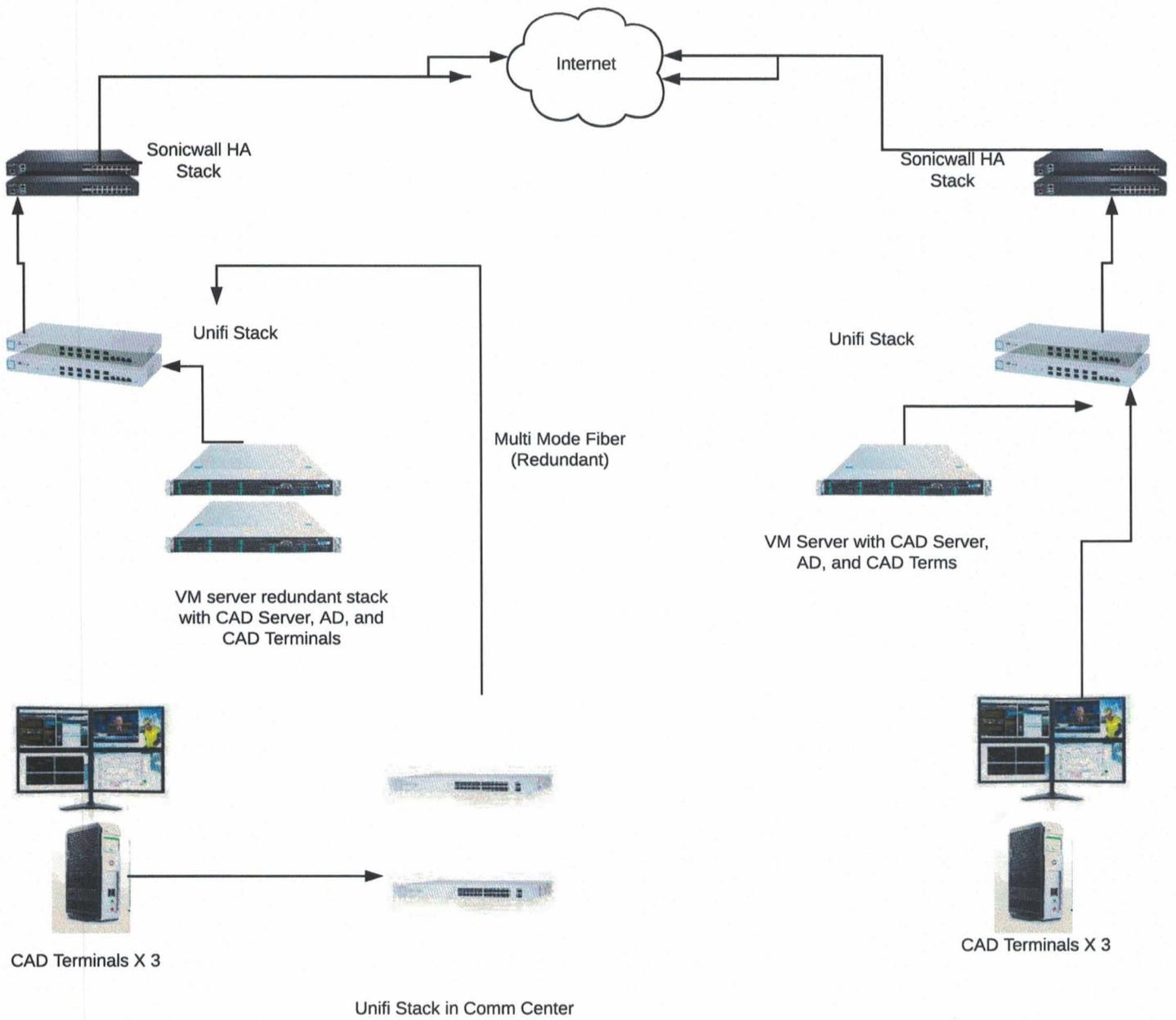
NOT VALID - NEW QUOTE SUBMITTED
per Marsha Tapler 02142019

Prepared for: Jonathan Nixon
Perquimans County
159 Creek Dr
Hertford, NC 27944
United States
(252) 426-5646
jnixon@perquimanscountync.gov

Quantity	Description	Unit Price	Ext. Price
1.00	Qty 3, Nfina rack mount servers each with: 128GB RAM Windows 2019 Standard Edition Government 24 core edition (down-gradable to 2016) with 2 virtual machines and 8 desktop licenses. Dual 10GBit Ethernet adapter Jovian Metro High Availability Cluster system with 5 Years maintenance and support. Engineering labor to configure clusters and fail over. Office 2019 Standard licenses for virtual desktops. 5 year gold warranty 24x7 with NBD Onsite	\$132,934.57	\$132,934.57
1.00	Qty 4, Sonicwall TZ500 TotalSecure -- Advanced edition 5 year with stateful high availability clustering. Sonicwall certified engineering labor to configure firewall included.	\$13,750.00	\$13,750.00
1.00	2 Unifi XG16 switch stacks and 2 Unifi 24 switch stacks with 1 year Elite controller and 1 Year elite warranty	\$5,070.00	\$5,070.00
1.00	Professional Wiring Services -- Install distribution frame in primary com center to provide building wiring for CAD, radio, and phone networks. Includes fiber connectivity to new distribution frame	\$5,500.00	\$5,500.00
200.00	Labor for project management, onsite implementation, CAD virtualization, Active Directory design and creation, etc. Create standard operating procedure including written security plan and policies.	\$85.00	\$17,000.00
		Subtotal:	\$174,254.57
		Sales Tax:	\$11,390.93
		Total:	\$185,645.50

Signature: _____

Date: _____



Perquimans
(Primary)

Perquimas Backup
(Chowan Co.)

Practical Computing Quote



From: Jesse Stallings
Practical Computing
PO Box 97
Camden, NC 27921
United States
(252) 679-8400
jesse@practicalcomputing.biz

Prepared for: Jonathan Nixon
Perquimans County
159 Creek Dr
Hertford, NC 27944
United States
(252) 426-5646
jnixon@perquimanscountync.gov

Quantity	Description	Unit Price	Ext. Price
6.00	CAD Terminal with Quad Monitors to access virtual CAD desktops. -- Unboxed and setup on network.	\$1,675.00	\$10,050.00
		Subtotal:	\$10,050.00
		Sales Tax:	\$678.38
		Total:	\$10,728.38

Signature: _____

Date: _____

10 c)

FY 2020 911 Surcharge

Discussion

(Vote Required)

Surcharge Variations

Surcharge Projection FY2020

Estimated Projected revenue:

FY2020 \$0.60 surcharge rate	\$85,027,184
Less:	
NG911 Fund 10%	<u>\$8,502,718</u>
	\$76,524,466
Administrative Fund 2%	<u>\$1,530,489</u>
Revenue remaining for distribution per fund:	<u>\$74,993,977</u>
Percentage breakdown of remaining revenue:	
CMRS	\$6,749,458
PSAP (prepaid, VoIP, Wireline)	\$68,244,519

Breakdown of Revenues:

CMRS Estimated Fund Balance July 1 2019	\$7,858,399
Estimated CMRS Revenue	\$6,749,458
Estimated CMRS Expense FY2020	<u>\$3,500,000</u>
Remaining fund balance FY2020:	<u>\$11,107,857</u>

PSAP Estimated Fund Balance July 1 2019	\$0
Estimated PSAP Revenue	\$68,244,519
Estimated PSAP Distribution FY2020	<u>\$51,290,113</u>
Estimated Funding Reconsiderations	<u>\$3,500,000</u>
Remaining fund balance FY2020:	<u>\$13,454,406</u>

PSAP Estimated Fund Balance FY2019 for Transfer: \$17,476,168

NG 911 Estimated Fund Balance July 1 2019	\$41,812,224
Estimated NG 911 Revenue	\$8,502,718
Estimated NG 911 Expenses FY2020	<u>\$14,401,792</u>
Remaining fund balance FY2020:	<u>\$35,913,150</u>

FY2020 \$0.65 CURRENT SURCHARGE RATE	\$92,112,783
Less:	
NG911 Fund 10%	<u>\$9,211,278</u>
	Sub-total \$82,901,505
Less:	
Administrative Fund 2%	<u>\$1,658,030</u>
Revenue remaining for distribution per fund:	<u>\$81,243,475</u>
Percentage breakdown of remaining revenue:	
CMRS	\$7,311,913
PSAP (prepaid, VoIP, Wireline)	\$73,931,562

CMRS Estimated Fund Balance July 1 2019	\$7,858,399
Estimated CMRS Revenue	\$7,311,913
Estimated CMRS Expense FY2020	<u>\$3,500,000</u>
Remaining fund balance:	<u>\$11,670,312</u>

PSAP Estimated Fund Balance July 1 2019	\$0
Estimated PSAP Revenue	\$73,931,562
Estimated PSAP Distribution FY2020	<u>\$51,290,113</u>
Estimated Funding Reconsiderations	<u>\$3,500,000</u>
Remaining fund balance FY2020:	<u>\$19,141,449</u>

PSAP Estimated Fund Balance FY2019 for Transfer: \$17,476,168

NG 911 Estimated Fund Balance July 1 2019	\$41,812,224
Estimated NG 911 Revenue	\$9,211,278
Estimated NG 911 Expenses FY2020	<u>\$14,401,792</u>
Remaining fund balance FY2020:	<u>\$36,621,710</u>

FY2020 \$0.70 surcharge rate	\$99,198,382
Less:	
NG911 Fund 10%	<u>\$9,919,838</u>
	\$89,278,544
Administrative Fund 2%	<u>\$1,785,571</u>
Revenue remaining for distribution per fund:	<u>\$87,492,973</u>
Percentage breakdown of remaining revenue:	
CMRS	\$7,874,368
PSAP (prepaid, VoIP, Wireline)	\$79,618,605

CMRS Estimated Fund Balance July 1 2019	\$7,858,399
Estimated CMRS Revenue	\$7,874,368
Estimated CMRS Expense FY2020	<u>\$3,500,000</u>
Remaining fund balance FY2020:	<u>\$12,232,767</u>

PSAP Estimated Fund Balance July 1 2019	\$0
Estimated PSAP Revenue	\$79,618,605
Estimated PSAP Distribution FY2020	<u>\$51,290,113</u>
Estimated Funding Reconsiderations	<u>\$3,500,000</u>
Remaining fund balance FY2020:	<u>\$24,828,492</u>

PSAP Estimated Fund Balance FY2019 for Transfer: \$17,476,168

NG 911 Estimated Fund Balance July 1 2019	\$41,812,224
Estimated NG 911 Revenue	\$9,919,838
Estimated NG 911 Expenses FY2020	<u>\$14,401,792</u>
Remaining fund balance FY2020:	<u>\$37,330,270</u>

Surcharge Variations

Admin Estimated Fund Balance July 1 2019	\$1,272,310
Estimated Administrative Revenue	\$1,530,489
Estimated Administrative Cost FY2020	<u>\$1,767,659</u>
Remaining fund balance FY2020:	<u><u>\$1,035,140</u></u>

Admin Estimated Fund Balance July 1 2019	\$1,272,310
Estimated Administrative Revenue	\$1,658,030
Estimated Administrative Cost FY2020	<u>\$1,767,659</u>
Remaining fund balance FY2020:	<u><u>\$1,162,681</u></u>

Admin Estimated Fund Balance July 1 2019	\$1,272,310
Estimated Administrative Revenue	\$1,785,571
Estimated Administrative Cost FY2020	<u>\$1,767,659</u>
Remaining fund balance FY2020:	<u><u>\$1,290,222</u></u>

Cash basis reporting**

No Interest**

10 d)

General Report

Tab 11 *(5 Minutes)*

Finance Team Report

Marsha Tapler/Danette Jernigan

Tab 12 *(9 Minutes)*

Grant Committee Report

Heather Campbell

12 a)

**2020 Grant Workshop – March
20**

12 b)

**2020 Grant Cycle Tentative
Schedule**

TENTATIVE 2020 Grant Cycle Calendar TENTATIVE 2019.02.14

Milestone	Date	Day of Week	Days to Next Date	
Grant Workshop for PSAPs	3/20/19	Wednesday	12	Meeting Date for Grant Committee, Staff, and Potential Applicants
Beginning of Grant Cycle - Application Posted to Website	4/1/19	Monday	60	
Grant Applications Due	5/31/19	Friday	31	
Grant Committee Discussion	7/1/19	Monday	8	Meeting Date for Grant Committee and Staff
Grant Applications Presentation Day	7/9/19	Tuesday	2	Meeting Date for Grant Committee, Staff, and Applicants
Grant Committee Meeting - Review and Vote	7/11/19	Thursday	5	Meeting Date or Conference Call for Grant Committee and Staff
Grant Committee Results to Board for Review prior to Board Meeting	7/16/19	Tuesday	10	
Board Meeting - Vote on Grant Applications	7/26/19	Friday	21	Meeting Date for Board
Results Notifications to Grant Applicants	8/16/19	Friday	31	
Grant Acceptance Letter Due from PSAP	9/16/19	Monday	30	
Grant Agreements Finalized to PSAPs for Signature	10/16/19	Wednesday	90	
Final Date for all PSAP Agreements to be Executed (Per Individual Agreement Date Based on Return of Acceptance)	1/14/2020	Tuesday		

Key Timeframes	Calendar Days
Days from Workshop to Applications Due	72
Days from Beginning of Grant Cycle to Applications Due	60
Days from Applications Due to Presentation Day (Grant Comm/Staff Prep Time)	39
Days from Presentation Day to Grant Committee Meeting	2
Days from Grant Committee Meeting to Results to Board	5
Days for Board to Pre-Review Results prior to Board	10
Days to Prepare Notification Letters to PSAPs	21
Days to Receive Acceptance Letters from PSAPs	31
Days to Prepare Grant Agreements for PSAPs	30
Days for PSAPs to Execute Grant Agreement	90

Allocate ~30 minutes per applicant, 10 minutes for presentation and 20 minutes for questions

Tab 13 (4 Minutes)

Standards Committee Report

Donna Wright

Tab 14 (5 Minutes)

**NENA's 911 Goes to
Washington**

Donna Wright

Tab 15 (40 Minutes)

Technology Committee Report

Jeff Shipp/Gerry Means

15 a)

General Report

15 b)

GIS RFP Discussion

*****CLOSED SESSION*****

**The NC 911 Board is in
CLOSED SESSION for
agenda item 15 b) GIS
RFP Discussion and
will return to OPEN
SESSION at the
conclusion of that
discussion.**

15 c)

GIS Contract Award

*****RETURN TO OPEN
SESSION*****

(Vote Required)

Tab 16 (5 Minutes)

911 Regional Coordinator Reports

Tina Bone/Angie Turbeville

Tab 17 (3 Minutes)

Other

Adjourn

MARCH 2020 COMMITTEE MEETINGS

Phillips Building Training Room, 109 East North Street, Raleigh
(Unless otherwise noted.)

- ❖ March 12 – Technology Committee
- ❖ March 13 – TC Training/Standards Stakeholder Summit
- ❖ March 14 – Funding Committee
- ❖ March 20 – Grant Workshop

FEBRUARY BOARD MEETING

Friday, March 22, 2019 – In-Person or WebEx TBD

LOGISTICS FOR FUTURE BOARD MEETINGS ARE UNDERWAY. WATCH INBOX AND/OR WEBSITE FOR DETAILS

