



LOWNDES COUNTY BOARD OF COMMISSIONERS
PROPOSED AGENDA
WORK SESSION, AUGUST 12, 2019, 8:30 AM
REGULAR SESSION, AUGUST 13, 2019, 5:30 PM
327 N. Ashley Street - 2nd Floor

1. Call To Order

2. Invocation

3. Pledge Of Allegiance To The Flag

4. Minutes For Approval

- a. Work Session - July 22, 2019 and Regular Session - July 23, 2019
Recommended Action: Approve
Documents:

5. Appointment

- a. Lowndes County Construction Board of Adjustments and Appeals
Recommended Action: Approve
Documents:

6. For Consideration

- a. Hazard Mitigation Grant Program Applications
Recommended Action: Board's pleasure
Documents:
- b. EMGrants User Access Agreement
Recommended Action: Approve
Documents:
- c. Dell Lease Purchase Schedule
Recommended Action: Approve
Documents:
- d. Signing of Master Services Agreement (MSA) between IBM and Lowndes County.
Recommended Action: Approve
Documents:
- e. Annual Contract Renewal for Mosquito Identification and Testing
Recommended Action: Approve
Documents:

f. Howell Lane R/W Property Just Compensation

Recommended Action: Approve

Documents:

g. SPLOST VIII

Recommended Action: Approve

Documents:

7. Bid

a. LAS & Pump Station Improvements

Recommended Action: Approve

Documents:

b. Paving on Howell Lane and a portion of Lester Road

Recommended Action: Accept

Documents:

c. Replacement of Hickory Grove Road Bridges

Recommended Action: Accept

Documents:

8. Reports - County Manager

9. Citizens Wishing To Be Heard - Please State Your Name and Address

10. Adjournment

LOWNDES COUNTY BOARD OF COMMISSIONERS
COMMISSION AGENDA ITEM

SUBJECT: Lowndes County Construction Board of Adjustments and Appeals

Work Session/Regular Session

DATE OF MEETING: August 13, 2019

BUDGET IMPACT:

FUNDING SOURCE:

() Annual

() Capital

(X) N/A

() SPLOST

() TSPLOST

COUNTY ACTION REQUESTED ON: Appointing/reappointing a member

HISTORY, FACTS AND ISSUES: The term of Mr. Randall Crews on the Valdosta-Lowndes County Construction Board of Adjustments and Appeals expired on June 30, 2019. Mr. Crews is interested in being reappointed to the board.

OPTIONS: 1. Appoint/reappoint a member
2. Board's pleasure

RECOMMENDED ACTION: Approve

DEPARTMENT: County Manager

DEPARTMENT HEAD: Joseph Pritchard

ADMINISTRATIVE COMMENTS AND RECOMMENDATIONS:

LOWNDES COUNTY BOARD OF COMMISSIONERS
COMMISSION AGENDA ITEM

SUBJECT: Hazard Mitigation Grant Program Applications

Work Session/Regular Session

DATE OF MEETING: August 13, 2019

BUDGET IMPACT: \$1,568,020.68

100% Reimbursed

FUNDING SOURCE:

() Hazard Mitigation Grant Funding (GEMA) - \$1,176,015.51

() Pruitt Health Corporation - \$392,005.17

() N/A

() SPLOST

() TSPLOST

COUNTY ACTION REQUESTED ON: Approval of Hazard Mitigation Grant Applications

HISTORY, FACTS AND ISSUES: The Georgia Emergency Management Agency (GEMA) recently released guidance which made Hazard Mitigation funding available to nursing homes for the purpose of installing transfer switches and/or emergency backup generators on their facilities. Not for profit nursing homes are eligible to apply directly with GEMA whereas for profit facilities must submit applications through the local Emergency Management Agency in the county in which their facility(s) reside. Because all five of the long term care facilities in Lowndes County are for profit businesses, operated by Pruitt Health Corporation, in order for them to receive funding to install generators at each of their facilities to power the entire facility in the event of a power failure, Lowndes County must serve as the applicant agent. If approved, Lowndes County would serve as the applicant and fiscal agent for the grant and submit requests through GEMA for 75% of the costs which are eligible for reimbursement. Upon award of a bid to the selected vendor, Pruitt Health would provide Lowndes County with the 25% cost share prior to Lowndes County disbursing any funds. The anticipated reimbursement timeframe from GEMA for their share of the funding is 30-45 days. Each application is considered separately so GEMA could decide to fund none of the applications, all of the applications or fund some and reject the others. If all applications are chosen for funding the total project cost based on budgetary quotes is just over \$1.5 million of which Lowndes County would be fully reimbursed by GEMA and Pruitt Health.

OPTIONS: 1. Authorize the Chairman to sign grant applications for submittal by staff.
 2. Board's Pleasure

RECOMMENDED ACTION: Board's pleasure

DEPARTMENT: Emergency Management

DEPARTMENT HEAD: Ashley Tye

ADMINISTRATIVE COMMENTS AND RECOMMENDATIONS:

Georgia Emergency Management Agency / Homeland Security
Pre-Application
Generator Worksheet

This worksheet is for all Hazard Mitigation Assistance grant programs "Generator for Critical Facility" proposals. Please complete ALL sections and provide the documents requested. If you require technical assistance with this worksheet, please contact the Hazard Mitigation Division at (404)-635-7522 or 1-800-TRY-GEMA to have a Hazard Mitigation Program Specialist assigned to you.

A. Applicant Information

1. **Name of Applicant:** Lowndes County Board of Commissioners

2. **Applicant Type**

State Government Local Government Private Non-Profit

3. **Worksheet Prepared by:**

Ms. Mr. Mrs. **First Name** Ashley **Last Name** Tye

Title EMA Director **Telephone** (229) 671-2790

Address (City, State, Zip): 2981 US Hwy 84 E Valdosta, GA 31606

E-mail address: atye@lowndescounty.com

4. **Authorized Applicant Agent** (An individual authorized to sign financial and legal documents on behalf of the local government (e.g., the Chairperson, Board of County Commissioners or the County Manager, etc.).

Ms. Mr. Mrs. **First Name** Bill **Last Name** Slaughter

Title Chairman **Telephone** (229) 671-2440

Address (City, State, Zip): 327 N Ashley St Valdosta, GA 31601

E-mail address: bslaughter@lowndescounty.com

Signature: _____ **Date Submitted:** 7/30/2019

B. Project Information/Mitigation Plan

1. **Project Title:** Emergency Backup Generator for Pruitt Health Crestwood

2. **Project Summary:** (Describe in detail what you are proposing to do.)

Professional installation of a 250kW backup generator to provide emergency power to a 79 bed long term care facility (nursing home). This generator will fully power the entire facility and also be equipped with an automatic transfer switch to instantaneously switch the facility to generator power should commercial power be interrupted. Because of the need to provide consistent, reliable power to medically necessary life saving equipment, this generator project is highly important to the community.

3. **Date of Hazard Mitigation Plan approval by FEMA:** September 13, 2016

This project must be identified in your Hazard Mitigation Plan. Provide a copy of the goal, objective, and action step that supports your project application. Please attach a letter of endorsement for the project from your County's Emergency Management Agency (EMA) Director

Generators: Power loss is a common result of winter storms within the County. Generators should be considered for many critical facilities, including emergency response facilities and designated shelters. This can result in a continuation of services that would otherwise not be possible. An accurate accounting of existing generators should first be conducted, followed by recommendations for adding generators to critical facilities.

Georgia Emergency Management Agency / Homeland Security
Pre-Application
Generator Worksheet

Mitigation Goal #2 - Minimize damage caused by High Winds of Hurricanes and Tornadoes in Lowndes County.

Objective #3 - Ensure all existing and new institutional/public buildings are adequate to withstand sustained winds up to 109 mph.

Action Step - Prewire manual transfer switches for generator use in infrastructure.
Install auxiliary generators for all designated critical infrastructure.

For each fixed generator, please complete sections I through VII in its entirety.

I. **Project Description : Fixed Generator for** Pruitt Health - Crestwood

II. **History of Hazards**

Provide a detailed power outage report for each critical facility which includes weather related events from a minimum of three different years. Indicate the cause of the power outage. This information should be obtained from your power provider. **The examples in bold qualify as weather related events.**

Date	Time of Outage	Duration (Minutes)	Outage Type	Description
August 14, 2016		36	Trees-Other	Lines down due to trees
September 2, 2016		1033	Tropical Storm	Lines down due to trees
September 11, 2017		4546	Hurricane	Lines down due to trees
July 30, 2018		32	Lightning	Lines clear, fault on breaker

III. **Fixed Generator Location**

1. **Name of facility, physical address (including city and zip code).**

Pruitt Health Crestwood 415 Pendleton Place Valdosta, GA 31602

Digital Latitude: 30.864068 **Digital Longitude:** -83.281765

***Digital Latitude and Digital Longitude coordinates need to be in Decimal Degrees. The coordinates should be for the fixed generator site not the facility.**

Facility Year Built: 1964

2. **Flood Insurance Rate Map (FIRM) showing Generator Location**

<http://map.georgiadfirm.com/>

Attach a copy of the panel(s) from the FIRM.

- VE or V 1-30*
- AE or A 1-30*
- AO or AH*
- A (no base flood elevation given)*
- B or X (shaded)
- C or X (unshaded)

***If located in the above zones with an asterisk, the fixed generator and transfer switch must be elevated to the 500 year flood level.**

3. **Map and Photographs of Generator Location**

- Include Google map with the fixed generator site clearly marked.
- Provide high-resolution color photographs by email showing a front view, a side view, a back view and a street view of the structure with the fixed generator site clearly marked.

IV. **Structure Information**

1. **Critical Facility Type:**

- Police Station
- Fire Station
- Hospital
- Water Treatment Facility
- Wastewater Treatment Facility
- EOC
- Other Nursing Home

2. **Additional Data to Determine Cost Effectiveness**

Name of current electrical power provider: GA Power

Please include a power outage report for the critical facility which includes weather related events from a minimum of three different years, **refer to History of Hazards section.**

Power Outage Report Attached Yes No

V. Facility and Value of Service Data

1. For Water or Waste Water Services

Number of meters: _____

2. For Hospitals

Number of people served by this hospital: _____

What is the distance in miles between this hospital and the hospital that would treat these people in the event this hospital was inoperative: _____

Number of people served by the nearest hospital: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

3. For Police Stations

Type of station Metropolitan City Rural

Number of people served by this police station: _____

Number of police officers who work at this location: _____

Number of police officers who would not work at this location in a power outage: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

4. For Fire Stations

Type of station Urban Suburban Rural Wilderness (from USDA's Urban Influence Codes)

Number of people served by this fire station: _____

Distance in miles to next closest fire station that has backup power _____

Does Fire Station Provide EMS Yes No

If Fire Station provides EMS (Distance in miles to next closest fire station that could provide EMS service and has backup power): _____

5. For EOC

Type of EOC: Stand-alone structure Part of an existing structure

Use of existing structure: _____

Operation of EOC: Full time, daily Temporary, only upon activation

Annual Operating Budget: _____

Average Number of Days of Use per year: _____

6. For Other Facility Nursing Home

Annual budget(s) for the department(s) affected by loss of facility: \$5,315,000

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

VI. **Fixed Generator Budget**

Do not include contingency costs in the budget. List all anticipated costs in detailed. Consider the potential future date of construction when compiling the cost estimate. **Please provide documentation for each budget item with detailed vendor(s) estimates.**

Site Location	Shipping and Installation	Generator	Fuel Tank	Concrete Pad for Generator (if needed)	Generator and Fuel Tank Elevation (if needed)	Facility Transfer Switch and connections (if needed)	Fuel for Initial Testing	Total Project Costs
Pruitt Health Crestwood	183,767	89,110	11,157	10,845	N/A	24,555	272	\$345,282.48
Total	183,767	89,110	11,157	10,845	N/A	24,555	272	\$345,282.48

Annual Maintenance Cost: \$2,000 for Year 1 and \$5000/year starting Year 2

Source of Maintenance Cost Estimate: Yancey Power Systems

VII. GENERATOR DATA SHEET

1. Running Load (KW)	<u>130-140kW</u>	Concrete Pad Dimensions	
2. Starting Load (KW)	<u>170-180kW</u>	Length:	<u>211"</u>
3. Is load being stepped in?	<u>No</u>	Width:	<u>52"</u>
4. Generator Specified (KW)	<u>200kW</u>	Depth:	<u>8-12"</u>
5. Generator Voltage	<u>208/120VAC</u>		
6. Single or Three Phase	<u>Three Phase</u>		
7. Type of Controls	<u>X</u> _____		
	Automatic Manual		
8. Type of Fuel	_____ <u>X</u> _____		
	Gas Diesel Propane Other		

Additional information/remarks (Select appropriately):

Generator Type: Fixed Portable

- Generator on slab, not in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work
- Generator on slab, in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work AND:
 - A letter provided by floodplain manager stating project complies with local floodplain ordinance
- Elevated generator, not in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work AND:
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic
- Elevated generator, in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work AND:
 - A letter provided by the floodplain manager stating project complies with local floodplain ordinance
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic

If portable, provide transport, hook up, and fuel supply and storage requirements at multiple facilities and how these will be executed.

I certify that I have visited the project site, performed all necessary tests, and have verified that the attached calculated loads and generator specifications will meet all requirements of this proposed installation as described in the Application’s description of work.

_____ Signature	_____ Title	_____ Date
_____ Print Name	_____ Organization	_____ Telephone Number

NOTES:

1. The generator must be installed in accordance with all applicable local and national building and electrical codes, in addition to the “Generator Codes and Standards”.
2. Please attach available information on proposed equipment, load and sizing data, etc.
3. The Applicant should develop and implement a generator maintenance plan which includes periodically exercising the generator under load.

THIS FORM MUST BE SIGNED BY A CERTIFIED ELECTRICIAN

Generator Codes and Standards

In accordance with the National Electrical Code

NOTE: Manufacturer's installation instructions will apply for all areas outside the flood hazard area. In the absence of manufacturer's instructions, the method of installation will be approved by the building official as related to the pad supporting the generator. Inside the flood area, a structure will be required for support of the generator to be designed by an engineer and approved by the building official and elevated 2 feet above base flood elevation.

430-14.*
17, 520,

530 and 665, shall also comply with the provisions of those Articles.

It is recommended that waterproof covers be provided for use in emergency.

445-2. Marking. Each generator shall be provided with a nameplate giving the maker's name, the rating in kilowatts or kilovolt-amperes, the normal volts and amperes corresponding to the rating, and the revolutions per minute.

445-3. Drip Pans. Generators shall be provided with suitable drip pans if required by the authority having jurisdiction.

445-4. Overcurrent Protection.

- (a) **Constant-Potential Generators.** Constant-potential generators, except alternating-current generators and their exciters, shall be protected from excessive current by circuit breakers or fuses.
- (b) **Two-Wire Generators.** Two-wire, direct-current generators may have overcurrent protection in one conductor only if the overcurrent device is actuated by the entire current generated, except that in the shunt field. The overcurrent device shall not open the shunt field.
- (c) **65 Volts of Less.** Generators operating at 65 volts or less and driven by individual motors shall be considered as protected by the overcurrent device protecting the motor if these devices will operate when the generators are delivering not more than 150 per cent of their full-load rated current.
- (d) **Balancer Sets.** Two-wire, direct-current generators used in conjunction with balancer sets to obtain neutrals for 3-wire systems shall be equipped with overcurrent devices which will disconnect the 3-wire system in the case of excessive unbalancing of voltages or currents.
- (e) **3-Wire, Direct-Current Generators.** Three-wire, direct-current generators, whether compound or shunt wound shall be equipped with overcurrent devices, one in each armature lead, and so connected as to be actuated by the entire current from the armature. Such overcurrent devices shall consist either of a double-coil circuit breaker, or of a 4-pole circuit breaker connected in the main and equalizer leads and tripped by two overcurrent devices, one in each armature lead. Such protective devices shall be so interlocked that no one pole can be opened without simultaneously disconnecting both leads of the armature from the system.

445-5. Size of Conductors. The conductors from the generator terminals to supplied equipment shall have an ampacity not less than 115 per cent of the nameplate current rating of the generator. Neutral conductors shall be the same size as the conductors of the outside legs.

445-6. Protection of Live Parts. Live parts of generators of more than 150 volts to ground shall not be exposed to accidental contact where accessible to unqualified persons.

445-7. Guards for Attendants. Where necessary for the safety of attendants the provisions of section 430-133 shall be complied with.

445-8. Grounding. If a generator operates at a terminal voltage in excess of 150 volts to ground, the frame shall be grounded in the manner specified in Article 250.* If the frame is not grounded, it shall be permanently and effectively insulated from the ground.

445-9. Bushings. Where wires pass through an opening in an enclosure, conduit box, or barrier, a bushing shall be used to protect the conductors from the edges of the opening having sharp edges. The bushing shall have smooth, well rounded surfaces where it may be in contact with conductors. If used where there may be a presence of oils, grease, or other contaminants, the bushing shall be made of a material not deleteriously affected.

*** 430.14. Location of Motors.**

- (A) **Ventilation and Maintenance.** Motors shall be located so that adequate ventilation is provided and so that maintenance, such as lubrication of bearings and replacing of brushes, can be readily accomplished.

Exception: Ventilation shall not be required for submersible types of motors.

- (B) **Open Motors.** Open motors that have commutators or collector rings shall be located or protected so that sparks cannot reach adjacent combustible material.

Exception: Installation of these motors on wooden floors or supports shall be permitted.

For each portable generator, please complete sections I through VIII in its entirety.

I. Project Description : Portable Generator for _____

II. History of Hazards

Provide a detailed power outage report for each critical facility that the portable generator will support. Include weather related events from a minimum of three different years. Indicate the cause of the power outage. This information should be obtained from your power provider. **The examples in bold qualify as weather related events.**

Date	Time of Outage	Duration (Minutes)	Outage Type	Description
Mon. Feb. 16, 2015	21:26:13 EST	623	Extreme Storm	Trees in Ice Storm
Tue. Jan. 07, 2014	17:41:34 EST	42	Lightning	Lines clear, fault on breaker
Tue. Jan. 07, 2014	06:37:00 EST	75	Equipment Fault	Cracked Insulator
Thu. Dec. 19, 2013	13:31:40 EST	47	Trees-Other	Lines down due to trees

III. Portable Generator Storage Location

1. Name of facility, physical address (including city and zip code).

Digital Latitude: _____ **Digital Longitude:** _____

***Digital Latitude and Digital Longitude coordinates need to be in Decimal Degrees. The coordinates should be for the storage unit, not the main building of the facility.**

Facility Year Built: _____

2. Flood Insurance Rate Map (FIRM) showing Portable Generator Storage Location. The portable generator storage location cannot be located in a special flood hazard area.

Attach a copy of the panel(s) from the FIRM.

- VE or V 1-30
- AE or A 1-30
- AO or AH
- A (no base flood elevation given)
- B or X (shaded)
- C or X (unshaded)

3. Map and Photographs of Portable Generator Storage Location

- Include Google map with the portable generator storage site clearly marked.
- Provide high-resolution color photographs by email showing a front view, a side view, a back view and a street view of the structure with the portable generator site clearly marked.

IV. Structure Information for Critical Facility that will be served by the Portable Generator

1. Critical Facility Type:

- Police Station Fire Station Hospital Water Treatment Facility
- Wastewater Treatment Facility EOC Other _____

2. Additional Data to Determine Cost Effectiveness

Name of current electrical power provider: _____

Please include a power outage report for the critical facility which includes weather related events from a minimum of three different years, **refer to History of Hazards section.**

Power Outage Report Attached Yes No

V. Facility and Value of Service Data (Provide information for each structure that will be served by the Portable Generator)

1. For Water or Waste Water Services

Number of meters: _____

2. For Hospitals

Number of people served by this hospital: _____

What is the distance in miles between this hospital and the hospital that would treat these people in the event this hospital was inoperative: _____

Number of people served by the nearest hospital: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

3. For Police Stations

Type of station Metropolitan City Rural

Number of people served by this police station: _____

Number of police officers who work at this location: _____

Number of police officers who would not work at this location in a power outage: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

4. For Fire Stations

Type of station Urban Suburban Rural Wilderness (from USDA's Urban Influence Codes)

Number of people served by this fire station: _____

Distance in miles to next closest fire station that has backup power _____

Does Fire Station Provide EMS Yes No

If Fire Station provides EMS (Distance in miles to next closest fire station that could provide EMS service and has backup power): _____

5. For EOC

Type of EOC: Stand-alone structure Part of an existing structure

Use of existing structure: _____

Operation of EOC: Full time, daily Temporary, only upon activation

Annual Operating Budget: _____

Average Number of Days of Use per year: _____

6. For Other Facility _____

Annual budget(s) for the department(s) affected by loss of facility: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

VI. **Location of Structures that will be served by the Portable Generator**

Structure Name	Address	Zip Code	Year Built	Will Require Modification To Add Transfer Switch To Outside Of Structure (Yes or No)	Latitude/ Longitude

***Latitude and Longitude coordinates need to be in Decimal Degrees. The coordinates should be where the portable generator connects to each of the listed structure names.**

1. Include Flood Insurance Rate Map (FIRM) showing each structure

- Attach a copy of the panel(s) from the FIRM.
 - VE or V 1-30*
 - AE or A 1-30*
 - AO or AH*
 - A (no base flood elevation given)*
 - B or X (shaded)
 - C or X (unshaded)

***If located in the above zones with an asterisk, the transfer switch must be installed to the 500 year flood level.**

2. Map and Photographs showing each structure

- Include Google map with the structure clearly marked.
- Provide high-resolution color photographs by email showing a front view, a side view, a back view and a street view of the structure.

VII. Portable Generator Budget

Do not include contingency costs in the budget. List all anticipated costs in detailed. Consider the potential future date of construction when compiling the cost estimate. **Please provide documentation for each budget item with detailed vendor(s) estimates.**

Site Location	Shipping and Installation	Generator	Fuel Tank	Generator and Fuel Tank Elevation (if needed)	Facility Transfer Switch and connections (if needed)	Fuel for Initial Testing	Total Project Costs
Total	0	0	0	0	0	0	0

Annual Maintenance Cost: _____

Source of Maintenance Cost Estimate: _____

VII. GENERATOR DATA SHEET

1. Running Load (KW)	<u>165-175kW</u>	Concrete Pad Dimensions	
2. Starting Load (KW)	<u>213-225kW</u>	Length:	<u>231"</u>
3. Is load being stepped in?	<u>No</u>	Width:	<u>93"</u>
4. Generator Specified (KW)	<u>250kW</u>	Depth:	<u>8-12"</u>
5. Generator Voltage	<u>208/120VAC</u>		
6. Single or Three Phase	<u>Three Phase</u>		
7. Type of Controls	<u>X</u>		
	Automatic	Manual	
8. Type of Fuel	<u> </u>	<u>X</u>	<u> </u>
	Gas	Diesel	Propane
			Other

Additional information/remarks (Select appropriately):

Generator Type: Fixed Portable

- Generator on slab, not in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work
- Generator on slab, in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work AND:
 - A letter provided by floodplain manager stating project complies with local floodplain ordinance
- Elevated generator, not in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work AND:
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic
- Elevated generator, in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work AND:
 - A letter provided by the floodplain manager stating project complies with local floodplain ordinance
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic

If portable, provide transport, hook up, and fuel supply and storage requirements at multiple facilities and how these will be executed.

I certify that I have visited the project site, performed all necessary tests, and have verified that the attached calculated loads and generator specifications will meet all requirements of this proposed installation as described in the Application's description of work.

Robert L. Kent
Signature

President HGM
Title

7/30/2019
Date

Robert L. Kent
Print Name

Data Power Source
Organization

404-317-1919
Telephone Number

NOTES:

1. The generator must be installed in accordance with all applicable local and national building and electrical codes, in addition to the "Generator Codes and Standards".
2. Please attach available information on proposed equipment, load and sizing data, etc.
3. The Applicant should develop and implement a generator maintenance plan which includes periodically exercising the generator under load.

THIS FORM MUST BE SIGNED BY A CERTIFIED ELECTRICIAN

Generator Codes and Standards

In accordance with the National Electrical Code

NOTE: Manufacturer's installation instructions will apply for all areas outside the flood hazard area. In the absence of manufacturer's instructions, the method of installation will be approved by the building official as related to the pad supporting the generator. Inside the flood area, a structure will be required for support of the generator to be designed by an engineer and approved by the building official and elevated 2 feet above base flood elevation.

0-14.* Generators and 665, shall also

comply with the provisions of those Articles.

It is recommended that waterproof covers be provided for use in emergency.

445-2. Marking. Each generator shall be provided with a nameplate giving the marker's name, the rating in kilowatts or kilovolt-amperes, the normal volts and amperes corresponding to the rating, and the revolutions per minute.

445-3. Drip Pans. Generators shall be provided with suitable drip pans if required by the authority having jurisdiction.

445-4. Overcurrent Protection.

- (f) **Constant-Potential Generators.** Constant-potential generators, except alternating-current generators and their exciters, shall be protected from excessive current by circuit breakers or fuses.
- (g) **Two-Wire Generators.** Two-wire, direct-current generators may have overcurrent protection in one conductor only if the overcurrent device is actuated by the entire current generated, except that in the shunt field. The overcurrent device shall not open the shunt field.
- (h) **65 Volts or Less.** Generators operating at 65 volts or less and driven by individual motors shall be considered as protected by the overcurrent device protecting the motor if these devices will operate when the generators are delivering not more than 150 per cent of their full-load rated current.
- (i) **Balancer Sets.** Two-wire, direct-current generators used in conjunction with balancer sets to obtain neutrals for 3-wire systems shall be equipped with overcurrent devices which will disconnect the 3-wire system in the case of excessive unbalancing of voltages or currents.
- (j) **3-Wire, Direct-Current Generators.** Three-wire, direct-current generators, whether compound or shunt wound shall be equipped with overcurrent devices, one in each armature lead, and so connected as to be actuated by the entire current from the armature. Such overcurrent devices shall consist either of a double-coil circuit breaker, or of a 4-pole circuit breaker connected in the main and equalizer leads and tripped by two overcurrent devices, one in each armature lead. Such protective devices shall be so interlocked that no one pole can be opened without simultaneously disconnecting both leads of the armature from the system.

445-5. Size of Conductors. The conductors from the generator terminals to supplied equipment shall have an ampacity not less than 115 per cent of the nameplate current rating of the generator. Neutral conductors shall be the same size as the conductors of the outside legs.

445-6. Protection of Live Parts. Live parts of generators of more than 150 volts to ground shall not be exposed to accidental contact where accessible to unqualified persons.

445-7. Guards for Attendants. Where necessary for the safety of attendants the provisions of section 430-133 shall be compiled with.

445-8. Grounding. If a generator operates at a terminal voltage in excess of 150 volts to ground, the frame shall be grounded in the manner specified in Article 250.* If the frame is not grounded, it shall be permanently and effectively insulated from the ground.

445-9. Bushings. Where wires pass through an opening in an enclosure, conduit box, or barrier, a bushing shall be used to protect the conductors from the edges of the opening having sharp edges. The bushing shall have smooth, well rounded surfaces where it may be in contact with conductors. If used where there may be a presence of oils, grease, or other contaminants, the bushing shall be made of a material not deleteriously affected.

*** 430.14. Location of Motors.**

- (C) Ventilation and Maintenance. Motors shall be located so that adequate ventilation is provided and so that maintenance, such as lubrication of bearings and replacing of brushes, can be readily accomplished.
Exception: Ventilation shall not be required for submersible types of motors.
- (D) Open Motors. Open motors that have commutators or collector rings shall be located or protected so that sparks cannot reach adjacent combustible material.
Exception: Installation of these motors on wooden floors or supports shall be permitted.

Georgia Emergency Management Agency / Homeland Security
Pre-Application
Generator Worksheet

This worksheet is for all Hazard Mitigation Assistance grant programs "Generator for Critical Facility" proposals. Please complete ALL sections and provide the documents requested. If you require technical assistance with this worksheet, please contact the Hazard Mitigation Division at (404)-635-7522 or 1-800-TRY-GEMA to have a Hazard Mitigation Program Specialist assigned to you.

A. Applicant Information

1. **Name of Applicant:** Lowndes County Board of Commissioners

2. **Applicant Type**

State Government Local Government Private Non-Profit

3. **Worksheet Prepared by:**

Ms. Mr. Mrs. **First Name** Ashley **Last Name** Tye

Title EMA Director **Telephone** (229) 671-2790

Address (City, State, Zip): 2981 US Hwy 84 E Valdosta, GA 31606

E-mail address: atye@lowndescounty.com

4. **Authorized Applicant Agent** (An individual authorized to sign financial and legal documents on behalf of the local government (e.g., the Chairperson, Board of County Commissioners or the County Manager, etc.).

Ms. Mr. Mrs. **First Name** Bill **Last Name** Slaughter

Title Chairman **Telephone** (229) 671-2440

Address (City, State, Zip): 327 N Ashley St Valdosta, GA 31601

E-mail address: bslaughter@lowndescounty.com

Signature: _____ **Date Submitted:** 7/30/2019

B. Project Information/Mitigation Plan

1. **Project Title:** Emergency Backup Generator for Pruitt Health Holly Hill

2. **Project Summary:** (Describe in detail what you are proposing to do.)

Professional installation of a 150kW backup generator to provide emergency power to a 100 bed long term care facility (nursing home). This generator will fully power the entire facility and also be equipped with an automatic transfer switch to instantaneously switch the facility to generator power should commercial power be interrupted. Because of the need to provide consistent, reliable power to medically necessary life saving equipment, this generator project is highly important to the community.

3. **Date of Hazard Mitigation Plan approval by FEMA:** September 13, 2016

This project must be identified in your Hazard Mitigation Plan. Provide a copy of the goal, objective, and action step that supports your project application. Please attach a letter of endorsement for the project from your County's Emergency Management Agency (EMA) Director

Generators: Power loss is a common result of winter storms within the County. Generators should be considered for many critical facilities, including emergency response facilities and designated shelters. This can result in a continuation of services that would otherwise not be possible. An accurate accounting of existing generators should first be conducted, followed by recommendations for adding generators to critical facilities.

Georgia Emergency Management Agency / Homeland Security
Pre-Application
Generator Worksheet

Mitigation Goal #2 - Minimize damage caused by High Winds of Hurricanes and Tornadoes in Lowndes County.

Objective #3 - Ensure all existing and new institutional/public buildings are adequate to withstand sustained winds up to 109 mph.

Action Step - Prewire manual transfer switches for generator use in infrastructure.
Install auxiliary generators for all designated critical infrastructure.

For each fixed generator, please complete sections I through VII in its entirety.

I. **Project Description : Fixed Generator for** Pruitt Health - Crestwood

II. **History of Hazards**

Provide a detailed power outage report for each critical facility which includes weather related events from a minimum of three different years. Indicate the cause of the power outage. This information should be obtained from your power provider. **The examples in bold qualify as weather related events.**

Date	Time of Outage	Duration (Minutes)	Outage Type	Description
September 2, 2016		1019	Tropical Storm	Lines down due to trees
June 13, 2018		2	Equipment Failure	Fault on Breaker
January 13, 2019		35	Equipment Failure	Vehicle broke pole

III. **Fixed Generator Location**

1. **Name of facility, physical address (including city and zip code).**

Pruitt Health Holly Hill 413 Pendleton Pl Valdosta, GA 31602

Digital Latitude: 30.832703 **Digital Longitude:** -83.278488

***Digital Latitude and Digital Longitude coordinates need to be in Decimal Degrees. The coordinates should be for the fixed generator site not the facility.**

Facility Year Built: 1967

2. **Flood Insurance Rate Map (FIRM) showing Generator Location**

<http://map.georgiadfirm.com/>

Attach a copy of the panel(s) from the FIRM.

- VE or V 1-30*
- AE or A 1-30*
- AO or AH*
- A (no base flood elevation given)*
- B or X (shaded)
- C or X (unshaded)

***If located in the above zones with an asterisk, the fixed generator and transfer switch must be elevated to the 500 year flood level.**

3. **Map and Photographs of Generator Location**

- Include Google map with the fixed generator site clearly marked.
- Provide high-resolution color photographs by email showing a front view, a side view, a back view and a street view of the structure with the fixed generator site clearly marked.

IV. **Structure Information**

1. **Critical Facility Type:**

- Police Station
- Fire Station
- Hospital
- Water Treatment Facility
- Wastewater Treatment Facility
- EOC
- Other Nursing Home

2. **Additional Data to Determine Cost Effectiveness**

Name of current electrical power provider: GA Power

Please include a power outage report for the critical facility which includes weather related events from a minimum of three different years, **refer to History of Hazards section.**

Power Outage Report Attached Yes No

V. Facility and Value of Service Data

1. For Water or Waste Water Services

Number of meters: _____

2. For Hospitals

Number of people served by this hospital: _____

What is the distance in miles between this hospital and the hospital that would treat these people in the event this hospital was inoperative: _____

Number of people served by the nearest hospital: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

3. For Police Stations

Type of station Metropolitan City Rural

Number of people served by this police station: _____

Number of police officers who work at this location: _____

Number of police officers who would not work at this location in a power outage: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

4. For Fire Stations

Type of station Urban Suburban Rural Wilderness (from USDA's Urban Influence Codes)

Number of people served by this fire station: _____

Distance in miles to next closest fire station that has backup power _____

Does Fire Station Provide EMS Yes No

If Fire Station provides EMS (Distance in miles to next closest fire station that could provide EMS service and has backup power): _____

5. For EOC

Type of EOC: Stand-alone structure Part of an existing structure

Use of existing structure: _____

Operation of EOC: Full time, daily Temporary, only upon activation

Annual Operating Budget: _____

Average Number of Days of Use per year: _____

6. For Other Facility Nursing Home

Annual budget(s) for the department(s) affected by loss of facility: \$6,685,462

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

VI. Fixed Generator Budget

Do not include contingency costs in the budget. List all anticipated costs in detailed. Consider the potential future date of construction when compiling the cost estimate. **Please provide documentation for each budget item with detailed vendor(s) estimates.**

Site Location	Shipping and Installation	Generator	Fuel Tank	Concrete Pad for Generator (if needed)	Generator and Fuel Tank Elevation (if needed)	Facility Transfer Switch and connections (if needed)	Fuel for Initial Testing	Total Project Costs
Pruitt Health Holly Hill	\$164,792	\$52,057	\$7,970	\$6,988	N/A	\$18,260	\$164	\$270,249.48
Total	\$164,792	\$52,057	\$7,970	\$6,988		\$18,260	\$164	\$270,249.48

Annual Maintenance Cost: \$2,000 for Year 1 and \$5000/year starting Year 2

Source of Maintenance Cost Estimate: Yancey Power Systems

VII. GENERATOR DATA SHEET

1. Running Load (KW)	<u>130-140kW</u>	Concrete Pad Dimensions	
2. Starting Load (KW)	<u>170-180kW</u>	Length:	<u>211"</u>
3. Is load being stepped in?	<u>No</u>	Width:	<u>52"</u>
4. Generator Specified (KW)	<u>200kW</u>	Depth:	<u>8-12"</u>
5. Generator Voltage	<u>208/120VAC</u>		
6. Single or Three Phase	<u>Three Phase</u>		
7. Type of Controls	<u>X</u> _____		
	Automatic Manual		
8. Type of Fuel	_____ <u>X</u> _____		
	Gas Diesel Propane Other		

Additional information/remarks (Select appropriately):

Generator Type: Fixed Portable

- Generator on slab, not in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work
- Generator on slab, in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work AND:
 - A letter provided by floodplain manager stating project complies with local floodplain ordinance
- Elevated generator, not in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work AND:
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic
- Elevated generator, in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work AND:
 - A letter provided by the floodplain manager stating project complies with local floodplain ordinance
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic

If portable, provide transport, hook up, and fuel supply and storage requirements at multiple facilities and how these will be executed.

I certify that I have visited the project site, performed all necessary tests, and have verified that the attached calculated loads and generator specifications will meet all requirements of this proposed installation as described in the Application’s description of work.

_____ Signature	_____ Title	_____ Date
_____ Print Name	_____ Organization	_____ Telephone Number

NOTES:

1. The generator must be installed in accordance with all applicable local and national building and electrical codes, in addition to the “Generator Codes and Standards”.
2. Please attach available information on proposed equipment, load and sizing data, etc.
3. The Applicant should develop and implement a generator maintenance plan which includes periodically exercising the generator under load.

THIS FORM MUST BE SIGNED BY A CERTIFIED ELECTRICIAN

Generator Codes and Standards

In accordance with the National Electrical Code

NOTE: Manufacturer's installation instructions will apply for all areas outside the flood hazard area. In the absence of manufacturer's instructions, the method of installation will be approved by the building official as related to the pad supporting the generator. Inside the flood area, a structure will be required for support of the generator to be designed by an engineer and approved by the building official and elevated 2 feet above base flood elevation.

430-14.*
17, 520,

530 and 665, shall also comply with the provisions of those Articles.

It is recommended that waterproof covers be provided for use in emergency.

445-2. Marking. Each generator shall be provided with a nameplate giving the maker's name, the rating in kilowatts or kilovolt-amperes, the normal volts and amperes corresponding to the rating, and the revolutions per minute.

445-3. Drip Pans. Generators shall be provided with suitable drip pans if required by the authority having jurisdiction.

445-4. Overcurrent Protection.

- (a) **Constant-Potential Generators.** Constant-potential generators, except alternating-current generators and their exciters, shall be protected from excessive current by circuit breakers or fuses.
- (b) **Two-Wire Generators.** Two-wire, direct-current generators may have overcurrent protection in one conductor only if the overcurrent device is actuated by the entire current generated, except that in the shunt field. The overcurrent device shall not open the shunt field.
- (c) **65 Volts of Less.** Generators operating at 65 volts or less and driven by individual motors shall be considered as protected by the overcurrent device protecting the motor if these devices will operate when the generators are delivering not more than 150 per cent of their full-load rated current.
- (d) **Balancer Sets.** Two-wire, direct-current generators used in conjunction with balancer sets to obtain neutrals for 3-wire systems shall be equipped with overcurrent devices which will disconnect the 3-wire system in the case of excessive unbalancing of voltages or currents.
- (e) **3-Wire, Direct-Current Generators.** Three-wire, direct-current generators, whether compound or shunt wound shall be equipped with overcurrent devices, one in each armature lead, and so connected as to be actuated by the entire current from the armature. Such overcurrent devices shall consist either of a double-coil circuit breaker, or of a 4-pole circuit breaker connected in the main and equalizer leads and tripped by two overcurrent devices, one in each armature lead. Such protective devices shall be so interlocked that no one pole can be opened without simultaneously disconnecting both leads of the armature from the system.

445-5. Size of Conductors. The conductors from the generator terminals to supplied equipment shall have an ampacity not less than 115 per cent of the nameplate current rating of the generator. Neutral conductors shall be the same size as the conductors of the outside legs.

445-6. Protection of Live Parts. Live parts of generators of more than 150 volts to ground shall not be exposed to accidental contact where accessible to unqualified persons.

445-7. Guards for Attendants. Where necessary for the safety of attendants the provisions of section 430-133 shall be complied with.

445-8. Grounding. If a generator operates at a terminal voltage in excess of 150 volts to ground, the frame shall be grounded in the manner specified in Article 250.* If the frame is not grounded, it shall be permanently and effectively insulated from the ground.

445-9. Bushings. Where wires pass through an opening in an enclosure, conduit box, or barrier, a bushing shall be used to protect the conductors from the edges of the opening having sharp edges. The bushing shall have smooth, well rounded surfaces where it may be in contact with conductors. If used where there may be a presence of oils, grease, or other contaminants, the bushing shall be made of a material not deleteriously affected.

*** 430.14. Location of Motors.**

- (A) **Ventilation and Maintenance.** Motors shall be located so that adequate ventilation is provided and so that maintenance, such as lubrication of bearings and replacing of brushes, can be readily accomplished.

Exception: Ventilation shall not be required for submersible types of motors.

- (B) **Open Motors.** Open motors that have commutators or collector rings shall be located or protected so that sparks cannot reach adjacent combustible material.

Exception: Installation of these motors on wooden floors or supports shall be permitted.

For each portable generator, please complete sections I through VIII in its entirety.

I. Project Description : Portable Generator for _____

II. History of Hazards

Provide a detailed power outage report for each critical facility that the portable generator will support. Include weather related events from a minimum of three different years. Indicate the cause of the power outage. This information should be obtained from your power provider. **The examples in bold qualify as weather related events.**

Date	Time of Outage	Duration (Minutes)	Outage Type	Description
Mon. Feb. 16, 2015	21:26:13 EST	623	Extreme Storm	Trees in Ice Storm
Tue. Jan. 07, 2014	17:41:34 EST	42	Lightning	Lines clear, fault on breaker
Tue. Jan. 07, 2014	06:37:00 EST	75	Equipment Fault	Cracked Insulator
Thu. Dec. 19, 2013	13:31:40 EST	47	Trees-Other	Lines down due to trees

III. Portable Generator Storage Location

1. Name of facility, physical address (including city and zip code).

Digital Latitude: _____ **Digital Longitude:** _____

***Digital Latitude and Digital Longitude coordinates need to be in Decimal Degrees. The coordinates should be for the storage unit, not the main building of the facility.**

Facility Year Built: _____

2. Flood Insurance Rate Map (FIRM) showing Portable Generator Storage Location. The portable generator storage location cannot be located in a special flood hazard area.

Attach a copy of the panel(s) from the FIRM.

- VE or V 1-30
- AE or A 1-30
- AO or AH
- A (no base flood elevation given)
- B or X (shaded)
- C or X (unshaded)

3. Map and Photographs of Portable Generator Storage Location

- Include Google map with the portable generator storage site clearly marked.
- Provide high-resolution color photographs by email showing a front view, a side view, a back view and a street view of the structure with the portable generator site clearly marked.

IV. Structure Information for Critical Facility that will be served by the Portable Generator

1. Critical Facility Type:

- Police Station Fire Station Hospital Water Treatment Facility
- Wastewater Treatment Facility EOC Other _____

2. Additional Data to Determine Cost Effectiveness

Name of current electrical power provider: _____

Please include a power outage report for the critical facility which includes weather related events from a minimum of three different years, **refer to History of Hazards section.**

Power Outage Report Attached Yes No

V. Facility and Value of Service Data (Provide information for each structure that will be served by the Portable Generator)

1. For Water or Waste Water Services

Number of meters: _____

2. For Hospitals

Number of people served by this hospital: _____

What is the distance in miles between this hospital and the hospital that would treat these people in the event this hospital was inoperative: _____

Number of people served by the nearest hospital: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

3. For Police Stations

Type of station Metropolitan City Rural

Number of people served by this police station: _____

Number of police officers who work at this location: _____

Number of police officers who would not work at this location in a power outage: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

4. For Fire Stations

Type of station Urban Suburban Rural Wilderness (from USDA's Urban Influence Codes)

Number of people served by this fire station: _____

Distance in miles to next closest fire station that has backup power _____

Does Fire Station Provide EMS Yes No

If Fire Station provides EMS (Distance in miles to next closest fire station that could provide EMS service and has backup power): _____

5. For EOC

Type of EOC: Stand-alone structure Part of an existing structure

Use of existing structure: _____

Operation of EOC: Full time, daily Temporary, only upon activation

Annual Operating Budget: _____

Average Number of Days of Use per year: _____

6. For Other Facility _____

Annual budget(s) for the department(s) affected by loss of facility: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

VI. **Location of Structures that will be served by the Portable Generator**

Structure Name	Address	Zip Code	Year Built	Will Require Modification To Add Transfer Switch To Outside Of Structure (Yes or No)	Latitude/ Longitude

***Latitude and Longitude coordinates need to be in Decimal Degrees. The coordinates should be where the portable generator connects to each of the listed structure names.**

1. Include Flood Insurance Rate Map (FIRM) showing each structure

- Attach a copy of the panel(s) from the FIRM.
 - VE or V 1-30*
 - AE or A 1-30*
 - AO or AH*
 - A (no base flood elevation given)*
 - B or X (shaded)
 - C or X (unshaded)

***If located in the above zones with an asterisk, the transfer switch must be installed to the 500 year flood level.**

2. Map and Photographs showing each structure

- Include Google map with the structure clearly marked.
- Provide high-resolution color photographs by email showing a front view, a side view, a back view and a street view of the structure.

VII. Portable Generator Budget

Do not include contingency costs in the budget. List all anticipated costs in detailed. Consider the potential future date of construction when compiling the cost estimate. **Please provide documentation for each budget item with detailed vendor(s) estimates.**

Site Location	Shipping and Installation	Generator	Fuel Tank	Generator and Fuel Tank Elevation (if needed)	Facility Transfer Switch and connections (if needed)	Fuel for Initial Testing	Total Project Costs
Total	0	0	0	0	0	0	0

Annual Maintenance Cost: _____

Source of Maintenance Cost Estimate: _____

Generator Codes and Standards

In accordance with the National Electrical Code

NOTE: Manufacturer's installation instructions will apply for all areas outside the flood hazard area. In the absence of manufacturer's instructions, the method of installation will be approved by the building official as related to the pad supporting the generator. Inside the flood area, a structure will be required for support of the generator to be designed by an engineer and approved by the building official and elevated 2 feet above base flood elevation.

0-14.* Generators and 665, shall also

comply with the provisions of those Articles.

It is recommended that waterproof covers be provided for use in emergency.

445-2. Marking. Each generator shall be provided with a nameplate giving the marker's name, the rating in kilowatts or kilovolt-amperes, the normal volts and amperes corresponding to the rating, and the revolutions per minute.

445-3. Drip Pans. Generators shall be provided with suitable drip pans if required by the authority having jurisdiction.

445-4. Overcurrent Protection.

- (f) **Constant-Potential Generators.** Constant-potential generators, except alternating-current generators and their exciters, shall be protected from excessive current by circuit breakers or fuses.
- (g) **Two-Wire Generators.** Two-wire, direct-current generators may have overcurrent protection in one conductor only if the overcurrent device is actuated by the entire current generated, except that in the shunt field. The overcurrent device shall not open the shunt field.
- (h) **65 Volts or Less.** Generators operating at 65 volts or less and driven by individual motors shall be considered as protected by the overcurrent device protecting the motor if these devices will operate when the generators are delivering not more than 150 per cent of their full-load rated current.
- (i) **Balancer Sets.** Two-wire, direct-current generators used in conjunction with balancer sets to obtain neutrals for 3-wire systems shall be equipped with overcurrent devices which will disconnect the 3-wire system in the case of excessive unbalancing of voltages or currents.
- (j) **3-Wire, Direct-Current Generators.** Three-wire, direct-current generators, whether compound or shunt wound shall be equipped with overcurrent devices, one in each armature lead, and so connected as to be actuated by the entire current from the armature. Such overcurrent devices shall consist either of a double-coil circuit breaker, or of a 4-pole circuit breaker connected in the main and equalizer leads and tripped by two overcurrent devices, one in each armature lead. Such protective devices shall be so interlocked that no one pole can be opened without simultaneously disconnecting both leads of the armature from the system.

445-5. Size of Conductors. The conductors from the generator terminals to supplied equipment shall have an ampacity not less than 115 per cent of the nameplate current rating of the generator. Neutral conductors shall be the same size as the conductors of the outside legs.

445-6. Protection of Live Parts. Live parts of generators of more than 150 volts to ground shall not be exposed to accidental contact where accessible to unqualified persons.

445-7. Guards for Attendants. Where necessary for the safety of attendants the provisions of section 430-133 shall be compiled with.

445-8. Grounding. If a generator operates at a terminal voltage in excess of 150 volts to ground, the frame shall be grounded in the manner specified in Article 250.* If the frame is not grounded, it shall be permanently and effectively insulated from the ground.

445-9. Bushings. Where wires pass through an opening in an enclosure, conduit box, or barrier, a bushing shall be used to protect the conductors from the edges of the opening having sharp edges. The bushing shall have smooth, well rounded surfaces where it may be in contact with conductors. If used where there may be a presence of oils, grease, or other contaminants, the bushing shall be made of a material not deleteriously affected.

*** 430.14. Location of Motors.**

- (C) Ventilation and Maintenance. Motors shall be located so that adequate ventilation is provided and so that maintenance, such as lubrication of bearings and replacing of brushes, can be readily accomplished.
Exception: Ventilation shall not be required for submersible types of motors.
- (D) Open Motors. Open motors that have commutators or collector rings shall be located or protected so that sparks cannot reach adjacent combustible material.
Exception: Installation of these motors on wooden floors or supports shall be permitted.

Georgia Emergency Management Agency / Homeland Security
Pre-Application
Generator Worksheet

This worksheet is for all Hazard Mitigation Assistance grant programs "Generator for Critical Facility" proposals. Please complete ALL sections and provide the documents requested. If you require technical assistance with this worksheet, please contact the Hazard Mitigation Division at (404)-635-7522 or 1-800-TRY-GEMA to have a Hazard Mitigation Program Specialist assigned to you.

A. Applicant Information

1. **Name of Applicant:** Lowndes County Board of Commissioners

2. **Applicant Type**

State Government Local Government Private Non-Profit

3. **Worksheet Prepared by:**

Ms. Mr. Mrs. **First Name** Ashley **Last Name** Tye

Title EMA Director **Telephone** (229) 671-2790

Address (City, State, Zip): 2981 US Hwy 84 E Valdosta, GA 31606

E-mail address: atye@lowndescounty.com

4. **Authorized Applicant Agent** (An individual authorized to sign financial and legal documents on behalf of the local government (e.g., the Chairperson, Board of County Commissioners or the County Manager, etc.).

Ms. Mr. Mrs. **First Name** Bill **Last Name** Slaughter

Title Chairman **Telephone** (229) 671-2440

Address (City, State, Zip): 327 N Ashley St Valdosta, GA 31601

E-mail address: bslaughter@lowndescounty.com

Signature: _____ **Date Submitted:** 7/30/2019

B. Project Information/Mitigation Plan

1. **Project Title:** Emergency Backup Generator for Pruitt Health Lakehaven

2. **Project Summary:** (Describe in detail what you are proposing to do.)

Professional installation of a 150kW backup generator to provide emergency power to a 90 bed long term care facility (nursing home). This generator will fully power the entire facility and also be equipped with an automatic transfer switch to instantaneously switch the facility to generator power should commercial power be interrupted. Because of the need to provide consistent, reliable power to medically necessary life saving equipment, this generator project is highly important to the community.

3. **Date of Hazard Mitigation Plan approval by FEMA:** September 13, 2016

This project must be identified in your Hazard Mitigation Plan. Provide a copy of the goal, objective, and action step that supports your project application. Please attach a letter of endorsement for the project from your County's Emergency Management Agency (EMA) Director

Generators: Power loss is a common result of winter storms within the County. Generators should be considered for many critical facilities, including emergency response facilities and designated shelters. This can result in a continuation of services that would otherwise not be possible. An accurate accounting of existing generators should first be conducted, followed by recommendations for adding generators to critical facilities.

Georgia Emergency Management Agency / Homeland Security
Pre-Application
Generator Worksheet

Mitigation Goal #2 - Minimize damage caused by High Winds of Hurricanes and Tornadoes in Lowndes County.

Objective #3 - Ensure all existing and new institutional/public buildings are adequate to withstand sustained winds up to 109 mph.

Action Step - Prewire manual transfer switches for generator use in infrastructure.
Install auxiliary generators for all designated critical infrastructure.

For each fixed generator, please complete sections I through VII in its entirety.

I. **Project Description : Fixed Generator for** Pruitt Health - Crestwood

II. **History of Hazards**

Provide a detailed power outage report for each critical facility which includes weather related events from a minimum of three different years. Indicate the cause of the power outage. This information should be obtained from your power provider. **The examples in bold qualify as weather related events.**

Date	Time of Outage	Duration (Minutes)	Outage Type	Description
September 1, 2015		1	Lightning	Lines clear, fault on breaker
September 2, 2016		1	Tropical Storm	Lines down due to trees
June 26, 2018		1	Equipment Failure	Lines clear, fault on breaker
November 28, 2018		60	Equipment Failure	Lines clear, fault on breaker

III. **Fixed Generator Location**

1. **Name of facility, physical address (including city and zip code).**

Pruitt Health Lakehaven 410 Northside Dr Valdosta, GA 31602

Digital Latitude: 30.869468 **Digital Longitude:** -83.288047

***Digital Latitude and Digital Longitude coordinates need to be in Decimal Degrees. The coordinates should be for the fixed generator site not the facility.**

Facility Year Built: 1969

2. **Flood Insurance Rate Map (FIRM) showing Generator Location**

<http://map.georgiadfirm.com/>

Attach a copy of the panel(s) from the FIRM.

- VE or V 1-30*
- AE or A 1-30*
- AO or AH*
- A (no base flood elevation given)*
- B or X (shaded)
- C or X (unshaded)

***If located in the above zones with an asterisk, the fixed generator and transfer switch must be elevated to the 500 year flood level.**

3. **Map and Photographs of Generator Location**

- Include Google map with the fixed generator site clearly marked.
- Provide high-resolution color photographs by email showing a front view, a side view, a back view and a street view of the structure with the fixed generator site clearly marked.

IV. **Structure Information**

1. **Critical Facility Type:**

- Police Station
- Fire Station
- Hospital
- Water Treatment Facility
- Wastewater Treatment Facility
- EOC
- Other Nursing Home

2. **Additional Data to Determine Cost Effectiveness**

Name of current electrical power provider: GA Power

Please include a power outage report for the critical facility which includes weather related events from a minimum of three different years, **refer to History of Hazards section.**

Power Outage Report Attached Yes No

V. Facility and Value of Service Data

1. For Water or Waste Water Services

Number of meters: _____

2. For Hospitals

Number of people served by this hospital: _____

What is the distance in miles between this hospital and the hospital that would treat these people in the event this hospital was inoperative: _____

Number of people served by the nearest hospital: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

3. For Police Stations

Type of station Metropolitan City Rural

Number of people served by this police station: _____

Number of police officers who work at this location: _____

Number of police officers who would not work at this location in a power outage: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

4. For Fire Stations

Type of station Urban Suburban Rural Wilderness (from USDA's Urban Influence Codes)

Number of people served by this fire station: _____

Distance in miles to next closest fire station that has backup power _____

Does Fire Station Provide EMS Yes No

If Fire Station provides EMS (Distance in miles to next closest fire station that could provide EMS service and has backup power): _____

5. For EOC

Type of EOC: Stand-alone structure Part of an existing structure

Use of existing structure: _____

Operation of EOC: Full time, daily Temporary, only upon activation

Annual Operating Budget: _____

Average Number of Days of Use per year: _____

6. For Other Facility Nursing Home

Annual budget(s) for the department(s) affected by loss of facility: \$7,531,349

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

VI. Fixed Generator Budget

Do not include contingency costs in the budget. List all anticipated costs in detailed. Consider the potential future date of construction when compiling the cost estimate. **Please provide documentation for each budget item with detailed vendor(s) estimates.**

Site Location	Shipping and Installation	Generator	Fuel Tank	Concrete Pad for Generator (if needed)	Generator and Fuel Tank Elevation (if needed)	Facility Transfer Switch and connections (if needed)	Fuel for Initial Testing	Total Project Costs
Pruitt Health Lakehaven	\$117,364	\$52,057	\$7,970	\$6,988	N/A	\$8,962	\$164	\$208,985.40
Total	\$117,364	\$52,057	\$7,970	\$6,988		\$8,962	\$164	\$208,985.40

Annual Maintenance Cost: \$2,000 for Year 1 and \$5000/year starting Year 2

Source of Maintenance Cost Estimate: Yancey Power Systems

VII. GENERATOR DATA SHEET

1. Running Load (KW)	<u>130-140kW</u>	Concrete Pad Dimensions	
2. Starting Load (KW)	<u>170-180kW</u>	Length:	<u>211"</u>
3. Is load being stepped in?	<u>No</u>	Width:	<u>52"</u>
4. Generator Specified (KW)	<u>200kW</u>	Depth:	<u>8-12"</u>
5. Generator Voltage	<u>208/120VAC</u>		
6. Single or Three Phase	<u>Three Phase</u>		
7. Type of Controls	<u>X</u> _____		
	Automatic Manual		
8. Type of Fuel	_____ <u>X</u> _____		
	Gas Diesel Propane Other		

Additional information/remarks (Select appropriately):

Generator Type: Fixed Portable

- Generator on slab, not in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work
- Generator on slab, in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work AND:
 - A letter provided by floodplain manager stating project complies with local floodplain ordinance
- Elevated generator, not in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work AND:
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic
- Elevated generator, in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work AND:
 - A letter provided by the floodplain manager stating project complies with local floodplain ordinance
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic

If portable, provide transport, hook up, and fuel supply and storage requirements at multiple facilities and how these will be executed.

I certify that I have visited the project site, performed all necessary tests, and have verified that the attached calculated loads and generator specifications will meet all requirements of this proposed installation as described in the Application’s description of work.

_____ Signature	_____ Title	_____ Date
_____ Print Name	_____ Organization	_____ Telephone Number

NOTES:

1. The generator must be installed in accordance with all applicable local and national building and electrical codes, in addition to the “Generator Codes and Standards”.
2. Please attach available information on proposed equipment, load and sizing data, etc.
3. The Applicant should develop and implement a generator maintenance plan which includes periodically exercising the generator under load.

THIS FORM MUST BE SIGNED BY A CERTIFIED ELECTRICIAN

Generator Codes and Standards

In accordance with the National Electrical Code

NOTE: Manufacturer's installation instructions will apply for all areas outside the flood hazard area. In the absence of manufacturer's instructions, the method of installation will be approved by the building official as related to the pad supporting the generator. Inside the flood area, a structure will be required for support of the generator to be designed by an engineer and approved by the building official and elevated 2 feet above base flood elevation.

430-14.*
17, 520,

530 and 665, shall also comply with the provisions of those Articles.

It is recommended that waterproof covers be provided for use in emergency.

445-2. Marking. Each generator shall be provided with a nameplate giving the maker's name, the rating in kilowatts or kilovolt-amperes, the normal volts and amperes corresponding to the rating, and the revolutions per minute.

445-3. Drip Pans. Generators shall be provided with suitable drip pans if required by the authority having jurisdiction.

445-4. Overcurrent Protection.

- (a) **Constant-Potential Generators.** Constant-potential generators, except alternating-current generators and their exciters, shall be protected from excessive current by circuit breakers or fuses.
- (b) **Two-Wire Generators.** Two-wire, direct-current generators may have overcurrent protection in one conductor only if the overcurrent device is actuated by the entire current generated, except that in the shunt field. The overcurrent device shall not open the shunt field.
- (c) **65 Volts of Less.** Generators operating at 65 volts or less and driven by individual motors shall be considered as protected by the overcurrent device protecting the motor if these devices will operate when the generators are delivering not more than 150 per cent of their full-load rated current.
- (d) **Balancer Sets.** Two-wire, direct-current generators used in conjunction with balancer sets to obtain neutrals for 3-wire systems shall be equipped with overcurrent devices which will disconnect the 3-wire system in the case of excessive unbalancing of voltages or currents.
- (e) **3-Wire, Direct-Current Generators.** Three-wire, direct-current generators, whether compound or shunt wound shall be equipped with overcurrent devices, one in each armature lead, and so connected as to be actuated by the entire current from the armature. Such overcurrent devices shall consist either of a double-coil circuit breaker, or of a 4-pole circuit breaker connected in the main and equalizer leads and tripped by two overcurrent devices, one in each armature lead. Such protective devices shall be so interlocked that no one pole can be opened without simultaneously disconnecting both leads of the armature from the system.

445-5. Size of Conductors. The conductors from the generator terminals to supplied equipment shall have an ampacity not less than 115 per cent of the nameplate current rating of the generator. Neutral conductors shall be the same size as the conductors of the outside legs.

445-6. Protection of Live Parts. Live parts of generators of more than 150 volts to ground shall not be exposed to accidental contact where accessible to unqualified persons.

445-7. Guards for Attendants. Where necessary for the safety of attendants the provisions of section 430-133 shall be complied with.

445-8. Grounding. If a generator operates at a terminal voltage in excess of 150 volts to ground, the frame shall be grounded in the manner specified in Article 250.* If the frame is not grounded, it shall be permanently and effectively insulated from the ground.

445-9. Bushings. Where wires pass through an opening in an enclosure, conduit box, or barrier, a bushing shall be used to protect the conductors from the edges of the opening having sharp edges. The bushing shall have smooth, well rounded surfaces where it may be in contact with conductors. If used where there may be a presence of oils, grease, or other contaminants, the bushing shall be made of a material not deleteriously affected.

*** 430.14. Location of Motors.**

- (A) **Ventilation and Maintenance.** Motors shall be located so that adequate ventilation is provided and so that maintenance, such as lubrication of bearings and replacing of brushes, can be readily accomplished.

Exception: Ventilation shall not be required for submersible types of motors.

- (B) **Open Motors.** Open motors that have commutators or collector rings shall be located or protected so that sparks cannot reach adjacent combustible material.

Exception: Installation of these motors on wooden floors or supports shall be permitted.

For each portable generator, please complete sections I through VIII in its entirety.

I. Project Description : Portable Generator for _____

II. History of Hazards

Provide a detailed power outage report for each critical facility that the portable generator will support. Include weather related events from a minimum of three different years. Indicate the cause of the power outage. This information should be obtained from your power provider. **The examples in bold qualify as weather related events.**

Date	Time of Outage	Duration (Minutes)	Outage Type	Description
Mon. Feb. 16, 2015	21:26:13 EST	623	Extreme Storm	Trees in Ice Storm
Tue. Jan. 07, 2014	17:41:34 EST	42	Lightning	Lines clear, fault on breaker
Tue. Jan. 07, 2014	06:37:00 EST	75	Equipment Fault	Cracked Insulator
Thu. Dec. 19, 2013	13:31:40 EST	47	Trees-Other	Lines down due to trees

III. Portable Generator Storage Location

1. Name of facility, physical address (including city and zip code).

Digital Latitude: _____ **Digital Longitude:** _____

***Digital Latitude and Digital Longitude coordinates need to be in Decimal Degrees. The coordinates should be for the storage unit, not the main building of the facility.**

Facility Year Built: _____

2. Flood Insurance Rate Map (FIRM) showing Portable Generator Storage Location. The portable generator storage location cannot be located in a special flood hazard area.

Attach a copy of the panel(s) from the FIRM.

- VE or V 1-30
- AE or A 1-30
- AO or AH
- A (no base flood elevation given)
- B or X (shaded)
- C or X (unshaded)

3. Map and Photographs of Portable Generator Storage Location

- Include Google map with the portable generator storage site clearly marked.
- Provide high-resolution color photographs by email showing a front view, a side view, a back view and a street view of the structure with the portable generator site clearly marked.

IV. Structure Information for Critical Facility that will be served by the Portable Generator

1. Critical Facility Type:

- Police Station Fire Station Hospital Water Treatment Facility
- Wastewater Treatment Facility EOC Other _____

2. Additional Data to Determine Cost Effectiveness

Name of current electrical power provider: _____

Please include a power outage report for the critical facility which includes weather related events from a minimum of three different years, **refer to History of Hazards section.**

Power Outage Report Attached Yes No

V. Facility and Value of Service Data (Provide information for each structure that will be served by the Portable Generator)

1. For Water or Waste Water Services

Number of meters: _____

2. For Hospitals

Number of people served by this hospital: _____

What is the distance in miles between this hospital and the hospital that would treat these people in the event this hospital was inoperative: _____

Number of people served by the nearest hospital: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

3. For Police Stations

Type of station Metropolitan City Rural

Number of people served by this police station: _____

Number of police officers who work at this location: _____

Number of police officers who would not work at this location in a power outage: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

4. For Fire Stations

Type of station Urban Suburban Rural Wilderness (from USDA's Urban Influence Codes)

Number of people served by this fire station: _____

Distance in miles to next closest fire station that has backup power _____

Does Fire Station Provide EMS Yes No

If Fire Station provides EMS (Distance in miles to next closest fire station that could provide EMS service and has backup power): _____

5. For EOC

Type of EOC: Stand-alone structure Part of an existing structure

Use of existing structure: _____

Operation of EOC: Full time, daily Temporary, only upon activation

Annual Operating Budget: _____

Average Number of Days of Use per year: _____

6. For Other Facility _____

Annual budget(s) for the department(s) affected by loss of facility: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

VI. **Location of Structures that will be served by the Portable Generator**

Structure Name	Address	Zip Code	Year Built	Will Require Modification To Add Transfer Switch To Outside Of Structure (Yes or No)	Latitude/ Longitude

***Latitude and Longitude coordinates need to be in Decimal Degrees. The coordinates should be where the portable generator connects to each of the listed structure names.**

1. Include Flood Insurance Rate Map (FIRM) showing each structure

- Attach a copy of the panel(s) from the FIRM.
 - VE or V 1-30*
 - AE or A 1-30*
 - AO or AH*
 - A (no base flood elevation given)*
 - B or X (shaded)
 - C or X (unshaded)

***If located in the above zones with an asterisk, the transfer switch must be installed to the 500 year flood level.**

2. Map and Photographs showing each structure

- Include Google map with the structure clearly marked.
- Provide high-resolution color photographs by email showing a front view, a side view, a back view and a street view of the structure.

VII. Portable Generator Budget

Do not include contingency costs in the budget. List all anticipated costs in detailed. Consider the potential future date of construction when compiling the cost estimate. **Please provide documentation for each budget item with detailed vendor(s) estimates.**

Site Location	Shipping and Installation	Generator	Fuel Tank	Generator and Fuel Tank Elevation (if needed)	Facility Transfer Switch and connections (if needed)	Fuel for Initial Testing	Total Project Costs
Total	0	0	0	0	0	0	0

Annual Maintenance Cost: _____

Source of Maintenance Cost Estimate: _____

VII. GENERATOR DATA SHEET

1. Running Load (KW)	<u>98-105kW</u>	Concrete Pad Dimensions		
2. Starting Load (KW)	<u>128-135kW</u>	Length:	<u>211"</u>	
3. Is load being stepped in?	<u>No</u>	Width:	<u>52"</u>	
4. Generator Specified (KW)	<u>150kW</u>	Depth:	<u>8-12"</u>	
5. Generator Voltage	<u>208/120VAC</u>			
6. Single or Three Phase	<u>Three Phase</u>			
7. Type of Controls	<u>X</u>			
	<u>Automatic</u>	<u>Manual</u>		
8. Type of Fuel	<u>Gas</u>	<u>Diesel</u>	<u>Propane</u>	<u>Other</u>
		<u>X</u>		

Additional information/remarks (Select appropriately):

Generator Type: Fixed Portable

- Generator on slab, not in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work
- Generator on slab, in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work AND:
 - A letter provided by floodplain manager stating project complies with local floodplain ordinance
- Elevated generator, not in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work AND:
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic
- Elevated generator, in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work AND:
 - A letter provided by the floodplain manager stating project complies with local floodplain ordinance
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic

If portable, provide transport, hook up, and fuel supply and storage requirements at multiple facilities and how these will be executed.

I certify that I have visited the project site, performed all necessary tests, and have verified that the attached calculated loads and generator specifications will meet all requirements of this proposed installation as described in the Application's description of work.

<u>Robert L. Kent</u>	<u>President & GM</u>	<u>7/30/2019</u>
Signature	Title	Date
<u>Robert L. Kent</u>	<u>Danfoss Surco</u>	<u>404-317-1919</u>
Print Name	Organization	Telephone Number

NOTES:

1. The generator must be installed in accordance with all applicable local and national building and electrical codes, in addition to the "Generator Codes and Standards".
2. Please attach available information on proposed equipment, load and sizing data, etc.
3. The Applicant should develop and implement a generator maintenance plan which includes periodically exercising the generator under load.

THIS FORM MUST BE SIGNED BY A CERTIFIED ELECTRICIAN

Generator Codes and Standards

In accordance with the National Electrical Code

NOTE: Manufacturer's installation instructions will apply for all areas outside the flood hazard area. In the absence of manufacturer's instructions, the method of installation will be approved by the building official as related to the pad supporting the generator. Inside the flood area, a structure will be required for support of the generator to be designed by an engineer and approved by the building official and elevated 2 feet above base flood elevation.

0-14.* Generators and 665, shall also

comply with the provisions of those Articles.

It is recommended that waterproof covers be provided for use in emergency.

445-2. Marking. Each generator shall be provided with a nameplate giving the marker's name, the rating in kilowatts or kilovolt-amperes, the normal volts and amperes corresponding to the rating, and the revolutions per minute.

445-3. Drip Pans. Generators shall be provided with suitable drip pans if required by the authority having jurisdiction.

445-4. Overcurrent Protection.

- (f) **Constant-Potential Generators.** Constant-potential generators, except alternating-current generators and their exciters, shall be protected from excessive current by circuit breakers or fuses.
- (g) **Two-Wire Generators.** Two-wire, direct-current generators may have overcurrent protection in one conductor only if the overcurrent device is actuated by the entire current generated, except that in the shunt field. The overcurrent device shall not open the shunt field.
- (h) **65 Volts or Less.** Generators operating at 65 volts or less and driven by individual motors shall be considered as protected by the overcurrent device protecting the motor if these devices will operate when the generators are delivering not more than 150 per cent of their full-load rated current.
- (i) **Balancer Sets.** Two-wire, direct-current generators used in conjunction with balancer sets to obtain neutrals for 3-wire systems shall be equipped with overcurrent devices which will disconnect the 3-wire system in the case of excessive unbalancing of voltages or currents.
- (j) **3-Wire, Direct-Current Generators.** Three-wire, direct-current generators, whether compound or shunt wound shall be equipped with overcurrent devices, one in each armature lead, and so connected as to be actuated by the entire current from the armature. Such overcurrent devices shall consist either of a double-coil circuit breaker, or of a 4-pole circuit breaker connected in the main and equalizer leads and tripped by two overcurrent devices, one in each armature lead. Such protective devices shall be so interlocked that no one pole can be opened without simultaneously disconnecting both leads of the armature from the system.

445-5. Size of Conductors. The conductors from the generator terminals to supplied equipment shall have an ampacity not less than 115 per cent of the nameplate current rating of the generator. Neutral conductors shall be the same size as the conductors of the outside legs.

445-6. Protection of Live Parts. Live parts of generators of more than 150 volts to ground shall not be exposed to accidental contact where accessible to unqualified persons.

445-7. Guards for Attendants. Where necessary for the safety of attendants the provisions of section 430-133 shall be compiled with.

445-8. Grounding. If a generator operates at a terminal voltage in excess of 150 volts to ground, the frame shall be grounded in the manner specified in Article 250.* If the frame is not grounded, it shall be permanently and effectively insulated from the ground.

445-9. Bushings. Where wires pass through an opening in an enclosure, conduit box, or barrier, a bushing shall be used to protect the conductors from the edges of the opening having sharp edges. The bushing shall have smooth, well rounded surfaces where it may be in contact with conductors. If used where there may be a presence of oils, grease, or other contaminants, the bushing shall be made of a material not deleteriously affected.

*** 430.14. Location of Motors.**

- (C) Ventilation and Maintenance. Motors shall be located so that adequate ventilation is provided and so that maintenance, such as lubrication of bearings and replacing of brushes, can be readily accomplished.
Exception: Ventilation shall not be required for submersible types of motors.
- (D) Open Motors. Open motors that have commutators or collector rings shall be located or protected so that sparks cannot reach adjacent combustible material.
Exception: Installation of these motors on wooden floors or supports shall be permitted.

Georgia Emergency Management Agency / Homeland Security
Pre-Application
Generator Worksheet

This worksheet is for all Hazard Mitigation Assistance grant programs "Generator for Critical Facility" proposals. Please complete ALL sections and provide the documents requested. If you require technical assistance with this worksheet, please contact the Hazard Mitigation Division at (404)-635-7522 or 1-800-TRY-GEMA to have a Hazard Mitigation Program Specialist assigned to you.

A. Applicant Information

1. **Name of Applicant:** Lowndes County Board of Commissioners

2. **Applicant Type**

State Government Local Government Private Non-Profit

3. **Worksheet Prepared by:**

Ms. Mr. Mrs. **First Name** Ashley **Last Name** Tye

Title EMA Director **Telephone** (229) 671-2790

Address (City, State, Zip): 2981 US Hwy 84 E Valdosta, GA 31606

E-mail address: atye@lowndescounty.com

4. **Authorized Applicant Agent** (An individual authorized to sign financial and legal documents on behalf of the local government (e.g., the Chairperson, Board of County Commissioners or the County Manager, etc.).

Ms. Mr. Mrs. **First Name** Bill **Last Name** Slaughter

Title Chairman **Telephone** (229) 671-2440

Address (City, State, Zip): 327 N Ashley St Valdosta, GA 31601

E-mail address: bslaughter@lowndescounty.com

Signature: _____ **Date Submitted:** 7/30/2019

B. Project Information/Mitigation Plan

1. **Project Title:** Emergency Backup Generator for Pruitt Health Parkwood

2. **Project Summary:** (Describe in detail what you are proposing to do.)

Professional installation of a 250kW backup generator to provide emergency power to a 110 bed long term care facility (nursing home). This generator will fully power the entire facility and also be equipped with an automatic transfer switch to instantaneously switch the facility to generator power should commercial power be interrupted. Because of the need to provide consistent, reliable power to medically necessary life saving equipment, this generator project is highly important to the community.

3. **Date of Hazard Mitigation Plan approval by FEMA:** September 13, 2016

This project must be identified in your Hazard Mitigation Plan. Provide a copy of the goal, objective, and action step that supports your project application. Please attach a letter of endorsement for the project from your County's Emergency Management Agency (EMA) Director

Generators: Power loss is a common result of winter storms within the County. Generators should be considered for many critical facilities, including emergency response facilities and designated shelters. This can result in a continuation of services that would otherwise not be possible. An accurate accounting of existing generators should first be conducted, followed by recommendations for adding generators to critical facilities.

Georgia Emergency Management Agency / Homeland Security
Pre-Application
Generator Worksheet

Mitigation Goal #2 - Minimize damage caused by High Winds of Hurricanes and Tornadoes in Lowndes County.

Objective #3 - Ensure all existing and new institutional/public buildings are adequate to withstand sustained winds up to 109 mph.

Action Step - Prewire manual transfer switches for generator use in infrastructure.
Install auxiliary generators for all designated critical infrastructure.

For each fixed generator, please complete sections I through VII in its entirety.

I. **Project Description : Fixed Generator for** Pruitt Health - Crestwood

II. **History of Hazards**

Provide a detailed power outage report for each critical facility which includes weather related events from a minimum of three different years. Indicate the cause of the power outage. This information should be obtained from your power provider. **The examples in bold qualify as weather related events.**

Date	Time of Outage	Duration (Minutes)	Outage Type	Description
September 2, 2016		1097	Tropical Storm	Lines down due to trees
September 11, 2017		1002	Hurricane	Lines down due to trees
September 15, 2017		1001	Hurricane	Lines down due to trees
June 13, 2018		2	Equipment Failure	Lines clear, fault on breaker

III. **Fixed Generator Location**

1. **Name of facility, physical address (including city and zip code).**

Pruitt Health Parkwood 1501 N Lee St Valdosta, GA 31601

Digital Latitude: 30.849092 **Digital Longitude:** -83.280533

***Digital Latitude and Digital Longitude coordinates need to be in Decimal Degrees. The coordinates should be for the fixed generator site not the facility.**

Facility Year Built: 1973

2. **Flood Insurance Rate Map (FIRM) showing Generator Location**

<http://map.georgiadfirm.com/>

Attach a copy of the panel(s) from the FIRM.

- VE or V 1-30*
- AE or A 1-30*
- AO or AH*
- A (no base flood elevation given)*
- B or X (shaded)
- C or X (unshaded)

***If located in the above zones with an asterisk, the fixed generator and transfer switch must be elevated to the 500 year flood level.**

3. **Map and Photographs of Generator Location**

- Include Google map with the fixed generator site clearly marked.
- Provide high-resolution color photographs by email showing a front view, a side view, a back view and a street view of the structure with the fixed generator site clearly marked.

IV. **Structure Information**

1. **Critical Facility Type:**

- Police Station
- Fire Station
- Hospital
- Water Treatment Facility
- Wastewater Treatment Facility
- EOC
- Other Nursing Home

2. **Additional Data to Determine Cost Effectiveness**

Name of current electrical power provider: GA Power

Please include a power outage report for the critical facility which includes weather related events from a minimum of three different years, **refer to History of Hazards section.**

Power Outage Report Attached Yes No

V. Facility and Value of Service Data

1. For Water or Waste Water Services

Number of meters: _____

2. For Hospitals

Number of people served by this hospital: _____

What is the distance in miles between this hospital and the hospital that would treat these people in the event this hospital was inoperative: _____

Number of people served by the nearest hospital: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

3. For Police Stations

Type of station Metropolitan City Rural

Number of people served by this police station: _____

Number of police officers who work at this location: _____

Number of police officers who would not work at this location in a power outage: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

4. For Fire Stations

Type of station Urban Suburban Rural Wilderness (from USDA's Urban Influence Codes)

Number of people served by this fire station: _____

Distance in miles to next closest fire station that has backup power _____

Does Fire Station Provide EMS Yes No

If Fire Station provides EMS (Distance in miles to next closest fire station that could provide EMS service and has backup power): _____

5. For EOC

Type of EOC: Stand-alone structure Part of an existing structure

Use of existing structure: _____

Operation of EOC: Full time, daily Temporary, only upon activation

Annual Operating Budget: _____

Average Number of Days of Use per year: _____

6. For Other Facility Nursing Home

Annual budget(s) for the department(s) affected by loss of facility: \$8,765,179 _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

VI. **Fixed Generator Budget**

Do not include contingency costs in the budget. List all anticipated costs in detailed. Consider the potential future date of construction when compiling the cost estimate. **Please provide documentation for each budget item with detailed vendor(s) estimates.**

Site Location	Shipping and Installation	Generator	Fuel Tank	Concrete Pad for Generator (if needed)	Generator and Fuel Tank Elevation (if needed)	Facility Transfer Switch and connections (if needed)	Fuel for Initial Testing	Total Project Costs
Pruitt Health Parkwood	\$290,152	\$89,110	\$11,157	\$10,845	N/A	\$35,955	\$272	\$472,490.28
Total	\$290,152	\$89,110	\$11,157	\$10,845		\$35,955	\$272	\$472,490.28

Annual Maintenance Cost: \$2,000 for Year 1 and \$5000/year starting Year 2

Source of Maintenance Cost Estimate: Yancey Power Systems

VII. GENERATOR DATA SHEET

1. Running Load (KW)	<u>130-140kW</u>	Concrete Pad Dimensions	
2. Starting Load (KW)	<u>170-180kW</u>	Length:	<u>211"</u>
3. Is load being stepped in?	<u>No</u>	Width:	<u>52"</u>
4. Generator Specified (KW)	<u>200kW</u>	Depth:	<u>8-12"</u>
5. Generator Voltage	<u>208/120VAC</u>		
6. Single or Three Phase	<u>Three Phase</u>		
7. Type of Controls	<u>X</u> _____		
	Automatic Manual		
8. Type of Fuel	_____ <u>X</u> _____		
	Gas Diesel Propane Other		

Additional information/remarks (Select appropriately):

Generator Type: Fixed Portable

- Generator on slab, not in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work
- Generator on slab, in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work AND:
 - A letter provided by floodplain manager stating project complies with local floodplain ordinance
- Elevated generator, not in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work AND:
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic
- Elevated generator, in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work AND:
 - A letter provided by the floodplain manager stating project complies with local floodplain ordinance
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic

If portable, provide transport, hook up, and fuel supply and storage requirements at multiple facilities and how these will be executed.

I certify that I have visited the project site, performed all necessary tests, and have verified that the attached calculated loads and generator specifications will meet all requirements of this proposed installation as described in the Application’s description of work.

_____ Signature	_____ Title	_____ Date
_____ Print Name	_____ Organization	_____ Telephone Number

NOTES:

1. The generator must be installed in accordance with all applicable local and national building and electrical codes, in addition to the “Generator Codes and Standards”.
2. Please attach available information on proposed equipment, load and sizing data, etc.
3. The Applicant should develop and implement a generator maintenance plan which includes periodically exercising the generator under load.

THIS FORM MUST BE SIGNED BY A CERTIFIED ELECTRICIAN

Generator Codes and Standards

In accordance with the National Electrical Code

NOTE: Manufacturer's installation instructions will apply for all areas outside the flood hazard area. In the absence of manufacturer's instructions, the method of installation will be approved by the building official as related to the pad supporting the generator. Inside the flood area, a structure will be required for support of the generator to be designed by an engineer and approved by the building official and elevated 2 feet above base flood elevation.

430-14.*
17, 520,

530 and 665, shall also comply with the provisions of those Articles.

It is recommended that waterproof covers be provided for use in emergency.

445-2. Marking. Each generator shall be provided with a nameplate giving the maker's name, the rating in kilowatts or kilovolt-amperes, the normal volts and amperes corresponding to the rating, and the revolutions per minute.

445-3. Drip Pans. Generators shall be provided with suitable drip pans if required by the authority having jurisdiction.

445-4. Overcurrent Protection.

- (a) **Constant-Potential Generators.** Constant-potential generators, except alternating-current generators and their exciters, shall be protected from excessive current by circuit breakers or fuses.
- (b) **Two-Wire Generators.** Two-wire, direct-current generators may have overcurrent protection in one conductor only if the overcurrent device is actuated by the entire current generated, except that in the shunt field. The overcurrent device shall not open the shunt field.
- (c) **65 Volts of Less.** Generators operating at 65 volts or less and driven by individual motors shall be considered as protected by the overcurrent device protecting the motor if these devices will operate when the generators are delivering not more than 150 per cent of their full-load rated current.
- (d) **Balancer Sets.** Two-wire, direct-current generators used in conjunction with balancer sets to obtain neutrals for 3-wire systems shall be equipped with overcurrent devices which will disconnect the 3-wire system in the case of excessive unbalancing of voltages or currents.
- (e) **3-Wire, Direct-Current Generators.** Three-wire, direct-current generators, whether compound or shunt wound shall be equipped with overcurrent devices, one in each armature lead, and so connected as to be actuated by the entire current from the armature. Such overcurrent devices shall consist either of a double-coil circuit breaker, or of a 4-pole circuit breaker connected in the main and equalizer leads and tripped by two overcurrent devices, one in each armature lead. Such protective devices shall be so interlocked that no one pole can be opened without simultaneously disconnecting both leads of the armature from the system.

445-5. Size of Conductors. The conductors from the generator terminals to supplied equipment shall have an ampacity not less than 115 per cent of the nameplate current rating of the generator. Neutral conductors shall be the same size as the conductors of the outside legs.

445-6. Protection of Live Parts. Live parts of generators of more than 150 volts to ground shall not be exposed to accidental contact where accessible to unqualified persons.

445-7. Guards for Attendants. Where necessary for the safety of attendants the provisions of section 430-133 shall be complied with.

445-8. Grounding. If a generator operates at a terminal voltage in excess of 150 volts to ground, the frame shall be grounded in the manner specified in Article 250.* If the frame is not grounded, it shall be permanently and effectively insulated from the ground.

445-9. Bushings. Where wires pass through an opening in an enclosure, conduit box, or barrier, a bushing shall be used to protect the conductors from the edges of the opening having sharp edges. The bushing shall have smooth, well rounded surfaces where it may be in contact with conductors. If used where there may be a presence of oils, grease, or other contaminants, the bushing shall be made of a material not deleteriously affected.

*** 430.14. Location of Motors.**

- (A) **Ventilation and Maintenance.** Motors shall be located so that adequate ventilation is provided and so that maintenance, such as lubrication of bearings and replacing of brushes, can be readily accomplished.

Exception: Ventilation shall not be required for submersible types of motors.

- (B) **Open Motors.** Open motors that have commutators or collector rings shall be located or protected so that sparks cannot reach adjacent combustible material.

Exception: Installation of these motors on wooden floors or supports shall be permitted.

For each portable generator, please complete sections I through VIII in its entirety.

I. Project Description : Portable Generator for _____

II. History of Hazards

Provide a detailed power outage report for each critical facility that the portable generator will support. Include weather related events from a minimum of three different years. Indicate the cause of the power outage. This information should be obtained from your power provider. **The examples in bold qualify as weather related events.**

Date	Time of Outage	Duration (Minutes)	Outage Type	Description
Mon. Feb. 16, 2015	21:26:13 EST	623	Extreme Storm	Trees in Ice Storm
Tue. Jan. 07, 2014	17:41:34 EST	42	Lightning	Lines clear, fault on breaker
Tue. Jan. 07, 2014	06:37:00 EST	75	Equipment Fault	Cracked Insulator
Thu. Dec. 19, 2013	13:31:40 EST	47	Trees-Other	Lines down due to trees

III. Portable Generator Storage Location

1. Name of facility, physical address (including city and zip code).

Digital Latitude: _____ **Digital Longitude:** _____

***Digital Latitude and Digital Longitude coordinates need to be in Decimal Degrees. The coordinates should be for the storage unit, not the main building of the facility.**

Facility Year Built: _____

2. Flood Insurance Rate Map (FIRM) showing Portable Generator Storage Location. The portable generator storage location cannot be located in a special flood hazard area.

Attach a copy of the panel(s) from the FIRM.

- VE or V 1-30
- AE or A 1-30
- AO or AH
- A (no base flood elevation given)
- B or X (shaded)
- C or X (unshaded)

3. Map and Photographs of Portable Generator Storage Location

- Include Google map with the portable generator storage site clearly marked.
- Provide high-resolution color photographs by email showing a front view, a side view, a back view and a street view of the structure with the portable generator site clearly marked.

IV. Structure Information for Critical Facility that will be served by the Portable Generator

1. Critical Facility Type:

- Police Station Fire Station Hospital Water Treatment Facility
- Wastewater Treatment Facility EOC Other _____

2. Additional Data to Determine Cost Effectiveness

Name of current electrical power provider: _____

Please include a power outage report for the critical facility which includes weather related events from a minimum of three different years, **refer to History of Hazards section.**

Power Outage Report Attached Yes No

V. Facility and Value of Service Data (Provide information for each structure that will be served by the Portable Generator)

1. For Water or Waste Water Services

Number of meters: _____

2. For Hospitals

Number of people served by this hospital: _____

What is the distance in miles between this hospital and the hospital that would treat these people in the event this hospital was inoperative: _____

Number of people served by the nearest hospital: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

3. For Police Stations

Type of station Metropolitan City Rural

Number of people served by this police station: _____

Number of police officers who work at this location: _____

Number of police officers who would not work at this location in a power outage: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

4. For Fire Stations

Type of station Urban Suburban Rural Wilderness (from USDA's Urban Influence Codes)

Number of people served by this fire station: _____

Distance in miles to next closest fire station that has backup power _____

Does Fire Station Provide EMS Yes No

If Fire Station provides EMS (Distance in miles to next closest fire station that could provide EMS service and has backup power): _____

5. For EOC

Type of EOC: Stand-alone structure Part of an existing structure

Use of existing structure: _____

Operation of EOC: Full time, daily Temporary, only upon activation

Annual Operating Budget: _____

Average Number of Days of Use per year: _____

6. For Other Facility _____

Annual budget(s) for the department(s) affected by loss of facility: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

VI. **Location of Structures that will be served by the Portable Generator**

Structure Name	Address	Zip Code	Year Built	Will Require Modification To Add Transfer Switch To Outside Of Structure (Yes or No)	Latitude/ Longitude

***Latitude and Longitude coordinates need to be in Decimal Degrees. The coordinates should be where the portable generator connects to each of the listed structure names.**

1. Include Flood Insurance Rate Map (FIRM) showing each structure

- Attach a copy of the panel(s) from the FIRM.
 - VE or V 1-30*
 - AE or A 1-30*
 - AO or AH*
 - A (no base flood elevation given)*
 - B or X (shaded)
 - C or X (unshaded)

***If located in the above zones with an asterisk, the transfer switch must be installed to the 500 year flood level.**

2. Map and Photographs showing each structure

- Include Google map with the structure clearly marked.
- Provide high-resolution color photographs by email showing a front view, a side view, a back view and a street view of the structure.

VII. Portable Generator Budget

Do not include contingency costs in the budget. List all anticipated costs in detailed. Consider the potential future date of construction when compiling the cost estimate. **Please provide documentation for each budget item with detailed vendor(s) estimates.**

Site Location	Shipping and Installation	Generator	Fuel Tank	Generator and Fuel Tank Elevation (if needed)	Facility Transfer Switch and connections (if needed)	Fuel for Initial Testing	Total Project Costs
Total	0	0	0	0	0	0	0

Annual Maintenance Cost: _____

Source of Maintenance Cost Estimate: _____

VII. GENERATOR DATA SHEET

1. Running Load (KW)	<u>165-175kW</u>	Concrete Pad Dimensions	
2. Starting Load (KW)	<u>213-225kW</u>	Length:	<u>231"</u>
3. Is load being stepped in?	<u>No</u>	Width:	<u>93"</u>
4. Generator Specified (KW)	<u>250kW</u>	Depth:	<u>8-12"</u>
5. Generator Voltage	<u>208/120VAC</u>		
6. Single or Three Phase	<u>Three Phase</u>		
7. Type of Controls	<u>X</u>		
	Automatic	Manual	
8. Type of Fuel	<u> </u>	<u>X</u>	<u> </u>
	Gas	Diesel	Propane Other

Additional information/remarks (Select appropriately):

Generator Type: Fixed Portable

- Generator on slab, not in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work
- Generator on slab, in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work AND:
 - A letter provided by floodplain manager stating project complies with local floodplain ordinance
- Elevated generator, not in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work AND:
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic
- Elevated generator, in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work AND:
 - A letter provided by the floodplain manager stating project complies with local floodplain ordinance
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic

If portable, provide transport, hook up, and fuel supply and storage requirements at multiple facilities and how these will be executed.

I certify that I have visited the project site, performed all necessary tests, and have verified that the attached calculated loads and generator specifications will meet all requirements of this proposed installation as described in the Application's description of work.

[Signature]
Signature

President & GM
Title

7/30/2019
Date

Robert L. Kent
Print Name

Data Source
Organization

404-317-1919
Telephone Number

NOTES:

1. The generator must be installed in accordance with all applicable local and national building and electrical codes, in addition to the "Generator Codes and Standards".
2. Please attach available information on proposed equipment, load and sizing data, etc.
3. The Applicant should develop and implement a generator maintenance plan which includes periodically exercising the generator under load.

THIS FORM MUST BE SIGNED BY A CERTIFIED ELECTRICIAN

Generator Codes and Standards

In accordance with the National Electrical Code

NOTE: Manufacturer's installation instructions will apply for all areas outside the flood hazard area. In the absence of manufacturer's instructions, the method of installation will be approved by the building official as related to the pad supporting the generator. Inside the flood area, a structure will be required for support of the generator to be designed by an engineer and approved by the building official and elevated 2 feet above base flood elevation.

0-14.* Generators and 665, shall also

comply with the provisions of those Articles.

It is recommended that waterproof covers be provided for use in emergency.

445-2. Marking. Each generator shall be provided with a nameplate giving the marker's name, the rating in kilowatts or kilovolt-amperes, the normal volts and amperes corresponding to the rating, and the revolutions per minute.

445-3. Drip Pans. Generators shall be provided with suitable drip pans if required by the authority having jurisdiction.

445-4. Overcurrent Protection.

- (f) **Constant-Potential Generators.** Constant-potential generators, except alternating-current generators and their exciters, shall be protected from excessive current by circuit breakers or fuses.
- (g) **Two-Wire Generators.** Two-wire, direct-current generators may have overcurrent protection in one conductor only if the overcurrent device is actuated by the entire current generated, except that in the shunt field. The overcurrent device shall not open the shunt field.
- (h) **65 Volts or Less.** Generators operating at 65 volts or less and driven by individual motors shall be considered as protected by the overcurrent device protecting the motor if these devices will operate when the generators are delivering not more than 150 per cent of their full-load rated current.
- (i) **Balancer Sets.** Two-wire, direct-current generators used in conjunction with balancer sets to obtain neutrals for 3-wire systems shall be equipped with overcurrent devices which will disconnect the 3-wire system in the case of excessive unbalancing of voltages or currents.
- (j) **3-Wire, Direct-Current Generators.** Three-wire, direct-current generators, whether compound or shunt wound shall be equipped with overcurrent devices, one in each armature lead, and so connected as to be actuated by the entire current from the armature. Such overcurrent devices shall consist either of a double-coil circuit breaker, or of a 4-pole circuit breaker connected in the main and equalizer leads and tripped by two overcurrent devices, one in each armature lead. Such protective devices shall be so interlocked that no one pole can be opened without simultaneously disconnecting both leads of the armature from the system.

445-5. Size of Conductors. The conductors from the generator terminals to supplied equipment shall have an ampacity not less than 115 per cent of the nameplate current rating of the generator. Neutral conductors shall be the same size as the conductors of the outside legs.

445-6. Protection of Live Parts. Live parts of generators of more than 150 volts to ground shall not be exposed to accidental contact where accessible to unqualified persons.

445-7. Guards for Attendants. Where necessary for the safety of attendants the provisions of section 430-133 shall be compiled with.

445-8. Grounding. If a generator operates at a terminal voltage in excess of 150 volts to ground, the frame shall be grounded in the manner specified in Article 250.* If the frame is not grounded, it shall be permanently and effectively insulated from the ground.

445-9. Bushings. Where wires pass through an opening in an enclosure, conduit box, or barrier, a bushing shall be used to protect the conductors from the edges of the opening having sharp edges. The bushing shall have smooth, well rounded surfaces where it may be in contact with conductors. If used where there may be a presence of oils, grease, or other contaminants, the bushing shall be made of a material not deleteriously affected.

*** 430.14. Location of Motors.**

- (C) Ventilation and Maintenance. Motors shall be located so that adequate ventilation is provided and so that maintenance, such as lubrication of bearings and replacing of brushes, can be readily accomplished.

Exception: Ventilation shall not be required for submersible types of motors.

- (D) Open Motors. Open motors that have commutators or collector rings shall be located or protected so that sparks cannot reach adjacent combustible material.

Exception: Installation of these motors on wooden floors or supports shall be permitted.

Georgia Emergency Management Agency / Homeland Security
Pre-Application
Generator Worksheet

This worksheet is for all Hazard Mitigation Assistance grant programs "Generator for Critical Facility" proposals. Please complete ALL sections and provide the documents requested. If you require technical assistance with this worksheet, please contact the Hazard Mitigation Division at (404)-635-7522 or 1-800-TRY-GEMA to have a Hazard Mitigation Program Specialist assigned to you.

A. Applicant Information

1. **Name of Applicant:** Lowndes County Board of Commissioners

2. **Applicant Type**

State Government Local Government Private Non-Profit

3. **Worksheet Prepared by:**

Ms. Mr. Mrs. **First Name** Ashley **Last Name** Tye

Title EMA Director **Telephone** (229) 671-2790

Address (City, State, Zip): 2981 US Hwy 84 E Valdosta, GA 31606

E-mail address: atye@lowndescounty.com

4. **Authorized Applicant Agent** (An individual authorized to sign financial and legal documents on behalf of the local government (e.g., the Chairperson, Board of County Commissioners or the County Manager, etc.).

Ms. Mr. Mrs. **First Name** Bill **Last Name** Slaughter

Title Chairman **Telephone** (229) 671-2440

Address (City, State, Zip): 327 N Ashley St Valdosta, GA 31601

E-mail address: bslaughter@lowndescounty.com

Signature: _____ **Date Submitted:** 7/30/2019

B. Project Information/Mitigation Plan

1. **Project Title:** Emergency Backup Generator for Pruitt Health Valdosta

2. **Project Summary:** (Describe in detail what you are proposing to do.)

Professional installation of a 200kW backup generator to provide emergency power to a 98 bed long term care facility (nursing home). This generator will fully power the entire facility and also be equipped with an automatic transfer switch to instantaneously switch the facility to generator power should commercial power be interrupted. Because of the need to provide consistent, reliable power to medically necessary life saving equipment, this generator project is highly important to the community.

3. **Date of Hazard Mitigation Plan approval by FEMA:** September 13, 2016

This project must be identified in your Hazard Mitigation Plan. Provide a copy of the goal, objective, and action step that supports your project application. Please attach a letter of endorsement for the project from your County's Emergency Management Agency (EMA) Director

Generators: Power loss is a common result of winter storms within the County. Generators should be considered for many critical facilities, including emergency response facilities and designated shelters. This can result in a continuation of services that would otherwise not be possible. An accurate accounting of existing generators should first be conducted, followed by recommendations for adding generators to critical facilities.

Georgia Emergency Management Agency / Homeland Security
Pre-Application
Generator Worksheet

Mitigation Goal #2 - Minimize damage caused by High Winds of Hurricanes and Tornadoes in Lowndes County.

Objective #3 - Ensure all existing and new institutional/public buildings are adequate to withstand sustained winds up to 109 mph.

Action Step - Prewire manual transfer switches for generator use in infrastructure.
Install auxiliary generators for all designated critical infrastructure.

For each fixed generator, please complete sections I through VII in its entirety.

I. **Project Description : Fixed Generator for** Pruitt Health - Crestwood

II. **History of Hazards**

Provide a detailed power outage report for each critical facility which includes weather related events from a minimum of three different years. Indicate the cause of the power outage. This information should be obtained from your power provider. **The examples in bold qualify as weather related events.**

Date	Time of Outage	Duration (Minutes)	Outage Type	Description
September 2, 2016		1019	Tropical Storm	Lines down due to trees
June 13, 2018		2	Equipment Failure	Lines clear, fault on breaker
January 13, 2019		35	Equipment Failure	Lines down, vehicle broke pole

III. **Fixed Generator Location**

1. **Name of facility, physical address (including city and zip code).**

Pruitt Health Valdosta 2501 N Ashley St Valdosta, GA 31602

Digital Latitude: 30.863929 **Digital Longitude:** -83.284495

***Digital Latitude and Digital Longitude coordinates need to be in Decimal Degrees. The coordinates should be for the fixed generator site not the facility.**

Facility Year Built: 1970

2. **Flood Insurance Rate Map (FIRM) showing Generator Location**

<http://map.georgiadfirm.com/>

Attach a copy of the panel(s) from the FIRM.

- VE or V 1-30*
- AE or A 1-30*
- AO or AH*
- A (no base flood elevation given)*
- B or X (shaded)
- C or X (unshaded)

***If located in the above zones with an asterisk, the fixed generator and transfer switch must be elevated to the 500 year flood level.**

3. **Map and Photographs of Generator Location**

- Include Google map with the fixed generator site clearly marked.
- Provide high-resolution color photographs by email showing a front view, a side view, a back view and a street view of the structure with the fixed generator site clearly marked.

IV. **Structure Information**

1. **Critical Facility Type:**

- Police Station Fire Station Hospital Water Treatment Facility
- Wastewater Treatment Facility EOC Other Nursing Home

2. **Additional Data to Determine Cost Effectiveness**

Name of current electrical power provider: GA Power

Please include a power outage report for the critical facility which includes weather related events from a minimum of three different years, **refer to History of Hazards section.**

Power Outage Report Attached Yes No

V. Facility and Value of Service Data

1. For Water or Waste Water Services

Number of meters: _____

2. For Hospitals

Number of people served by this hospital: _____

What is the distance in miles between this hospital and the hospital that would treat these people in the event this hospital was inoperative: _____

Number of people served by the nearest hospital: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

3. For Police Stations

Type of station Metropolitan City Rural

Number of people served by this police station: _____

Number of police officers who work at this location: _____

Number of police officers who would not work at this location in a power outage: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

4. For Fire Stations

Type of station Urban Suburban Rural Wilderness (from USDA's Urban Influence Codes)

Number of people served by this fire station: _____

Distance in miles to next closest fire station that has backup power _____

Does Fire Station Provide EMS Yes No

If Fire Station provides EMS (Distance in miles to next closest fire station that could provide EMS service and has backup power): _____

5. For EOC

Type of EOC: Stand-alone structure Part of an existing structure

Use of existing structure: _____

Operation of EOC: Full time, daily Temporary, only upon activation

Annual Operating Budget: _____

Average Number of Days of Use per year: _____

6. For Other Facility Nursing Home

Annual budget(s) for the department(s) affected by loss of facility: \$7,566,752

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

VI. Fixed Generator Budget

Do not include contingency costs in the budget. List all anticipated costs in detailed. Consider the potential future date of construction when compiling the cost estimate. **Please provide documentation for each budget item with detailed vendor(s) estimates.**

Site Location	Shipping and Installation	Generator	Fuel Tank	Concrete Pad for Generator (if needed)	Generator and Fuel Tank Elevation (if needed)	Facility Transfer Switch and connections (if needed)	Fuel for Initial Testing	Total Project Costs
Pruitt Health Valdosta	\$160,390	\$64,592	\$7,970	\$8,806	N/A	\$8,962	\$218	\$271,013.04
Total	\$160,390	\$64,592	\$7,970	\$8,806		\$8,962	\$218	\$271,013.04

Annual Maintenance Cost: \$2,000 for Year 1 and \$5000/year starting Year 2

Source of Maintenance Cost Estimate: Yancey Power Systems

VII. GENERATOR DATA SHEET

1. Running Load (KW)	<u>130-140kW</u>	Concrete Pad Dimensions	
2. Starting Load (KW)	<u>170-180kW</u>	Length:	<u>211"</u>
3. Is load being stepped in?	<u>No</u>	Width:	<u>52"</u>
4. Generator Specified (KW)	<u>200kW</u>	Depth:	<u>8-12"</u>
5. Generator Voltage	<u>208/120VAC</u>		
6. Single or Three Phase	<u>Three Phase</u>		
7. Type of Controls	<u>X</u> _____		
	Automatic Manual		
8. Type of Fuel	_____ <u>X</u> _____		
	Gas Diesel Propane Other		

Additional information/remarks (Select appropriately):

Generator Type: Fixed Portable

- Generator on slab, not in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work
- Generator on slab, in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work AND:
 - A letter provided by floodplain manager stating project complies with local floodplain ordinance
- Elevated generator, not in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work AND:
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic
- Elevated generator, in Special Flood Hazard Area- relevant codes and standards are stated in the application’s Scope of Work AND:
 - A letter provided by the floodplain manager stating project complies with local floodplain ordinance
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic

If portable, provide transport, hook up, and fuel supply and storage requirements at multiple facilities and how these will be executed.

I certify that I have visited the project site, performed all necessary tests, and have verified that the attached calculated loads and generator specifications will meet all requirements of this proposed installation as described in the Application’s description of work.

_____	_____	_____
Signature	Title	Date
_____	_____	_____
Print Name	Organization	Telephone Number

NOTES:

1. The generator must be installed in accordance with all applicable local and national building and electrical codes, in addition to the “Generator Codes and Standards”.
2. Please attach available information on proposed equipment, load and sizing data, etc.
3. The Applicant should develop and implement a generator maintenance plan which includes periodically exercising the generator under load.

THIS FORM MUST BE SIGNED BY A CERTIFIED ELECTRICIAN

Generator Codes and Standards

In accordance with the National Electrical Code

NOTE: Manufacturer's installation instructions will apply for all areas outside the flood hazard area. In the absence of manufacturer's instructions, the method of installation will be approved by the building official as related to the pad supporting the generator. Inside the flood area, a structure will be required for support of the generator to be designed by an engineer and approved by the building official and elevated 2 feet above base flood elevation.

430-14.*
17, 520,

530 and 665, shall also comply with the provisions of those Articles.

It is recommended that waterproof covers be provided for use in emergency.

445-2. Marking. Each generator shall be provided with a nameplate giving the maker's name, the rating in kilowatts or kilovolt-amperes, the normal volts and amperes corresponding to the rating, and the revolutions per minute.

445-3. Drip Pans. Generators shall be provided with suitable drip pans if required by the authority having jurisdiction.

445-4. Overcurrent Protection.

- (a) **Constant-Potential Generators.** Constant-potential generators, except alternating-current generators and their exciters, shall be protected from excessive current by circuit breakers or fuses.
- (b) **Two-Wire Generators.** Two-wire, direct-current generators may have overcurrent protection in one conductor only if the overcurrent device is actuated by the entire current generated, except that in the shunt field. The overcurrent device shall not open the shunt field.
- (c) **65 Volts of Less.** Generators operating at 65 volts or less and driven by individual motors shall be considered as protected by the overcurrent device protecting the motor if these devices will operate when the generators are delivering not more than 150 per cent of their full-load rated current.
- (d) **Balancer Sets.** Two-wire, direct-current generators used in conjunction with balancer sets to obtain neutrals for 3-wire systems shall be equipped with overcurrent devices which will disconnect the 3-wire system in the case of excessive unbalancing of voltages or currents.
- (e) **3-Wire, Direct-Current Generators.** Three-wire, direct-current generators, whether compound or shunt wound shall be equipped with overcurrent devices, one in each armature lead, and so connected as to be actuated by the entire current from the armature. Such overcurrent devices shall consist either of a double-coil circuit breaker, or of a 4-pole circuit breaker connected in the main and equalizer leads and tripped by two overcurrent devices, one in each armature lead. Such protective devices shall be so interlocked that no one pole can be opened without simultaneously disconnecting both leads of the armature from the system.

445-5. Size of Conductors. The conductors from the generator terminals to supplied equipment shall have an ampacity not less than 115 per cent of the nameplate current rating of the generator. Neutral conductors shall be the same size as the conductors of the outside legs.

445-6. Protection of Live Parts. Live parts of generators of more than 150 volts to ground shall not be exposed to accidental contact where accessible to unqualified persons.

445-7. Guards for Attendants. Where necessary for the safety of attendants the provisions of section 430-133 shall be complied with.

445-8. Grounding. If a generator operates at a terminal voltage in excess of 150 volts to ground, the frame shall be grounded in the manner specified in Article 250.* If the frame is not grounded, it shall be permanently and effectively insulated from the ground.

445-9. Bushings. Where wires pass through an opening in an enclosure, conduit box, or barrier, a bushing shall be used to protect the conductors from the edges of the opening having sharp edges. The bushing shall have smooth, well rounded surfaces where it may be in contact with conductors. If used where there may be a presence of oils, grease, or other contaminants, the bushing shall be made of a material not deleteriously affected.

*** 430.14. Location of Motors.**

- (A) **Ventilation and Maintenance.** Motors shall be located so that adequate ventilation is provided and so that maintenance, such as lubrication of bearings and replacing of brushes, can be readily accomplished.

Exception: Ventilation shall not be required for submersible types of motors.

- (B) **Open Motors.** Open motors that have commutators or collector rings shall be located or protected so that sparks cannot reach adjacent combustible material.

Exception: Installation of these motors on wooden floors or supports shall be permitted.

For each portable generator, please complete sections I through VIII in its entirety.

I. Project Description : Portable Generator for _____

II. History of Hazards

Provide a detailed power outage report for each critical facility that the portable generator will support. Include weather related events from a minimum of three different years. Indicate the cause of the power outage. This information should be obtained from your power provider. **The examples in bold qualify as weather related events.**

Date	Time of Outage	Duration (Minutes)	Outage Type	Description
Mon. Feb. 16, 2015	21:26:13 EST	623	Extreme Storm	Trees in Ice Storm
Tue. Jan. 07, 2014	17:41:34 EST	42	Lightning	Lines clear, fault on breaker
Tue. Jan. 07, 2014	06:37:00 EST	75	Equipment Fault	Cracked Insulator
Thu. Dec. 19, 2013	13:31:40 EST	47	Trees-Other	Lines down due to trees

III. Portable Generator Storage Location

1. Name of facility, physical address (including city and zip code).

Digital Latitude: _____ Digital Longitude: _____

***Digital Latitude and Digital Longitude coordinates need to be in Decimal Degrees. The coordinates should be for the storage unit, not the main building of the facility.**

Facility Year Built: _____

2. Flood Insurance Rate Map (FIRM) showing Portable Generator Storage Location. The portable generator storage location cannot be located in a special flood hazard area.

Attach a copy of the panel(s) from the FIRM.

- VE or V 1-30
- AE or A 1-30
- AO or AH
- A (no base flood elevation given)
- B or X (shaded)
- C or X (unshaded)

3. Map and Photographs of Portable Generator Storage Location

- Include Google map with the portable generator storage site clearly marked.
- Provide high-resolution color photographs by email showing a front view, a side view, a back view and a street view of the structure with the portable generator site clearly marked.

IV. Structure Information for Critical Facility that will be served by the Portable Generator

1. Critical Facility Type:

- Police Station Fire Station Hospital Water Treatment Facility
- Wastewater Treatment Facility EOC Other _____

2. Additional Data to Determine Cost Effectiveness

Name of current electrical power provider: _____

Please include a power outage report for the critical facility which includes weather related events from a minimum of three different years, **refer to History of Hazards section.**

Power Outage Report Attached Yes No

V. Facility and Value of Service Data (Provide information for each structure that will be served by the Portable Generator)

1. For Water or Waste Water Services

Number of meters: _____

2. For Hospitals

Number of people served by this hospital: _____

What is the distance in miles between this hospital and the hospital that would treat these people in the event this hospital was inoperative: _____

Number of people served by the nearest hospital: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

3. For Police Stations

Type of station Metropolitan City Rural

Number of people served by this police station: _____

Number of police officers who work at this location: _____

Number of police officers who would not work at this location in a power outage: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

4. For Fire Stations

Type of station Urban Suburban Rural Wilderness (from USDA's Urban Influence Codes)

Number of people served by this fire station: _____

Distance in miles to next closest fire station that has backup power _____

Does Fire Station Provide EMS Yes No

If Fire Station provides EMS (Distance in miles to next closest fire station that could provide EMS service and has backup power): _____

5. For EOC

Type of EOC: Stand-alone structure Part of an existing structure

Use of existing structure: _____

Operation of EOC: Full time, daily Temporary, only upon activation

Annual Operating Budget: _____

Average Number of Days of Use per year: _____

6. For Other Facility _____

Annual budget(s) for the department(s) affected by loss of facility: _____

If service remained but displaced to new location, provide the number of days displaced _____ and costs _____

VI. **Location of Structures that will be served by the Portable Generator**

Structure Name	Address	Zip Code	Year Built	Will Require Modification To Add Transfer Switch To Outside Of Structure (Yes or No)	Latitude/ Longitude

***Latitude and Longitude coordinates need to be in Decimal Degrees. The coordinates should be where the portable generator connects to each of the listed structure names.**

1. Include Flood Insurance Rate Map (FIRM) showing each structure

- Attach a copy of the panel(s) from the FIRM.
 - VE or V 1-30*
 - AE or A 1-30*
 - AO or AH*
 - A (no base flood elevation given)*
 - B or X (shaded)
 - C or X (unshaded)

***If located in the above zones with an asterisk, the transfer switch must be installed to the 500 year flood level.**

2. Map and Photographs showing each structure

- Include Google map with the structure clearly marked.
- Provide high-resolution color photographs by email showing a front view, a side view, a back view and a street view of the structure.

VII. Portable Generator Budget

Do not include contingency costs in the budget. List all anticipated costs in detailed. Consider the potential future date of construction when compiling the cost estimate. **Please provide documentation for each budget item with detailed vendor(s) estimates.**

Site Location	Shipping and Installation	Generator	Fuel Tank	Generator and Fuel Tank Elevation (if needed)	Facility Transfer Switch and connections (if needed)	Fuel for Initial Testing	Total Project Costs
Total	0	0	0	0	0	0	0

Annual Maintenance Cost: _____

Source of Maintenance Cost Estimate: _____

VII. GENERATOR DATA SHEET

1. Running Load (KW)	<u>130-140kW</u>	Concrete Pad Dimensions	
2. Starting Load (KW)	<u>170-180kW</u>	Length:	<u>211"</u>
3. Is load being stepped in?	<u>No</u>	Width:	<u>52"</u>
4. Generator Specified (KW)	<u>200kW</u>	Depth:	<u>8-12"</u>
5. Generator Voltage	<u>208/120VAC</u>		
6. Single or Three Phase	<u>Three Phase</u>		
7. Type of Controls	<u>X</u>		
	<u>Automatic</u>	<u>Manual</u>	
8. Type of Fuel	<u>Gas</u>	<u>X</u>	<u>Propane</u>
		<u>Diesel</u>	<u>Other</u>

Additional information/remarks (Select appropriately):

Generator Type: Fixed

Portable

- Generator on slab, not in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work
- Generator on slab, in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work AND:
 - A letter provided by floodplain manager stating project complies with local floodplain ordinance
- Elevated generator, not in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work AND:
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic
- Elevated generator, in Special Flood Hazard Area- relevant codes and standards are stated in the application's Scope of Work AND:
 - A letter provided by the floodplain manager stating project complies with local floodplain ordinance
 - Certification from a Georgia registered engineer that the elevating structure is designed for the anticipated load to the structure including but not limited to wind, flood, snow, seismic

If portable, provide transport, hook up, and fuel supply and storage requirements at multiple facilities and how these will be executed.

I certify that I have visited the project site, performed all necessary tests, and have verified that the attached calculated loads and generator specifications will meet all requirements of this proposed installation as described in the Application's description of work.

[Signature]
Signature

President + Gen
Title

7/30/2019
Date

Robert L. Kent
Print Name

Data Power Sources
Organization

404-317-1919
Telephone Number

NOTES:

1. The generator must be installed in accordance with all applicable local and national building and electrical codes, in addition to the "Generator Codes and Standards".
2. Please attach available information on proposed equipment, load and sizing data, etc.
3. The Applicant should develop and implement a generator maintenance plan which includes periodically exercising the generator under load.

THIS FORM MUST BE SIGNED BY A CERTIFIED ELECTRICIAN

Generator Codes and Standards

In accordance with the National Electrical Code

NOTE: Manufacturer's installation instructions will apply for all areas outside the flood hazard area. In the absence of manufacturer's instructions, the method of installation will be approved by the building official as related to the pad supporting the generator. Inside the flood area, a structure will be required for support of the generator to be designed by an engineer and approved by the building official and elevated 2 feet above base flood elevation.

0-14.* Generators and 665, shall also

comply with the provisions of those Articles.

It is recommended that waterproof covers be provided for use in emergency.

445-2. Marking. Each generator shall be provided with a nameplate giving the marker's name, the rating in kilowatts or kilovolt-amperes, the normal volts and amperes corresponding to the rating, and the revolutions per minute.

445-3. Drip Pans. Generators shall be provided with suitable drip pans if required by the authority having jurisdiction.

445-4. Overcurrent Protection.

- (f) **Constant-Potential Generators.** Constant-potential generators, except alternating-current generators and their exciters, shall be protected from excessive current by circuit breakers or fuses.
- (g) **Two-Wire Generators.** Two-wire, direct-current generators may have overcurrent protection in one conductor only if the overcurrent device is actuated by the entire current generated, except that in the shunt field. The overcurrent device shall not open the shunt field.
- (h) **65 Volts or Less.** Generators operating at 65 volts or less and driven by individual motors shall be considered as protected by the overcurrent device protecting the motor if these devices will operate when the generators are delivering not more than 150 per cent of their full-load rated current.
- (i) **Balancer Sets.** Two-wire, direct-current generators used in conjunction with balancer sets to obtain neutrals for 3-wire systems shall be equipped with overcurrent devices which will disconnect the 3-wire system in the case of excessive unbalancing of voltages or currents.
- (j) **3-Wire, Direct-Current Generators.** Three-wire, direct-current generators, whether compound or shunt wound shall be equipped with overcurrent devices, one in each armature lead, and so connected as to be actuated by the entire current from the armature. Such overcurrent devices shall consist either of a double-coil circuit breaker, or of a 4-pole circuit breaker connected in the main and equalizer leads and tripped by two overcurrent devices, one in each armature lead. Such protective devices shall be so interlocked that no one pole can be opened without simultaneously disconnecting both leads of the armature from the system.

445-5. Size of Conductors. The conductors from the generator terminals to supplied equipment shall have an ampacity not less than 115 per cent of the nameplate current rating of the generator. Neutral conductors shall be the same size as the conductors of the outside legs.

445-6. Protection of Live Parts. Live parts of generators of more than 150 volts to ground shall not be exposed to accidental contact where accessible to unqualified persons.

445-7. Guards for Attendants. Where necessary for the safety of attendants the provisions of section 430-133 shall be compiled with.

445-8. Grounding. If a generator operates at a terminal voltage in excess of 150 volts to ground, the frame shall be grounded in the manner specified in Article 250.* If the frame is not grounded, it shall be permanently and effectively insulated from the ground.

445-9. Bushings. Where wires pass through an opening in an enclosure, conduit box, or barrier, a bushing shall be used to protect the conductors from the edges of the opening having sharp edges. The bushing shall have smooth, well rounded surfaces where it may be in contact with conductors. If used where there may be a presence of oils, grease, or other contaminants, the bushing shall be made of a material not deleteriously affected.

*** 430.14. Location of Motors.**

- (C) Ventilation and Maintenance. Motors shall be located so that adequate ventilation is provided and so that maintenance, such as lubrication of bearings and replacing of brushes, can be readily accomplished.
Exception: Ventilation shall not be required for submersible types of motors.
- (D) Open Motors. Open motors that have commutators or collector rings shall be located or protected so that sparks cannot reach adjacent combustible material.
Exception: Installation of these motors on wooden floors or supports shall be permitted.

LOWNDES COUNTY BOARD OF COMMISSIONERS
COMMISSION AGENDA ITEM

SUBJECT: EMGrants User Access Agreement

Work
Session/Regular
Session

DATE OF MEETING: August 13, 2019

BUDGET IMPACT: Lowndes County receives \$32,770 annually from GEMA through the EMPG Program.

FUNDING SOURCE:

- Annual
- Capital
- N/A
- SPLOST
- TSPLOST

COUNTY ACTION REQUESTED ON: Authorization for the Chairman to sign the MOU and Exhibit A (Designation of Grant Officials)

HISTORY, FACTS AND ISSUES: Georgia Emergency Management Agency (GEMA) has transitioned the application process for the Emergency Management Performance Grant Program from paper form submission to an online grants portal. In order to grant access, GEMA requires the participating county to submit an MOU requesting access to the portal as well as identifying staff that have authority for submitting documentation and request as well as financial information. Approval of this MOU will authorize access for the EMA Director to submit all required documentation and request available funds from GEMA through the online portal.

- OPTIONS:
1. Authorize the Chairman to sign the MOU and Exhibit A
 2. Board's Pleasure

RECOMMENDED ACTION: Approve

DEPARTMENT: Emergency Management

DEPARTMENT HEAD: Ashley Tye

ADMINISTRATIVE COMMENTS AND RECOMMENDATIONS:

Memorandum of Understanding (MOU) Instructions

1. The MOU consists of a 7-page document and 1 Exhibit (A); 8 pages total. All documents must be completed and returned to Georgia Emergency Management and Homeland Security Agency (GEMA/Homeland Security) with the appropriate signatures.
2. The MOU and Exhibit A should be filled out electronically. If you cannot fill it out electronically, please make sure to print all of the required information.
3. To complete the MOU and Exhibit A, use either the tab key or the arrow keys to move through the pages field by field. All fields must be completed prior to submission.
4. Once all required information has been entered into the fillable fields of the MOU and Exhibit A; print the entire document.
5. The last page of the MOU document, before Exhibit A, requires the signature of the Chief Elected/Appointed Official or the Chief Executive Officer, title, telephone and date of signature. The MOU also requires the signature of a witness.
6. Exhibit A (Designation of Applicant's Agent) requires the signature of the Chief Elected/Appointed Official or the Chief Executive Officer, title, telephone and date of signature. An email address is required to obtain access to the system (all email addresses must be unique; no duplicates are allowed).
7. **Please Note: The same person must sign the MOU and Exhibit A.**
8. Once the documents are complete and signed, they must be sent to the following email address: hsgrants@gema.ga.gov

Note: If email is unavailable to you, a paper copy may be submitted to the address below. Please note that this may slow the process of obtaining access to the Georgia EMGrantsPro system as it will need to be scanned and uploaded by our staff.

GEMA/Homeland Security
Post Office Box 18055
Atlanta, Georgia 30316
ATTN: Preparedness Grants and
Programs Division

Memorandum of Understanding (MOU)
BY and BETWEEN
GEORGIA EMERGENCY MANAGEMENT AND HOMELAND SECURITY AGENCY
AND
LOWNDES COUNTY EMERGENCY MANAGEMENT AGENCY

This Memorandum of Understanding (Agreement) made and entered into between the Georgia Emergency Management and Homeland Security Agency, hereinafter referred to as the “GEMA/Homeland Security” and Lowndes County Emergency Management Agency

officially domiciled at 250 Douglas St Valdosta, GA 31601

hereinafter referred to as Subgrantee relating to application for grants under the U. S. Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA) Emergency Management Performance Grant (EMPG).

WHEREAS, GEMA/Homeland Security as the State Administrative Agency (SAA), on behalf of the State of Georgia, is the Grantee receiving funding under the DHS FEMA EMPG as authorized under Section 662 of the *Post-Katrina Emergency Management Reform Act of 2006* (PKEMRA), as amended, (Pub. L. No. 109-295) (6 U.S.C. 762); the *Robert T. Stafford Disaster Relief and Emergency Assistance Act*, as amended (Pub. L. No. 93-288) (42 U.S.C. 5121 *et seq.*); the *Earthquake Hazards Reduction Act of 1977*, as amended (Pub. L. No. 95-124) (42 U.S.C. 7701 *et seq.*); and the *National Flood Insurance Act of 1968*, as amended (Pub. L. No. 90-448) (42 U.S.C. 4001 *et seq.*) and has the fiduciary responsibility to ensure those funds are spent on eligible Subgrantee facilities and activities, and are properly reimbursed to the Subgrantee; and

WHEREAS, the agreement is part of the referenced Subgrantee’s application and profile record in the Georgia EMGrantsPro system and will become effective and binding upon approval by GEMA/Homeland Security;

NOW, THEREFORE, in consideration thereof, the parties hereby agree as follows:

Responsibilities of the Subgrantee

The Subgrantee is primarily responsible for compliance with and agrees to obtain a working knowledge of the above-mentioned Acts and all applicable DHS FEMA regulations as provided in all applicable Subparts of 2 Code of Federal Regulations (CFR) Part 200 and 44 CFR that govern the EMPG and shall adhere to the application of those above-mentioned

Acts and those applicable regulations and policies as a condition for acceptance of and expenditure of said DHS FEMA funding.

As a further condition for the acceptance of and expenditure of DHS FEMA funding, the Subgrantee hereby agrees to follow all GEMA/Homeland Security guidelines, regulations and directives, to include but not to limited to the following:

- Use gema.ga.gov and gaemgrants.com, as applicable to access forms, request time extensions and submit requests for reimbursements with supporting documentation.
- The Subgrantee shall assure that all project documents are made available to GEMA/Homeland Security, DHS FEMA, Office of Inspector General (OIG) or to any state or federal agency as determined by GEMA/Homeland Security, to include but not limited to: procurement policies, accounting policies, and all other documentation substantiating eligible costs.
- All records, reports, documents and other materials delivered or transmitted to GEMA/Homeland Security by the Subgrantee shall become the property of GEMA/Homeland Security.
- The Subgrantee will be required to execute a separate subgrant agreement for EMPG in addition to this MOU.
- The Subgrantee agrees to monitor gema.ga.gov and gaemgrants.com for any changes in law, regulations, policy or procedure which affects the Subgrantee's grant requirements.
- The undersigned, as the appointed agent of the Subgrantee hereby declares that the individuals named herein as the Subgrantee's agents are knowledgeable of the requirements outlined herein.

The subgrantee hereby acknowledges that failure to adhere to all applicable state and federal law, regulations, policies and directives may result in suspension and/or termination of funding/reimbursements and/or all or part of the de-obligation of previously received funding.

Responsibilities of GEMA/Homeland Security

- GEMA/Homeland Security agrees to maintain gaemgrants.com subject to the availability of funding.
- GEMA/Homeland Security shall, through the Subgrantee's assigned Program Manager and Grant Specialist, review Subgrantee's requests for advancement of funds, assist Subgrantee in correcting deficiencies, and disburse funds to the Subgrantee in a timely manner as possible.
- GEMA/Homeland Security shall communicate to the Subgrantee, in a timely manner, any changes in law, regulations, policy or procedure which affects the Subgrantee's grant requirements through gaemgrants.com, gema.ga.gov and/or the appropriate alternate methods of communication.
- GEMA/Homeland Security shall provide technical assistance to assist the Subgrantee in the formulation and management of its DHS FEMA grants (see Disclaimer paragraph herein below).

Terms of Agreement

This MOU shall remain in full force and effect for the duration of any DHS FEMA grants Subgrantee receives, including the record retention period. Any changes in regulations, policies or procedures applicable to EMPG funding shall constitute an amendment to this Agreement.

Limitation of Liability

The Subgrantee acknowledges that this MOU is intended for the benefit of the Grantee and the Subgrantee and does not confer any rights upon any third parties. Furthermore, the Subgrantee hereby agrees to hold harmless and indemnify Grantee from any actions or claims brought on behalf of any third parties, including those to whom services or materials are provided under any project funded by the DHS FEMA EMPG.

Disclaimer

In its capacity as the Grantee and state fiduciary of (DHS FEMA) and other federal grant funds, GEMA/Homeland Security provides technical assistance to current and potential Subgrantees (collectively referred to as "Subgrantees") of the FEMA EMPG.

Technical assistance includes the application of specific knowledge to a specific situation in order to address a specific need and as such is not a legal opinion or an endorsement of the Subgrantee's grants management practice. GEMA/Homeland Security does not render legal opinions to Subgrantees, but rather provides information intended to assist a Subgrantee prudently manage its own grants management program by employing effective methods and sound practices to manage DHS FEMA grants.

Technical assistance and other grants management information provided by GEMA/Homeland Security and adopted by the Subgrantee, does not serve as GEMA/Homeland Security's endorsement of the Subgrantee's grants management practice and does not relieve the Subgrantee of the responsibility of assuring that its grants management practice is in compliance with applicable laws, regulations and policies as required by the DHS FEMA EMPG.

The Subgrantee, by its decision to participate in the EMPG, bears the ultimate responsibility for ensuring compliance with all applicable state and federal laws, regulations and policies, and bears the ultimate consequences of any adverse decisions rendered by GEMA/Homeland Security, DHS FEMA, or any other state and federal agencies with audit, regulatory, or enforcement authority. Throughout the grants management process, GEMA/Homeland Security, as the state fiduciary of this federal funding, reserves the right to demand that the Subgrantee comply with all applicable state and federal laws, regulations and policies, require refund of advanced funds and

take any and all other actions it deems appropriate to protect those funds for which it is responsible.

Additional Laws and Policies

The Subgrantee agrees to abide by the requirements of the following as applicable: Title VI and VII of the Civil Rights Act of 1964, as amended by the Equal Opportunity Act of 1972, Federal Execution Order 11246, the Federal Rehabilitation Act of 1973, as amended, the Vietnam Era Veteran's Readjustment Assistance Act of 1974, Title IX of the Education Amendments of 1972, the Age Act of 1975, and the Americans with Disabilities Act of 1990.

The Subgrantee agrees not to discriminate in its employment practices, and will render services under this Agreement without regard to race, color, religion, sex, national origin, veteran status, political affiliation, or disabilities.

Any act of discrimination committed by the Subgrantee or failure to comply with these statutory obligations, when applicable, shall be grounds for termination of this Agreement.

Notices

All notices and other communications pertaining to this Agreement shall be in electronic format and/or writing and shall be transmitted either by email, personal hand delivery (and receipted for) or deposited in the United States Mail, as certified mail, return receipt requested and postage prepaid, to the other party, addressed as follows:

GEMA/Homeland Security
Post Office Box 18055
Atlanta, Georgia 30316
ATTN: Preparedness Grants and Programs

Or

hsgrants@gema.ga.gov

IN WITNESS WHEREOF, the parties have executed this Agreement on the day, month and year first written above.

WITNESSES:

State's Witness

Name: Sheneka Turner

State Coordinating Officer

Name: Ceporia McMillian

Date

Telephone Number: (404) 635-7095

Subgrantee's Witness

Name: Paige Dukes

Chief Elected/Appointed Official
or Chief Executive Officer

Name: Bill Slaughter

Title: Chairman, Board of Commissioners

Date August 13, 2019

Telephone Number: (229) 671-2440

Exhibit A

Designation of Applicant's Agent

Provide the information below for 1 primary, 1 alternate (optional), 1 authorized and 1 financial individual that will be designated as agents. Changes to the below authorized agents must be communicated to GEMA/Homeland Security in the manner as detailed above within fourteen (14) days of such change.

Primary Agent's Name: Ashley Tye

Title: EMA Director

Telephone number: (229) 671-2790

Email Address: atye@lowndescounty.com

Alternate Agent's Name (Optional): Paige Dukes

Title: County Clerk

Telephone number: (229) 671-2491

Email Address: pdukes@lowndescounty.com

Authorized Agent's Name: Ashley Tye

Title: EMA Director

Telephone number: (229) 671-2790

Email Address: atye@lowndescounty.com

Financial Agent's Name: Stephanie Black

Title: Finance Director

Telephone number: (229) 671-2525

Email Address: sblack@lowndescounty.com

I, as Chief Elected or Appointed Official of the Subgrantee am authorized to execute and file an Application for the Emergency Management Performance Grant Program on behalf of the Subgrantee for the purpose of obtaining funding under the above-mentioned Acts. The above named agent(s) is/are authorized to represent and act on behalf of the Subgrantee in all dealings with the State of Georgia on all matters pertaining to the management of grants as required by this MOU.

Chief Elected/Appointed Official
or Chief Executive Officer

Date

Name: Bill Slaughter

Title: Chairman, Board of Commissioners

Telephone Number: (229) 671-2440

LOWNDES COUNTY BOARD OF COMMISSIONERS
COMMISSION AGENDA ITEM

SUBJECT: Dell Lease Purchase Schedule

Work Session/Regular Session

DATE OF MEETING: August 13, 2019

BUDGET IMPACT: \$43,178.61

FUNDING SOURCE:

- Annual
- Capital
- N/A
- SPLOST
- TSPLOST

COUNTY ACTION REQUESTED ON: Dell Lease Purchase Schedule

HISTORY, FACTS AND ISSUES: The Commission approved the lease of a fleet of laptops for the Sheriff's Office at the May 14th regular meeting. Attached is the Lease Schedule Agreement that resulted from that approval. This agreement falls under the Master Lease Agreement the Commission approved May 2009.

- OPTIONS: 1. Approve
2. Board's pleasure

RECOMMENDED ACTION: Approve

DEPARTMENT: ITS

DEPARTMENT HEAD: Aaron Kostyu

ADMINISTRATIVE COMMENTS AND RECOMMENDATIONS:



LOWNDES COUNTY, GA
DELL FLEX LEASE PURCHASE SCHEDULE NO. 811-6465612-005
TO MASTER LEASE AGREEMENT NO. 6465612

THIS SCHEDULE IS SUBJECT TO AND INCORPORATES THE TERMS AND CONDITIONS OF MASTER LEASE AGREEMENT NO. 6465612 ("Agreement") DATED May 16, 2009 BETWEEN DELL FINANCIAL SERVICES L.L.C. ("Lessor") AND LOWNDES COUNTY, GA ("Lessee").

Lessor hereby agrees to lease and/or make available to Lessee subject to the terms, conditions and provisions set forth in this Schedule and in the Agreement, the Products described below. Any capitalized term used herein and not defined herein shall have the meaning ascribed to it in the Agreement.

PRODUCT DESCRIPTION AND LOCATION: See below or Exhibit "A" attached to and made a part hereof.

PRODUCT SELLER: [Dell Inc., One Dell Way, Round Rock, TX 78682]

Table with 5 columns: Product Description, Product Location, Lessee Purchase Order No., Primary Term (Mos.), Commencement Date*. Row 1: See Exhibit 'A', See Exhibit 'A', 19-15147, 37, July 1, 2019

Rent is payable: in Advance

Payment Period: Annually

*The Commencement Date may be extended for one Payment Period until the Schedule is returned in accordance with the terms in the Agreement. Lessor may charge Lessee prorated Rent accruing from the Acceptance Date to the Commencement Date, as such date is finally determined.

LEASE PURCHASE PROVISIONS

The following provisions shall apply with respect to this Schedule in addition to those provisions in the Agreement:

1. SECTION 4. RENT; TAXES; PAYMENT OBLIGATION.

Insert as a new last sentence to subsection (a) the following:

"For the purposes of this Schedule, the Rent and Purchase Price (as of the applicable Purchase Date) are shown in the chart below or on Exhibit "B", attached to and made a part hereof.

Table with 6 columns: Payment Number, Purchase Date, Rent, Interest Portion, Principal Portion, Purchase Price. Row 1: See Exhibit 'B'

Add as a new last sentence to subsection (b) the following:

"Because the Products will be used for a governmental or proprietary purpose of Lessee, they are exempt from all sales, use and property taxes."

2. SECTION 3. TERM.

Insert as a new second paragraph the following:

"TECHNOLOGY REFRESH WITH NEW FINANCING OPTION. Provided no Event of Default has occurred or is continuing under this Schedule and the Agreement, Lessee may exercise the following technology refresh option ("Tech Refresh Option") by delivering to Lessor an irrevocable written election notice to exercise the Tech Refresh Option at least 120 days

prior to the expiration of the Primary Term and by completing all of the following on or before the beginning of the last month of the Primary Term (the "Tech Refresh Date"):

- (i) Lessee returns all (but not less than all) of the Products on this Schedule ("Original Products") to Lessor in the same manner as described in the Agreement; and
- (ii) Lessee enters into a new Schedule under the Agreement (the "New Lease") with a primary term of at least 24 months for new equipment ("New Products") which are, as determined by Lessor, of the same manufacture, type and quality as the Original Products and which have a Total Product Cost that is at least 75% of the Total Product Cost of the Original Products.

When Lessee completely fulfills the terms and conditions of the Tech Refresh option and has made all payments and performed all other obligations under the Schedule and the Agreement, then this Schedule shall terminate and, except as provided in the Agreement, Lessee shall be relieved of all obligations under this Schedule. Notwithstanding the election by Lessee of the Tech Refresh Option, the Schedule and Agreement shall remain in full force and effect and if the terms and condition of the Tech Refresh Option are not fulfilled before the Tech Refresh Date, the Tech Refresh Option shall be null and void and Lessee shall pay the final Rent payment due on the Tech Refresh Date.

3. SECTION 11. REPRESENTATIONS, WARRANTIES AND COVENANTS OF LESSEE.

For purposes of this Schedule, add paragraphs (j) through (t) as follows:

"(j) Lessee will comply with the information reporting requirements of Section 149(e) of the Code, including but not limited to, the execution (and delivery to Lessor) of information statements requested by Lessor;

(k) Lessee will not do, cause to be done or fail to do any act if such act or failure to act will cause this Agreement, or any transaction hereunder, to be an Arbitrage Bond within the meaning of Section 148 of the Code or a Private Activity Bond within the meaning of Section 141 of the Code;

(l) The total cost of the Products listed in this Schedule will not be less than the total Principal Portion of the Rent listed in this Schedule;

(m) The Products listed in this Schedule have or will be ordered within six months of the date hereof in order to commence such Schedule;

(n) The Products listed in this Schedule are expected to be delivered and installed, and the Seller fully paid, within one year from the date hereof;

(o) No fund or account which secures or otherwise relates to the Rent has been established;

(p) Lessee will not sell, encumber or otherwise dispose of any property comprising this Schedule prior to the final maturity or termination of such Schedule without a written opinion of nationally recognized bond counsel to the effect that any such disposition will not adversely affect the exclusion of interest on the Rent from gross income for federal income tax purposes;

(q) Lessee agrees to execute, deliver and provide Lessor with satisfactory evidence of the filing of such documentation, as may be required for the purposes of properly reporting this Schedule, including, without limitation, IRS forms 8038-G or 8038-GC, as required under the Code;

(r) It is expected that Rent under this Schedule will be paid from periodic appropriations of the Lessee deposited into the general fund of the Lessee, that such appropriations will equal the Rent due during each Fiscal Period of Lessee, and that all amounts paid for Rent will be from an appropriation made by the Lessee during the Fiscal Period in which such Rent is made;

(s) To the best of our knowledge, information and belief, the above expectations are reasonable; and

(t) Lessee will comply with all applicable provisions of the Code, including without limitation Sections 103, 141 and 148 thereof, and the applicable regulations of the Treasury Department to maintain the exclusion of the interest components of Rent from gross income for purposes of federal income taxation.

Without limiting the generality of the foregoing, Lessor hereby gives notice to Lessee that, upon execution of this Schedule by Lessor, Lessor shall assign all of its right, title and interest in, to and under this Schedule, including all Products and all payments owing under such Schedule, to Dell Equipment Funding L.P. ("DEF") pursuant to a purchase agreement between the Lessor and DEF. Lessee hereby acknowledges and consents to such assignment and shall keep, or cause to be kept, a complete and accurate record of all such assignments in a manner and form necessary to comply with Section 149(a) of the Code and the Treasury Regulations promulgated thereunder. Lessor hereby directs Lessee to continue to make any and all payments required to be made under this Schedule directly to Lessor, as servicing agent for DEF, at the same address to which Lessee is currently making payments unless and until Lessor is directed by DEF to make such payments to a different address or payee."

4. SECTION 12. WARRANTY ASSIGNMENT; EXCLUSION OF WARRANTIES; LIMITATIONS ON LIABILITY; FINANCE LEASE.

For purposes of this Schedule, delete "FINANCE LEASE" in the title of this Section and delete paragraph (d).

5. SECTION 17. OWNERSHIP; LIENS AND ENCUMBRANCES; LABELS.

Insert at the end of this paragraph the following:

"If Lessee has not terminated the Lease in accordance with Section 5 of the Agreement and no Event of Default has occurred and is continuing, then upon payment of all Rent and other amounts due under this Schedule and the Agreement, at the end of the Lease Term, Lessee is entitled to Lessor's interest in the Products "AS IS, WHERE IS," without any warranty or representation by Lessor, express or implied, other than the absence of any liens by, through or under Lessor. Lessee will deliver to Lessor documents reasonably requested by Lessor to give public notice of Lessor's interest in the Products."

6. PURCHASE OPTION.

Provided that no Event of Default has occurred and is continuing, and at least 60 days but no more than 180 days before the purchase date ("Purchase Date") selected by Lessee, Lessee will give irrevocable written notice to Lessor of its intention to:

- (i) purchase the Products for \$1.00 at the end of the Primary Term;
- (ii) purchase the Products at the Purchase Price as stated in Paragraph (i) above or as listed on Exhibit B, so long as all other amounts due on the Purchase Date have been paid in full; or
- (iii) return the Products in accordance with the Agreement for a fee agreed upon by both parties.

Upon satisfaction by Lessee of such conditions, Lessee shall be entitled to Lessor's interest in the Products, AS IS, WHERE IS, WITHOUT WARRANTY OR RECOURSE, EXPRESS, IMPLIED OR OTHERWISE, BY OR AGAINST LESSOR, INCLUDING ANY WARRANTIES OF DESIGN, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR AGAINST INFRINGEMENT, other than the absence of any liens by, through, or under Lessor.

As continuing security for Lessee's obligations hereunder, Lessee hereby grants to Lessor, a first-priority security interest in all of Lessee's rights and interest in and to the Products and all proceeds thereof, free and clear of all security interests, liens or encumbrances whatsoever.

7. COMPLETION OF SCHEDULE: Lessee hereby authorizes Lessor to insert or update the serial numbers of the Products from time to time as necessary.

If Lessee delivers this signed Schedule, any amendment or other document related to this Schedule or the Master Lease (each a "Document") to Lessor by facsimile transmission, and Lessor does not receive all of the pages of that Document, Lessee agrees that, except for any pages which require a signature, Lessor may supply the missing pages to the Document from Lessor's database which conforms to the version number at the bottom of the page. If Lessee delivers a signed Document to Lessor as an e-mail attachment, facsimile transmission or by U.S. mail, Lessee acknowledges that Lessor is relying on Lessee's representation that the Document has not been altered. Lessee further agrees that, notwithstanding any rule of evidence to the contrary, in any hearing, trial or proceeding of any kind with respect to a Document, Lessor may produce a tangible copy of the Document transmitted by Lessee to Lessor by facsimile or as an e-mail attachment and such signed copy shall be deemed to be the original of the Document. To the extent (if any) that the Document constitutes chattel paper under the Uniform Commercial Code, the authoritative copy of the Document shall be the copy designated by Lessor or its assignee, from time to time, as the copy available for access and review by Lessee, Lessor or its assignee. All other copies are deemed identified as copies of the authoritative copy. In the event of inadvertent destruction of the authoritative copy, or corruption of the authoritative copy for any reason or as the result of any cause, the authoritative copy may be

restored from a backup or archive copy, and the restored copy shall become the authoritative copy. At Lessor's option, this electronic record may be converted into paper form. At such time, such paper copy will be designated or marked as the authoritative copy of the Document.

By signing below, each of the parties hereto agrees to be bound by the terms of the Agreement, this Schedule and the attached Exhibits "A" and "B".

LOWNDES COUNTY, GA

"Lessee"

By: _____

Name: _____

Title: _____

Date: _____

DELL FINANCIAL SERVICES L.L.C.

"Lessor"

By: _____

Name: _____

Title: _____

Date: _____

LOWMEDES COUNTY, GEORGIA
 LEASE SCHEDULE
 No. 811-6465612-005
 EXHIBIT A

Commencement Date: 7/1/2019

Termination Date: 7/30/2022

<u>PO #</u>	<u>DELL Order #</u>	<u>Qty</u>	<u>Item #</u>	<u>Service Tag</u>	<u>Item Description</u>	<u>Periodic Rent</u>	<u>Total Equipment Cost</u>	<u>Equipment Location</u>	<u>LRF Asset</u>
		1	210-AOPT	FDJFTG2	Dell Latitude 5420 Rugged, CTO		120	PRISON FARM RD	SHERIFFS OFFICE VALDOSTA GA 31601
		1	210-AOPT	CDJFTG2	Dell Latitude 5420 Rugged, CTO		120	PRISON FARM RD	SHERIFFS OFFICE VALDOSTA GA 31601
		1	210-AOPT	8BJFTG2	Dell Latitude 5420 Rugged, CTO		120	PRISON FARM RD	SHERIFFS OFFICE VALDOSTA GA 31601
		1	210-AOPT	5BJFTG2	Dell Latitude 5420 Rugged, CTO		120	PRISON FARM RD	SHERIFFS OFFICE VALDOSTA GA 31601
		1	210-AOPT	2DJFTG2	Dell Latitude 5420 Rugged, CTO		120	PRISON FARM RD	SHERIFFS OFFICE VALDOSTA GA 31601
		1	210-AOPT	1CJFTG2	Dell Latitude 5420 Rugged, CTO		120	PRISON FARM RD	SHERIFFS OFFICE VALDOSTA GA 31601
		1	210-AOPT	JCJFTG2	Dell Latitude 5420 Rugged, CTO		120	PRISON FARM RD	SHERIFFS OFFICE VALDOSTA GA 31601
		1	210-AOPT	CBJFTG2	Dell Latitude 5420 Rugged, CTO		120	PRISON FARM RD	SHERIFFS OFFICE VALDOSTA GA 31601
		1	210-AOPT	6DJFTG2	Dell Latitude 5420 Rugged, CTO		120	PRISON FARM RD	SHERIFFS OFFICE VALDOSTA GA 31601
		1	210-AOPT	5FJFTG2	Dell Latitude 5420 Rugged, CTO		120	PRISON FARM RD	SHERIFFS OFFICE VALDOSTA GA 31601
		1	210-AOPT	FBJFTG2	Dell Latitude 5420 Rugged, CTO		120	PRISON FARM RD	SHERIFFS OFFICE VALDOSTA GA 31601
		1	210-AOPT	DCJFTG2	Dell Latitude 5420 Rugged, CTO		120	PRISON FARM RD	SHERIFFS OFFICE VALDOSTA GA 31601

1	210-AOPT	3F1FTG2	Dell Latitude 5420 Rugged, CTO	120 PRISON FARM RD	SHERIFFS OFFICE	VALDOSTA	GA	31601
1	210-AOPT	3B1FTG2	Dell Latitude 5420 Rugged, CTO	120 PRISON FARM RD	SHERIFFS OFFICE	VALDOSTA	GA	31601
1	210-AOPT	JD1FTG2	Dell Latitude 5420 Rugged, CTO	120 PRISON FARM RD	SHERIFFS OFFICE	VALDOSTA	GA	31601
1	210-AOPT	BC1FTG2	Dell Latitude 5420 Rugged, CTO	120 PRISON FARM RD	SHERIFFS OFFICE	VALDOSTA	GA	31601
1	210-AOPT	8D1FTG2	Dell Latitude 5420 Rugged, CTO	120 PRISON FARM RD	SHERIFFS OFFICE	VALDOSTA	GA	31601
1	210-AOPT	7C1FTG2	Dell Latitude 5420 Rugged, CTO	120 PRISON FARM RD	SHERIFFS OFFICE	VALDOSTA	GA	31601
1	210-AOPT	4C1FTG2	Dell Latitude 5420 Rugged, CTO	120 PRISON FARM RD	SHERIFFS OFFICE	VALDOSTA	GA	31601
19	800-BBGF		BTO Standard shipment Air					
19	540-BCIH		Factory Installed Rigid handle tied sku					
38	340-ACQO		No Option Included					
19	387-BBNU		Energy Star Certified					
19	808-6797		ProSupport Plus: Next Business Day Onsite					
19	808-6805		Dell Limited Hardware Warranty Initial Y					
19	808-6817		ProSupport Plus: Accidental Damage Servi					
19	808-6818		ProSupport Plus: Keep Your Hard Drive, 3					
19	808-6847		ProSupport Plus: 7X24 Technical Support,					
19	997-8367		Thank you for choosing Dell ProSupport P					
19	379-BDHC		8th Gen Intel Core i5-8350U Processor (Q					
19	619-AHKN		Win 10 Pro 64 English, French, Spanish					
19	630-AAAPK		No Productivity Software					
19	338-BPTK		Intel Core i5-8350U Processor Base with					
19	631-ABWH		No Out-of-Band Systems Management					
19	370-AEMM		16GB, 2x8GB, 2400MHz DDR4 Non-ECC					
19	400-BBTW		M.2 256GB PCIe NVMe Class 40 Solid State					
19	340-CKSZ		No Autopilot					
19	391-BDVP		14" FHD WVA (1920 x 1080) Embedded Touch					
19	319-BBFN		RGB Camera					
19	389-DOPP		SYSTEM RATING LABEL					
19	580-ABYR		Sealed Internal RGB Backlit English Keyb					
19	555-BEPD		Qualcomm QCA61x4A 802.11ac Dual Band (2x					
19	555-BCMWW		QualcommA? QCA61x4A 802.11ac Dual Band (
19	575-BBYW		WLAN Bracket					
19	362-BBBB		No Mobile Broadband Card					

1	210-AOPT	1KFTG2	Dell Latitude 5420 Rugged, CTO	120 PRISON FARM RD	SHERIFFS OFFICE	VALDOSTA	GA	31601
1	210-AOPT	DMJFTG2	Dell Latitude 5420 Rugged, CTO	120 PRISON FARM RD	SHERIFFS OFFICE	VALDOSTA	GA	31601
1	210-AOPT	DJFTG2	Dell Latitude 5420 Rugged, CTO	120 PRISON FARM RD	SHERIFFS OFFICE	VALDOSTA	GA	31601
1	210-AOPT	9KFTG2	Dell Latitude 5420 Rugged, CTO	120 PRISON FARM RD	SHERIFFS OFFICE	VALDOSTA	GA	31601
1	210-AOPT	FKJFTG2	Dell Latitude 5420 Rugged, CTO	120 PRISON FARM RD	SHERIFFS OFFICE	VALDOSTA	GA	31601
48	379-BDHC		8th Gen Intel Core i5-8350U Processor (Q					
48	619-AHKN		Win 10 Pro 64 English, French, Spanish					
48	630-AAPK		No Productivity Software					
48	338-BPTK		Intel Core i5-8350U Processor Base with					
48	631-ABWH		No Out-of-Band Systems Management					
48	370-AEMM		16GB, 2x8GB, 2400MHz DDR4 Non-ECC					
48	400-BBTW		M.2 256GB PCIe NVMe Class 40 Solid State					
48	340-CKSZ		No Autopilot					
48	391-BDVP		14" FHD WVA (1920 x 1080) Embedded Touch					
48	319-BBFN		RGB Camera					
48	389-DOPP		SYSTEM RATING LABEL					
48	580-ABYR		Sealed Internal RGB Backlit English Keyb					
48	555-BEPD		Qualcomm QCA61x4A 802.11ac Dual Band (2x					
48	555-BCMW		QualcommA? QCA61x4A 802.11ac Dual Band (
48	575-BBYW		WLAN Bracket					
48	362-BBBB		No Mobile Broadband Card					
48	451-BCHG		3 Cell 51Whr ExpressCharge Capable Batte					
48	492-BCNQ		90 Watt AC Adapter					
48	346-BEVE		Dell Top Case and Palmrest without Secur					
48	590-TEYE		Dell USB, USB, AUDIO, BLANK left I/O module					
48	650-AAAM		No Anti-Virus Software					
48	620-AALW		OS-Windows Media Not Included					
48	325-BDEH		Dummy Airbay Cover					
48	590-TEYC		No Additional IO Ports					
48	430-XXYG		No Resource DVD / USB					
48	340-AIPV		TPM Enabled					
48	640-BBRG		System Driver, Dell Latitude 5420					
48	658-BCUV		Dell Developed Recovery Environment					

48	340-CHGB	Quick Reference Guide				
48	340-AGIN	Safety/Environment and Regulatory Guide				
48	332-1286	US Order				
48	328-BCXL	Shuttle SHIP Material				
48	340-CKTD	Directship Info Mod				
48	389-BEYY	Regulatory Label Included				
48	389-BDCE	No UPC Label				
48	537-BBBD	E5 Power Cord (US)				
48	389-CG8B	Intel(R) Core(TM) i5 Processor Label				
48	800-BBGF	BTO Standard shipment Air				
48	540-BCIH	Factory Installed Rigid handle tied sku				
96	340-ACCQQ	No Option Included				
48	387-BBNJ	Energy Star Certified				
48	808-6797	ProSupport Plus: Next Business Day Onsit				
48	808-6805	Dell Limited Hardware Warranty Initial Y				
48	808-6817	ProSupport Plus: Accidental Damage Servi				
48	808-6818	ProSupport Plus: Keep Your Hard Drive, 3				
48	808-6847	ProSupport Plus: 7x24 Technical Support,				
48	997-8367	Thank you for choosing Dell ProSupport P				
19-15147	483824644					
		Totals:	\$43,178.61	\$130,350.51		
		(excluding applicable taxes)				

\$30,933.93 \$93,385.44 120 PRISON FARM RD SHERIFFS OFFICE VALDOSTA GA 31601 0.33125

LOWNDES COUNTY, GA
Amortization Schedule
Schedule 811-6465612-005
Exhibit B

Payment #	Opening Balance	RENT	INTEREST	PRINCIPAL	Balance	PURCHASE PRICE
	\$ 130,350.51				\$ 129,047.00	
DLED*	\$ (1,303.51)					
1	\$ 129,047.00	\$ 43,178.61	\$ -	\$ 43,178.61	\$ 85,868.40	\$ 89,778.91
2	\$ 85,868.40	\$ 43,178.61	\$ 5,060.50	\$ 38,118.11	\$ 47,750.29	\$ 51,660.81
3	\$ 47,750.29	\$ 43,178.61	\$ 2,814.08	\$ 40,364.53	\$ 7,385.76	\$ 11,296.28
4	\$ 7,385.76	\$ 7,821.03	\$ 435.27	\$ 7,385.76	\$ (0.00)	\$ -

*DFS Lease Equipment Discount

LOWNDES COUNTY BOARD OF COMMISSIONERS
COMMISSION AGENDA ITEM

SUBJECT: Signing of Master Services Agreement (MSA) between IBM and Lowndes County.

Work Session/Regular Session

DATE OF MEETING: August 13, 2019

BUDGET IMPACT: \$20,516.00

FUNDING SOURCE:

- Annual
- Capital
- N/A
- SPLOST
- TSPLOST

COUNTY ACTION REQUESTED ON: Signing of Master Services Agreement (MSA) between IBM and Lowndes County.

HISTORY, FACTS AND ISSUES: IBM requested Lowndes County to enter into a Master Services Agreement (MSA) in order to purchase support for IBM infrastructure. This agreement covers the support services for the IBM hardware at our facility that is used for data storage.

OPTIONS: 1. Approve
2. Board's pleasure

RECOMMENDED ACTION: Approve

DEPARTMENT: ITS

DEPARTMENT HEAD: Aaron Kostyu

ADMINISTRATIVE COMMENTS AND RECOMMENDATIONS:



LOWNDES COUNTY
327 NORTH ASHLEY ST, VALDOSTA, GA 31601

Prepared by: Jon Ford
Phone: 404.432.9843

SERVICE LEVEL	TYPE	MODEL	DESCRIPTION	SERIAL NUMBER	QTY	START DATE	END DATE	PRICE
ONSITE REPAIR 24X7	2076	224	STORWIZE V7000 EXPANSION 24	0000REDL3	1	23-Jul-2019	22-Jul-2020	\$ 2,826.00
SWMA STORWIZE V7000 BASE - 9X5	2076	224	STORWIZE V7000 EXPANSION 24	0000REDL3	1	23-Jul-2019	22-Jul-2020	\$ 3,055.00
HMMA REESTABLISHMENT FEE	2076	224	STORWIZE V7000 EXPANSION 24	0000REDL3	1	23-Jul-2019	22-Jul-2020	\$ -
SWMA STORWIZE V7000 BASE ALF	2076	224	STORWIZE V7000 EXPANSION 24	0000REDL3	1	23-Jul-2019	22-Jul-2020	\$ 3,371.00
ONSITE REPAIR 24X7	2076	124	STORWIZE V7000 CONTROLLER 24	0000RELYG	1	23-Jul-2019	22-Jul-2020	\$ 4,838.00
SWMA STORWIZE V7000 BASE - 9X5	2076	124	STORWIZE V7000 CONTROLLER 24	0000RELYG	1	23-Jul-2019	22-Jul-2020	\$ 3,055.00
HMMA REESTABLISHMENT FEE	2076	124	STORWIZE V7000 CONTROLLER 24	0000RELYG	1	23-Jul-2019	22-Jul-2020	\$ -
SWMA STORWIZE V7000 BASE ALF	2076	124	STORWIZE V7000 CONTROLLER 24	0000RELYG	1	23-Jul-2019	22-Jul-2020	\$ 3,371.00

TOTAL RENEWAL PRICE:	\$ 20,516.00
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Payment terms: Cash Net thirty (30) days - Upon approval of credit.
Payments due in advance, subject to applicable sales and use tax.
If this purchase is tax exempt, please include a copy of your tax exemption certificate with your P.O.



1. Services

IBM will provide Services, as described in this Attachment and Statements of Work (SOW), Schedules, and Change Authorizations (collectively Transaction Documents or TDs), to support Client's Eligible Machines and Eligible Programs (collectively Eligible Products). This Attachment replaces all other previously accepted versions of this Attachment for the Client named in the signature block, as to new transactions and renewals dated after the effective date of this Attachment.

IBM will identify Eligible Products, Specified Locations (entire information processing environment, or a portion thereof, at multiple sites or a single building), applicable Services, and the contract period, in TDs.

Eligible Machines must meet IBM's safety and serviceability requirements. IBM reserves the right to inspect a Machine within one month from the start of Service. If the Machine is not in acceptable condition for Service, IBM will restore it for a charge or Client may withdraw its request for maintenance Service.

Machine Maintenance is Service to keep Machines in, or restore them to, conformance with their official published specifications, and does not cover:

- a. improperly maintained or damaged Machines, Machines with altered identification labels, alterations, accessories;
- b. supply items, consumables (such as batteries and printer cartridges), structural parts (such as frames and covers), or failures caused by a product for which IBM is not responsible;
- c. Machine installation, engineering change activity, or preventive maintenance; or
- d. service of features, parts, or devices not supplied by the Machine's manufacturer, or IBM during the performance of Service.

IBM does not warrant uninterrupted or error-free operation or that IBM will correct all defects or prevent third party disruptions or unauthorized third party access.

IBM may use tools, owned or licensed by IBM, in the performance of the Service (IBM Tools). IBM continuously develops and utilizes new IBM Tools and capabilities for the purpose of providing remote and on-site problem determination and resolution support to IBM Clients. Some IBM Tools (e.g., an application (App)), are used by on site technicians to capture images of the Machine and transmit the images to a remote IBM Subject Matter Expert with a goal of faster and more cost effective repair and one-visit resolution of complex issues. Unless licensed in writing by IBM, Client has no right to access, retain, copy, or use the IBM Tools and no Client license or intellectual property right is granted or implied by the use of the IBM Tools used in connection with performance of the Services. IBM Tools are subject to the terms associated with them. IBM Tools are not warranted. If applicable, upon completion of the Service Client agrees to cease use of, uninstall and remove the IBM Tools from Client's Eligible Machines and facilities.

For acquisitions through an IBM Business Partner (BP) authorized to resell IBM Services, the BP establishes the price and general business terms at which they market IBM Services and communicates the terms for each BP transaction directly to Client. However, IBM establishes the terms of each Service IBM provides and will provide the Services as described in this Attachment and applicable TD. Whenever a party is required to provide notification to the other, each agrees to notify the applicable BP.

If a BP that Client has contracted through is no longer able to offer IBM Services, IBM will notify Client in writing. Client may continue to receive the Services by instructing IBM in writing to transfer administration of the Services to 1) another BP of Client's choice approved to offer IBM Services, or 2) IBM under a standard direct relationship where IBM invoices Client.

1.1 Warranty Service Upgrade (WSU)

During the warranty period for certain Eligible Machines, Client may select an upgrade to the standard warranty. WSU may not be terminated or transferred during the warranty period. When the warranty period ends, the Machine is added to maintenance at the Type of Service selected for WSU.

1.2 Maintenance of IBM Machines

IBM will provide maintenance of Eligible IBM Machines specified in the Schedule.

IBM may provide an exchange replacement for installation by Client. Replacements may be i) a part of a Machine (called a Client Replaceable Unit (CRU), e.g., keyboard, memory, or hard disk drive), or ii) an entire Machine. When a return is required, Client is charged for the replacement if IBM does not receive the replaced part within 15 calendar days of Client's receipt of the replacement. Client may request that IBM install the replacement as a billable installation.

1.2.1 Hardware Support Extension

After IBM has announced End of Service for specified Machines, IBM may offer limited support, to include remote assistance, from IBM's support center or via electronic access, and on-site assistance, in response to Client requests for hardware support on the specified Machines that have reached End of Service (Hardware Support Extension). IBM neither warrants i) uninterrupted or error-free operation of this IBM Service or Machines covered hereunder; nor ii) that IBM will correct all defects or prevent third party disruptions or unauthorized third party access to the Machines. On-site repair is subject to the availability of repair parts and skilled resources and does not include repairs that require Software, Engineering, or Development Support. The covered eligible Machines, Contract Period (the HW Support Extension Effective Date to the HW Support Extension End Date), locations, options selected, and charges, all as applicable, are specified in the applicable Schedule. Newly added Machines are reflected in separate Schedules.

IBM will:

- a. provide remote technical support for problem determination (PD) and problem source identification (PSI);

- b. provide on-site technical resources, if necessary, for hardware defect resolution (for example, but not limited to, the exchange of field replaceable units (FRUs), provided that the parts are generally commercially available); and
- c. determine if an applicable resolution exists, which may include existing patches or workarounds for Client installation.

For the avoidance of doubt, IBM's responsibilities under Hardware Support Extension do not include any: (1) preventive service; (2) support for newly reported defects or previously reported or known defects for which no updates, patches, or fixes were created; (3) engineering change management; or (4) development of any new machine code updates, patches, or fixes (including those designed to address security). IBM publishes its responses to security vulnerabilities at its PSIRT blog found here: <https://www.ibm.com/blogs/psirt/>

1.3 Maintenance of Non-IBM Machines

IBM will provide repair Service for the manufacturer's base configuration for each covered model of Eligible non-IBM Machines specified in the Schedule.

Repair of non-IBM Machines is subject to the availability of parts and technical support required of the manufacturer. Repair parts will be functionally equivalent to those replaced, may be new or used, and may have been manufactured by other than the original manufacturer. Upon written notice, IBM may terminate coverage for an Eligible non-IBM Machine due to lack of available repair parts or manufacturer technical support.

1.3.1 Multiple Vendor Service

IBM provides maintenance support and repair coordination of maintenance activities for Machines in a multi-vendor environment (Multiple Vendor Service or MVS). For repair coordination, Client must notify service providers that IBM will be placing the requests for service. IBM then places warranty or maintenance calls with service providers on Client's behalf, and remains responsible for coordinating maintenance activities and problem resolution until resolved.

Notwithstanding other terms of this Attachment:

- a. Charges are based on MVS Inventory. IBM will adjust the monthly charges when the inventory changes;
- b. MVS Services do not automatically renew. Additions or renewals are documented in a new MVS Inventory List with the new inventory, period, and applicable charges; and
- c. Client commits to continue MVS for the specified transaction contract period. Neither party may terminate MVS during the first 12 months (the Minimum Period). Thereafter, a party may terminate upon three months' written notice.

1.4 IBM Software Maintenance

IBM provides software maintenance for Eligible Programs for which Client is licensed. IBM makes available the most current commercially available version, release, or update to all of the Eligible Programs for which Client acquires support in the specified operating environment, as made available. Information to order versions, releases or updates is found at <http://www-05.ibm.com/servers/eserver/ess/OpenServlet.wss> then select the Entitled Software Update (ESU) screen tab.

Eligible Programs are listed at www.ibm.com/services/supline/products/ or may be obtained from Client's IBM representative. The listing of Eligible Programs contains the last date of service for each respective release. IBM supports only current releases of Eligible Programs. It is Client's responsibility to ensure that its Eligible Programs are current when requesting Service.

IBM provides assistance for Client's a) routine, short-duration installation and usage (how-to) questions and b) code defect-related questions.

IBM provides assistance via telephone and, if available, electronic access, only to Client's Information Systems (IS) technical support personnel. This assistance is not available to Client's end users. IBM provides Severity 1 assistance 24 hours a day, every day of the year. Consult the IBM Software Support Guide at <http://www14.software.ibm.com/webapp/set2/sas/ff/handbook/home.html> for details. A 24x7 (every day of the year) all-severity option may be available for an extra charge.*

Service is provided solely for Eligible Programs that are located within the United States (USA). For calls that originate from outside of the USA: a) toll free telephone access is not available, b) "local time zone" is defined as the time zone where Client's USA Eligible Programs are installed, Monday through Friday (excluding national holidays), c) replies or other return communication to the caller will be via a USA telephone number provided by Client or electronic means only, d) software "traps" or other tools that may be necessary to diagnose problems will be sent only to the USA Eligible Programs location, e) the diagnosis and repair of data encryption will be discussed only with personnel at the USA Eligible Programs location, and f) all support will be provided in the English language only.

1.4.1 Software Maintenance After License Fee

Software Maintenance After License Fee (ALF) is a one-time charge to resume Software Maintenance if coverage lapsed due to non-renewal or termination. The new support period begins on the date that IBM accepts Client's order.

1.5 Support via USA Citizens Option

As available for selected Eligible Products and Services, Client may purchase IBM Support via USA Citizens for software or hardware in addition to maintenance. This feature provides standard IBM remote hardware and software support delivered and managed exclusively by USA Citizens located in the continental USA. IBM Support via USA Citizens is available via voice support, during prime shift only, for software. Hardware support is 24x7. Each time Client calls IBM, this process is engaged only after Client identifies itself as a Support via USA Citizens Client and IBM verifies Client's entitlement. Client's hardware error data for analysis and call data will be managed by USA Citizens only.

1.6 Machine Control Program Remote Support

Remote Support Service is provided only for Machine Control Programs (MCP), meaning code delivered with an IBM Machine that executes below the external user interface (e.g., implemented in a part of storage that is not addressable by user programs). IBM will provide remote assistance (via telephone from IBM's support center or via electronic access) in response to Client's routine installation, configuration, and usage (how-to) questions pertaining to MCPs on covered IBM Machines, during normal business hours (8:00 a.m. to 5:00 p.m. in the local time zone where Client receives Service, Monday through Friday, excluding national holidays). For an additional charge*, Client may upgrade hours of coverage to 24x7.

2. Client Responsibilities

Client agrees:

- a. to provide IBM with the inventory of Eligible Products to be covered at each Specified Location and to notify IBM of inventory changes, utilizing the specified tools or systems to provide such written notice;
- b. that all Client notices must be in writing and received by IBM 60 days prior to the effective date of a change, unless otherwise specified;
- c. to limit use of any access codes to electronic diagnostic tools, information databases, or other Service delivery facilities to those authorized to use them under Client's control and only in support of Eligible Products and Services identified in TDs;
- d. to provide IBM with necessary information requested, and keep such information current;
- e. to allow remote access to Client's system to assist in isolating the problem cause. Client remains responsible for adequately protecting its system and all data contained therein whenever IBM remotely accesses it. If Client denies remote access to its system by IBM, IBM may be limited in its ability to resolve the problem. If IBM is unable to resolve the problem without access, IBM will notify Client and close the service call;
- f. that some Services may require the installation and use of remote connectivity tools and equipment for direct problem reporting, remote problem determination and resolution. Any third party communications or connectivity charges are Client's responsibility;
- g. to use the information obtained under these Services only for the support of the information processing requirements within Client's Enterprise;
- h. to securely erase all non-IBM programs and all data (including confidential, proprietary and personal data regarding any individual or entity) from any Machine or part of a Machine returned to IBM for any reason and ensure that it is free of any legal restrictions that would prevent its return;
- i. that, to perform its responsibilities, IBM may ship all or part of the Machine or its software to other IBM or third party locations around the world;
- j. that Client is responsible for obtaining all necessary permissions to use, provide, store and process content in connection with Services, and grants IBM permission to do the same. Client is responsible for adequate content back-up. Some of Client's content may be subject to governmental regulation or may require security measures beyond those specified by IBM for an offering. Client will not input or provide such content unless IBM has first agreed in writing to implement additional required security measures;
- k. that Services may be performed on-site at Client's Specified Locations and off-site at IBM locations, and that IBM uses global resources (non-permanent residents used locally and personnel in locations worldwide) for delivery of Services;
- l. that the terms of the Machine Code License (provided at: http://www-947.ibm.com/systems/support/machine_warranties/support_by_product.html) apply to Eligible IBM Machines and all Machine Code and Machine Code updates on such Eligible IBM Machines;
- m. to follow the service request procedures that IBM provides, to include installing entitled Machine Code and other software updates (downloaded from an IBM web site or copied from other electronic media), and to follow IBM's (or manufacturer's) guidelines pertaining to operator responsibilities, maintenance procedures, and supplies, prior to placing a Service request;
- n. that, with respect to Services under this Attachment, the parties agree to look to their own risk management (including insurance) to cover damage, destruction, loss, theft, or government taking (collectively, Loss) of their respective tangible property (whether owned or leased), and neither party shall be liable to the other for such Loss except liability for negligence under applicable law;
- o. that Client cannot resell Services or transfer Services to another Machine; and
- p. that IBM and its affiliates, and their contractors and subprocessors, may, wherever they do business, store and otherwise process business contact information (BCI) of Client, its personnel and authorized users, for example name, business telephone, address, email and user IDs for business dealings with them. Where notice to or consent by the individuals is required for such processing, Client will notify and obtain such consent.

3. Automatic Inventory Increase for Machine and Software Maintenance Services

If Client selects the Automatic Inventory Increase Option, IBM will automatically increase the inventory count and associated Services at Specified Locations. The following terms apply. Upon request, each party will provide reasonable cooperation to the other in updating the last formal inventory.

OPTION #1 - MACHINE MAINTENANCE SERVICES

If the Machine is under warranty when added, Services will commence at warranty exit. If the Machine is not under warranty when added, Services will commence at the later of a) the date of installation or b) the previous yearly anniversary of the start of the transaction contract period. IBM Machines specifically excluded from coverage at transaction contract period start remain outside the scope of this section unless Client requests IBM add them during the transaction contract period. Services are the same as for all other Machines of the same type at the Specified Location.

Newly installed IBM Machines of the same type as WSU are added at date of actual installation and covered at the same WSU support level.

OPTION #2 - SOFTWARE SERVICES

IBM will increase the inventory count and associated Services when an Eligible Program licensed for use on an Eligible IBM Machine is added to the inventory. Applicable Services are the same as for other copies of the Program licensed for use on Eligible IBM Machines of the same type at the Specified Location.

Services will commence immediately upon addition of the Eligible Program to the inventory (After License Fees may apply), except if the Program is covered under the Agreement for Acquisition of Software Maintenance when added to the inventory, then Services via ServiceElite will commence at the end of that support period.

4. Charges

For each transaction, Total services charges are adjusted when:

- a. a review of the inventory count indicates a change from the last accounting; or
- b. a Specified Location is affected by a change that results in additional charges (e.g., a change in tax rates), Eligible Machine type, or Service is added, deleted, or changed.

For Sales through IBM, charges are based on Service selections, price protection option, payment option, and any prepay period. Renewal charges are calculated at the start of each renewal period.

For Sales through an IBM BP, the IBM BP sets the charges and charges terms. The IBM BP may impose an additional charge for some actions (e.g., termination), or for IBM's provision of some additional services (e.g., Service upgrades) as identified in this Attachment and its associated TD's with an asterisk ("**"). Check with the IBM BP regarding asterisked terms to determine if you will incur an additional charge or may be entitled to a credit or refund. Payment is made directly to the IBM BP.

4.1 Price Protection

For each transaction package, Client selects one of the following Price Protection Options. Client's selection is specified in the Schedule for that transaction.

OPTION #1 ANNUAL - PRICE PROTECTION DURING EACH TRANSACTION CONTRACT YEAR ONLY

IBM may revise charges, however any rate increase will not take effect until the next yearly anniversary of the start of the transaction contract period. At the start of each transaction contract year, Client is invoiced at the charge rates that are then in effect and that invoice will serve as Client's notice of changes. Newly added Eligible Products and Services and changes to configurations and Services assume the charge rate that applied at the previous yearly anniversary of the transaction contract period. Eligible Products and Services that become generally available during the transaction contract period are added at the charge rate that applied on their initial availability date.

OPTION #2 FULL - PRICE PROTECTION FOR ENTIRE TRANSACTION CONTRACT PERIOD, INCLUDES PROTECTION FOR NEWLY ADDED MACHINE TYPES

For the transaction contract period, charges for included Eligible Product configurations and Services do not increase. Newly added Eligible Products and Services and changes to existing Eligible Product configurations and Services assume the charge rate that applied at the transaction contract period start. Eligible Products and Services that become generally available during the transaction contract period are added at the charge rate that applied on their initial availability date. Client receives the benefit of a decrease in applicable charges for amounts that become due on or after the effective date of the decrease.

OPTION #3 PREPAY - PRICE PROTECTION FOR ENTIRE TRANSACTION CONTRACT PERIOD PREPAY

Prepaid Services are not subject to increases in charges (during the prepaid period) for included Eligible Product configurations and Services. Newly added Eligible Products and Services and changes to existing Eligible Product configurations and Services assume the charge rate that applied for these at transaction contract period start, with adjustment for the reduced prepay period. Eligible Products and Services that become generally available during the transaction contract period assume the charge rate that applied at transaction contract period start, with adjustment for the reduced prepay period. If Client elects to have these charge terms apply for charges during any renewal transaction contract period (as recalculated at the start of each renewal period), Client must provide IBM written notification (at least one month prior to the start of the renewal period), and prepayment for the entire renewal period. Otherwise, charges for the renewal period will revert to a quarterly billing cycle under the terms set out for Option #1 above.

4.2 Re-establishment Fee

If Client's warranty or maintenance Service coverage for a Machine lapses by 90 days or more, and Client subsequently requests to restart Services, a re-establishment fee applies based on the number of days of lapsed coverage, up to 365 days of the applicable Service fees for the Machines.

5. Renewal

Services automatically renew unless a party elects not to renew. The Renewal Contract Period specifies the number of years (0 means no renewal elected) for which Services will renew, unless IBM receives nonrenewal notice 30 days prior to the end of contract period. Services will then terminate at the end of the current transaction contract period.

To avoid termination at contract period end date, if Client requires a Purchase Order (PO), IBM must receive the PO at least 30 days prior to the contract period end date.

6. Withdrawal of Service or Support, Change of Support Level

IBM may withdraw a Service or support for an eligible Product on three months' written notice.

For some Products, instead of withdrawing all support for those Products, IBM will withdraw only engineering and development support and continue to provide limited support for known defects (Change of Support Level). Unless otherwise specified in the Change of Support Level notice, IBM will continue to:

- a. provide remote technical support for problem determination (PD) and problem source identification (PSI);
- b. provide on-site technical resources, if necessary, for hardware defect resolution (for example, but not limited to, the exchange of field replaceable units (FRUs), provided that the parts are generally commercially available); and
- c. determine if an applicable resolution exists, which may include existing patches or workarounds for Client installation.

Beginning on the effective date in the notice, IBM's responsibilities will no longer include any: (1) preventive service; (2) support for newly reported defects or previously reported or known defects for which no updates, patches, or fixes were created; (3) engineering change management; or (4)

development of any new machine code updates, patches, or fixes (including those designed to address security). IBM publishes its responses to security vulnerabilities at its PSIRT blog found here: <https://www.ibm.com/blogs/psirt/>

Affected Products will be covered under the new support level on the effective date in the notice (Effective Date), unless Client notifies IBM in writing of Client's intent to terminate coverage before the Effective Date.

7. Termination

One of the following termination provisions will apply based on the length of the transaction contract period specified in the Schedule.

PROVISION #1 - ONE YEAR TRANSACTION CONTRACT PERIOD

Client may terminate Services for an Eligible Product on 60 days' written notice to IBM, if Client permanently removes the Eligible Machine from productive use within Client's Enterprise. Otherwise, Services must be under contract for at least one year. If Client selects automatic renewals, Client may terminate Services after the first full year of Service by providing IBM 60 days' written notice prior to the end of Client's first year of Service. Client will receive a credit for any remaining prepaid period associated with Services terminated in accordance with this provision.* Client may also terminate Services by providing IBM 60 days' written notice, after the Services have been under contract for at least one year. Client will receive a credit for any remaining prepaid period associated with Services terminated in accordance with this provision.*

PROVISION #2 - MULTI-YEAR TRANSACTION CONTRACT PERIOD

Client has committed to continue Services for the entire transaction contract period. However, Client may terminate Services for an Eligible Product, on 60 days' written notice to IBM, if Client permanently removes the Eligible Machine from productive use within Client's Enterprise. Otherwise, if Client chooses to terminate Services not being replaced by equivalent Services after the first year, Client may do so by providing IBM 60 days' written notice and paying an adjustment fee equal to one month's charges for each year in the Transaction Contract Period.* After allowing for applicable adjustments, Client will receive a credit for any remaining prepaid period associated with Services Client terminates in accordance with this provision.*

8. Data Processing Protection

IBM's Data Processing Addendum (DPA) at <http://ibm.com/dpa> and the DPA Exhibit at <https://www.ibm.com/mysupport/s/article/support-privacy> apply and supplement the Agreement, if and to the extent the European General Data Protection Regulation (EU/2016/679) applies to Client Personal Data, as described in the DPA.

This 1) Attachment, 2) applicable Transaction Documents, and 3) the Agreement identified below comprise the complete agreement regarding the Services and replace any prior oral or written communications between Client and IBM. Each party accepts the terms of this Attachment by signing this Attachment (or another document that incorporates it by reference) by hand or, where recognized by law, electronically.

As used in this Attachment and its applicable Transaction Documents, "Client", "Customer", "you" and "your" refer to the contracting entity identified below.

Agreed to:

LOWNDES COUNTY (Client)

By

Authorized signature

Name (type or print):

Date:

Enterprise number: 05337303

Client address:

LOWNDES COUNTY
327 NORTH ASHLEY ST
VALDOSTA GA 31601-5504

Agreed to:

International Business Machines Corporation (IBM)

By

Authorized signature

Name (type or print):

Date:

Reference Agreement number:
Attachment number: MAW6QB8

IBM address:

IBM CORPORATION
6303 BARFIELD RD NE
ATLANTA, GA 30328-4233

LOWNDES COUNTY BOARD OF COMMISSIONERS
COMMISSION AGENDA ITEM

SUBJECT: Annual Contract Renewal for Mosquito Identification and Testing

Work Session/Regular Session

DATE OF MEETING: August 13, 2019

BUDGET IMPACT: \$45,790.00

FUNDING SOURCE:

- Annual
- Capital
- N/A
- SPLOST
- TSPLOST

COUNTY ACTION REQUESTED ON: Annual Contract Renewal for Mosquito Identification and Testing

HISTORY, FACTS AND ISSUES: The current contract with Valdosta State University is up for renewal. The contract services include trapping, identification and testing of mosquitoes. The data collected will be used by Lowndes County to help reduce the risk of mosquito borne diseases.

- OPTIONS: 1. Approve
2. Board's pleasure

RECOMMENDED ACTION: Approve

DEPARTMENT: Public Works

DEPARTMENT HEAD: Robin Cumbus

ADMINISTRATIVE COMMENTS AND RECOMMENDATIONS:

**FIXED PRICE AGREEMENT
BETWEEN
THE BOARD OF COMMISSIONERS
OF LOWNDES COUNTY, GEORGIA
AND
THE BOARD OF REGENTS OF THE UNIVERSITY SYSTEM OF GEORGIA
BY AND ON BEHALF OF
VALDOSTA STATE UNIVERSITY**

THIS AGREEMENT, hereinafter referred to as **"Agreement,"** is made as of the 1st day of July, 2019 by and between THE BOARD OF COMMISSIONERS OF LOWNDES COUNTY, GEORGIA, (hereafter referred to as the "County") and the BOARD OF REGENTS OF THE UNIVERSITY SYSTEM OF GEORGIA by and on behalf of VALDOSTA STATE UNIVERSITY (hereinafter referred to as "VSU").

WHEREAS, VSU possesses certain knowledge, skill, and expertise to perform certain functions and services regarding collection and identification of mosquitos and transmitting of samples of collected mosquitos to a laboratory for further analysis (the "Services"); and

WHEREAS, County desires to have VSU perform such Services;

NOW THEREFORE, in consideration of the mutual agreements and covenants hereinafter set forth, and for other good and valuable consideration, the receipt, adequacy, and sufficiency of which are hereby acknowledged, the parties do hereby covenant and agree as follows:

Section 1. Statement of Work: VSU shall perform the services outlined in Attachment 1. Statement of Work (hereinafter referred to as "Project"). Mark S. Blackmore, Ph.D. (mblackmo@valdosta.edu), Professor of Biology, shall serve as Project Director and shall not be replaced by VSU without prior written approval of County. The Project Director shall have primary responsibility for performance of the Services and supervision of qualified VSU faculty and students assisting the Project Director in performing the Services. The Project Director shall be the primary contact at VSU for the Services and this Agreement.

Section 2. Term of Agreement: This Agreement shall commence on July 1, 2019, and shall terminate on June 30, 2020. This Agreement may be extended for additional periods upon written agreement of the parties.

Section 3. Compensation: This is a fixed price agreement. County shall compensate VSU for Services provided in the amount of \$45,790.00. VSU will invoice County in accordance with the Fee Schedule outlined in Attachment 1. County will pay invoices in U.S. dollars within thirty (30) days of receipt in accordance with invoice instructions. Bank charges for processing payments by credit card or wire transfer are not included in this Agreement and will be billed to County as an additional cost.

Section 4. City Agreement: The parties acknowledge that VSU is also rendering services substantially similar to those hereunder to the City of Valdosta, Georgia, (hereinafter referred to as "City") under separate agreement. VSU may share the results of the Services hereunder with the City if the substantially similar results of the services rendered to the City are likewise shared with the County.

Section 5. Disclaimer of Warranty: County acknowledges that VSU is an academic institution and, as such, may utilize collection, analytical, and/or other scientific methods that have not been accepted by standard setting organizations or certified by governmental agencies; provided, however, VSU shall endeavor to only use collection, analytical, and/or scientific methods reasonably designed to result in the information for which the

County has engaged VSU. RESULTS, REPORTS, DATA, AND DELIVERABLES ARE PROVIDED TO COUNTY, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. VSU SHALL NOT BE LIABLE FOR ANY INDIRECT, CONSEQUENTIAL, OR SPECIAL DAMAGES SUFFERED BY COUNTY AS A RESULT OF COUNTY'S USE OF PROJECT RESULTS, REPORTS, DATA, OR DELIVERABLES.

Section 6. Liability: Each party will be responsible for any injury or property damage caused by negligence or other wrongful act or omission of its own employees, agents or independent contractors acting within the scope of employment and subject to such limitations as may be prescribed by applicable laws. Any liability of VSU will be governed by the laws of the State of Georgia, including but not limited to the Georgia Tort Claims Act and Georgia Workers' Compensation Act. Any liability of the County will be governed by the laws of the State of Georgia, including but not limited to the Georgia Constitution and Georgia Workers' Compensation Act.

Section 7. Title to Equipment, Supplies, and Materials: VSU shall retain title to any equipment, supplies, and materials purchased for use under this Agreement.

Section 8. Rights in Data: Ownership of results, reports, data, and other deliverables developed under this Agreement shall vest with the County. The County hereby grants to VSU a non-exclusive, royalty free, irrevocable license to use such results, reports, data, and other deliverables to fulfill its mission.

Section 9. Intellectual Property: Title to any invention or discovery made by VSU personnel during the fulfillment of this Agreement shall vest with VSU, with County having first right to obtain a license under reasonable terms and conditions.

Section 10. Publicity: Neither party will use the name of the other party in any publicity, advertising, nor news release without the prior written consent of the other which consent will not be unreasonably withheld, conditioned or delayed.

Section 11. Independent Contractor: For the purposes of this Agreement, VSU is an independent contractor. Neither VSU nor any of its agents, servants, or employees shall become or be deemed to become agents, servants, or employees of County. VSU and all such agents, servants, and employees shall for all purposes be deemed to be employees of the State of Georgia, and this Agreement shall not be construed so as to create a partnership or joint venture between County and the State of Georgia or any of its agencies.

Section 12. Modification of Agreement: County may, from time to time, require changes in the Statement of Work to be performed by VSU hereunder. Such changes, including any increase or decrease in the amount of VSU's compensation or time of performance, which are mutually agreed upon by the parties shall be incorporated by written amendment to this Agreement. Attachments 1 and 2 attached hereto are a part of this Agreement; other attachments shall not have any bearing on the responsibilities or liabilities of either party unless signed by both parties and specific reference is made to such attachments within the provisions of this Agreement.

Section 13. Termination: Should a party breach or violate this Agreement, the non-breaching party may terminate this Agreement upon thirty (30) days written notice specifying such breach or violation in reasonable detail to the breaching party should such breaching party not cure such breach or violation within such thirty (30) day period. In the event that this Agreement is terminated and, at the time of termination, VSU has rendered a portion of the Services for which it has not been paid, County shall reimburse VSU for such Services on a fair and equitable basis.

Section 14. Notices: All notices under this Agreement shall be deemed duly given, upon delivery, if delivered by hand or by electronic means, or three business days after posting, if sent by postage prepaid, Registered or Certified Mail, Return Receipt Requested, to an address set forth below:

COUNTY:

Name: Joseph D. Pritchard
Title: County Manager
Address: 327 N. Ashley Street
3rd Floor
Valdosta, GA 31601

Phone: 229-671-2440
FAX:
eMail: cmanager@lowndescounty.com

VSU:

Name: Elizabeth (Ann) W. Olphie
Title: Director
Address: Office of Sponsored Programs &
Research Administration
Valdosta State University
1500 North Patterson Street
Valdosta, GA 31698

Phone: 229-333-7837
FAX: 229-245-3853
eMail: ewolphie@valdosta.edu

Section 15. Applicable Law: This Agreement shall be governed by the laws of the State of Georgia.

Section 16. Entire Agreement: This agreement constitutes the entire agreement between the parties with respect to the subject matter; all prior agreements, representations, statements, negotiations and undertakings are superseded hereby.

Section 17. Amendment or Waiver: This Agreement may not be changed, waived, terminated (except as otherwise specified in Section 13), or discharged except in a writing signed by all parties hereto. No delay or omission by any party in exercising any right with respect hereto shall operate as a waiver. A waiver on any one occasion shall not be construed as a bar to, or waiver of, any right or remedy on any future occasion.

Section 18. Assignment: No party hereto may assign all or any part of its rights or obligations under this Agreement without the prior written consent of the other party hereto; nor may any party subcontract any of its obligations or performance under this Agreement to any third party(ies) without the prior written consent of the other party hereto.

Section 19. Time of the Essence: Time is of the essence with respect to all provisions of this Agreement.

Section 20. Georgia Security and Immigration Compliance Act of 2006: The attached Attachment 2, "Contract Addendum – Georgia Security and Immigration Compliance Act of 2006," is an integral part of this Agreement, and the terms and conditions of which shall be performed and carried out by the parties as its terms provide.

IN WITNESS WHEREOF, the parties hereto have executed and signed this Agreement:

FOR COUNTY:

FOR VSU:

Signature

Date

Signature

Date

Name: Bill Slaughter
Title: Chairman

Name: Dr. Robert Smith
Title: Provost & VP for Academic Affairs

Approved as to form
Valdosta State University
Office of Legal Affairs
E. Lee Davis, Chief Legal Affairs Officer
2019.06.10

Attachment 1

Statement of Work:

VSU will provide the following services:

1. Sample adult mosquito populations at seven (7) permanent locations (specified below) in unincorporated Lowndes County. Mosquitoes will be trapped three nights per week for approximately 35 weeks during the period of the contract.
2. Identify genus and species of mosquitoes collected from all locations.
3. Assay subsamples for mosquito-borne viruses. Virus isolation and identification will be carried out by the Southeastern Cooperative Wildlife Disease Survey (SCWDS), University of Georgia, and College of Veterinary Medicine. County will be notified immediately when viruses of public health concern are detected. Will process and ship approximately 800 mosquito samples based upon scientifically sound methodology for monitoring mosquito propagations and infection rates in unincorporated Lowndes County. When and where practical sampling will be divided evenly among the seven (7) locations.

Locations:

1. 1411 New Statenville Hwy, Valdosta
2. 4511 Briggston Rd., Valdosta
3. 3336 Brown Rd., Valdosta
4. 2781 Old Clyattville Rd., Valdosta
5. 4990 Hammock Tr., Lake Park
6. 410 East Main St., Hahira
7. 3215 Woodmen Cir., Valdosta

Deliverables:

VSU will provide written reports to Lowndes County and the Southern Georgia Regional Commission (SGRC) for GIS mapping no more frequently than weekly and no less frequently than every two weeks. Reports will summarize weekly mosquito counts and genus/species by location and will include results of virus testing as they become available from SCWDS.

Payment Schedule: Total Project Cost: \$ 45,790.00

<u>Service Dates</u>	<u>Est. Invoice Date</u>	<u>Amount Due</u>
July 1 – September 30, 2019	October 15, 2019	\$ 11,447.50
October 1 – December 31, 2019	January 15, 2020	\$ 11,447.50
January 1 – March 31, 2020	April 15, 2020	\$ 11,447.50
April 1 – June 30, 2020	June 15, 2020	\$ 11,447.50

Terms:
Net 30 days

Contractor Affidavit under O.C.G.A. § 13-10-91(b)(1)

Name of Employer: The Board of Regents of the University System of Georgia by and on behalf of Valdosta State University

Contractor's Name: Lowndes County Board of Commissioners


Contract Description: West Nile Virus – Dr. Mark Blackmore

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. 13-10-91, stating affirmatively that the individual, firm, or corporation which is engaged in the physical performance of services on behalf of the **Board of Regents of the University System of Georgia by and on behalf of Valdosta State University** has registered with, and is authorized to use and uses the federal work authorization program commonly known as E-verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. §13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.G.A. 13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User ID Number: 73397

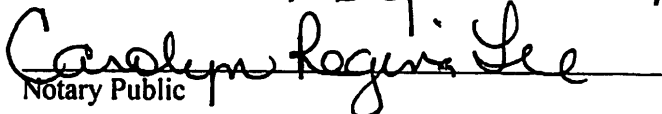
Date of Authorization: 12/12/2007

Contractor's Authorized Agent: Jeanine Boddie-La Van

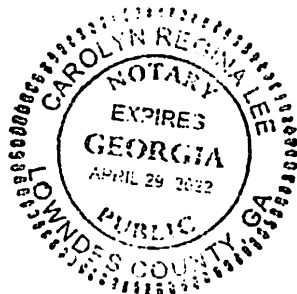

Signature
Title of Authorized Agent: Director/Chief HR Officer

SUBSCRIBED AND SWORN
BEFORE ME ON THIS THE

14 DAY OF May, 2019


Notary Public

My Commission Expires:
April 29, 2022



LOWNDES COUNTY BOARD OF COMMISSIONERS
COMMISSION AGENDA ITEM

SUBJECT: Howell Lane R/W Property Just Compensation

Work Session/Regular Session

DATE OF MEETING: August 13, 2019

BUDGET IMPACT: \$1,489.00

FUNDING SOURCE:

- Annual
- Capital
- N/A
- SPLOST
- TSPLOST

COUNTY ACTION REQUESTED ON: Howell Lane R/W Property Just Compensation

HISTORY, FACTS AND ISSUES: The County needs to acquire 0.05+/- acres of real property along Howell Lane for road right of way as described on the attached plat. The Commission must determine the "just compensation" purchase price to offer Cecelia Carr, the owner of the property. Bajalia & Associates, LLC's appraised value for the property is \$1,489.00. The Commission needs to adopt the attached proposed resolution finding the just compensation for the property equals the appraised value and regarding the County acquiring the property.

OPTIONS: 1. Approve the attached resolution determining the just compensation for the R/W property and regarding the County acquiring the property.

2. Redirect

RECOMMENDED ACTION: Approve

DEPARTMENT: Engineering

DEPARTMENT HEAD: Mike Fletcher

ADMINISTRATIVE COMMENTS AND RECOMMENDATIONS:

RESOLUTION

A RESOLUTION OF THE BOARD OF COMMISSIONERS OF LOWNDES COUNTY SITTING AS THE GOVERNING AUTHORITY OF LOWNDES COUNTY FOR THE PURPOSE OF ESTABLISHING THE AMOUNT IT BELIEVES TO BE JUST COMPENSATION FOR THE ACQUISITION OF CERTAIN REAL PROPERTY ALONG HOWELL LANE, LOWNDES COUNTY, GA, FOR RIGHT OF WAY AND OTHER PUBLIC PURPOSES AND TO AUTHORIZE AND APPROVE THE ACQUISITION OF SUCH REAL PROPERTY.

WHEREAS, the Board of Commissioners seeks to acquire for right of way and other public purposes 0.05+/- acres of real property along Howell Lane, Lowndes County, Georgia which property is described on the attached plat of "County Road Right-of-Way for: Howell Lane" (the "Property") through, if at all reasonably possible, negotiations and agreement between the County and the owner of the Property;

WHEREAS, as required by O.C.G.A. §22-1-9(2), before initiating negotiations with the Property's owner, Cecelia Carr, for its acquisition, the Board of Commissioners has had an independent appraisal of the Property performed by Bajalia & Associates, LLC (the "Appraisal") which Appraisal finds the Property has a value of \$1,469.00 (the "Appraised Value");

WHEREAS, as required by O.C.G.A. §22-1-9(3), before initiating negotiations to acquire the Property, the Board of Commissioners wishes first to establish the amount which it believes to be just compensation for the Property;

WHEREAS, as also required by O.C.G.A. §22-1-9(3), the Board of Commissioners once it has established an amount which it believes to be just compensation for the Property desires to then make a written offer to acquire the Property for the full amount of such just compensation;

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners of Lowndes County, that after review of the Appraisal and discussion, the Board of Commissioners finds that just compensation to the owner of the Property for its acquisition by the Board of Commissioners to be \$1,469.00; and

BE IT FURTHER RESOLVED, that the County Manager or his designee and/or the Office of the County Attorney shall on behalf of the Board of Commissioners make a written offer to the owner of the Property, Cecelia Carr, to acquire the Property for \$1,469.00, and to further otherwise undertake every reasonable effort to lawfully acquire the Property expeditiously by negotiation, agreement, and purchase for an amount no less than such amount; and

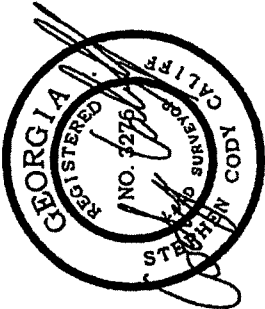
BE IT FURTHER RESOLVED, that the County Manager or his designee and/or the Office of the County Attorney shall on behalf of the Board of Commissioners take such other and further actions in making every reasonable effort to lawfully acquire, and to so acquire, the Property expeditiously by negotiation, agreement, and purchase.

IT IS SO RESOLVED, this _____ day of _____, 2019.

BOARD OF COMMISSIONERS OF LOWNDES COUNTY

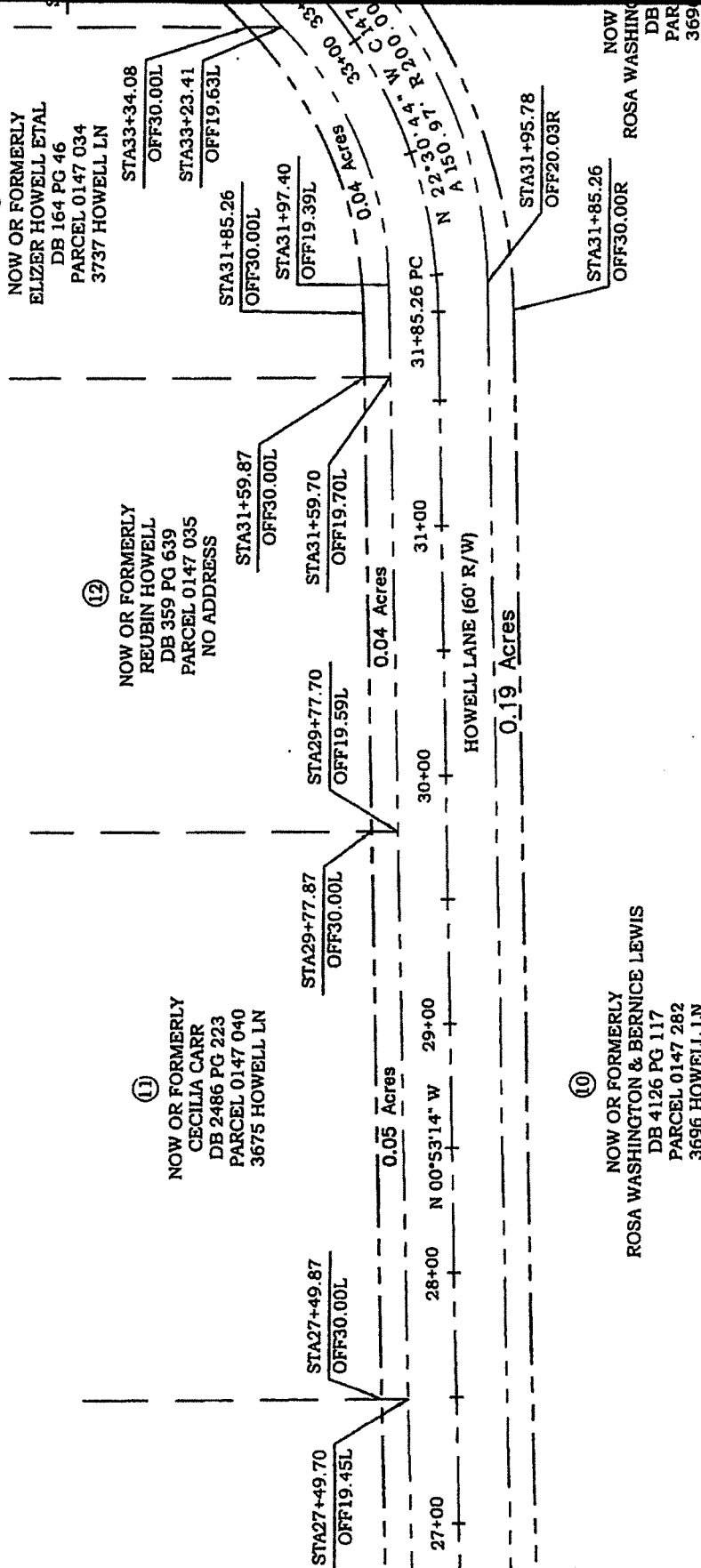
BY: _____
Bill Slaughter, Chairman

ATTEST: _____
K. Paige Dukes, Clerk



GRID NORTH
GA WEST ZONE
NAD 83

PROPOSED RIGHT OF WAY
EXISTING RIGHT OF WAY



REVISED DATE: 3/8/2018

COUNTY ROAD RIGHT-OF-WAY
FOR: **HOWELL LANE**



CALIFF SURVEYING & MAPPING, LLC
2661 Old Stateville Rd
Valdosta, GA 31606
(229) 560-7470
J0711-RW
0147 040

LOCATED IN
LAND LOT 103
11th LAND DISTRICT
LOWNDES COUNTY, GA
PLAT DATE: 2/8/2018
FIELD SURVEY DATE:
2/1/2018
SCALE 1"=60'

APPRAISAL REPORT IN A STANDARD FORMAT ON
A PROPOSED ACQUISITION OF A
0.05 ACRES STRIP OF LAND LOCATED AT 3675 HOWELL LANE NORTH
INVOLVING ACQUISITION OF RIGHT OF WAY
FOR A PAVING PROJECT ON HOWELL LANE
IN VALDOSTA, LOWNDES COUNTY, GEORGIA 31605

FOR
LOWNDES COUNTY
IN C/O MR. THOMAS H. GOODING, JR.
ELLIOTT, BLACKBURN & GOODING
ATTORNEYS AT LAW
3016 NORTH PATTERSON STREET
VALDOSTA, GEORGIA 31602

BY
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August 05, 2019

Lowndes County
C/O Mr. Thomas H. Gooding, Jr.
Elliott, Blackburn & Gooding
Attorneys at Law
3016 North Patterson Street
Valdosta, Georgia 31602

Re: Appraisal Report in a Standard Format on a proposed acquisition of a 0.05 acres strip of land located at 3675 Howell Lane North, involving a paving project of Howell Lane, in Valdosta, Lowndes County, Georgia.

Dear Mr. Gooding:

In compliance with your request, I have personally researched all pertinent data related to the above referenced property for purposes of estimating the market value of the fee simple interest in a proposed acquisition of a 0.05 acres strip of land located at 3675 Howell Lane North, involving a paving project of Howell Lane, in Valdosta, Lowndes County, Georgia. The effective date of the appraisal is August 01, 2019, the date of inspection and the effective date of the appraisal. The value reported below is qualified by certain assumptions, limiting conditions, certifications, and definitions that are set forth in this report.

The appraisal is intended to conform to the Uniform Standards of Professional Appraisal Practice (USPAP), the Code of Professional Ethics and Standards of Professional Appraisal Practice of the Appraisal Institute, applicable state appraisal regulations, and all State of Georgia appraisal guidelines. The appraisal is also prepared in accordance with the appraisal regulations issued in connection with the Financial Institutions Reform, Recovery and Enforcement Act (FIRREA).

To report the assignment results, we use the Appraisal Report option of Standards Rule 2-2 (a) of the 2019-2020 edition of USPAP. As USPAP gives appraisers the flexibility to vary the level of information in an Appraisal Report depending on the intended use and intended users of the appraisal, we adhere to our internal standards for an Appraisal Report – Standard Format. This type of report has a moderate level of detail. It summarizes the information analyzed, the appraisal methods employed, and the reasoning my clients their subsidiaries and their successors and/or assigns that supports the analyses, opinions, and conclusions. It meets or exceeds the former Summary Appraisal Report requirements that were contained in the 2018-2019 edition of USPAP. The Appraisal Report conforms to all State mandated Supplemental Standards.

In accordance with SMT-9 of the Uniform Standards of Professional Appraisal Practice, it has been prepared solely and exclusively for the appraiser's clients and intended users, Lowndes County, in c/o Mr. Thomas H. Gooding, Jr., of Elliott, Blackburn & Gooding, Attorneys at Law. It is not to be relied upon by any third parties for any purpose and any other use or user is unintended.

I have no current or prospective interest in the subject property or the parties involved; and no services were performed by the appraiser within the three year period immediately preceding acceptance of this assignment, as an appraiser or in any capacity.

I certify, as the appraiser, that I have completed all aspects of this valuation, including reconciling my opinion of value, free of influence from the client, client's representatives, borrower, or any other third party to the transaction.

Terms are defined within the pages of the following report, and the report has been prepared based on the scope of the work which is detailed in the Introduction. The reader of the appraisal is strongly advised to read the Introduction section to understand the context of this appraisal. Acceptance of this report constitutes an agreement with these conditions and assumptions.

Neither my engagement to make this appraisal (or any future appraisals for this client), nor any compensation therefore, are contingent upon the reporting of a predetermined value of direction in value that favors the cause of the client, the amount of the value estimate, the attainment of a stipulated result, or the occurrence of a subsequent event.

The proposed acquisition is a portion of the property owned by Cecelia T. Burke Carr, a/k/a Cecilia Carr. The property is further identified as being a portion of Tax Map 0147, Parcel 040. This parcel is not independently developable given the small physical size and thus is a remnant with limited marketability. The appraisal will determine a value of the property, as a whole and then determine an allocation of values of the property.

Enclosed with this letter is my appraisal report, describing the methods utilized and the underlying assumptions which formed the basis of my final value estimate. My fee for this assignment is \$2,500.00.

If you have any questions concerning the value reported below, or any of the data or other conclusions presented in this report, please feel free to call.

After considering the information and data utilized, I am of the opinion that the market value of the fee simple interest in both the parent tract and the proposed acquisition, as of August 01, 2019, the date of inspection and the effective date of the appraisal, are then:

MARKET VALUE OF THE PARENT TRACT (08-01-19)

TEN THOUSAND FOUR HUNDRED DOLLARS

(\$10,400.00)

AND

MARKET VALUE OF THE RIGHT OF WAY ACQUISITION (08-01-19)

ONE THOUSAND FOUR HUNDRED SIXTY NINE DOLLARS

(\$1,469.00)

SUMMARY OF FINDINGS:

Fee Simple Interest in the parent tract (08-01-19):	\$10,400.00
Proposed Acquisition (08-01-19):	\$1,469.00

Sincerely,



M. Freddie Bajalia
GA. State Certificate No. 004539

EXECUTIVE SUMMARY

Project Name: Howell Lane Paving Project

Location: 3675 Howell Lane

City: Valdosta

County: Lowndes

State: Georgia

Map and Parcel Number: Tax Map 0147, a portion of Parcel 040

Owner: Cecelia T. Burke Carr, a/k/a Cecilia Carr

Report Type: Appraisal Report

Format Type: Standard

Clients: Lowndes County, in c/o Mr. Thomas H. Gooding, Jr.,
of Elliott, Blackburn & Gooding.

Present Use: Vacant Land

Property Rights Appraised: Fee Simple

Purpose of the Appraisal: Resolving a matter as it pertains to the acquisition of
a 0.05 acre strip of land.

Intended Use: Acquisition and/or Condemnation

Intended Users: Lowndes County, in c/o Mr. Thomas H. Gooding, Jr.,
of Elliott, Blackburn & Gooding.

Date of Inspection: August 01, 2019

Date of Value Estimate: August 01, 2019

Date of Report: August 05, 2019

Effective Date of the Report: August 01, 2019

Land Area (Parent Tract):	1.18 acres
Proposed Taken for Paving Project:	2,178 square feet, or 0.05 acres
Remainder:	1.13 acres
Zoning:	R-1; Low Density Residential District, (1 acre)
Highest and Best Use:	
As Vacant:	Single Family Uses
Before:	Single Family Uses
After:	Single Family Uses
Estimated Exposure Time:	12 months or less
Estimated Marketing Time:	12 months or less

SUMMARY OF FINDINGS:

Fee Simple Interest in the parent tract (08-01-19): **\$10,400.00**

Proposed Acquisition (08-01-19): **\$1,469.00**

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PROPERTY IDENTIFICATION

Being appraised is a proposed acquisition of a 0.05 acre strip of land for a paving project along Howell Lane North. The parent tract is identified at 3675 Howell Lane, in Valdosta, Lowndes County, Georgia. It can further be identified as a portion of the parent tract identified in Lowndes County Tax Assessor's Office on Tax Map 0147, a portion of Parcel 024. Refer to the copy of the tax map, photos, and other pertinent information, located in the addenda section of this report, for further information.

HISTORY OF TITLE

Title to the subject property is currently vested in the name of Cecelia T. Burke Carr, a/k/a Cecelia Carr, as evidenced by a Deed of Assent, dated March 21, 2003, and recorded in Book 2436, Page 223. The subject property transferred from Cecelia T. Burke Carr, not individually, but as Executrix of the estate of Jack Edward Carr, Jr. to Cecelia T. Burke Carr, a/k/a Cecelia Carr, for no consideration. This was a transfer between related entities and not considered an arm's length transaction. The proposed acquisition is a portion of the property owned by Cecelia T. Burke Carr, a/k/a Cecelia Carr. This appraisal assignment involves the proposed acquisition of a 0.05 acre strip of land for the Howell Lane paving project. The subject property is not currently listed on the market for sale and no transfer of title has taken place over the past three years.

PURPOSE OF THE APPRAISAL

The purpose of this appraisal assignment involves the determination of the market value of the fee simple interest in a proposed acquisition of a 0.05 acres strip of land, located at 3675 Howell Lane, involving a paving project of Howell Lane, in Valdosta, Lowndes County, Georgia. The effective date of the appraisal in August 01, 2019, the date of inspection and the effective date of the

appraisal. In preparing this report, I will estimate the market value of part contribution, plus consequential damage to the remainder, if any, and special benefits to the remainder, if any, which offset damages only. All values are defined as follows:

Market Value is defined as:

- “The most probable price which a property should bring in a competitive and open market, under all conditions requisite to a fair sale, the buyer and seller each acting prudently and knowledgeably, and assuming the price is not affected by undue stimulus.”

Implicit in this definition are the consummation of a sale as of a specified date, and the passing of title from seller to buyer under conditions whereby:

1. Buyer and seller are typically motivated;
2. Both parties are well informed or well advised, and acting in what they consider their best interest;
3. A reasonable time is allowed for exposure in the open market;
4. Payment is made in terms of cash in United States dollars or in terms of financial arrangements comparable thereto; and
5. The price represents the normal consideration for the property sold unaffected by special or creative financing or sales concessions granted by anyone associated with the sale.
6. The value is not based on distressed sales.

Market value “As-Is” is defined as:

“An estimate of the market value of the property in the condition observed upon inspection and as it physically and legally exists without hypothetical conditions, assumptions, or qualifications as of the date the appraisal is prepared.”

- *All definitions obtained through Appraisal Institute website and conform to the most recent version of USPAP.*

WHOLE PROPERTY - Sometimes referred to as the entirety, the larger parcel, or the parent tract. Some appraisers distinguish between the three. The term whole property as used in this report means a property under a single ownership, physically contiguous and with one highest and best

use throughout. Cases of common ownership, physical contiguity and more than one highest and best use indicate more than one economic unit and thus, more than one whole property. The market value of the whole property places the ceiling on just compensation. That is to say, the market value of a part taken cannot exceed the market value of the whole property, although the taking can result in damages in excess of the market value of the partial acquisition.

PARTIAL ACQUISITION - Also variously referred to as the part taken, take, or partial take. A fee taking involves all of the rights of ownership; however, a right of way expansion involves a partial taking of rights, and, in many cases, the interest taking involves but a portion of the total property. Different kinds of partial takings include 1) the fee taking of a part of the total property; 2) an easement taking affecting the total property; and 3) an easement taking of part of the total property. An easement acquisition is always a partial acquisition. Even if the proposed easement physically covers the entire subject whole property, the underlying fee estate is not acquired. The underlying fee owner still has a beneficial interest in the property. A partial acquisition can involve physical property or legal rights (such as access rights), or both. The appraisal of easements requires identification of the type of easement and the physical parts of the total property affected.

REMAINDER PROPERTY - The remainder property includes those portions of the total property not taken plus the property rights remaining to the owners. As a result of some acquisitions, the remainder property may have a different highest and best use than that of the original whole property

RIGHT OF WAY - As used in this report, right of way will refer to the area within the boundaries of the subject parcel. A right of way can also include fee simple property. A right of way should not be confused with an easement. In most cases, a right of way will cross multiple properties and

will consist of several easements. An easement is unique to one property. Both terms, as they relate to the subject property, should be discussed within the appraisal report. Another common mistake is to confuse a right of way with a corridor. A corridor is always a right of way, but a right of way is not necessarily a corridor.

DATE OF INSPECTION

The subject was last inspected by M. Freddie Bajalia, on August 01, 2019, the date of inspection and the effective date of the appraisal.

DATE OF VALUE

The value estimate arrived at in this report is August 01, 2019, the date of inspection and the effective date of the appraisal.

DATE OF REPORT

The date of report is August 05, 2019.

EFFECTIVE DATE OF REPORT

The effective date of the report is August 01, 2019, the date of inspection.

PROPERTY RIGHTS APPRAISED

The property rights appraised in this report are the fee simple estate subject to any encumbrances, easements, restrictions, etc. reported herein. Fee Simple Estate is defined as:

- **Fee Simple** – Under fee simple the property rights appraised are in fee simple title ownership, assuming no liens or encumbrances other than normal covenants and restrictions of record such as zoning and real estate taxes. As defined in the thirteenth edition of *The Appraisal of Real Estate* as published by the Appraisal Institute, fee simple title means absolute ownership unencumbered by any other interest or estate, subject only to the limitations imposed by the governmental powers of taxation, eminent domain, police power and escheat. This would typically be the property rights addressed when appraising, for instance, an owner-occupied commercial building.
- **Source:** *The Dictionary of Real Estate Appraisal, 5th Ed.*

FUNCTION OF THE APPRAISAL

The function of this appraisal is to assist my client in establishing the market value of the fee simple interest in a proposed acquisition of a 0.05 acres strip of land located at 3675 Howell Lane involving a paving project of Howell Lane, in Valdosta, Lowndes County, Georgia. The appraisal will determine a value of the property, as a whole and then determine the market value of the proposed acquisition.

INTENDED USE AND USERS OF REPORT

In accordance with SMT-9 of the Uniform Standards of Professional Appraisal Practice, it has been prepared solely and exclusively for the appraiser's clients and intended users, Lowndes County, in c/o Mr. Thomas H. Gooding, Jr., of Elliott, Blackburn & Gooding, Attorneys at Law. It is not to be relied upon by any third parties for any purpose and any other use or user is unintended. The appraiser assumes no responsibility or liability for unauthorized use of this report.

SCOPE OF THE APPRAISAL

The scope of the assignment relates to the extent and manner in which research is conducted, data is gathered and analysis is applied, all based upon the following problem-identifying factors stated elsewhere in this report:

- Client
- Intended Use
- Intended User
- Type of opinion
- Effective date of opinion
- Relevant characteristics about the subject
- Assignment conditions

The appraisal is intended to conform to the Uniform Standards of Professional Appraisal Practice (USPAP), the Code of Professional Ethics and Standards of Professional Appraisal Practice of the Appraisal Institute, applicable state appraisal regulations, and all State of Georgia appraisal guidelines. The appraisal is also prepared in accordance with the appraisal regulations issued in connection with the Financial Institutions Reform, Recovery and Enforcement Act (FIRREA).

To report the assignment results, we use the Appraisal Report option of Standards Rule 2-2 (a) of the 2019-2020 edition of USPAP. As USPAP gives appraisers the flexibility to vary the level of information in an Appraisal Report depending on the intended use and intended users of the appraisal, we adhere to our internal standards for an Appraisal Report – Standard Format. This type of report has a moderate level of detail. It summarizes the information analyzed, the appraisal methods employed, and the reasoning my clients, Lowndes County, in c/o Mr. Thomas H. Gooding, Jr., of Elliott, Blackburn & Gooding, Attorneys at Law, its subsidiaries and their successors and/or assigns that supports the analyses, opinions, and conclusions. It meets or exceeds the former Summary Appraisal Report requirements that were contained in the 2018-2019 edition of USPAP. The Appraisal Report conforms to all State mandated Supplemental Standards. This report also includes thorough descriptions of the subject and the market for the property type.

As of 2014, there are now only two appraisal report types addressed by USPAP, which are now referred to as *Appraisal Report* and *Restricted Appraisal Report*. USPAP is the governing standard the sets forth the *minimum* appraisal reporting requirements. Both these report types are complete appraisals with certified values, though the level of reporting detail varies significantly.

Appraisal Report

An *Appraisal Report* contains a moderate or extensive level of detail, depending on the intended use of the report, scope of work property type and format (form or narrative). Prior to 2014, there were specific legal reporting requirements required for either *Summary* or *Self-Contained* Appraisal Reports. Now, there are only specific legal reporting requirements for an *Appraisal Report*. However, the terms Summary and Self-Contained can still be paired with Appraisal Report, even though there is only one minimum legal standard that applies, which is that of an *Appraisal Report*. Compared to a former Summary Appraisal Report which contained a *moderate* level of detail, and the former Self Contained Appraisal Report which contained an *extensive* level of detail, our Appraisal Reports generally contain a *moderate* amount of detail, with more/less emphasis on the factors related to the property and valuation that would require more/less detail than other factors.

Appraisal Reports can have one, two, or three approaches to value, depending on the situation of the property and use of the appraisal. The minimum reporting requirements of the Appraisal Report are as follows:

1. State the identity of the client and any intended users, by name or type.
2. State the intended use of the appraisal
3. Summarize information sufficient to identify the real estate involved in the appraisal, including the physical, legal, and economic property characteristics relevant to the assignment.
4. State the real property interest being appraised.
5. State the type and definition of value and cite the source of the definition.
6. State the effective date of the appraisal and the date of the report.
7. Summarize the scope of work used to develop the appraisal.

8. Summarize the information analyzed, the appraisal methods and techniques employed, and the reasoning that supports the analyses, opinions, and conclusions; exclusion of the sales comparison approach, cost approach, or income approach must be explained.
9. State the use of the real estate existing as of the date of value and the use of the real estate reflected in the appraisal.
10. When an opinion of highest and best use was developed by the appraiser, summarize the support and rationale for that opinion.
11. Clearly and conspicuously state all extraordinary assumptions and hypothetical conditions, and, state that their use might have affected the assignment results.
12. Include a signed certification in accordance with Standards Rule 2-3.

Bajalia and Associates completed the following steps for this assignment:

Extent to Which the Property is Identified

Bajalia and Associates collected the relevant physical characteristics about the subject via a physical identification of the subject property. The physical property was legally identified through its assessor's records and legal description.

Extent to Which the Property is Inspected

The subject was last inspected by M. Freddie Bajalia, on August 01, 2019, the date of inspection and the effective date of the appraisal.

Type and Extent of the Data Researched

Bajalia and Associates physically inspected the micro and/or macro market environments with respect to physical and economic factors relevant to the valuation process. This knowledge was expanded through interviews with regional and/or local market participants, available published data and other various resources. Bajalia and Associates also conducted regional and/or local research with respect to applicable tax data; zoning requirements, flood zone status, demographics, and income and expense data, and comparable listing, sale and rental information.

Type and Extent of Analysis Applied

I analyzed the data gathered through the use of appropriate and accepted appraisal methodology to arrive at a probable value indication via each applicable approach to value. All three traditional approaches to value were considered and the appraiser utilized the Sales Comparison Approach only. The Income Approach and Cost Approach were not utilized in this valuation assignment due to subject of this assignment being vacant land. The purpose of this appraisal assignment involves the determination of the market value of the fee simple interest in a proposed acquisition of a 0.05 acres strip of land located at 3675 Howell Lane involving a paving project of Howell Lane, in Valdosta, Lowndes County, Georgia. The effective date of the appraisal is August 01, 2019, the date of inspection and the effective date of the appraisal. The appraisal will determine a value of the property, as a whole and then determine a value of the proposed acquisition. In preparing this report, I will estimate the market value of part contribution, plus consequential damage to the remainder, if any, and special benefits to the remainder, if any, which offset damages only. The appraiser conducts a site analysis, prepares an appraisal report stating the market value of the property, and determines the total compensation that should be paid to the property owner for the property interests (e.g., land, easements, and improvements). The values will be provided in this appraisal. Scope of work is an ongoing process throughout the appraisal. This section of the report is intended as a general description of the work that was done to arrive at an opinion of market value. The approaches and other methodology employed in the appraisal will be discussed in their respective sections of the report. I then correlated and reconciled the results into a reasonable and defensible value conclusion, as defined herein and estimated a reasonable exposure time and marketing time associated with the value estimate presented.

SPECIAL APPRAISAL INSTRUCTIONS

The appraiser was asked to determine the market value of the fee simple interest in a proposed acquisition of a 0.05 acres strip of land located at 3675 Howell Lane involving a paving project of Howell Lane, in Valdosta, Lowndes County, Georgia. The effective date of the appraisal is August 01, 2019, the date of inspection and the effective date of the appraisal. The appraisal will determine a value of the property, as a whole and then determine a market value of the proposed acquisition.

COMPETENCY PROVISION

Prior to accepting this assignment or entering into an agreement to perform any assignment, an appraiser must properly identify the appraisal problem to be considered and have the knowledge and experience to complete the assignment competently. Our acceptance of this assignment is a statement of competency. No information or conditions were discovered during the course of this assignment to cause the appraisers to believe we lacked the required knowledge or experience to complete this assignment competently. Freddie Bajalia prepared this appraisal report and has experience in the appraisal of properties similar to the subject and are deemed qualified by education, training, and experience in the preparation of such reports to comply with the competency provisions of USPAP.

ASSUMPTIONS AND LIMITING CONDITIONS

General Assumptions and Limiting Conditions are assumed in virtually every appraisal and reflected in every appraisal report. Please refer to the Assumptions and Limiting Conditions in the addendum for a complete list of general, extraordinary, and hypothetical assumptions and limiting conditions. Extraordinary assumptions, hypothetical conditions, and notable observations specific to this assignment are identified following.

Extraordinary Assumptions

We assume the legal rights for the acquisition are correct as outlined in this report. We reserve the right to alter this appraisal, including value, if the legal rights for the easement are substantially different than described in this appraisal, and/or upon receipt and review of other information.

Hypothetical Conditions

None noted.

MARKETING TIME AND EXPOSURE TIME

Current appraisal guidelines require an estimate of a reasonable time period in which the subject property could be brought to market and sold. This reasonable time frame can either be examined historically or prospectively. In a historic analysis, this is referred to as exposure time. Exposure time always precedes the date of value; with the underlying premise being the time a property would have been on the market prior to the date of value, such that it would sell at its appraised value as of the date of value. On a prospective basis, the term marketing time is most often used. The exposure/marketing time is a function of price, time, and use. It is not an isolated estimate of time alone. It is different for various types of real estate and under various market conditions. The marketing period section is divided into reasonable exposure time and reasonable marketing time. Based on the premise that present market conditions are the best indicators of future performance and the history of sales of similar properties, a prudent investor will forecast that, under the conditions described above, the subject property would require a marketing and/or exposure time of 12 months or less.

Marketing Time is estimated at 12 months or less.

Exposure Time is estimated at 12 months or less.

PRIMARY COMPETITIVE MARKET AREA

The appraiser researched and analyzed comparable listings in the subject property's primary competitive market area. My research involved a detailed search of similar tracts of land offered for sale in the subject market and the results are summarized on the following table:

Address	Size (acres)	List Price	PPA	DOM
Lot 7 Michelle Street	1.00	\$19,500	\$19,500	215
1.46 acres Oak Rail	1.46	\$15,500	\$10,616	1,187
6162 Hardee Rd. NW	1.46	\$30,000	\$20,548	275
4235 River Road	2.00	\$24,000	\$12,000	441
Bemiss Knights Academy	2.33	\$56,000	\$24,034	565
6233 New Bethel Road	2.47	\$24,900	\$10,080	785

The above research helps the appraiser to determine what the subject property might be worth. As a seller, it's important to have as much data as possible when it comes time to put a property on the market. This includes a comparative market analysis. One of the first forms of analysis that goes into a comprehensive CMA is a closer look at any current, active properties for sale. This helps give you and your real estate agent insight into the local competition for prospective buyers. However, take care to note that these prices shouldn't be used to define your subject property's actual market value. The prices listed for other similar use properties were created by those sellers, who can ask for any price they choose. This may not be accurate or relevant to your own property. The true market value of a property isn't shown until it is actually sold. This could end up being far less than the original asking price, depending on current market conditions.

LOCAL AND REGIONAL DATA

Valdosta, the 14th largest city in Georgia, is the seat of Lowndes County, located in the extreme southern portion of Georgia, 18 miles north of the Florida border. Valdosta is 239 miles south of Atlanta, 123 miles northwest of Jacksonville, Florida, 152 miles south of Macon, and 78 miles southeast of Albany. Its location, just off Interstate 75 makes Valdosta an ideal stopover for vacationers. Valdosta was declared Metropolitan Statistical Area by the Federal Office of Management in 2000.

Designated as a Metropolitan Statistical Area in 2000, the four-county Valdosta Metro Area includes Lowndes Brooks, Echols, and Lanier Counties. Businesses migrating to the Sunbelt South are discovering that this region is a great place to live and work. With several Fortune 500 companies in the county, their discovery won't stay secret long. Already, an international presence has moved into the area with British, Canadian, Irish, and German firms represented. The following is some pertinent information about the subject market:

MARKET PARTICULARS

* Valdosta is Georgia's 14th largest city and is the economic engine of South Ga. and North Fl.

- Valdosta grew by 11,000 residents from 2000-2010, over 26%, and continues to grow today.
- Valdosta has a population density of over 1,500 people per square mile.
- Total bank deposits in Lowndes County are approximately \$2 billion.
- Valdosta serves as the economic, service, professional, retail, health care, tourism, and anchor of a 15-county region with a population of nearly 500,000.
- Retail sales in Valdosta/Lowndes County exceed \$3 billion annually.

- According to the Georgia County Guide (UGA 2010), Lowndes County’s overall retail pull factor was 2.17, the second highest in the entire state. Since Valdosta is the county seat—the largest city in Lowndes County with the greatest economic impact—and home to more than 80% of the businesses located in Lowndes County, Valdosta is credited for these figures. Retail pull measures the regional market draw to a community.
- Valdosta is home to Valdosta State University with over 11,000 students, 2,600 faculty and staff. It is one of only two regional Universities’ in the state of Georgia and has an economic impact of \$350 million on the community. Students come from all 159 counties in Georgia, from all 50 states, and from 70 countries around the world.
- Valdosta is home to Moody Air Force Base, a multi-mission base with over 6,500 military and civilian employees. Over 12,000 military retirees and their family members live in Valdosta, Lowndes County, and the contiguous counties.
- Valdosta is home to South Georgia Medical Center, a comprehensive regional health care facility with over 2,600 employees, a nationally recognized Heart and Cancer Center and nationally recognized stroke program. The health system’s economic impact on our community and region is \$761 million.
- Valdosta is home to a diverse mix of industry, manufacturing and logistics, and in the last six months alone has seen over \$26 million in capital investments from existing industries creating over 150 new jobs.
- Valdosta is home to Wild Adventures Theme Park, a Herschend Family Entertainment owned facility. Wild Adventures is a destination for families with annual visitors from all over the United States and large visitor populations coming from communities within a 3-hour radius in Georgia, Florida and Alabama, such as Savannah, Ga, and Jacksonville and Tallahassee, Fla.
- Valdosta’s tourism industry is anchored by over 4,000 hotel rooms, generating nearly 900,000 sold room nights annually with annual gross lodging sales of nearly \$60 million. According to the state of Georgia, those room nights and hotel sales generate total revenue of \$256 million from hotel guests only, over \$526 million in expenditures from tourists and visitors annually, and when added to those who live in the region and come to Valdosta for dining, retail and entertainment, the total revenues from non-residents is \$1.58 billion annually.
- Valdosta has an internationally-accredited, state-certified, nationally-renowned Police Department and has experienced crime reduction from 2000-2015 in all major categories, despite population growth of over 13,000.

- Valdosta is located directly on Interstate 75, with five interstate exits, 46,000 daily vehicles and 16.7 million annual vehicles passing through the city. Valdosta is also fortunate to have U.S. 41 and U.S. 84 running through the city, both with over 35,000 vehicles a day, as well as other state routes and major thoroughfares.
- Valdosta has local commercial corridors such as Norman Drive, St. Augustine Road, and N. Valdosta Road, each with between 20,000 and 32,000 daily vehicles.
- Recent public/private investments in the historical, vibrant downtown totaled \$45 million, and the heart of the city has 8,200 jobs.

MAJOR EMPLOYERS

Company	Type of Business	Employees
Moody Air Force Base	Military	6,307
South Ga. Medical Center	Health Care	2,559
Fresh Beginnings	Retail	1,478
Valdosta State University	Education	1,425
Lowndes County School System	Education	1,386
Valdosta City School System	Education	1,251
Wild Adventures	Entertainment	900
Lowe's Distribution Center	Distribution	842
Wal Mart	Retail	733
City of Valdosta	Municipal	582
Lowndes County	Municipal	565

In conclusion, the subject market has been successful in attracting new businesses and keeping existing employers. This trend has continued, even when the economy declined and some businesses have left or downsized. Factors such as Moody Air Force Base and Valdosta State University, and Lowndes County's geographical location are a large part of this success. These trends should continue into the foreseeable future, making this a viable location for a variety of commercial and residential endeavors.

NEIGHBORHOOD DATA

The Dictionary of Real Estate Appraisal 4th Edition defines a neighborhood as: “A group of complimentary land uses; a congruous grouping of inhabitants, buildings, or business.” A neighborhood may also be defined as a grouping of complimentary land uses affected by similar social, economic, governmental and environmental influences.

The subject neighborhood is located in located in North Lowndes County, Georgia and is generally bounded by Knights Academy Road on the north, North Forrest Street to the west, Stafford Mt. Zion Church Road to the south and Jaycee Shack Road to the east.

It is fairly accessible from all parts of Valdosta and Lowndes County, and is judged to be an average location for single family and/or agricultural uses. The overall general subject neighborhood should experience a steady, healthy growth. Location, accessibility and market appeal are average. No adverse location features are observed, or are foreseen. Uses in the immediate subject neighborhood include vacant tracts of land, mobile homes, two places of worship and single family residential uses. The subject property is located just off Knights Academy Road and is located in an area that is not highly developed as compared to other areas within Valdosta and Lowndes County. The subject neighborhood is considered a mostly rural, undeveloped area of Lowndes County. As more residential growth occurs in the neighborhood, it is likely to spur some new development. There are no apparent adverse neighborhood factors that would negatively affect the marketing of the subject property.

All public utilities are generally available in the neighborhood including city water, sewer, electricity, telephone and natural gas. In addition, all public services including police and fire protection and garbage/trash service are available.

All of these variables are considered to positively affect the subject property, which is dependent on a stable work force, convenient interstate access, and a growing middle-income population base. In conclusion, the social, economic, environmental, and governmental forces currently interact to form a fairly desirable area of Lowndes County. The locational features of the neighborhood are rated average and all utilities and public services are generally available. Good residential back-up provides support for a variety of uses and the life cycle of the neighborhood is one of long-term growth. The four forces exert a positive influence on the value of all commercial and residential real estate in the neighborhood, including the subject property.

SITE DESCRIPTION

Being appraised is a proposed acquisition of a 0.05 acre strip of land for a paving project along Howell Lane. The parent tract is identified at 3675 Howell Lane, in Valdosta, Lowndes County, Georgia. It can further be identified as a portion of the parent tract identified in Lowndes County Tax Assessor's Office on Tax Map 0147, as a portion of 040. Following is pertinent site information:

Land Area (Parent Tract):	1.18 acres
Proposed Taken for Paving Project:	2,178 square feet, or 0.05 acres
Remainder:	1.13 acres

The subject site before and after the acquisition are both described following:

Parent Tract: The parent parcel is a square shaped tract situated along the western right of way margin of Howell Lane. Howell Lane is a 60 foot right of way, dirt road, running north and south, just off Knights Academy Road. It contains approximately 51,400.80 square feet, or 1.18 acres. It can further be identified as being located in Land Lot 103 in the 11th Land District of Lowndes County, Georgia. It lies at road grade and drainage appears adequate. Site improvements include a well, septic tank and chain link fencing. As per Flood Hazard Map Community Panel 13185C0120E, dated September 26, 2008, the subject site is located in Zone "X", an area of minimal flooding.

Proposed Right of Way Acquisition: The proposed right of way acquisition is a portion of the property owned by Cecelia T. Burke Carr, a/k/a Cecilia Carr. The 0.05 acre strip of land being acquired is for a paving project along Howell Lane. This parcel is not independently developable given the small physical size and thus is a remnant with limited marketability.

BEFORE ACQUISITION

The subject site contains approximately 1.18 acres and is square in shape. It has adequate frontage along Howell Lane.

DESCRIPTION OF THE RIGHT OF WAY ACQUISITION

The proposed right of way acquisition is a portion of the property owned by Cecelia T. Burke Carr, a/k/a Cecilia Carr. The 0.05 acre strip of land being acquired is for a paving project along Howell Lane. This parcel is not independently developable given the small physical size and thus is a remnant with limited marketability.

DESCRIPTION OF THE REMAINDER BEFORE AS PART OF THE WHOLE

After acquisition, exposure, access, and visibility will not be negatively affected.

IMPACT OF THE ACQUISITION ON REMAINING PROPERTY

After acquisition, it appears that the parent tract will not be negatively affected. The only disturbance will be a portion of chain link fencing will be affected.

DESCRIPTION OF THE REMAINDER AFTER ACQUISITION

As previously mentioned, the subject tract will not be negatively affected after the acquisition. After the acquisition, it appears that exposure, access, and visibility will remain the same. The property will not be diminished in utility. The only disturbance will be a portion of chain link fencing will be affected.

During the inspection of the subject site, no drainage problems were observed and none are assumed to exist.

A soil analysis for the subject site has not been provided for the preparation of this appraisal. In the absence of a soil report, it is a specific assumption that the site has adequate soils to support the highest and best use.

There are no known covenants, conditions, and restrictions impacting the subject site which are considered to affect the marketability or highest and best use, other than zoning restrictions.

Bajalia and Associates has not observed, yet is not qualified to detect, the existence of potentially hazardous material or underground storage tanks which may be present on or near the site. The existence of hazardous materials or underground storage tanks may have an effect on the value of the property.

For this appraisal, I have specifically assumed that the property is not affected by any hazardous materials and/or underground storage tanks which may be present on or near the property. The size of the site is typical for the area and use, and there are no known detrimental uses in the immediate vicinity. No adverse physical/topographical features are observed, or are foreseen.

Environmental Statement

Unless otherwise stated in this report, the existence of hazardous substances, including without limitation, asbestos, polychlorinated biphenyl's, petroleum leakage, or agricultural chemicals, which may or may not be present on the property, or other environmental conditions, were not called to the attention of nor did the appraiser become aware of such during the inspection.

The appraiser has no knowledge of the existence of such materials on or in the property unless otherwise stated. The appraiser, however, is not qualified to test such substances or conditions. If the presence of such substances, such as asbestos, urea formaldehyde foam insulation, or other hazardous substances, or environmental condition, may affect the value of the property, the value

estimated is predicated on the assumption that there is no such condition on or in the property or in such proximity thereto that it would cause a loss in value. No responsibility is assumed for any such conditions, or for any expertise or engineering knowledge required to discover them.

ZONING DISTRICT

The subject tract is zoned **R-1; Low Density Residential District (1 acre)**. The zoning classification will be described following:

R-1, Low density residential (1 acre). This district is intended to provide for single-family residential dwellings on individual lots at a low density of development, consistent with the use of private wells and septic tanks. Single-family homes, and specified accessory structures and uses are permissible. The zoning classification allows for agricultural and single family uses and no change in the zoning and/or use is foreseen.

TAX INFORMATION

The subject property can be identified in Lowndes County Tax Assessor’s Office on Tax Map 0147, as Parcel 040. The reader is reminded this is the parent parcel. The market value, for ad valorem tax purposes, in 2016, 2017, and 2018 are summarized following:

Map 0147, Parcel 040 (2016 FMV)

Land Value:	\$10,684
Improvement Value:	<u>\$5,657</u>
Total FMV:	\$16,341
2016 Millage Rate:	28.135

Map 0147, Parcel 040 (2017 FMV)

Land Value:	\$10,684
Improvement Value:	<u>\$5,657</u>
Total FMV:	\$16,341
2017 Millage Rate:	28.063

Map 0147, Parcel 040 (2018 FMV)

Land Value:	\$11,753
Improvement Value:	<u>\$5,657</u>
Total FMV:	\$17,410
2018 Millage Rate:	27.605

In Georgia, real property taxes are assessed based on 40% of the fair market value. The tax status for all three years are summarized following:

2016 Taxes

Base Amount:	\$183.92
TOTAL PAID:	\$183.92

2017 Taxes

Base Amount:	\$183.45
TOTAL PAID:	\$183.45

2018 Taxes

Base Amount:	\$192.24
TOTAL PAID:	\$192.24

The market value, for ad valorem tax purposes, remained the same from years 2016 to 2017 then increased for 2018. Overall, the 2018 market value on the land of \$17,410, for ad valorem tax purposes, is below what I consider to be true market value but as compared to other similar properties in the subject area, appears fair and equitable.

HIGHEST AND BEST USE ANALYSIS

Highest and best use is defined as:

“The reasonably probable and legal use of vacant land or an improved property which is physically possible, appropriately supported, financially feasible and that results in the highest value. The four criteria the highest and best use must meet are legal permissibility, physical possibility, financial feasibility, and maximum productivity.”

Source: The Dictionary of Real Estate Appraisal, 5th Edition, The Appraisal Institute

Value is predicated upon a market supported high and profitable use. Inherent within the definition of highest and best use is the underlying concept of the market. Market forces, including the principle of supply and demand, substitution, balance and conformity, in addition to the agents of production and value influencing factors, form the market and hence, to a great extent, influence the highest and best use of real property. Consequently, highest and best use is related to the market driven concept. The highest and best use of real property is not dependent upon the subjective desires or requirements of the property owner, developer or appraiser. It is shaped by all economic and market forces, which form the competitive market in which the subject property is located. Highest and best use is therefore an economic study of the market forces focused on the subject property. The basis of market value is predicated upon a reasoned conclusion as to highest and best use of the subject property. Highest and best use analysis forms conclusions as to: (1) highest and best use of the subject land as though vacant, and (2) highest and best use of the subject property as improved. The derived conclusions from these analysis forms the basis of the Sales Comparison, Cost and Income Approaches to value, if applicable.

HIGHEST AND BEST USE

BEFORE - AS VACANT

Legal Permissibility

Both public and private legal restrictions must be observed in determining whether the use is legally permissible. Private legal restrictions are limitations that run with the land and are passed from owner to owner (primarily concerned with developments). In this case, the subject parcel is an individual lot of record. In addition, we assume that private deed restrictions run with the property that would prohibit use. With regard to public zoning, the subject parcel has R-1; Low Density Residential District zoning. Any use, however, is subject to the development standards and development guidelines, as set forth by the Lowndes County Planning and Zoning Department.

Physical Possibility

The subject site contains approximately 1.18 acres. The size, shape, area and terrain of the parcel affects the available uses as well. Physical limitations must be observed since construction may be either unfeasible or physically impossible. The subject parcel has adequate site size for the area and is square in shape. Topography is generally level to slightly sloping and the site lies at road grade. The size, shape, and topography appears to be conducive to allow for feasible development for single family homes. Utilities, drainage and other physical characteristics appear to be positive relative to the development. No major adverse site conditions are known nor were any observed that would tend to preclude or severely limit utilization according to the subject's highest and best use as determined herein.

Financial Feasibility

The financial feasibility of a specific use for the subject property is predominately predicated on prevailing surrounding uses within the neighborhood and the strength of a specific market. Presently, the subject area is scarcely developed. The subject location is somewhat central (to most all necessary support facilities), and is readily accessible for single family uses. The immediate area is also not conducive to high commercial uses given the surrounding uses. In addition, the immediate area is more characterized as a single family and/or agricultural district. The reader is reminded that the highest and best use, as vacant, would be most likely for single family uses.

Maximum Profitability

Given the existing development restrictions, site characteristics and supportable demand, I feel that the ideal use would most likely for single family uses.

In conclusion, before the acquisition, the highest and best use, as vacant, is most likely for single family uses.

HIGHEST AND BEST USE

AFTER - AS VACANT

After the acquisition, the site will not be negatively affected. It will not be reduced in access, visibility, and/or exposure.

In conclusion, after the acquisition, the highest and best use, as vacant, is most likely for single family uses.

VALUATION – BEFORE ACQUISITION

The purpose of this appraisal assignment involves the determination of the market value of the fee simple interest in a proposed acquisition of a 0.05 acres strip of land located at 3675 Howell Lane involving a paving project of Howell Lane, in Valdosta, Lowndes County, Georgia. The effective date of the appraisal in August 01, 2019, the date of inspection and the effective date of the appraisal. The appraisal will determine a value of the property, as a whole and then determine the market value of the proposed acquisition. In preparing this report, I will estimate the market value of part contribution, plus consequential damage to the remainder, if any, and special benefits to the remainder, if any, which offset damages only. As such it falls under the Eminent Domain Rules, which state:

1. The whole tract is appraised by the Sales Comparison Approach.
2. The part taken is its value as a part of the whole.
3. The value of the remainder prior to acquisition is its value as a part of the whole.
4. The remainder after acquisition is valued by the Sales Comparison Approach.
5. The difference between the value of the remainder before and after acquisition – if any is consequential damages to the remainder due to the acquisition.
6. Special benefits to the remainder – if any, offset damages only.

NOTE: Special benefits are those that accrue to the subject remainder only, due to the acquisition, and not to the other properties in the subject area. To the best of my knowledge, the jurisdiction of Georgia classifies damage due to a partial acquisition as consequential damage, as opposed to severance damage.

MARKET VALUE - The appraiser should be aware of the market value definition of the particular jurisdiction of the subject property. Any proper definition will include the willing seller/willing buyer concept. The courts are seeking just compensation and market value is generally accepted as a basis for just compensation. When appraising the impact of a right of expansion on a particular property, care should be exercised not to arrive at a conclusion of value other than market value. Market value is related to the value of the subject property itself (in rem) to typical market participants and not to the individuals or entities that own the property.

Examples of other types of value include use value (value particular to the owners of the property) usually associated with a special use property, and investment value (value to the buyer).

HIGHEST AND BEST USE - This is probably the single most important appraisal principle and is fundamental when estimating market value. Land is always appraised based on its highest and best use as theoretically vacant and available for development at the date of the appraisal. The existing (current) use, particularly of improved property, is not necessarily the standard; rather it is the physically possible, appropriately and legally supported, financially feasible, and resulting in the highest value of the land as of the date of valuation. A potential (future) highest and best use is not the standard used unless that use is reasonably probable. Highest and best use concerns the use of land and not the owners or buyers of property. Business value is outside of the scope of highest and best use.

WHOLE PROPERTY - Sometimes referred to as the entirety, the larger parcel, or the parent tract. Some appraisers distinguish between the three. The term whole property as used in this report means a property under a single ownership, physically contiguous and with one highest and best use throughout. Cases of common ownership, physical contiguity and more than one highest and

best use indicate more than one economic unit and thus, more than one whole property. The market value of the whole property places the ceiling on just compensation. That is to say, the market value of a part taken cannot exceed the market value of the whole property, although the taking can result in damages in excess of the market value of the partial acquisition.

PARTIAL ACQUISITION - Also variously referred to as the part taken, take, or partial take. A fee taking involves all of the rights of ownership; however, a right of way expansion involves a partial taking of rights, and, in many cases, the interest taking involves but a portion of the total property. Different kinds of partial takings include 1) the fee taking of a part of the total property; 2) an easement taking affecting the total property; and 3) an easement taking of part of the total property. An easement acquisition is always a partial acquisition. Even if the proposed easement physically covers the entire subject whole property, the underlying fee estate is not acquired. The underlying fee owner still has a beneficial interest in the property. A partial acquisition can involve physical property or legal rights (such as access rights), or both. The appraisal of easements requires identification of the type of easement and the physical parts of the total property affected.

REMAINDER PROPERTY - The remainder property includes those portions of the total property not taken plus the property rights remaining to the owners. As a result of some acquisitions, the remainder property may have a different highest and best use than that of the original whole property.

RIGHT OF WAY - As used in this report, right of way will refer to the area within the boundaries of the subject parcel. A right of way can also include fee simple property. A right of way should not be confused with an easement. In most cases, a right of way will cross multiple properties and will consist of several easements. An easement is unique to one property. Both terms, as they relate to the subject property, should be discussed within the appraisal report. Another common mistake is to confuse a right of way with a corridor. A corridor is always a right of way, but a right of way is not necessarily a corridor.

VALUATION CONSIDERATIONS

The proper valuation methodology is the “before and after” rule. A variation of this rule is the “take plus damages” rule. Generally, case law and appraisal literature support this methodology. Strictly speaking, the appraiser does not appraise the right of way but rather measures the impact of the right of way on the burdened property. The measure and impact (value) is the loss in value to the remainder property after the right of way portion is acquired. This diminution is comprised of both the right of way acquisition and damage (if any) to the remainder. Different jurisdictions have different laws governing the valuation of partial takings and the appraiser should be careful to use that methodology applicable in the subject property’s jurisdiction. In the valuation of right of ways for public acquisition and/or easements, the measure of value is always the loss in the value of the burdened property, not the value of the right of way to the taker. Appraisal methodology is focused on the market value of the property and should be consistently applied. The valuation methodology used should not vary regardless of the nature of the proposed project, who the buyers will be, or who the owner is. Additionally, it should not vary whether a governmental agency is involved or if it takes place in the private sector.

TOTAL BEFORE AND AFTER METHOD — When the law of the subject property’s jurisdiction requires a before and after valuation, the appraiser performs an appraisal of the property before considering the impact of the take and the project. Next a new appraisal is made of the remainder property under the theoretical assumption that the proposed project has been completed. The appraiser takes into account in the after value the impact upon value of the use of the right of way area by the project and the benefits of the right of way area remaining to the underlying fee owner. Also taken into consideration is the impact on the remainder of the taking.

The parent tract consist of a 1.18 acre site. All three traditional approaches to value were considered and the appraiser utilized the Sales Comparison Approach only. The Income Approach and the Cost Approach were not utilized in this valuation assignment due to subject of this assignment being vacant land. The acquisition process involves making offers based on appraisal price, negotiating, and using eminent domain when required. Relocation assistance involves helping with the relocation of residents and business owners being displaced due to right of way or easement acquisitions. The appraiser conducts a site analysis, prepares an appraisal report stating the market value of the property, and determines the total compensation that should be paid to the property owner for the property interests (e.g., land, easements, and improvements). The Sales Comparison Approach will be utilized for the valuation of the subject site.

The measure of “just compensation” is “market value.” Section 1263.320 of the Code of Civil Procedure defines market value as:

“(a) The fair market value of the property taken is the highest price on the date of valuation that would be agreed to by a seller, being willing to sell but under no particular or urgent necessity for so doing, nor obliged to sell, and a buyer, being ready, willing and able to buy but under no particular necessity for so doing, each dealing with the other with full knowledge of all the uses and purposes for which the property is reasonably adaptable and available.

“(b) The fair market value of property taken for which there is no relevant, comparable market is its value on the date of valuation as determined by any method of valuation that is just and equitable.”

The Preliminary Right of Way Activities are:

1. Ordering Title Reports.
2. Preparing Base Maps.
3. Preparing Appraisal Maps.

4. Conducting project-wide comparable sales searches once a preferred alternate is internally selected.

In addition, the preferred alternate must be made public in some manner, e.g., newspaper announcement, distribution of the final environmental document, or the like, before the following activities can take place.

5. Assigning appraisers to specific parcels.

6. Contacting the property owners to commence appraisal activity (i.e., sending the Notice of Decision to Appraise).

7. Completing the appraisal.

SALES COMPARISON APPROACH

LAND VALUATION – PARENT TRACT

Parent Tract: The parent parcel is a square shaped tract situated along the western right of way margin of Howell Lane. Howell Lane is a 60 foot right of way, dirt road, running north and south, just off Knights Academy Road. It contains approximately **51,400.80 square feet, or 1.18 acres**. It can further be identified as being located in Land Lot 103 in the 11th Land District of Lowndes County, Georgia. It lies at road grade and drainage appears adequate. Site improvements include a well, septic tank and chain link fencing. As per Flood Hazard Map Community Panel 13185C0120E, dated September 26, 2008, the subject site is located in Zone “X”, an area of minimal flooding.

The Sales Comparison Approach is defined as “A set of procedures in which a value indication is derived by comparing the property being appraised to similar properties that have been sold recently, then applying appropriate units of comparison and making adjustments to the sales prices of the comparables based on the elements of comparison. The Sales Comparison Approach may be used to value improved properties, vacant land, or land being considered as though vacant; it is the most common and preferred method of land valuation when an adequate supply of comparable sales are available.”

A market data search was conducted to vacant land similar to the subject for use in the Sales Comparison Approach. The land sales concluded most applicable in this valuation are outlined individually in this report. The unit of comparison concluded to be the most applicable in this assignment on the subject tract is the sales price per acre. In this assignment, a discussion of the sales utilized will be made to arrive at a price per acre applicable to the subject site.

LAND SALE NUMBER 1

Type: Land Sale

Use: Residential/Agricultural

Location: 6051 Edmondson Road

Map and Parcel Number: Map 0101, Parcel 062

City: Hahira

County: Lowndes

State: Georgia

Grantor: Christopher Scott and Nicole E. Rowe

Grantee: Charles M. and Bonnie J. Martin

Consideration: \$10,500

Date: October 15, 2018

Deed Book: 6530

Page: 126

Financing: Cash to seller; no effect on price.

Verification: Mr. Donnie Morgan, listing agent (229-262-1300)

Condition of Sale: Arm's Length

H & B Use: Single Family Use

Present Use: Vacant Land

Zoning: E-A; Estate Agricultural District

Land Description:

Acres:	1.07 acres
Main Frontage:	226 +/- feet
Topography:	At road grade
Exposure / Visibility:	Average
Functional Utility:	Average
Corner:	No
Access:	Average
Shape:	Somewhat Rectangular
Drainage:	Good
Encumbrance:	None
Price per Acre:	\$9,813

LAND SALE NUMBER 2

Type: Land Sale

Use: Residential/Agricultural

Location: 6275 New Bethel Road

Map and Parcel Number: Map 0177, Parcel 064

City: Valdosta

County: Lowndes

State: Georgia

Grantor: Joseph Ashley, Jr.

Grantee: Lounelle D. Robinson

Consideration: \$18,000

Date: May 25, 2016

Deed Book: 5972

Page: 74

Financing: Cash to seller; no effect on price.

Verification: Mrs. Susan Brock, listing agent (229-444-1724)

Condition of Sale: Arm's Length

H & B Use: Single Family Use

Present Use: Vacant Land

Zoning: MAZ2; Moody Activity Zoning District

Land Description:

Acres:	3.00 acres
Main Frontage:	200 +/- feet
Topography:	At road grade
Exposure / Visibility:	Average
Functional Utility:	Average
Corner:	No
Access:	Average
Shape:	Somewhat Rectangular
Drainage:	Good
Encumbrance:	None
Price per Acre:	\$6,000

LAND SALE NUMBER 3

Type: Land Sale

Use: Residential/Agricultural

Location: 6776 Clyattstone Road

Map and Parcel Number: Map 0071, Parcel 024

City: Valdosta

County: Lowndes

State: Georgia

Grantor: GDB Capital Group, LLC

Grantee: Leslie Wade

Consideration: \$23,750

Date: August 02, 2019

Deed Book: N/A (not recorded online at date of appraisal)

Page: N/A

Financing: Cash to seller; no effect on price.

Verification: Mr. David Brown, listing agent (229-561-3939)

Condition of Sale: Arm's Length

H & B Use: Single Family Use

Present Use: Vacant Land

Zoning: E-A; Estate Agricultural District

Land Description:

Acres: 2.69 acres

Main Frontage: None

Topography: At road grade

Exposure / Visibility: Fair

Functional Utility: Average

Corner: No

Access: Fair

Shape: Somewhat Rectangular

Drainage: Good

Encumbrance: Access via recorded driveway easement

Price per Acre: **\$8,829**

LAND SALE NUMBER 4

Type: Land Sale

Use: Residential/Agricultural

Location: 5139 Skipper Bridge Road

Map and Parcel Number: Map 0103, Parcel 047B

City: Hahira

County: Lowndes

State: Georgia

Grantor: Billy Washington

Grantee: Phillip and Nichole Whitley

Consideration: \$38,000

Date: March 28, 2019

Deed Book: 6578

Page: 242

Financing: Cash to seller; no effect on price.

Verification: Mrs. Victoria Copeland, listing agent (229-234-7608)

Condition of Sale: Arm's Length

H & B Use: Single Family Use

Present Use: Vacant Land

Zoning: E-A; Estate Agricultural District

Land Description:

Acres:	5.00 acres
Main Frontage:	230 +/- feet
Topography:	At road grade
Exposure / Visibility:	Average
Functional Utility:	Average
Corner:	No
Access:	Average
Shape:	Somewhat Rectangular
Drainage:	Good
Encumbrance:	None
Price per Acre:	\$7,600

LAND SALE NUMBER 5

Type: Land Sale

Use: Residential/Agricultural

Location: 5802 Union Road

Map and Parcel Number: Map 0052, Parcel 020

City: Hahira

County: Lowndes

State: Georgia

Grantor: Estate of Cecil F. Keith, Jr.

Grantee: Loran C. and Meshea E. Hardeman

Consideration: \$44,000

Date: June 27, 2018

Deed Book: 6459

Page: 001

Financing: Cash to seller; no effect on price.

Verification: Mrs. Whitney Sharpe, listing agent (229-292-7190)

Condition of Sale: Arm's Length

H & B Use: Single Family Use

Present Use: Single Family Use

Zoning: E-A; Estate Agricultural District

Land Description:

Acres:	3.66 acres
Main Frontage:	850 +/- feet
Topography:	At road grade
Exposure / Visibility:	Average
Functional Utility:	Average
Corner:	No
Access:	Average
Shape:	Triangular
Drainage:	Good
Encumbrance:	None
Price per Acre:	\$12,022

SUMMARY OF LAND SALES

<u>No.</u>	<u>Location</u>	<u>Date</u>	<u>Acreage</u>	<u>Price</u>	<u>PPA</u>
1	Edmondson Road	10-15-18	1.07	\$10,500	\$9,813
2	New Bethel Road	05-25-16	3.00	\$18,000	\$6,000
3	Clyattstone Road	08-02-19	2.69	\$23,750	\$8,829
4	Skipper Bridge Road	03-28-19	5.00	\$38,000	\$7,600
5	Union Road	06-27-18	3.66	\$44,000	\$12,022
AVERAGES			3.08	\$26,850	\$8,853
SUBJECT			1.18		

RECONCILIATION OF THE SALES COMPARISON APPROACH

I utilized five (5) closed land sales, all located in North Lowndes County, similar in location to the subject site, to compare to the subject property which indicated a range of sales prices ranging from **\$10,500** to **\$44,000** and a range of unit prices from **\$6,000 per acre** to **\$12,022 per acre**. The average price of the comparables was **\$26,850** and the average unit price was **\$8,853 per acre**. All five sales are located in North Lowndes County and no location adjustments are judged necessary. No time adjustment (date of sale) were deemed necessary due to similar market conditions. Most all other units of comparison were similar with minor differences. Taking into consideration my above analysis and relying more on my knowledge of the subject market and my experience in appraising similar properties, I feel a unit price of **\$8,850 PA** is concluded reasonable and market supported. Therefore, the indicated market value of the parent tract, by the Sales Comparison Approach, based on current market conditions and based on its highest and best use, subject to encumbrances, if any, as of August 01, 2019, the date of inspection and the effective date of the appraisal, is then:

1.18 acres @ \$8,850.00 PA = \$10,400.00 (rounded)

TEN THOUSAND FOUR HUNDRED DOLLARS

(\$10,400.00)

RECONCILIATION AND FINAL VALUE ESTIMATE – BEFORE ACQUISITION

This valuation employed the Sales Comparison Approach only on the valuation of the parent tract.

The indicated value is:

Sales Comparison Approach.....\$10,400.00

Final Market Value.....\$10,400.00

For purposes of this Appraisal Report, the criteria utilized in the final reconciliation including appropriateness, accuracy, and quantity of evidence are summarized. The Sales Comparison Approach indicated value is based on what is considered to be an appropriate quantity and quality of data for this property type. The Sales Comparison Approach is considered more reflective of the actions of market participants on the subject property. Therefore, the indicated market value of the subject site, by the Sales Comparison Approach, based on current market conditions and based on its highest and best use, subject to encumbrances, if any, as of August 01, 2019, the date of inspection and the effective date of the appraisal, is then:

MARKET VALUE OF THE PARENT TRACT (08-01-19)

TEN THOUSAND FOUR HUNDRED DOLLARS

(\$10,400.00)

VALUATION OF THE RIGHT OF WAY ACQUISITION

The proposed right of way acquisition is a portion of the property owned by Cecelia T. Burke Carr, a/k/a Cecilia Carr. The 0.05 acre strip of land being acquired is for a paving project along Howell Lane. This parcel is not independently developable given the small physical size and thus is a remnant with limited marketability. When the law of the subject property’s jurisdiction requires a before and after valuation, the appraiser performs an appraisal of the property before considering the impact of the take and the project. Next a new appraisal is made of the remainder property under the theoretical assumption that the proposed project has been completed. The appraiser takes into account in the after value the impact upon value of the use of the right of way area by the project and the benefits of the right of way area remaining to the underlying fee owner. Also taken into consideration is the impact on the remainder of the taking.

VALUE OF THE PARENT TRACT - BEFORE:

Land:	\$10,400.00
Total:	\$10,400.00

VALUE OF THE PARENT TRACT - AFTER:

1.13 acres @ \$8,850.00 PA =	\$10,000.00
------------------------------	-------------

VALUATION OF THE PART TAKEN, AS A PART OF THE WHOLE:

0.05 acres @ \$8,850.00 PA =	\$442.50
TOTAL.....	\$443.00 (rounded)

REMAINDER VALUE – AS A PART OF THE WHOLE

	<u>Land</u>
Market Value of the Whole Before	\$10,400.00
Market Value of the Part Acquired	<u>\$443.00</u>
Market Value of the Remainder as Part of the Whole	\$9,957.00

IMPACT OF THE ACQUISITION ON REMAINING PROPERTY

After acquisition, it appears that the parent tract will not be negatively affected. The only disturbance will be a portion of chain link fencing will be affected. There is approximately 228 linear feet of road frontage. The amount of fencing that will be lost is approximately 228 feet. Replacement cost new is estimated at \$4.50 per foot, or approximately \$1,026.00.

VALUATION OF THE REMAINDER AFTER ACQUISITION

After acquisition, the remainder will be practically the same as prior to the acquisition. Hence, benefits – if any are in the form of general ones and not special accruing only to the subject remainder. As such, they are not compensable. The value of the remainder after acquisition is then similar as prior to acquisition.

SUMMARY OF FINDINGS

Value before Acquisition:	\$10,400
Value of Land to be acquired:	
	\$443
Market Value of Acquisition:	\$443
Market Value of the Remainder – Before:	\$10,400
Market Value of the Remainder – After Acquisition:	\$9,957
Impact/Damages to Remainder (fencing):	\$1,026
Compensation:	\$1,469

MARKET VALUE OF THE ACQUISITION

Based on our research and analysis, it is our opinion that the market value of the proposed right of way acquisition, as of August 01, 2019, the date of inspection and the effective date of the appraisal, is then:

MARKET VALUE OF THE RIGHT OF WAY ACQUISITION (08-01-19)

ONE THOUSAND FOUR HUNDRED SIXTY NINE DOLLARS

(\$1,469.00)

FINAL SUMMATION OF VALUES

The purpose of this appraisal assignment involved the determination of the market value of the fee simple interest in a proposed acquisition of a 0.05 acres strip of land located at 3675 Howell Lane involving a paving project of Howell Lane, in Valdosta, Lowndes County, Georgia. The results are summarized following:

MARKET VALUE OF THE PARENT TRACT (08-01-19)

TEN THOUSAND FOUR HUNDRED DOLLARS

(\$10,400.00)

AND

MARKET VALUE OF THE RIGHT OF WAY ACQUISITION (08-01-19)

ONE THOUSAND FOUR HUNDRED SIXTY NINE DOLLARS

(\$1,469.00)

SUMMARY OF FINDINGS:

Fee Simple Interest in the parent tract (08-01-19):	\$10,400.00
Proposed Acquisition (08-01-19):	\$1,469.00

CERTIFICATION OF THE APPRAISER

I hereby certify that, to the best of my knowledge and belief

1. The statements of fact contained in this report are true and correct.
2. The reported analysis, opinions, and conclusions are limited only by the reported assumptions and limiting conditions, and is my personal unbiased professional analysis, opinions, and conclusions.
3. I have no present or prospective interest in the property that is the subject of this report, and I have no personal interest or bias with respect to the parties involved.
4. My compensation is not contingent upon the reporting of a predetermined value or direction in value that favors the cause of the client, the amount of the value estimate, the attainment of a stipulated result, or the occurrence of a subsequent event. Furthermore, this appraisal assignment is not based on a requested minimum valuation, a specific valuation, or the approval of a loan.
5. My analysis, opinions, and conclusions were developed, and this report has been prepared, in conformity with the Uniform Standards of Professional Appraisal Practice, the Georgia Real Estate Appraiser Classification and Regulation Act, and the Rules and Regulations of the Georgia Real Estate Appraisers Board.
6. I have made a personal inspection of the property that is the subject of this report.
7. The contract for the appraisal of said property is fulfilled by the signer hereto upon the delivery of this appraisal duly executed.
8. I, M. Freddie Bajalia, am authorized by the Real Estate Appraisers Board of the State of Georgia, to transact business as a Certified Real Estate Appraiser (Certificate No.004539).
9. As of the date of this report, I have completed all requirements of the continuing education program of the State of Georgia.
10. No one provided significant professional assistance to the person signing this report.
11. I have no bias with respect to the property that is the subject of this report or to the parties involved with this assignment.

12. I did not base, either partially or completely, my analysis and/or opinion of market value in the appraisal report on the race, color, religion, sex, handicap, familial status, or national origin of either the current or prospective owners/occupants of the subject property or of the current or prospective owners/occupants of properties in the vicinity of the subject property.
13. The use of this report is subject to the requirements of the Appraisal Institute relating to review by its duly authorized representatives.
14. The contract for the appraisal of said property is fulfilled by the signer hereto upon delivery of this appraisal duly executed.
15. I have no current or prospective interest in the subject property or the parties involved; and no services were performed by the appraiser within the three year period immediately preceding acceptance of this assignment, as an appraiser or in any capacity.
16. After considering the information and data utilized, I am of the opinion that the market value of the fee simple interest in both the parent tract and the proposed acquisition, as of August 01, 2019, the date of inspection and the effective date of the appraisal, are then:

SUMMARY OF FINDINGS:

Fee Simple Interest in the parent tract (08-01-19):	\$10,400.00
Proposed Acquisition (08-01-19):	\$1,469.00

08-05-19
Date



M. Freddie Bajalia
CG4539

LIMITING CONDITIONS

This appraisal is made subject to the following conditions:

1. No responsibility is assumed for the legal description or for matters including legal or title considerations. Title to the property is assumed to be good and marketable, unless otherwise stated.
2. The property is appraised free and clear of any or all liens or encumbrances, unless otherwise stated.
3. Responsible ownership and competent property management are assumed.
4. The information furnished by others is believed to be reliable. However, no warranty is given for its accuracy. If, for any reason, future investigation reveals information which substantially varies from that given in this report, the appraiser retains the right to change any or all of this report.
5. All engineering is assumed to be correct. The plot plan and illustrative material in this report are not included.
6. It is assumed that there are no hidden or unapparent conditions of the property, subsoil, or structure that render it more or less valuable (included but not limited to contaminated soils, illegal asbestos insulation, radon gas, termite and/or water damage and dry rot to the structures.) It is also assumed that all plumbing, electrical, and all other systems are in good working order unless otherwise noted. No responsibility is assumed or such conditions or for engineering studies that may be required to discover them.
7. It is assumed that there is full compliance with all applicable federal, state, and local environmental regulations and laws unless a noncompliance is stated, defined, and considered in the appraisal report.
9. It is assumed that all applicable zoning and use regulations and restrictions have been complied with, unless nonconformity has been stated, defined, and considered in this appraisal report.

10. It is assumed that all required licenses, certificates of occupancy, consents, or other legislative or administrative authorities from any local, state, or national government or private entity or organization have been or can be obtained or renewed for any use on which the value estimate contained in this report is based.
11. It is assumed that the utilization of the land and improvements is within the boundaries or property lines of the property described and that there is no encroachment or trespass unless noted in the report.
11. The distribution, if any, of the total valuation in this report between land and improvements applies only under the stated program of utilization. The separate allocations for land and buildings must not be used in conjunction with any other appraisal and are valid if so used.
12. Possession of this report, or a copy thereof, does not carry with it the right of publication. It may not be used by any person for any purpose other than the party to whom it is addressed without the written consent of the appraiser, and in any event only with proper written qualification and only in its entirety.
13. The appraiser, by reason of this appraisal, is not required to give further consideration, testimony, or be in attendance in court with reference to the property in questions unless arrangements have been previously made.
14. Neither all nor any part of the contents of this report (especially any conclusions as to value, the identity of the appraiser, or the firm with which the appraiser is connected) shall be disseminated to the public through advertising, public relations, news sales, or other media without prior written consent and approval of the appraiser.
15. Additional copies of this- report can be made available to the client at a charge to cover administrative costs.
16. As per my clients request, this appraisal is an Appraisal Report presented in a Standard Format.
17. Bajalia and Associates has not observed, yet is not qualified to detect, the existence of potentially hazardous material or underground storage tanks which may be present on or near the site. The existence of hazardous materials or underground storage tanks may have an effect on the value of the property. For this appraisal, I have specifically assumed that the property is not affected by any hazardous materials and/or underground storage tanks which may be present on or near the property.

ADDENDA

QUALIFICATIONS OF M. FREDDIE BAJALIA
Georgia Real Estate Appraisers Board Certificate No. 004539

EDUCATION

I received my Bachelor of Business Administration Degree in Management from Valdosta State University.

EMPLOYMENT HISTORY

- Manager, Camera America Stores, 1987 to 1990
- Appraiser Associate, Fred M. Bajalia, MAI and Associates, 1987 to 1990
- Commercial Appraiser for Lowndes County Assessor's Office
- Sole Proprietor, Bajalia and Associates, Appraisers, 1990 to present.

APPRAISAL COURSES COMPLETED

Completion Date	School Name	Course Name
01/17/2019	GA MLS TRAINING INSTITUTE	RESIDENTIAL APPRAISER SITE VALUATION AND COST APPROACH
02/04/2018	McKissock Continuing Education	2018-2019 7- HOUR NATIONAL USPAP UPDATE COURSE
02/02/2018	GA MLS TRAINING INSTITUTE	RESIDENTIAL MARKET ANALYSIS AND HIGHEST AND BEST USE
01/23/2017	GA MLS TRAINING INSTITUTE	RESIDENTIAL APPRAISER SITE VALUATION AND COST APPROACH
02/07/2016	GA MLS TRAINING INSTITUTE	RESIDENTIAL MARKET ANALYSIS AND HIGHEST AND BEST USE
02/05/2016	GA MLS TRAINING INSTITUTE	2016-2017 7-HOUR EQUIVALENT USPAP UPDATE COURSE (COMPUTER-BASED)
02/15/2015	GA MLS TRAINING INSTITUTE	RESIDENTIAL APPRAISER SITE VALUATION AND COST APPROACH
02/05/2014	GA MLS TRAINING INSTITUTE	2014-2015 7-HOUR EQUIVALENT USPAP UPDATE COURSE
02/02/2014	GA MLS TRAINING INSTITUTE	METHODOLOGY AND APPLICATION IN SALES COMPARISON
02/01/2014	GA MLS TRAINING INSTITUTE	APPRAISAL REVIEW OF RESIDENTIAL PROPERTIES
02/10/2013	GA MLS TRAINING INSTITUTE	MARKET ANALYSIS AND HIGHEST AND BEST USE

SEMINARS ATTENDED

- Analyzing Operating Expenses, Seminar, Atlanta, Georgia, 1993
- Environmental Hazards, Seminar, Valdosta, Georgia, May 24, 1995
- Eminent Domain, Seminar, Valdosta, Georgia, May 24, 1995
- Real Estate Licensing

CLIENTS SERVED

Citizens Community Bank	Farmers and Merchants Bank
First Port City Bank	Bemiss Citizens Bank
First Federal Savings Bank	Ameris Bank
First State Bank	BB&T Bank
Colony Bank	Guardian Bank
Renasant Bank	Synovus Mortgage
SBA	Lowndes County
City of Valdosta	Regions Bank
Bank of Camilla	Southwest Georgia Bank
Several Lawyers in Town	Several Accountants in Town
Citizens Bank of Nashville	Several Builders in Town
First Commerce Credit Union	The Citizens Bank
Citizens National Bank of Quitman	Several Mortgage Companies
Valuation Management Group	Georgia Power Federal Credit
Southeastern Credit Union	The Heritage Bank
Bank of Alapaha	Citibank
Citizens Community Bank	Colony Bank
Community Banking Company of Fitzgerald	Community Bank of Georgia
The Trust Bank	Valuation Management Group, LLC

**STATE OF GEORGIA
REAL ESTATE APPRAISERS BOARD**

MOUSA FRED BAJALIA

4539

IS AUTHORIZED TO TRANSACT BUSINESS IN GEORGIA AS A
CERTIFIED GENERAL REAL PROPERTY APPRAISER

THE PRIVILEGE AND RESPONSIBILITIES OF THIS APPRAISER CLASSIFICATION SHALL CONTINUE IN EFFECT AS LONG AS THE APPRAISER PAYS REQUIRED APPRAISER FEES AND COMPLIES WITH ALL OTHER REQUIREMENTS OF THE OFFICIAL CODE OF GEORGIA ANNOTATED, CHAPTER 43-39-A. THE APPRAISER IS SOLELY RESPONSIBLE FOR THE PAYMENT OF ALL FEES ON A TIMELY BASIS.

D. SCOTT MURPHY
Chairperson

JEANMARE HOLMES
WILLIAM A. MURRAY
KEITH STONE

JEFF A. LAWSON
Vice Chairperson

13762737

MOUSA FRED BAJALIA	ORIGINALLY LICENSED
# 4539	12081983
Status ACTIVE	END OF RENEWAL 0229/2020
CERTIFIED GENERAL REAL PROPERTY APPRAISER	
THIS LICENSE EXPIRES IF YOU FAIL TO PAY RENEWAL FEES OR IF YOU FAIL TO COMPLETE ANY REQUIRED EDUCATION IN A TIMELY MANNER.	
State of Georgia Real Estate Commission Suite 1500 - International Tower 229 Peachtree Street, N.E. Atlanta, GA 30303-1605	LYNN GEMPEY Real Estate Commissioner
	13762737
MOUSA FRED BAJALIA	ORIGINALLY LICENSED
# 4539	12081983
Status ACTIVE	END OF RENEWAL 0229/2020
CERTIFIED GENERAL REAL PROPERTY APPRAISER	
THIS LICENSE EXPIRES IF YOU FAIL TO PAY RENEWAL FEES OR IF YOU FAIL TO COMPLETE ANY REQUIRED EDUCATION IN A TIMELY MANNER.	
State of Georgia Real Estate Commission Suite 1500 - International Tower 229 Peachtree Street, N.E. Atlanta, GA 30303-1605	LYNN GEMPEY Real Estate Commissioner
	13762737

Form Number 8

Revised by 1/20/2019 at 10:38:41 AM



DECLARATIONS
for
REAL ESTATE PROFESSIONAL
ERRORS & OMISSIONS INSURANCE POLICY

THIS IS A CLAIMS MADE INSURANCE POLICY.

THIS POLICY APPLIES ONLY TO THOSE CLAIMS THAT ARE FIRST MADE AGAINST AN
INSURED DURING THE POLICY PERIOD. ALL CLAIMS MUST BE REPORTED IN WRITING TO
THE COMPANY DURING THE POLICY PERIOD OR WITHIN SIXTY (60) DAYS AFTER THE END OF
THE POLICY PERIOD.

Insurance is afforded by the company indicated below: (A capital stock corporation)

Great American Assurance Company

Note: The Insurance Company selected above shall herein be referred to as the Company.

Policy Number: RAB4449166-19 Renewal of: RAB4449166-18

Program Administrator: Herbert H. Landy Insurance Agency Inc.
100 River Ridge Drive, Suite 301
Norwood, MA 02062

Item 1. Named Insured: Bajalia and Associates, LLC

Item 2. Address: 1810 N Ashley St, Ste 8
City, State, Zip Code: Valdosta, GA 31602

Attn:

Item 3. Policy Period: From 04/02/2019 To 04/02/2020
(Month, Day, Year) (Month, Day, Year)
(Both dates at 12:01 a.m. Standard Time at the address of the Named Insured as stated in Item 2.)

Item 4. Limits of Liability: (inclusive of claim expenses):
A. \$ 500,000 Limit of Liability - Each Claim
B. \$1,000,000 Limit of Liability - Policy Aggregate
C. \$ 1,000,000 Limit of Liability - Fair Housing Claims
D. \$ 500,000 Limit of Liability - Fungi Claims

Item 5. Deductible: (inclusive of Claim Expense): \$ 2,500 Each Claim

Item 6. Premium: \$ 1,111.00

Item 7. Retroactive Date (if applicable): 04/02/2007

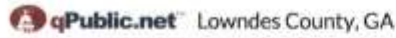
Item 8. Forms, Notices and Endorsements attached:

D43100 (03/15) D43300 GA (05/13)
D43444 (03/17) D43447 (06/17) D43448 (06/17)
D43432 (05/13) D43421 (03/15) D43425 (05/13) H.7324 (08/12)

Signature of Authorized Representative

SUBJECT PHOTOS





Summary

Parcel Number: D147 040
 Location Address: 2675 HOWELL LN
 Legal Description: N/A
 Class: R1-Residential
 Tax District: *Notice: This is for tax purposes only. Not to be used for zoning!*
 02 - Lowndes County (20181022)
 Millage Rate: 28.450
 Acres: 1.18
 Homestead Exemption: No (5/8)
 Landmark Character: 103 / 11
[View Map](#)

Owner

CARE CLC (LLC) (BUSINESS CENTER) CARR
 880 LAZY RIVER LOOP APT. 301
 NEW PORT RICHEY, FL 34655

Rural Land

Type	Description	Calculation Method	Soil Productivity	Acres
RUR	Small Parcels	Rural	1	1.18

Accessory Information

Description	Year Built	Dimensions/Units	Special Units	Value
30 Fence chain link	1998	4x200 / 0	0	\$657
30 Well septic	1998	8x6 / 1	0	\$2008
30 Septic system	1998	8x6 / 1	0	\$2008

Permits

Permit Date	Permit Number	Type	Description
04/29/2003	200302085	SINGLE FAMILY	

Sales

Sale Date	Deed Book / Page	Plat Book / Page	Sale Price	Reason	Grantor	Grantee
3/21/2003	2406/223		\$0	Non-Market	CARE, JAC, E IR & C/O	CARE CLC (LLC) & RUC
11/14/1997	3487/0098		\$9,000	Fair Market - Vacant		CARE, JAC, E IR & C/O
3/16/1994	3104/123		\$1,000	Non-Market		HOWELL, WILLE T
	359/643		\$1,000	Non-Market		JACKSON, KATHERINE

Valuation

	2008	2017	2024	2025
Assessed Value	\$16,341	\$16,341	\$16,341	\$21,197
Land Value	\$17,753	\$31,068	\$30,084	\$10,654
+ Improvement Value	\$0	\$0	\$0	\$0
+ Accessory Value	\$1,657	\$1,657	\$1,657	\$1,657
= Current Value	\$17,410	\$32,725	\$31,741	\$12,311

No data available for the following modules: Land, Conservation Use, Rural Land, Residential Improvement Information, Commercial Improvement Information, Mobile Homes, Public Mobile Homes, Photos, Statistics.

The Lowndes County Board of Assessors makes every effort to produce the most accurate information possible. However, errors, omissions or omissions are provided for the data herein. Exercise interpretation. The assessment information is from the last certified tax roll. Sales information is updated each month. All other data is subject to change.
 Last Data Update: 4/29/2025 4:02:22 AM





Parcel ID	0147 040	Owner	CARR, CECILIA T BURKE A/K/A CECILIA	Last 2 Sales			
Class Code	Residential		CARR	Date	Price	Reason	Qual
Taxing District	02-Lowndes County		8000 LAZY RIVER LOOP APT 301	3/21/2003	0	NM	U
	02-Lowndes County	Physical Address	NEW FORT RICHEY FL 34655	11/14/1997	\$9000	LM	Q
Acres	1.28	Address	3675 N HOWELL LN				
		Assessed Value	Value \$17410				

(Note: Not to be used on legal documents)

Date created: 6/28/2019
 Last Data Uploaded: 6/28/2019 6:44:02 AM

Developed by Schneider
 GEOSPATIAL

02486
00223

44433 1:223

004705
03 MAR 21 PM 4:05

RETURN TO:
JIM S. BENNETT
108 N. PATTERSON STREET
VALDOSTA, GA 31681

004705

DEED OF ASSENT

GEORGIA, LOWNDES COUNTY

THIS INDENTURE, made and entered into this 21st day of March 2003, between CECELIA T. BURKE CARR, not individually, but as Executrix of the estate of JACK EDWARD CARR, JR., late of said county, Party of the First Party, and CECELIA T. BURKE CARR, A/K/A CECILIA CARR, of the County of Lowndes and State of Georgia, Party of the Second Part.

WITNESSETH:

THAT the said Party of the First Part, by virtue of the power and authority vested in her by the terms of the Will of the late JACK EDWARD CARR, JR., which Will has been duly probated and recorded in Lowndes County, Georgia, with Letters Testamentary issued to CECELIA T. BURKE CARR, on March 21, 2003, and recorded in Minute Book 79, page 251, Probate Court of Lowndes County, Georgia, and this deed is made for the purpose of carrying out the terms of said Will and to relinquish any claims which the Executor has against the property hereinafter described.

NOW, THEREFORE, the Party of the First Part, in consideration of the premises and for the further consideration of the sum of one dollar, to him in hand paid, at and before the sealing and delivery of the presents, the receipt whereof is hereby acknowledged, has granted, bargained, sold and conveyed to the Second Part, her heirs and assigns, the following described property:

LEGAL DESCRIPTION IS ATTACHED AS EXHIBIT "A" AND MADE A PART HEREOF BY REFERENCE.

TO HAVE AND TO HOLD the same, together with the rights, accretions and appurtenances thereto belonging, or in anywise appertaining to the Party of the First Part's own proper use, benefit and behoof forever in as full and as ample a manner as the same was possessed or enjoyed by the said JACK EDWARD CARR, JR., deceased, in his lifetime.

IN WITNESS WHEREOF, the Party of the First Part has hereunto set her hand and seal the day and year first above written.

Cecelia T. Burke Carr (SEAL)
CECELIA T. BURKE CARR
NOT INDIVIDUALLY, BUT AS EXECUTRIX
OF THE ESTATE OF JACK EDWARD CARR, JR.

SIGNED, SEALED AND DELIVERED:

Jim S. Bennett
WITNESS
Diana C. Hastings
NOTARY PUBLIC

Lowndes County, Georgia
Real Estate Transfer Tax
\$0
Date 3/21/03
Notary Seal

NOTARY SEAL
EXPIRATION DATE
Notary Public, Lowndes County, Georgia
My Commission Expires Jan. 1, 2007

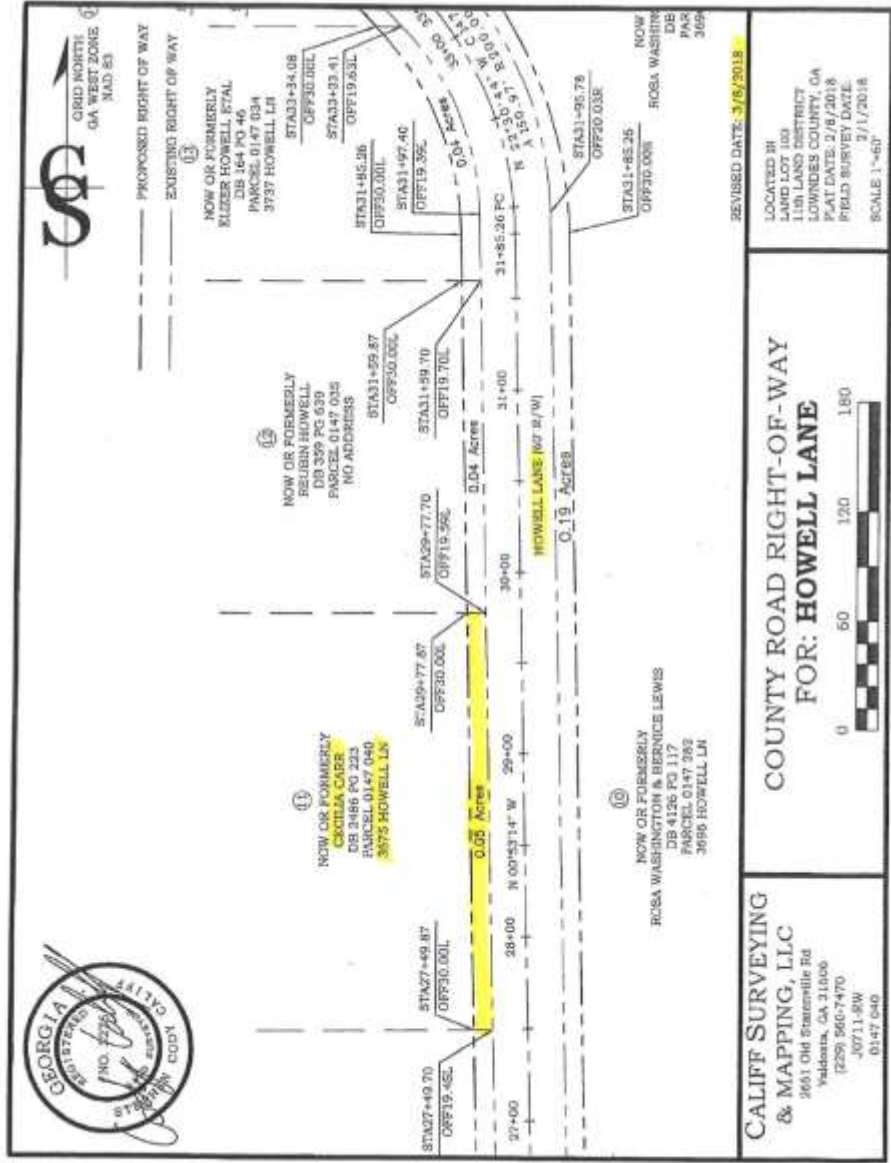
02486
00224

00224

EXHIBIT "A"

ALL THAT TRACT OF PARCELS OF LAND REPRESENTED AND BEING IN LOT 20 OF THE ELEVENTH LAND DISTRICT OF LINCOLN COUNTY, GEORGIA, AND BEING A PORTION OF THAT TRACT OR PARCELS OF LAND CONTAINING FIFTEEN ACRES, MORE OR LESS, AND BOUND ON THE NORTH BY LANDS NOW BELONGING TO EASON WHITE, ON THE SOUTH BY THE DOWELL ROAD AND LANDS NOW OR FORMERLY OF JOHN HEDGECOCK JR. MORTGAGE, SA. THE SAID PORTION IS MORE FULLY DESCRIBED AS FOLLOWS: COMMENCING AT THE SOUTHEAST CORNER OF THE OVERALL TRACT, RUNNING THENCE NORTHERLY ALONG THE WEST BOUNDARY OF HENWELL ROAD 30 YARDS TO A POINT, RUNNING THENCE WESTERLY PARALLEL TO THE SOUTH BOUNDARY OF THE OVERALL TRACT, 18 YARDS, RUNNING THENCE SOUTHWESTLY PARALLEL WITH THE WEST BOUNDARY OF THE OVERALL TRACT, 18 YARDS TO THE SOUTH BOUNDARY OF THE OVERALL TRACT, RUNNING THENCE EASTERLY ALONG THE SOUTH BOUNDARY OF THE OVERALL TRACT 18 YARDS MORE OR LESS, TO THE POINT OF BEGINNING. SAID TRACT OF LAND CONTAINS 1.18 ACRES, MORE OR LESS.

<https://search.gsecca.org/Imaging/HTML5Viewer.aspx?id=15936932&key1=2486&key2=...> 6/28/2019



CALIFF SURVEYING & MAPPING, LLC
2601 Old Stoneville Rd
Valdosta, GA 31606
(229) 560-7470
J0711-RW
01-17 040

**COUNTY ROAD RIGHT-OF-WAY
FOR: HOWELL LANE**



date: 6/28/2019

author: Web AppBuilder for ArcGIS

VALOR MAP

All should carefully consider the nature of these data and information before using them for decisions that concern public or public safety or the conduct of business that involves substantial monetary or operational consequences. Reliance upon or actions taken on the basis of this data and information are the sole responsibility of the user.

Flood Map

Business/Client					
Property Address	3875 Howell Ln.				
City	Valdosta	County	Way	State	GA Zip Code
Zip Code	31605				
Browser					





via: 6/28/2019

Author: Web AppBuilder for ArcGIS

VALOR MAP

Users should carefully consider the nature of these data and information before using them for decisions that concern personal or public safety or the conduct of business that involves substantial monetary or operational consequences. Reliance upon or actions taken on the basis of this data and information are the sole responsibility of the user.

Location Map

Business/Client				
Property Address	3675 Howell Ln			
City	Valdosta	County		State GA Zip Code 31605
Business				



From IMAP LLC — "IMTOTAL" applied software by a la mode, inc. — 1-800-ALAMODE

Location Map

Date:			
Parcel Address: 3675 Howell Lane North			
City: Valdosta	County: Lowndes	State: Ga.	Zip Code: 31605
Dist:			



From MAP.LDC -- "WATER" appraised software by a la mode, inc. -- 1-800-ALAMODE

Elliott, Blackburn & Gooding, P.C.

ATTORNEYS AT LAW

Walter G. Elliott
James L. Elliott
Thompson H. Gooding, Jr.*
William G. Elliott

Subject to GS and PL

3016 North Patterson Street
Valdosta, Georgia 31602
229.242.3333 • 229.242.0696 (fax)
www.ebbglaw.com

writer's email: tgooding@ebbgglaw.com

W. Gus Elliott
Of Counsel
Oris D. Blackburn, Jr.
(1932-2000)

June 14, 2019

**Certified Mail, Return Receipt Requested
and First Class Mail**

Cecelia T. Burke Carr a/k/a Cecelia Carr
8800 Lazy River Loop, Apt. 1
New Port Richey, FL 34655

and

4940 South Wendler Drive
Suite 101
Tempe, AZ 85282

Re: Acquisition of Road Right of Way
Howell Lane, Lowndes County, GA

Dear Ms. Carr:

This law firm represents Lowndes County, GA. Lowndes County needs to acquire from you a small, narrow strip of 0.05 acres of land running along the existing right of way of Howell Lane in connection with the County's proposed paving of that road (see attached plat).

Lowndes County is certainly willing to pay you fair and just compensation for the subject property and is hopeful of negotiating a voluntary sale of the property with you. Though, if the County and you are unable to reach an agreement on a voluntary sale, then the County will have no alternative but to institute condemnation proceedings in the Lowndes County Superior Court.

The initial step for Lowndes County to acquire the subject property - either through negotiations or condemnation - is to obtain an independent appraisal of the property. The County will pay for the appraisal and provide you with a copy of it once completed. Under Georgia law, you or your representatives have the right to accompany the appraiser during his inspection of the property.

The County has arranged for Freddie Bajalia of Bajalia & Associates to conduct an appraisal of the subject property. Mr. Bajalia is available to inspect the property with you or your representatives for purposes of his appraisal on any of July 1, 8, or 15, 2019 at 9:00 am Valdosta

Cecelia T. Burke Carr a/k/a Cecelia Carr
June 14, 2019
Page Two

time. Certainly, if those three times are not convenient for you to accompany Mr. Bajalia, I am sure that he will work with you to find a mutually convenient time to inspect the property with you or your representatives present. Please call Mr. Bajalia directly at (229) 300-2756 or (229) 293-0065 to coordinate a time with him if you or your representatives wish to accompany him during his inspection of the property.

Once Mr. Bajalia completes his appraisal, Lowndes County intends to make an offer to you to purchase the subject property. The County is certainly hopeful of negotiating a voluntary purchase and sale. Should, however, the County and you not be able to negotiate a voluntary purchase and sale, the County will need to institute condemnation proceedings to acquire the property.

Please feel free to call me if you have any questions. Please do follow up with Mr. Bajalia to set a time for inspecting the subject property with him.

Very truly yours,



Thompson H. Gooding, Jr.

THG/mb

cc: Freddie Bajalia
Mike Fletcher, Lowndes County Engineer

Freddie Bajalia

From: Tom Gooding <tgooding@ebbglaw.com>
Sent: Tuesday, June 04, 2019 9:30 AM
To: Freddie Bajalia
Cc: Mike Fletcher
Subject: Appraisal of Howell Lane ROW
Attachments: ROW Plat - Carr property.pdf; Deed of Assent - Carr.pdf

Freddie,

I need your appraisal for Lowndes County of the 0.05 acres of property owned of record by Cecelia Carr shown on the attached plat. The County needs to acquire fee simple title to this property for road ROW for its Howell Lane paving project. I've also attached the vesting deed to Ms. Carr.

The County has been unable to contact Ms. Carr. She apparently lives out of state. The County still hopes to negotiate a purchase of the property, but will condemn the property if necessary.

As you know, the property owner or its representatives must be given the opportunity to accompany you during your site visit to the property. Please let me know 3 or so times that you can visit the property. I think we should give her 2-3 weeks' notice of those dates to give Ms. Carr reasonable advance notice to choose a date if she wants to accompany you.

Let me know if you want to discuss. Thanks.

Tom Gooding
Elliott, Blackburn & Gooding, PC
Attorneys at Law
3016 North Patterson Street
Valdosta, GA 31602
(229) 242-3333, ext. 15 (voice)
(229) 242-0696 (fax)

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M. FREDDIE BAJALIA
BAJALIA AND ASSOCIATES
1810 NORTH ASHLEY STREET-SUITE 8
VALDOSTA, GEORGIA 31602
(229) 293-0065

August 05, 2019

Lowndes County
C/O Mr. Thomas H. Gooding, Jr.
Elliott, Blackburn & Gooding
Attorneys at Law
3016 North Patterson Street
Valdosta, Georgia 31602

Re: Appraisal Report in a Standard Format on a proposed acquisition of a 0.05 acres strip of land located at 3675 Howell Lane North, involving a paving project of Howell Lane, in Valdosta, Lowndes County, Georgia.

R/W Acquisition (Howell Lane)-File#C093..... \$2,500.00

Thank you for allowing me the opportunity to be of service to you.

Sincerely,



M. Freddie Bajalia
GA. State Certificate No. 004539

ATTENTION: PLEASE INCLUDE FILE NUMBER WITH PAYMENT.

LOWNDES COUNTY BOARD OF COMMISSIONERS
COMMISSION AGENDA ITEM

SUBJECT: SPLOST VIII

Work Session/Regular Session

DATE OF MEETING: August 13, 2019

BUDGET IMPACT:

FUNDING SOURCE:

() Annual

() Capital

(X) N/A

() SPLOST

() TSPLOST

COUNTY ACTION REQUESTED ON: Resolution calling for reimposition of tax

HISTORY, FACTS AND ISSUES: Further to the SPLOST VIII Agreement, the Resolution of the Board of Commissioners calling for the tax to be reimposed is attached.

In addition to calling for the tax to be reimposed, this Resolution states the purposes for which the proceeds of the tax may be used, the maximum period of time in calendar years for which the tax may be levied, and the estimated costs of the projects to be funded with the proceeds of the tax.

OPTIONS: 1. Approve and authorize the chairman to sign the resolution as presented.
2. Board's pleasure

RECOMMENDED ACTION: Approve

DEPARTMENT: County Manager

DEPARTMENT HEAD: Joseph Pritchard

ADMINISTRATIVE COMMENTS AND RECOMMENDATIONS:

A RESOLUTION

OF THE BOARD OF COMMISSIONERS OF LOWNDES COUNTY, GEORGIA, TO REIMPOSE AND TO CALL FOR THE REIMPOSITION OF THE COUNTY SPECIAL PURPOSE LOCAL OPTION SALES TAX AUTHORIZED BY PART 1 OF ARTICLE 3 OF CHAPTER 8 OF TITLE 48 OF THE OFFICIAL CODE OF GEORGIA ANNOTATED; TO SPECIFY THE PURPOSES FOR WHICH THE PROCEEDS OF THE TAX ARE TO BE USED AND MAY BE EXPENDED; TO SPECIFY THE MAXIMUM PERIOD OF TIME FOR WHICH THE TAX SHALL BE REIMPOSED; TO SPECIFY THE ESTIMATED COST OF THE PROJECTS TO BE FUNDED FROM THE PROCEEDS OF THE TAX; TO REQUEST THE ELECTION SUPERINTENDANT TO ISSUE THE CALL FOR AN ELECTION SUBMITTING THE QUESTION OF THE REIMPOSITION OF THE TAX TO THE VOTERS; TO REQUEST THE ELECTION SUPERINTENDANT TO CAUSE THE DATE AND PURPOSE OF THE ELECTION TO BE PUBLISHED; TO REQUEST THE ELECTION SUPERINTENDANT TO PREPARE THE BALLOT FOR THE ELECTION; TO REQUEST THE ELECTION SUPERINTENDANT TO CONDUCT THE ELECTION; AND FOR RELATED PURPOSES.

WHEREAS, Part 1 of Article 3 of Chapter 8 of Title 48 of the Official Code of Georgia Annotated (the “Act”), authorizes the governing authority of any county, subject to the requirement of referendum approval and the other requirements of the Act, to impose or reimpose, as applicable, and to call for the imposition or reimposition, as applicable, of the county special purpose local option sales tax authorized by the Act (the “tax”) within the special district created by the Act corresponding with the geographical boundary of the county for a limited period of time;

WHEREAS, such tax is currently imposed and in effect in the special district created by the Act corresponding with the geographical boundary of Lowndes County;

WHEREAS, the Board of Commissioners of Lowndes County (the “Board of Commissioners”) has determined that the reimposition of the tax in special district created by the Act corresponding with the geographical boundary of the Lowndes County is in the best interest of the citizens of Lowndes County;

WHEREAS, as provided by the Act, the Board of Commissioners delivered written notice to the mayors of the municipalities (the “Municipalities”) of the Lowndes County of a meeting to discuss possible projects for inclusion in the referendum required by the Act;

WHEREAS, representatives of the Board of Commissioners and Municipalities met as provided by the Act to discuss possible projects for inclusion in the referendum required by the Act;

WHEREAS, the Board of Commissioners and the Municipalities have entered into an intergovernmental agreement authorized by the Act;

WHEREAS, said intergovernmental agreement specifies, among other things, eligible expenditures identified by Board of Commissioners and the Municipalities for the use of the proceeds of the tax;

NOW, THEREFORE, BE IT RESOLVED by the Board of Commissioners:

I.

The Board of Commissioners hereby reimposes and calls for the reimposition of the tax in the special district created by the Act corresponding with the geographical boundary of the Lowndes County upon the termination and expiration of the tax now in effect in such special district for the limited period of time specified herein.

II.

The reimposition of the tax is and shall be subject to the requirement of referendum approval and the other requirements of the Act.

III.

The eligible expenditures identified by the Board of Commissioners and the Municipalities for inclusion in the referendum required by the Act and the purposes for which the proceeds of the tax are to be used and may be expended are:

(a) by Lowndes County for purposes of capital outlay projects, including major permanent, long-lived improvements or betterments and major capital equipment, consisting of:

<u>project</u>	<u>estimated cost</u>
• construction of, and improvements to, parks and recreation facilities including athletic fields	\$ 13,274,932
• improvements to airport terminal facilities	\$ 2,000,000
• major capital equipment for law enforcement purposes, including law enforcement vehicles, and improvements to law enforcement facilities	\$ 3,000,000
• improvements to historic courthouse facility	\$ 9,000,000
• construction of new animal welfare facility	\$ 3,000,000
• construction of and capital equipment for a senior citizens center	\$ 2,500,000
• improvements to 9-1-1 call answering and emergency vehicle dispatch facilities	\$ 350,000
• construction of record storage facilities	\$ 375,000
• acquisition of property for, and improvements to, health department facilities	\$ 250,000
• construction of Clyattville community center	\$ 300,000
• improvements to, and capital equipment for, southside branch library facility, including new event and educational facilities	\$ 175,000
• improvements to, and capital equipment for, emergency medical services facilities	\$ 550,000
• improvements to historic Carnegie library museum facility	\$ 150,000

• improvements to, and maintenance of, road and bridge facilities	\$ 2,500,000
• capital equipment for public works services	\$ 1,500,000
• construction of, improvements to, and capital equipment for water and sewer facilities	\$ 23,000,000
Total	\$ 61,924,932

(b) by the City of Valdosta for purposes of capital outlay projects, including major permanent, long-lived improvements or betterments and major capital equipment, consisting of:

<u>project</u>	<u>estimated cost</u>
• construction of and improvements to road, street, and bridge facilities to include sidewalks, bike lanes, city rights-of-way, to include land acquisition, traffic signals and intersection improvements, resurfacing, street repairs and materials, technology improvements, and other transportation systems and equipment improvements	\$ 10,620,100
• construction of and improvements to drainage infrastructure systems, and facilities to include the purchase of land, property, and capital equipment for the maintenance of drainage systems and piping of ditches	\$ 2,621,718
• construction of and improvements to major capital equipment for police facilities, other police equipment, and technology improvements to include in-car camera systems	\$ 850,000
• construction of and improvements to major capital equipment for parks and recreation to include land acquisition, facility improvements, and renovations	\$ 3,500,000
• construction of and improvements to major capital equipment for firefighting	\$ 455,000
• construction of and improvements to water and sewer facilities, to include equipment, land acquisition, and construction of water and wastewater facilities, plants, infrastructure, materials, and capital equipment	\$ 28,650,000

• construction of and improvements to major capital equipment for public works facilities, to include sanitation vehicles and other public works vehicles	\$ 2,325,000
• major repairs, renovations, and capital equipment for administrative buildings, including computer hardware and software	\$ 4,750,000
• payment of existing bond debt and/or loan obligations for water and wastewater improvements and capital expenditures	\$ 10,917,140
• purchase of property, land, and streetscape improvements, design, and construction of capital improvements projects as identified in the Downtown Valdosta Strategic Master Plan	\$ 312,925
Total	\$ 65,001,883

(c) by the City of Hahira for purposes of capital outlay projects, including major permanent, long-lived improvements or betterments and major capital equipment, consisting of:

<u>project</u>	<u>estimated cost</u>
• construction of, improvements to, and major capital equipment for road, street, and bridge facilities, sidewalks, bicycle and cart paths and trails, including acquisition of rights of way, improvement of surface-water drainage, widening, resurfacing, leveling, and other repairs for preservation of road, street, and bridge facilities	\$ 500,000
• construction of, improvements to, and major capital equipment for water and sewer facilities	\$1,245,586
• construction of, improvements to, and major capital equipment for public safety facilities, including police and firefighting and rescue equipment, computer equipment, communications equipment, police and fire department vehicles, and acquisition of property	\$1,000,000
• construction of, improvements to, and major capital equipment for administrative facilities, including city hall, computer equipment, and technology upgrades	\$ 350,000
• construction of, improvements to, and capital equipment for city parks and recreation facilities, including acquisition of property and construction of parks	\$ 350,000
Total	\$3,445,586

(d) by the City of Remerton for purposes capital outlay projects, including major permanent, long-lived improvements or betterments and major capital equipment, consisting of:

<u>project</u>	<u>estimated cost</u>
<ul style="list-style-type: none"> • construction of and improvements to road, street, and bridge facilities to include sidewalks, bike lanes, piping of ditches, city rights-of-way to include land acquisition, traffic equipment and technology improvements, resurfacing, street repairs and materials 	\$ 150,000
<ul style="list-style-type: none"> • construction of and improvements to water, sewer, sanitation, and public works facilities, including, but not limited to acquisition of equipment, vehicles, and technology improvements and payment for services rendered in connection therewith 	\$ 350,000
<ul style="list-style-type: none"> • purchase of equipment and technology improvements for public safety including but not limited to public safety vehicles and payment for services in connection therewith 	\$ 300,000
<ul style="list-style-type: none"> • construction of and improvements and/renovations to, or the purchase of property for municipal facilities, and purchase of furniture, fixtures, and equipment related thereto 	\$ 453,359
Total	\$ 1,253,359

(e) by the City of Dasher for purposes of capital outlay projects, including major permanent, long-lived improvements or betterments and major capital equipment, consisting of:

<u>project</u>	<u>estimated cost</u>
<ul style="list-style-type: none"> • completion of plans for digital information center (library, technological equipment, and software) 	\$ 404,808
<ul style="list-style-type: none"> • pre-construction plans of major access road between South Hwy 41 and Carrol Ulmer, pedestrian/golf cart path, roads, and bridges 	\$ 370,110
<ul style="list-style-type: none"> • construction and/or improvements to sewage and/or water distribution systems 	\$ 289,148
<ul style="list-style-type: none"> • construction of and improvements to parks and recreation facilities including land development, including Triple Lakes Wildlife Refuge 	\$ 92,527
Total	\$ 1,156,593

(f) by the City of Lake Park for purposes of capital outlay projects, including major permanent, long-lived improvements or betterments and major capital equipment, consisting of:

<u>project</u>	<u>estimated cost</u>
• construction of and improvements to road, street, and bridge facilities, sidewalks, bicycle/cart paths and trails, including acquisition of rights of way, improvement of surface-water drainage, widening, resurfacing, leveling, and other repairs for preservation of road, street, and bridge facilities	\$ 277,943
• construction of and improvements to water and sewer facilities	\$ 202,941
• construction of and major capital equipment for public works facilities, including maintenance building facilities, service vehicles and maintenance equipment, and acquisition of property for construction of a maintenance building	\$ 127,941
• improvements to and major capital equipment for public safety facilities, including police and firefighting and rescue equipment, computer equipment, communications equipment, and police and fire department vehicles	\$ 202,941
• improvements to and major capital equipment for administrative facilities, including improvements to city hall, computer equipment, and technology upgrades	\$ 277,941
• improvements to and capital equipment for city parks and recreation facilities, including acquisition of property, construction of parks, and renovation and restoration of civic center and other historic structures	\$ 127,941
Total	\$1,217,648

IV.

In accordance with authorization of the Revenue Commissioner of the State of Georgia given pursuant to OCGA § 48-8-112(c)(2), the tax shall be reimposed without interruption upon the termination of such tax now in effect in the special district created by the Act corresponding with the geographical boundary of Lowndes County.

V.

The maximum period of time that the tax will be reimposed is the six calendar years of 2020 through 2025.

VI.

The estimated cost of the projects which will be funded from the proceeds of the tax, which is also the estimated amount of the net proceeds raised by the tax, is \$134,000,000.

VII.

A copy of this Resolution calling for the reimposition of the tax shall be forwarded to the Election Superintendent of Lowndes County in accordance with the Act.

VIII.

The Election Superintendent of Lowndes County is requested to issue the call for an election for the purpose of submitting the question of the reimposition of the tax to the voters of Lowndes County in accordance with this Resolution and the Act.

IX.

The Election Superintendent of Lowndes County is requested to cause the date and purpose of the election to be published in the official organ of Lowndes County in accordance with the Act.

X.

The Election Superintendent of Lowndes County is requested to prepare the ballot submitting the question of the reimposition of the tax in accordance with this Resolution and the Act for the maximum period of time specified herein, for raising the estimated amount specified herein, for the purposes specified herein.

XI.

The Election Superintendent of Lowndes County is requested to conduct the election of the question of the reimposition of the tax on a date and in a manner authorized by the Act and the election laws of the State of Georgia.

XII.

The proper officers and agents of Lowndes County are hereby authorized to take any and all further actions as any of such officers or agents may deem necessary or convenient in connection with the reimposition of the tax.

So resolved, this 13th day of August, 2019.

BOARD OF COMMISSIONERS OF LOWNDES COUNTY

By: _____
Bill Slaughter, Chairman

Attest: _____
Paige Dukes, Clerk

LOWNDES COUNTY BOARD OF COMMISSIONERS
COMMISSION AGENDA ITEM

SUBJECT: LAS & Pump Station Improvements

Work Session/Regular Session

DATE OF MEETING: August 13, 2019

BUDGET IMPACT: \$1,520,858.00

FUNDING SOURCE:

- Annual
- Capital
- N/A
- SPLOST
- TSPLOST

COUNTY ACTION REQUESTED ON: Bid for LAS & Pump Station Improvements

HISTORY, FACTS AND ISSUES: Bids were received for improvements to the LAS, Bevel Creek, Francis Lake, and Coleman Road lift stations. Doyle Hancock & Sons Construction, Inc. was the low bidder. All bids were higher than anticipated. After negotiations with the low bidder an agreement was reached between the parties. Staff recommends the project be approved and authorize the chairman to sign the notice of award in the amount of \$1,520,858.00

Doyle Hancock & Sons Construction, Inc.	\$2,495,140.00
JS Haren Company	\$2,547,000.00
RPI Underground, Inc.	\$3,122,169.00
Standard Contractors, Inc.	\$3,312,766.00

- OPTIONS: 1. Approve
2. Board's pleasure

RECOMMENDED ACTION: Approve

DEPARTMENT: Utilities

DEPARTMENT HEAD: Steve Stalvey

ADMINISTRATIVE COMMENTS AND RECOMMENDATIONS:

COST ADJUSTMENTS SPREADSHEET

BASE BID:					Original Bid	
Item No.	Description	Qty	Unit	Unit Price	Total Price	
1	Headworks Modifications	1	LS	\$ 374,590.00	\$ 374,590.00	
2	Aeration Pond Improvements	1	LS	\$ 410,000.00	\$ 410,000.00	
3	Dryng Beds	1	LS	\$ 287,122.00	\$ 287,122.00	
4	Effluent Modifications	1	LS	\$ 183,681.00	\$ 183,681.00	
5	Coleman Road Pump Station Valve Vault Conversion	1	LS	\$ 157,535.00	\$ 157,535.00	
6	Francis Lake Pump Station Valve Vault Conversion	1	LS	\$ 177,910.00	\$ 177,910.00	
7	Bevel Creek Pump Station Valve Vault Conversion	1	LS	\$ 144,538.00	\$ 144,538.00	
8	Coleman Road Pump Station VFD Conversion & Electrical	1	LS	\$ 209,384.00	\$ 209,384.00	
9	Francis Lake Pump Station VFD Conversion & Electrical	1	LS	\$ 194,490.00	\$ 194,490.00	
10	Bevel Creek Pump Station VFD Conversion & Electrical	1	LS	\$ 237,140.00	\$ 237,140.00	
11	Coleman Road Pump Station Ventilation System	1	LS	\$ 39,000.00	\$ 39,000.00	
12	Francis Lake Pump Station Ventilation System	1	LS	\$ 39,000.00	\$ 39,000.00	
13	Bevel Creek Pump Station Ventilation System	1	LS	\$ 40,750.00	\$ 40,750.00	
TOTAL BASE BID					\$ 2,495,140.00	

Doyle Hancock & Sons Construction, Inc

Revised Bid for Award				Cost Reduction Description	
Qty	Unit Price	Total Price			
1	\$ 373,535.00	\$ 373,535.00	Electrical cost reduction		
0	\$ 410,000.00	\$ -	Removed from bid		
1	\$ 172,484.00	\$ 172,484.00	Swap to concrete structure, reduce electrical, switch to County provided Eone station		
0	\$ 183,681.00	\$ -	Removed from bid		
1	\$ 152,535.00	\$ 152,535.00	Swap to ARI valves		
0	\$ 177,910.00	\$ -	Removed from bid		
1	\$ 137,038.00	\$ 137,038.00	Swap to ARI valves		
1	\$ 199,280.00	\$ 199,280.00	Electrical cost reduction		
1	\$ 180,546.00	\$ 180,546.00	Electrical cost reduction		
1	\$ 227,000.00	\$ 227,000.00	Electrical cost reduction		
1	\$ 38,340.00	\$ 38,340.00	Electrical cost reduction		
0	\$ 39,000.00	\$ -	Removed from bid		
1	\$ 40,100.00	\$ 40,100.00	Electrical cost reduction		
		\$ 1,520,858.00			

Doyle Hancock & Sons Construction, Inc

**SECTION 00510
NOTICE OF AWARD**

PROJECT DESCRIPTION:

South Lowndes LAS & Pump Station Improvements

The OWNER has considered the BID submitted by you for the above described WORK in response to its Advertisement for Bids dated May 15, 2019, and Instructions to Bidders.

You are hereby notified that your BID has been accepted for items in the amount of One million, five hundred twenty thousand, eight hundred fifty-eight and 00/100 dollars (\$1,520,858.00).

You are required by the Instructions to Bidders to execute the Agreement and furnish the required CONTRACTOR's Performance BOND, Payment BOND, and Certificates of Insurance within fifteen (15) calendar days from the date of the Notice to you.

If you fail to execute said Agreement and to furnish said BONDS within fifteen (15) days from the date of this notice, said OWNER will be entitled to consider all your rights arising out of the OWNER'S acceptance of your BID as abandoned and as a forfeiture of your BID BOND. The OWNER will be entitled to such other rights as may be granted by law.

You are required to return an acknowledged copy of this NOTICE of AWARD to the OWNER.

Dated this ____ day of _____, 2019.

Lowndes County Board of Commissioners
OWNER

By: _____

Title: _____

ACCEPTANCE OF NOTICE

Receipt of the above NOTICE OF AWARD is hereby acknowledged by Doyle Hancock & Sons

Construction, Inc. this ____ day of _____, 2019.

By: _____

Title: _____

END OF SECTION

**BID TABULATION FOR ALL BIDS
RECEIVED AT LOWNEDES COUNTY ADMINISTRATION BUILDING
ON WEDNESDAY, MAY 15, 2019
PROJECT: SOUTH LOWNEDES LAS & PUMP STATION IMPROVEMENTS
C&S PROJ. NO.: 18400.066**

BASE BID:

LAS & Pump Station Improvements

Doyle Hancock & Sons Construction, Inc. 4182 GA Hwy 33 South Doerun, GA 31744	J.S. Haren Company 1175 Hwy 11 North Athens, TN 37303	RPI Underground, Inc. 119 Blanchard Street Valdosta, GA 31601	Standard Contractors, Inc. 720 Gil Harbin Industrial Blvd. Valdosta, GA 31601
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Item No.	Description	Qty	Unit	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	Headworks Modifications	1	LS	\$ 374,590.00	\$ 374,590.00	\$ 340,000.00	\$ 340,000.00	\$ 364,226.00	\$ 364,226.00	\$ 411,326.00	\$ 411,326.00
2	Aeration Pond Improvements	1	LS	\$ 410,000.00	\$ 410,000.00	\$ 800,000.00	\$ 800,000.00	\$ 515,462.00	\$ 515,462.00	\$ 662,760.00	\$ 662,760.00
3	Drying Beds	1	LS	\$ 287,122.00	\$ 287,122.00	\$ 330,000.00	\$ 330,000.00	\$ 258,535.00	\$ 258,535.00	\$ 399,920.00	\$ 399,920.00
4	Effluent Modifications	1	LS	\$ 183,681.00	\$ 183,681.00	\$ 185,000.00	\$ 185,000.00	\$ 185,702.00	\$ 185,702.00	\$ 190,729.00	\$ 190,729.00
5	Coleman Road Pump Station Valve Vault Conversion	1	LS	\$ 157,535.00	\$ 157,535.00	\$ 60,000.00	\$ 60,000.00	\$ 258,500.00	\$ 258,500.00	\$ 257,496.00	\$ 257,496.00
6	Francis Lake Pump Station Valve Vault Conversion	1	LS	\$ 177,910.00	\$ 177,910.00	\$ 60,000.00	\$ 60,000.00	\$ 315,000.00	\$ 315,000.00	\$ 289,734.00	\$ 289,734.00
7	Bevel Creek Pump Station Valve Vault Conversion	1	LS	\$ 144,538.00	\$ 144,538.00	\$ 80,000.00	\$ 80,000.00	\$ 270,300.00	\$ 270,300.00	\$ 206,012.00	\$ 206,012.00
8	Coleman Road Pump Station VFD Conversion & Electrical	1	LS	\$ 209,384.00	\$ 209,384.00	\$ 150,000.00	\$ 150,000.00	\$ 220,500.00	\$ 220,500.00	\$ 216,974.00	\$ 216,974.00
9	Francis Lake Pump Station VFD Conversion & Electrical	1	LS	\$ 194,490.00	\$ 194,490.00	\$ 150,000.00	\$ 150,000.00	\$ 245,800.00	\$ 245,800.00	\$ 193,564.00	\$ 193,564.00
10	Bevel Creek Pump Station VFD Conversion & Electrical	1	LS	\$ 237,140.00	\$ 237,140.00	\$ 212,000.00	\$ 212,000.00	\$ 313,500.00	\$ 313,500.00	\$ 264,387.00	\$ 264,387.00
11	Coleman Road Pump Station Ventilation System	1	LS	\$ 39,000.00	\$ 39,000.00	\$ 60,000.00	\$ 60,000.00	\$ 55,552.00	\$ 55,552.00	\$ 70,715.00	\$ 70,715.00
12	Francis Lake Pump Station Ventilation System	1	LS	\$ 39,000.00	\$ 39,000.00	\$ 60,000.00	\$ 60,000.00	\$ 55,552.00	\$ 55,552.00	\$ 72,542.00	\$ 72,542.00
13	Bevel Creek Pump Station Ventilation System	1	LS	\$ 40,750.00	\$ 40,750.00	\$ 60,000.00	\$ 60,000.00	\$ 63,540.00	\$ 63,540.00	\$ 76,607.00	\$ 76,607.00
TOTAL BASE BID				\$	2,495,140.00	\$	2,547,000.00	\$	3,122,169.00	\$	3,312,766.00

I hereby certify that this a true and accurate Bid Tabulation of bids received Wednesday, May 15, 2019.


 Charlie Tucker, P.E. License No.: 38574

LOWNDES COUNTY BOARD OF COMMISSIONERS
COMMISSION AGENDA ITEM

SUBJECT: Paving on Howell Lane and a portion of Lester Road

Work Session/Regular Session

DATE OF MEETING: August 13, 2019

BUDGET IMPACT: \$849,354.00

FUNDING SOURCE:

() Annual

() Capital

() N/A

(X) SPLOST/LMIG

() TSPLOST

COUNTY ACTION REQUESTED ON: Paving on Howell Lane and a portion of Lester Road

HISTORY, FACTS AND ISSUES: Lowndes County solicited bids for paving on Howell Lane and a portion of Lester Road. Howell Lane runs between Mt. Zion Church Road and Knights Academy Road, and the portion of Lester Road included runs between Copeland Road and Inner Perimeter Road. The LMIG Grant provided by the Georgia DOT will pay \$750,000.00, with the remaining amount being paid from SPLOST funds. The project will consist of clearing, grading, drainage, limerock base, and asphalt paving. Vendors present for the pre-bid meeting held on July 10, 2019 were Reames and Son Construction, Southland Contractors, and The Scruggs Company. Lowndes County received three bids on July 31, 2019.

Bids that met specifications are as follows:

Reames and Son Construction Valdosta, Georgia \$884,508.95

Southland Contractors Valdosta, Georgia \$1,272,592.29

The Scruggs Company Valdosta, Georgia \$849,354.00

OPTIONS: 1. Accept bid proposal and authorize execution of contract to The Scruggs Company or direct otherwise.
2. Board's Pleasure

RECOMMENDED ACTION: Accept

DEPARTMENT: Engineering

DEPARTMENT HEAD: Mike Fletcher

ADMINISTRATIVE COMMENTS AND RECOMMENDATIONS:

LOWNDES COUNTY BOARD OF COMMISSIONERS
COMMISSION AGENDA ITEM

SUBJECT: Replacement of Hickory Grove Road Bridges

Work Session/Regular Session

DATE OF MEETING: August 13, 2019

BUDGET IMPACT: \$2,613,684.00

FUNDING SOURCE:

- Annual
- Capital
- N/A
- SPLOST
- TSPLOST

COUNTY ACTION REQUESTED ON: Replacement of Hickory Grove Road Bridges

HISTORY, FACTS AND ISSUES: Lowndes County solicited bids to replace two bridges on Hickory Grove Road, over Mud Swamp Creek and Grand Bay Creek. This project is a design build for Georgia DOT approved HS20 bridge structures. The Mud Swamp Creek bridge will be 260 feet long and 30 feet wide. The Grand Bay Creek bridge will be 300 feet long and 30 feet wide. Vendors present for the pre-bid meeting held on 07/10/2019 were Reames and Son Construction, Scott Bridge Company, The Scruggs Company, Southern Concrete Construction Co., and Southland Contractors. Lowndes County received one (1) bid on 07/31/2019.

Southern Concrete Construction Co. Albany, Georgia \$2,613,684.00

- OPTIONS:
1. Accept bid proposal and authorize execution of contract documents with Southern Concrete Construction, Co. or direct otherwise
 2. Board's Pleasure

RECOMMENDED ACTION: Accept

DEPARTMENT: Engineering

DEPARTMENT HEAD: Mike Fletcher

ADMINISTRATIVE COMMENTS AND RECOMMENDATIONS: