2018 SPECIALTY CROP BLOCK GRANT

APPLICATION FORM

USDA SCB COMPETITIVE GRANT
MICHIGAN DEPARTMENT OF AGRICULTURE & RURAL DEVELOPMENT

TO: Heather Throne, Grant Administrator
PO Box 30017
Lansing, MI 48909
(P) 517-712.0841
E-mail: mda-grants@michigan.gov

NAME OF APPLICANT ORGANIZATION: Michigan Blueberry Commission

EMPLOYER IDENTIFICATION NUMBER: 82-2049381

ADDRESS: PO Box 338
CITY: Pullman **STATE: MI** **ZIP: 49450**
CONTACT NAME: Kevin Robson
TITLE: Executive Director
PHONE: 734-716-8960 **E-MAIL: krobson@michfb.com**

CHECK ONE:
For Profit_____
Non-Profit Organization____X_____

PROJECT TITLE

Developing tactics for stem gall wasp control in Michigan blueberries

DURATION OF PROJECT

Start Date: 1/1/19 **End Date**: 8/30/2020

PROJECT PARTNER AND SUMMARY

Include a project summary of 250 words or less suitable for dissemination to the public. A Project Summary provides a very brief (one sentence, if possible) description of your project. A Project Summary includes:

1. *The name of the applicant organization that if awarded a grant will establish an agreement or contractual relationship with the State department of agriculture to lead and execute the project,*
2. *A concise outline of the project's outcome(s), and*
3. *A description of the general tasks to be completed during the project period to fulfill this goal.*

This project by the Michigan Blueberry Commission will address the top priority insect pest concern of the Michigan blueberry industry, the stem gall wasp. This insect has become much worse in recent years and it is having significant economic impact. With limited control options, removal of fields of susceptible cultivars is the main approach to its management, but this is exceptionally expensive and

not practical for most growers. Building on recent research to develop management solutions for this pest, we will partner with research and extension staff at Michigan State University to evaluate new insecticides that can target BSGW both in the adult wasp stage, and as eggs and larvae inside the blueberry stem tissue. This will be done in laboratory and field settings using foliar applications and systems to deliver insecticides to the roots of the plants for uptake into the bushes. New varieties of blueberry will also be evaluated in greenhouse and field settings to support breeding of varieties that are resistant to this pest. As new information on BSGW management is developed, this project will also deliver the information to growers and processors to help improve control of gall wasp and reduce its economic impact.

PROJECT PURPOSE

PROVIDE THE SPECIFIC ISSUE, PROBLEM OR NEED THAT THE PROJECT WILL ADDRESS

The blueberry stem gall wasp, *Hemadas nubilipennis*, is a resurgent pest that has become a severe challenge to manage in infested fields in recent years. It was the top research priority set by the Michigan Blueberry Advisory Committee for three years, and is also the top research priority of the new blueberry commission. An estimated 40% of Michigan's $120 million blueberry industry is planted with cultivars that are susceptible to this insect (USDA-NASS 2016).

Figure 1. Galls formed by blueberry stem gall wasp can contaminate blueberries.

Blueberry stem gall wasp is native to the Midwest and north-eastern North America, and has been found in Michigan, Iowa, Maine, and New York. Females of this tiny wasp lay eggs within young developing shoots of highbush blueberry, and this triggers susceptible cultivars to form a gall. These are multichambered structures up to 2 inches wide that serve as a protective habitat and nutritional source for developing larvae (Figure 1). Gall formation negatively affects plant growth by the females killing the tips of the shoots that they have laid eggs into, and by the feeding of the larvae. Galls are strong sinks for nutrients that redirect resources needed for proper fruit development, leading to significant decreases in crop yield. Preliminary data also shows a reduction in Brix levels in fruit of highly infested bushes (VanTimmeren, unpublished). Additionally, galls are difficult to distinguish from berries during post-harvest sorting, and their presence in final products can result in the rejection of entire shipments, with severe economic implications.

The bloom time emergence of the gall wasp presents a significant problem for is control as growers must be very careful not to cause bee poisoning. There are restrictions on the insecticides that can be applied during bloom, limiting options for gall wasp control. Post-bloom foliar applications immediately once the bees are removed from the fields are the current preferred method, however these sprays do not offer complete management of gall wasp. An additional obstacle is the effective delivery of insecticides to target larvae within the galls once the surface of galls has hardened, and one undeveloped potential approach is the delivery of systemically active insecticides by drip irrigation or chemigation systems.

The BSGW issue has put Michigan growers at a competitive disadvantage compared to other regions and it has become a high priority pest management concern. Additionally, the risk of this pest becoming prevalent in other production regions poses a significant threat to the national blueberry industry. It is imperative to develop short- and long-term management solutions, which is the sole focus of this proposal.

PROVIDE A LISTING OF THE OBJECTIVES THAT THIS PROJECT HOPES TO ACHIEVE

1. **Evaluate new insecticides for pre-bloom and post bloom applications targeting gall wasp.** There are three new foliar insecticides with some potential for control of gall wasp in blueberries (tradenames – Cormoran DC, Verdapryn 100SL, and Argyle.) Due to the small potential market there is limited interest in companies for testing their products for this pest, so we plan to test them against gall wasp at commercial farms in 2019 and 2020, using grower cooperator sites, and with growers making the applications. We will also test these in combination with a pre-bloom application of Sivanto Prime, a bee safe insecticide that has shown promise in recent MSU trials.

2. Evaluate chemigation and injection strategies of delivery for gall wasp control. At farms with drip irrigation or chemigation installed on fields that have infestation of gall wasp, we will apply a series of systemic insecticides (Admire, Venom, Belay and Actara) to bush roots. This trial will be tested across multiple fields to ensure if it can work in different settings and over both years of the project, to determine the effect of successive years of treatment. Treatments will be conducted immediately after bloom, once bees have been removed from the fields, with follow up treatments determined by the labeled recommendation. The effect of treatment on the number and size of gall on the bushes will be determined in the fall of each year, and the effect of treatments on the fitness and emergence of adults of gall wasp will be assessed in the spring as a further indication of treatment effect on populations of gall wasp.

Field studies will also be initiated at the MSU Trevor Nichols Research Center in Fennville, MI. Test substances will include 0.08 g AI/bush of emamectin benzoate (TREE-age, Arborjet Inc, Woburn, MA), and 0.24 g AI/bush of azadirachtin (Azasol 6%, Arborjet Inc, Woburn, MA), with insecticide doses equaling the standard labeled rates on a per bush basis. Treatment solutions will be injected into crown of blueberry bushes, using the Tree IV micro-injection system® (Arborjet Inc, Woburn, MA) in 500 ml of water per bush. Four injection sites (north, south, east, west quadrants) per bush will be made by drilling holes (5 mm dia. x 40 mm deep), with four replicate bushes per treatment compound.

Residue samples will be taken from treatment bushes for each compound. Leaf samples for each treatment will be collected at 1, 7, 14, 28, and 52 days after treatment (DAT) and held in dichloromethane, and taken to the MSU Pesticide Analytical laboratory for HPLC analysis. To determine residue levels using the QuEChERS method (Schenck and Hobbs 2004). Compounds will be quantified against a standard curve, and recovery data recorded as micrograms of active ingredient per gram (ppm) of plant tissue. Statistical comparisons will be made using analysis of variance (ANOVA) (PROC GLM, SAS Institute 2003).

3. Determine the resistance levels of existing and new cultivars of blueberry gall wasp. Surveys at numerous commercial farms will be conducted where there are infestations of gall wasp and also different cultivars side by side. We will use a standard method developed recently at MSU to provide a comparison across cultivars and years. This will help demonstrate the risk to growers of continuing to grow specific cultivars rather than switching out their susceptible cultivars to resistant, newer and higher yielding cultivars. This data on new cultivars will inform breeding efforts currently underway in MSU and speed up the release of new cultivars.

4. Deliver extension information on gall wasp management. We will coordinate the results from the previous project with those developed in this project to prepare current gall wasp management recommendations. These will be presented online and in person at MSU Extension and grower/processor meetings in 2019 and 2020.

PROJECT BENEFICIARIES

Estimate the number of project beneficiaries: This project will benefit the approximately 500 Michigan blueberry growers and the more than 5,000 people who work in this industry.

Does this project directly benefit socially disadvantaged farmers?	**Yes**	☑	**No**	☐
Does this project directly benefit beginning farmers as defined in the RFA?	**Yes**	☑	**No**	☐

STATEMENT OF SOLELY ENHANCING SPECIALTY CROPS

By checking the box to the right, I confirm that this project **solely** enhances the competitiveness of specialty crops in accordance with and defined by 7 U.S.C. 1621. Further information regarding the definition of a specialty crop can be found at www.ams.usda.gov/services/grants/scbgp. ☑

CONTINUATION PROJECT INFORMATION

DESCRIBE HOW THIS PROJECT WILL DIFFER FROM AND BUILD ON THE PREVIOUS EFFORTS: This project will build on the SCBGP funding that was provided to MBG Marketing to address the blueberry gall wasp issue. That project is titled "*Development and Demonstration of Best Management Practices to Reduce Blueberry Stem Gall Wasp Impacts in Michigan*"

PROVIDE A SUMMARY (three to five sentences) OF THE OUTCOMES OF THE PREVIOUS EFFORTS: This project has evaluated registered insecticides for control of this pest, identified some approaches that work to reduce infestation in fields with low infestation, and identified multiple natural enemies that also inhabit the galls. We developed a preliminary list of resistant cultivars, and delivered this information to the blueberry industry through formal extension channels and informal meetings with growers and crop consultants.

PROVIDE LESSONS LEARNED ON POTENTIAL PROJECT IMPROVEMENTS: We found it hard to get galls to form on potted blueberry plants due to plant vigor, so work needs to be done in the field. Also we learned there is a huge difference between a pesticide working in lab and greenhouse settings vs. being effective in a farm setting. So in this project we will focus the trials in farmer fields.

What was previously learned from implementing this project, including potential improvements? We identified a handful of effective insecticides that can be used after bloom to control gall wasp in fields of new varieties that have low pressure. Tests of insecticides safe to bees that could be applied during bloom were less promising, though we found that an early timing was more effective. Pre-bloom application may be more effective. But, adding insecticide into the plant through drip irrigation may be more effective.

How are the lessons learned and improvements being incorporated into the project to make the ongoing project more effective and successful at meeting goals and outcomes? In this project, we are focusing on systemic insecticides that can be carried in the plant to the newly-expanding stems where this pest is most active. We will also test the use of drip irrigation that is already installed in some

fields, and using that to deliver the insecticide to the roots of plants for uptake. Finally, we will also explore the use of injection technology to carry insecticide into the plant. Our extension programming will build on the networks that have been established in the past few years.

DESCRIBE THE LIKELIHOOD OF THE PROJECT BECOMING SELF-SUSTAINING AND NOT INDEFINITELY DEPENDENT ON GRANT FUNDS:
We expect not to need any more funding after this project since the goal is to find a solution for this pest, either from insecticides or in the long-term from plant breeding. We are also exploring options for other funding sources in the short–term to continue working faster towards development of gall-resistant blueberry cultivars.

OTHER SUPPORT FROM FEDERAL OR STATE GRANT PROGRAMS

The SCBGP will not fund duplicative projects. Did you submit this project to a Federal or State grant program other than the SCBGP for funding and/or is a Federal or State grant program other than the SCBGP funding the project currently?

Yes ☐ **No** ☑

IF YOUR PROJECT IS RECEIVING OR WILL POTENTIALLY RECEIVE FUNDS FROM ANOTHER FEDERAL OR STATE GRANT PROGRAM

- **Identify the Federal or State grant program(s).**
- **Describe how the SCBGP project differs from or supplements the other grant program(s) efforts.**

EXTERNAL PROJECT SUPPORT

Describe the specialty crop stakeholders who support this project and why (other than the applicant and organizations involved in the project).

MBG Marketing is the largest cooperative of blueberry growers in the state, and gall wasp is a significant challenge for their growers and for their blueberry breeding program. The Michigan Blueberry Advisory Committee represents the whole blueberry industry and is active on the policy side of farm issues in Michigan. Members of both organizations are highly supportive.

EXPECTED MEASURABLE OUTCOMES

The 2016 SCBGP performance measures are linked below your convenience. **Please review for Marketing and Promotion projects.**
http://www.ams.usda.gov/sites/default/files/media/SCBGP%20FY15%20PerformanceFINAL_10272015.pdf.

SELECT THE APPROPRIATE OUTCOME(S) AND INDICATOR(S)/SUB-INDICATOR(S)

*You must choose at least **one** of the eight outcomes listed in the SCBGP Performance Measures, which were approved by the Office of Management and Budget (OMB) to evaluate the performance of the SCBGP on a national level.*

OUTCOME MEASURE(S)

Select the outcome measure(s) that are applicable for this project from the listing below.

- ☐ **Outcome 1**: Enhance the competitiveness of specialty crops through increased sales (required for marketing projects)
- ☐ **Outcome 2:** Enhance the competitiveness of specialty crops through increased consumption

☐ **Outcome 3**: Enhance the competitiveness of specialty crops through increased access

☑ **Outcome 4**: Enhance the competitiveness of specialty crops though greater capacity of sustainable practices of specialty crop production resulting in increased yield, reduced inputs, increased efficiency, increased economic return, and/or conservation of resources

☑ **Outcome 5**: Enhance the competitiveness of specialty crops through more sustainable, diverse, and resilient specialty crop systems

☐ **Outcome 6**: Enhance the competitiveness of specialty crops through increasing the number of viable technologies to improve food safety

☐ **Outcome 7**: Enhance the competitiveness of specialty crops through increased understanding of the ecology of threats to food safety from microbial and chemical sources

☐ **Outcome 8**: Enhance the competitiveness of specialty crops through enhancing or improving the economy as a result of specialty crop development

OUTCOME INDICATOR(S)

*Provide at least **one** indicator listed in the SCBGP Performance Measures and the related quantifiable result. If you have multiple outcomes and/or indicators, repeat this for each outcome/indicator.*

FOR EXAMPLE: **Outcome 2, Indicator 1.a.** Of the 150 total number of children and youth reached, 132 will gain knowledge about eating more specialty crops.

1. Of the 500 Michigan blueberry growers, 200 will be trained on improved management of blueberry stem gall wasp through extension presentations and workshops.
2. Of the 200 blueberry growers with significant infestations of gall wasp, economic impact will be reduced by 50% through the results coming from this project.

MISCELLANEOUS OUTCOME MEASURE

In the event that the outcomes and indicators above the selected outcomes are not relevant to your project, you must develop a project-specific outcome(s) and indicator(s), subject to approval by AMS.

DATA COLLECTION TO REPORT ON OUTCOMES AND INDICATORS

Explain how you will collect the required data to report on the outcome and indicator in the space below.

Attendance at meetings organized by MSU Extension will be tracked to quantify the number of growers trained on improved management of gall wasp. A simple questionnaire run at the spring extension meetings will be used to gauge the economic impact of blueberry gall wasp and the changes employed by growers to respond to this challenge.

WORK PLAN

Project Activity	Who	Timeline (Month/Year)
MBC research committee and MSU staff meet to plan project details	Kevin Robson, MBC Rufus Isaacs, MSU	11/18
Establish collaborations with growers for field trials	Rufus Isaacs, MSU	11/18
Apply insecticide treatments and measure effect	Rufus Isaacs and John Wise, MSU	4/19-8/19 4/20-8/20
Measure resistance and susceptibility of insecticide treatments	Rufus Isaacs, MSU	4/19-8/19 4/20-8/20
Reports to MDARD	Kevin Robson, MBC Rufus Isaacs, MSU	Throughout project

BUDGET NARRATIVE

This budget request is for a total of $99,303 for use across two years (1/1/19 to 8/31/20).
SALARIES (inflated 3% in Year 2)
5% of postdoctoral research associate for $2,446 in Year 1 and $2,520 in Year 2. **$4,966**
This person will help manage the day-to-day activities of the project.

3 months per year of research technician for $15,673 in Year 1 and $16,143 in Year 2. **$31,816**
This person will lead the research activities described in this proposal.

Undergraduate student for 40h per week for 12 weeks @ $12 per hour $5,760 in Year 1 and $5,933 in Year 2 **$11,693**
This person will assist the technician during summer months to complete the objectives

FRINGE BENEFITS
Charged at the current appropriate rates for MSU employees. $8,161 in Year 1 and $8,619 in Year 2 **$16,779**

TRAVEL
Travel costs for driving vehicles to and from research sites to conduct proposed objectives. This includes 25 300-mile trips at 54 cents per mile. We also request support for extension staff to travel to field sites and extension meetings, four times per year at 150 miles and 54 cents per mile. $4,374 in Year 1 and $4,505 in Year 2. **$8,879**

SUPPLIES
The activities proposed in this project require purchase of equipment to apply insecticides to bushes through the root system and through the crown of the bushes. General fieldwork supplies will also be purchased. $4,000 in Year 1 and $2,575 in Year 2. **$6,575**

CONTRACTURAL
We request support to analyze 96 samples for their insecticide residues at $85 per sample. $8,160 in Year1 and $8,405 in Year 2. **$16,565**

OTHER
The costs of developing and delivering extension programs on blueberry stem gall wasp management are requested, to cover printing and room rental. $1,000 in Year 1 and $1,030 in Year 2. **$2,030**

YEAR 1 TOTAL - $49,574
YEAR 2 TOTAL - $49,729

Budget Summary	
Expense Category	**Funds Requested**
Personnel	$48,474
Fringe Benefits	$16,779
Travel	$8,879
Equipment	$0
Supplies	$6,575
Contractual	$16,565
Other	$2,030
Direct Costs Subtotal	$99,303
Total Budget	$99,303

PERSONNEL

List the organization's employees whose time and effort can be specifically identified and easily and accurately traced to project activities that solely enhance the competitiveness of specialty crops. See the Request for Applications section 4.6.2 Allowable and Unallowable Costs and Activities, Salaries and Wages, and Presenting Direct and Indirect Costs Consistently under section 4.6.1 for further guidance.

#	Name/Title	Level of Effort (# of hours OR % FTE)	Funds Requested
1			
2			
3			
4			
	Personnel Subtotal		

PERSONNEL JUSTIFICATION

For each individual listed in the above table, describe the activities to be completed by name/title including approximately when activities will occur. Add more personnel by copying and pasting the existing listing or deleting personnel that aren't necessary.

Personnel 1:

Personnel 2:

Personnel 3:

Add other Personnel as necessary

FRINGE BENEFITS

Provide the fringe benefit rates for each of the project's salaried employees described in the Personnel section that will be paid with SCBGP funds.

#	Name/Title	Fringe Benefit Rate	Funds Requested
1			
2			
3			
4			
	Fringe Subtotal		

TRAVEL

Explain the purpose for each Trip Request. Please note that travel costs are limited to those allowed by formal organizational policy; in the case of air travel, project participants must use the lowest reasonable commercial airfares. For recipient organizations that have no formal travel policy and for-profit recipients, allowable travel costs may not exceed those established by the Federal Travel Regulation, issued by GSA, including the maximum per diem and subsistence rates prescribed in those regulations. This information is available at http://www.gsa.gov. See the Request for Applications section 4.6.2 Allowable and Unallowable Costs and Activities, Travel, and Foreign Travel for further guidance.

#	Trip Destination	Type of Expense (airfare, car rental, hotel, meals,	Unit of Measure (days, nights, miles)	# of Units	Cost per Unit	# of Travelers Claiming the Expense	Funds Requested

		mileage, etc.)					
1							
2							
3							
4							
5							
6							
7							
			Travel Subtotal				

TRAVEL JUSTIFICATION

For each trip listed in the above table describe the purpose of this trip and how it will achieve the objectives and outcomes of the project. Be sure to include approximately when the trip will occur. Add more trips by copying and pasting the existing listing or delete trips that aren't necessary.

Trip 1 (Approximate Date of Travel MM/YYYY):

Trip 2(Approximate Date of Travel MM/YYYY):

Trip 3(Approximate Date of Travel MM/YYYY):

Add other Trips as necessary

CONFORMING WITH YOUR TRAVEL POLICY

By checking the box to the right, I confirm that my organization's established travel policies will be adhered to when completing the above-mentioned trips in accordance with 2 CFR 200.474 or 48 CFR subpart 31.2 as applicable. ☐

SUPPLIES

List the materials, supplies, and fabricated parts costing less than $5,000 per unit and describe how they will support the purpose and goal of the proposal and solely enhance the competitiveness of specialty crops. See Request for Applications section 4.6.2 Allowable and Unallowable Costs and Activities, Supplies and Materials, Including Costs of Computing Devices for further information.

Item Description	Per-Unit Cost	# of Units/Pieces Purchased	Acquire When?	Funds Requested
		Supplies Subtotal		

SUPPLIES JUSTIFICATION

Describe the purpose of each supply listed in the table above purchased and how it is necessary for the completion of the project's objective(s) and outcome(s).

CONTRACTUAL/CONSULTANT

Contractual/consultant costs are the expenses associated with purchasing goods and/or procuring services performed by an individual or organization other than the applicant in the form of a procurement relationship. If there is more than one contractor or consultant, each must be described separately. (Repeat this section for each contract/consultant.)

ITEMIZED CONTRACTOR(S) /CONSULTANT(S)

Provide an itemized budget (personnel, fringe, travel, equipment, supplies, other, etc.) with appropriate justification. If indirect costs are/will be included in the contract, include the indirect cost rate used. Please note that any statutory limitations on indirect costs also apply to contractors and consultants.

#	Name/Organization	Hourly Rate/Flat Rate	Funds Requested
1			
2			
3			
4			
		Contractual/Consultant Subtotal	

CONTRACTUAL JUSTIFICATION

Describe the project activities each contractor or consultant will accomplish to meet the objectives and outcomes of the project. Include timelines for each activity. If contractor employee and consultant hourly rates of pay exceed the salary of a GS-15 step 10 Federal employee in your area (for more information please go to http://www.opm.gov/policy-data-oversight/pay-leave/salaries-wages/2016/general-schedule/), provide a justification for the expenses. This limit does not include fringe benefits, travel, indirect costs, or other expenses. See Request for Applications section 4.6.2 Allowable and Unallowable Costs and Activities, Contractual and Consultant Costs for acceptable justifications.

Contractor/Consultant 1:

Contractor/Consultant 2:

Contractor/Consultant 3:

Add other Contractors/Consultants as necessary

CONFORMING WITH YOUR PROCUREMENT STANDARDS

By checking the box to the right, I confirm that my organization followed the same policies and procedures used for procurements from non-federal sources, which reflect applicable State and local laws and regulations and conform to the Federal laws and standards identified in 2 CFR Part 200.317 through.326, as applicable. If the contractor(s)/consultant(s) are not already selected, my organization will follow the same requirements. ☐

OTHER

Include any expenses not covered in any of the previous budget categories. Be sure to break down costs into cost/unit. Expenses in this section include, but are not limited to, meetings and conferences, communications, rental expenses, advertisements, publication costs, and data collection.
If you budget meal costs for reasons other than meals associated with travel per diem, provide an adequate justification to support that these costs are not entertainment costs. See Request for Applications section 4.6.2 Allowable and Unallowable Costs and Activities, Meals for further guidance.

Item Description	Per-Unit Cost	Number of Units	Acquire When?	Funds Requested
	Other Subtotal			

OTHER JUSTIFICATION

Describe the purpose of each item listed in the table above purchased and how it is necessary for the completion of the project's objective(s) and outcome(s).

Organizational Capacity Survey

The objective of the Organizational Capacity Survey is to attain an understanding of your organization's systems, policies, processes, and practices. The information collected by this survey will be used by the Michigan Department of Agriculture & Rural Development (MDARD) as a tool to review the capacity of your organization to successfully execute the terms of this grant.

NOTE: MDARD reserves the right to request a copy of any materials attested to in this Organization Capacity Survey.

Instructions:

- ~ Respond to each applicable question: some questions may not be applicable to your entity;
- ~ Submit with your application to MDA-grants@michigan.gov.

Person completing this survey: _____

Title: _____

Phone / e-mail: _____

1. Technology Resources. Does your organization:
    a. Provide a computer for all employees/persons? Yes ☐ No ☐
    b. Have a dedicated e-mail account for all employees/persons Yes ☐ No ☐
    c. Have high-speed internet access? Yes ☐ No ☐
2. What was your average annual employee turnover rate for the past two years?
3. Does your organization have the ability to effectively respond to sudden personnel changes on a:
    a. Short-term basis (unexpected illness) Yes ☐ No ☐
    b. Intermediate-term basis (unexpected resignation) Yes ☐ No ☐
    c. Long-term basis (budgetary cutbacks necessitating staff reduction) Yes ☐ No ☐
4. If you are a food establishment, do you hold a current license? Yes ☐ No ☐
5. Has an audit by a Certified Public Accountant been finalized for the most recently completed fiscal year? Yes ☐ No ☐
6. If "No", is one currently underway or scheduled? Yes ☐ No ☐
7. Has your organization received funding for this project from another source?
   Yes ☐ No ☐
8. Has your organization requested funding for this project from another source?
   Yes ☐ No ☐
9. Has your organization received a federal or state grant award in the last two (2) years?
   Yes ☐ No ☐
10. Does your organization use an automated accounting system? Yes ☐ No ☐
    If "Yes", what is the name of the system?
11. Has your organization registered with State Budget Office - Contract & Payment Express
    Yes ☐ No ☐