

## 2019-2020 Florida Job Growth Grant Fund Workforce Training Grant Proposal

Proposal Instructions: The Florida Job Growth Grant Fund Proposal (this document) must be completed and signed by an authorized representative of the entity applying for the grant. Please read the proposal carefully as some questions may require a separate narrative to be completed. If additional space is needed, attach a word document with your entire answer.

### **Entity Information**

Name of Entity: James Edward Knobloch  
Federal Employer Identification Number (if applicable): ██████████

Primary Contact Name: James Knobloch  
Title: Sole-Proprietor  
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Orlando, FL 32804  
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Secondary Contact Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Phone Number: \_\_\_\_\_

### **Workforce Training Grant Eligibility**

Pursuant to 288.101, F.S., the Florida Job Growth Grant Fund was created to promote economic opportunity by improving public infrastructure and enhancing workforce training. This includes workforce training grants to support programs offered at state colleges and state technical centers.

Eligible entities must submit proposals that:

- Support programs and associated equipment at state colleges and state technical centers.
- Provide participants with transferable and sustainable workforce skills applicable to more than a single employer.
- Are offered to the public.
- Are based on criteria established by the state colleges and state technical centers.
- Prohibit the exclusion of applicants who are unemployed or underemployed.

## 1. Program Requirements:

(If additional space is needed, attach a word document with your entire answer.)

Each proposal must include the following information describing how the program satisfies the eligibility requirements listed on page 1.

- A.** Provide the title and a detailed description of the proposed workforce training.

Title: City-wide smart synchronized traffic light system.

Description: Training of all aspects of current traffic signal systems and integrating all in network.

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- B.** Describe how this proposal supports programs at state colleges or state technical centers.

Program will require high tech skills in electronics, computers, networking and civil safety.

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- C.** Describe how this proposal provides participants transferable, sustainable workforce skills applicable to more than a single employer.

After successful traffic lights system is implemented in large city like Orlando, FL the country will see all the benefits and a demand for experienced workers in this new field will exist.

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- D.** Describe how this proposal supports a program(s) that is offered to the public?

No known programs to integrate all city traffic lights into a "smart" system exist.

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- E.** Describe how this proposal is based on criteria established by the state colleges and state technical centers.

No known programs to integrate all city traffic lights into a "smart" system exist.

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- F.** Does this proposal support a program(s) that will not exclude unemployed or underemployed individuals?

Yes       No

Recommend homeless and unemployed be given a 2nd chance at improving their circumstances while providing a need to the community (lower traffic wait times and pollution).

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- G.** Describe how this proposal will promote economic opportunity by enhancing workforce training. Please include the number of program completers anticipated to be created from the proposed training. Further, please include the economic impact on the community, region, or state and the associated metrics used to measure the success of the proposed training.

The training has to be directly paired with real-world project to integrate a complete city traffic light system into "smart" system (Example: Orlando, FL). The training alone would be valuable but with real project this would be ideal.

Metric: Document travel time from point A to B before and after integration for each street completed.

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**2. Additional Information:**

(If additional space is needed, attach a word document with your entire answer.)

- A.** Is this an expansion of an existing training program?  Yes  No  
 If yes, please provide an explanation for how the funds from this grant will be used to enhance the existing program.
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- B.** Does the proposal align with Florida’s Targeted Industries?  Yes  No  
 (View Florida’s Targeted Industries here.)  
 If yes, please indicate the specific targeted industries with which the proposal aligns.  
 If no, with which industries does the proposal align?  
 High tech electronics and networking is embedded in all companies.
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- C.** Does the proposal align with an occupation(s) on the Statewide Demand Occupations List and/or the Regional Demand Occupations List? (View Florida’s Demand Occupations List here.)  Yes  No  
 If yes, please indicate the specific occupation(s) with which the proposal aligns.  
 If no, with which occupation does the proposal align?  
 This would be inclusive of the INFOTECH and CLEANTECH industries.
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- D.** Indicate how the training will be delivered (e.g., classroom-based, computer-based, other).  
 If in-person, identify the location(s) (e.g., city, campus, etc.) where the training will be available.  
 If computer-based, identify the targeted location(s) (e.g. city, county, statewide where the training will be available.

Any existing warehouse or large retail business that has moved or gone out-of-business can be leased to establish the training and planning phase of the project. Class/Computer and Computer Only

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- E.** Indicate the number of anticipated annual enrolled students and completers in the proposed program.

After the first successful city integration then can expand out to more cities and counties and offer the training for these residents to come in already established building in Central Florida.

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- F.** Indicate the length of program (e.g., quarters, semesters, weeks, etc.), including anticipated beginning and ending dates.

Begin Date: \_\_\_\_\_

End Date: \_\_\_\_\_

Existing courses in existing civil traffic systems should be taken 1st. The initial integration training \planning may take several years. But will be shorter with each project.

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- G.** Describe the plan to support the sustainability of the program after grant completion.

The program should become part of the city budget to maintain the system after the initial successful completion. There will always be labor turnaround in any given profession requiring training.

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- H.** Identify any certifications, degrees, etc. that will result from the completion of the program. Please include the Classification of Instructional Programs (CIP) code and the percent of completer in each code, corresponding with Section E.

None

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- I.** Does this project have a local match amount?

Yes  No

If yes, please describe the entity providing the match and the amount (Do not include in-kind).

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J. Provide any additional information or attachments to be considered for the proposal.

The current system of city-wide traffic signals not integrated is directly adding to the energy and pollution issues facing the next generation.

### 3. Program Budget

(If additional space is needed, attach a word document with your entire answer.)

**Estimated Costs and Sources of Funding:** Include all applicable workforce training costs and other funding sources available to support the proposal.

1.) **Total Amount Requested**      \$ 10,000,000.00  
 Florida Job Growth Grant Fund

2.) Other Workforce Training Project Funding Sources:

City/County                              \$ \_\_\_\_\_  
 Private Sources                              \$ \_\_\_\_\_

Other (grants, etc.)                      \$ \_\_\_\_\_                      Please Specify: \_\_\_\_\_  
 Total Other Funding                      \$ \_\_\_\_\_

3.) Workforce Training Project Costs:

Equipment                                  \$ 2,000,000  
 Personnel                                      \$ 1,000,000  
 Facilities                                        \$ 5,000,000  
 Tuition                                         \$ 1,000,000  
 Training Materials                         \$ 750,000

Other    \$ 250,000                      Please Specify: Homeless  
**Total Project Costs**                      **\$ 10,000,000**

**Note:** The total amount of the project should equal the total amount requested plus the total other funding.

- 4.) Provide a detailed budget narrative, including the timing and steps necessary to obtain the funding, how equipment purchases will be associated with the training program, if applicable, and any other pertinent budget-related information.
1. Grant Approved.
  2. Recruit trainees interested (Homeless and Underemployed).
  3. Establish training curriculum details and goals (Start to Finish).
  4. Secure Training Facility (Lease or Buy) with optional expansion if needed.
  5. Setup training classes with equipment and teachers.
  6. Each graduating class will develop small scale integrated city-wide traffic system in lab environment using computer simulations then building actual circuits and systems.
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#### 4. Approvals and Authority

(If additional space is needed, attach a word document with your entire answer.)

- A. If entity is awarded grant funds based on this proposal, what approvals must be obtained before it can execute a grant agreement with the Florida Department of Economic Opportunity (e.g., approval of a board, commission or council)?

City management to fund/approve integrated traffic signal system after demonstrated on small scale in lab environment.

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- B. If approval of a board, commission, council or other group is needed prior to execution of an agreement between the entity and the Florida Department of Economic Opportunity:

- i. Provide the schedule of upcoming meetings for the group for a period of at least six months.
- ii. State whether entity is willing and able to hold special meetings, and if so, upon how many days' notice.

Hold meetings at any time. Recommend Quarterly (Jan, Apr, Jul, Oct)

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- C. Attach evidence that the undersigned has all necessary authority to execute this proposal on behalf of the entity. This evidence may take a variety of forms, including but not limited to: a delegation of authority, citation to relevant laws or codes, policy documents, etc.

Sole-proprietor and have all authority in my business.

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I, the undersigned, do hereby certify that I have express authority to sign this proposal on behalf of the above-described entity and to the best of my knowledge, that all data and information submitted in proposal is truthful and accurate and no material fact has been omitted.

Name of Entity: James Edward Knobloch

Name and Title of Authorized Representative: James Edward Knobloch / Sole-Proprietor

Representative Signature: James Edward Knobloch

Signature Date: 07/11/2019