

Name of Entity: Dawna Boley, Record Type: Workforce, Proposal Status: In Review, Contact: Dawna Boley

Details SBD Processing Related

Entity Information

Owner: Dawna Boley, Proposal Name: WF-05752, Name of Entity: Dawna Boley, Contact: Dawna Boley, Secondary Contact Name: David Roland, Second Contact Title: Director, Withlacoochee Technical Center, Second Contact Phone: (352) 726-2430, Azure Folder Name, County: Citrus, RAO: No

Proposal Status: In Review, Stage: Proposed

Program Requirements

Training Title and Description, Support Description, Transferable Skills Description, Support Public Program(s), Description of Criteria Match, Demand Occupation Lists, Demand Occupation Lists Description

Not exclude unemployed or underemployed, Economic Opportunity Description, FL Targeted Industries, FL Targeted Industries Description, Local Match Amount, Local Match Amount Details

Program Specifics

Existing Program Expansion, Existing Program Expansion Description, Training Delivery Description, Program Sustainability Description, Project Ready to Commence, Project Not Ready To Commence Details

Length of Program, Number Enrolled, Number Completers, Certifications, degrees with CIP codes, Program Begin Date, Program End Date, Additional Information

Program Budget

Requested Total: \$3,950,000.00, Source - City / County: \$100,000.00, Source - Private: \$20,000.00, Source - Other: \$0.00, Source - Other Details: N/A, Source - Total: \$120,000, Detailed Budget Narrative: Full detailed narrative is attach is Attachment #3.

Cost - Equipment: \$3,120,000.00, Cost - Personnel: \$350,000.00, Cost - Facilities: \$400,000.00, Cost - Training Materials: \$150,000.00, Cost - Tuition: \$50,000.00, Cost - Other: \$0.00, Cost - Other Details: Aviation Maintenance Technician School Approval, Cost - Total: \$4,070,000

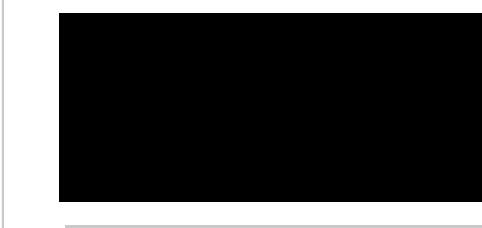
Approvals and Authority

Authorized signatory on Board's behalf

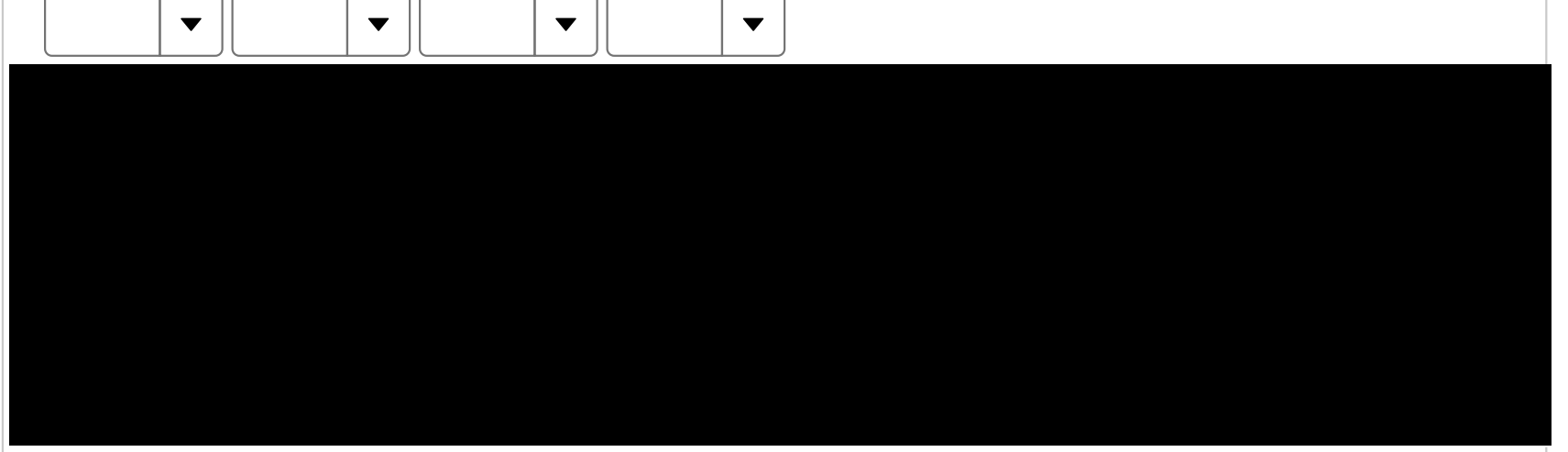
Attestation Name of Entity: Citrus County Schools

Upload Files

Previously Uploaded: undefinedAttachement #4 Signature, Sandra Himmel - Superintendent of Citus County Schools.pdf, undefinedAttachment #2 - Letters of Support.pdf, undefinedAttachment #3 Budget.pdf, undefinedWorkforce Grant WTC A & P.pdf



Activity



Proposal SBD
WF-05752

Name of Entity
Dawna Boley



Record Type
Workforce

Proposal Status
In Review

Contact
[Dawna Boley \(U...](#)

1A. Provide the title and detailed description of the proposed workforce training.

Withlacoochee Technical College Aviation Airframe and Powerplant Mechanics (WTC A&P)

Withlacoochee Technical College (WTC) is requesting funds to extend WTC's curriculum to include an Aviation Airframe and Powerplant Mechanics ("A&P") Certification course. Funding from this Florida Job Growth Grant Fund/Workforce Training Grant Proposal, if accepted, would provide funding for the equipment, facilities, staff, and certification requirements that otherwise makes the program financially prohibitive to both the educational institution and subsequently the interested student body.

The proposed A&P Certification Course will be open to all adults, veterans, and high school students (dual enrollment) over the age of 16 with a desire to obtain occupational skills necessary for employment in a qualified target industry, Aviation. The workforce training curriculum will prepare students to enter aircraft maintenance repair, manufacturing, and other positions in the aerospace industry. The curriculum will focus on aircraft structures, powerplants, avionics, system design, testing and inspection. Students will receive hands-on experience with a variety of aircraft. WTC anticipates enrolling 10 students in its first session in the General Technician course (450 hours), then starting another 10 new students the following session in the General Technician course while the first 10 students continue to the Airframe Technician 1 & 2 courses. WTC will be able to complete 20 students in the General Technician course and 10 in the complete Aviation Airframe Mechanics program in the first two years. The skills and knowledge learned, coupled with a solid academic foundation, prepares students for employment in targeted areas such as aircraft maintenance, manufacturing, and aviation support careers.

From an economic development perspective, these workforce training programs benefit our community and region in a variety of ways. Primarily, these programs create a talent pool of skilled workforce necessary to fill current as well as anticipated job opportunities. These high-paying, high-skilled jobs fuel economic growth in our region and state. Fulfillment of this objective will support existing employers in Florida, in addition to aiding in efforts to attract new target industries to our state.

As an indication of the need for this type of training program, we have attached letters of support from local and regional businesses and industry partners. See Attachment #2

The proposed Certification course must include at a minimum 1900 clock hours (400 general plus 750 Airframe and 750 Powerplant) per Code of Federal Regulation Certification requirements. WTC's Certification course shall total 2250 clock hours (450 general plus 900 Airframe and 900 Powerplant) and shall meet the requirements outlined in the Code of Federal Regulations, Part 147 related to Aviation Maintenance Technician Schools as they pertain to General, Airframe and Powerplant curriculum (all attached). Upon completing the program, students qualify to take the examinations (written, oral and practical) for the FAA mechanics license with airframe and powerplant ratings, the industry standard of aviation technical knowledge. With certification in hand, these individuals will be able to fill A&P positions locally, regionally, and state-wide. We have attached the curricula of both the Florida Department of Education (FL DOE) and the Federal Aviation Administration (FAA). See Attachment #1.

Not only does this technical certificate prepare students for immediate employment, but it also provides college-level technical courses that can be applied to further education opportunities. Through reciprocal college credit certificate programs potentially available at other Florida undergraduate level

degree programs, students may continue their educational goals. Florida State College, Eastern Florida State College, Pasco-Hernando State College, and Polk State College each offer Aviation Maintenance Administration or Aviation Maintenance Management programs.

1B. Describe how this proposal supports programs at state colleges or state technical centers.

The funding received from this proposal would launch an Airframe and Powerplant Mechanic Certification course through WTC.

WTC continually meets community and regional needs by providing postsecondary academic education and the proposed program is no different. This aviation program will provide students affordable access to training for a high-demand, high-wage field in a relatively short time. The program will provide them with the background and qualifications needed to pass the FAA mechanics license with airframe and powerplant ratings certification requirement and begin productive careers in a target industry.

The proposed program will be offered as a full-time postsecondary program as well as a dual enrollment program available for high school students aged 16 years and older.

Withlacoochee Technical College continues to prove its willingness, ability, and responsiveness to meet market demands for an educated workforce providing fuel to economic development for the region and the state.

1C. Describe how this proposal provides participants with transferable, sustainable workforce skills applicable to more than a single employer.

Citrus County and the surrounding region are home to 91 businesses in the aviation industry with workforce demands that will directly benefit from the Aviation Airframe and Powerplant Mechanics Certification course.

Within a one-hour drive of the proposed facility, CareerSource – Citrus, Levy, Marion, identifies approximately 58 establishments engaged in aerospace product and parts manufacturing. There are over 400 firms within an hour drive and over 2000 in the State of Florida.

The Aviation Airframe and Powerplant Mechanics program content and instruction will prepare students for employment or advanced training in the commercial and general aviation industry, with virtually every major aviation/aerospace company. The Bureau of Labor Statistics Quarterly Census of Employment and Wages shows 302 current job openings in the state under search criteria “aircraft structure, surface, rigging and system assemblers and aircraft mechanic and service technicians with 79 of these openings in our local area. Graduates of the program will have the technical knowledge and skills necessary to fill these openings.

Citrus County has submitted a Florida Job Growth Public Infrastructure Grant Proposal to construct a 24,000 square foot hangar building at the Inverness Airport. If granted, this hangar space will allow the existing Fixed Based Operator (FBO) to expand their services. It will provide office space that can be occupied by other local businesses and will attract more aircraft operators and electric aircraft, hence providing even more job opportunities in our local area, Inverness.

The program content and instruction delivery will also include transferable skills training in areas such as management, finance, technical and product skills, underlying principles of technology, electricity, and safety and environmental issues. The WTC program will equip graduating students with skills relevant to a host of employers, not only in the aviation industry, but across a broad array of industries.

1D. Describe how this proposal supports a program that is offered to the public?

Withlacoochee Technical College is open to all adults, veterans, and high school students over the age of 16 with a desire to obtain occupational skills necessary for employment.

1E. Describe how this proposal is based on criteria established by the state colleges and state technical centers.

The WTC course will serve individuals, communities and the state with a low-cost, high-quality educational opportunity that will train workers for high-wage, high-demand occupations. WTC aligns its certificate program with regional and state workforce needs.

WTC will meet the criteria established by the U.S. Department of Transportation Federal Aviation Administration to operate as an Aviation Maintenance Technician School. Institutional certifications serve as the basis for the program's curriculum in line with frameworks established by the Florida Department of Education.

Approval of the proposed grant request WTC can: construct, furnish and equip a high-quality learning facility; keep tuition affordable and open to more students; hire high-quality staff knowledgeable of the aviation field; provide a workforce to meet the local and regional needs; and respond quickly and efficiently to meet the technical worker shortage prevalent in the aviation industry.

1F. Does this proposal support a program that will not exclude unemployed or underemployed individuals?

Yes, absolutely. WTC works closely with CareerSource – Citrus, Levy, Marion to reduce the barriers that may prohibit unemployed or underemployed adults from having the opportunity to attend school and train for a high skill, high wage, and high demand career such as the A&P program.

1G. 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 mission of the Economic Development Authority of Citrus County (EDACC) is to encourage the recruitment of diversified industry to the county while maintaining its natural environment. The proposed program will aid in creating a strong, deep, qualified talent pool that will attract industry, bringing increased wages and opportunities and ultimately expand and diversify the local and regional economies.

Withlacoochee Technical College, by consistently demonstrating its ability, commitment, and responsiveness, to train future employees necessary to support job growth in Citrus County and the surrounding region, stands behind the goals and objectives of the EDACC, and more importantly, the

creation of an Aviation Airframe and Powerplant Mechanics Certification curriculum. WTC plans a first session class totaling 10 students and anticipates doubling that enrollment in the second year.

If Citrus County receives their Florida Job Growth Public Infrastructure grant to construct a 24,000 square foot hangar in conjunction with WTC receiving their Florida Job Growth Job Workforce Training Grant this will lead to future growth in our immediate area not to mention the region and state. The new hangar will be used to expand the services offered by FBO, including aircraft maintenance, flight training, aircraft sales, aircraft assembly, and aircraft testing. Additionally, the FBO is an authorized dealer for an aircraft manufacturer that is a leader in the electric aircraft industry, Pipistrel. The FBO has plans to manufacture and assemble Pipistrel aircraft within the next ten years which will also increase the need for the skilled labor force.

Based on economic modeling data from the Bureau of Labor Statistics, we anticipate an initial economic impact of \$7,270,000. This number represents the total regional average wage over a three-year aggregate period.

With a location quotient (LQ) of 1.22 according to economic modeling data our local area has a higher competitive advantage than the national average, making it more attractive to businesses in that sector looking to relocate or start a business.

2A. Is this an expansion of an existing training program?

No.

2B. Does the proposal align with Florida's Targeted Industries?

Yes, Aviation and Aerospace is a Florida Targeted Industry, and more specifically Aircraft structure, surface, rigging and system assemblers and Aircraft mechanic and service technicians. In addition, the transportation and warehouse sector is a targeted industry for our local workforce area and will have a need for 1,993 jobs over the next five years.

2C. Does the proposal align with an occupation on the Statewide Demand Occupations List and /or the Regional Demand Occupations List?

Yes, Aircraft Mechanics and Service Technicians are on Department of Economic Opportunity's 2021-22 Florida Statewide Demand Occupations List. There are an anticipated 1,474 annual openings paying a mean hourly wage of \$31.54.

2D. 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 locations(s) (e.g. city, county, statewide, etc.) where the training will be available.

With proceeds from this grant request WTC will purchase portable classrooms and lease and convert an existing hanger facility into a venue for training students in the Aviation Airframe and Powerplant Mechanics Certification program. Instruction will be delivered in a blended format with classroom and laboratory-based instruction occurring in the hanger facility located on the airfield of Inverness Airport. Lab instruction and activities will complement textbook instruction in a true aircraft maintenance/repair

setting. The aircraft hangar will facilitate and enhance targeted learning outcomes while enabling “hands-on” experiences and training for students.

2E. Indicate the number of anticipated annual enrolled students and completers in the proposed program.

Because the A&P programs will require more than 12 months to complete WTC will have 10 completers of the Aviation Airframe Mechanics program first year but no completers of the Aviation Powerplant Mechanics program until the second year. WTC anticipates 20 students enrolled annually after the program is up and running with enrollment increasing with the success of current students become known. Due to the length of the program, there will not be any completers during the first year of the A&P programs, but WTC predicts that 85% of the enrolled students will complete the program.

2F. Indicate the length of program (e.g., quarters, semesters, etc.), including anticipated beginning and ending dates.

The proposed Certification course will include 2,250 clock hours consisting of 450 general plus 900 Airframe and 900 Powerplant. Students attending full-time should be able to complete the program in a little less than four semesters.

WTC will plan to dual enroll high school students in the 450-hour general class their senior year followed by full-time enrollment the following year as a postsecondary student to complete the program. WTC will also work with our school district to add a feeder program, Aviation Assembly & Fabrication, at one of our high schools for high school students (11th grade) to take for high school credit. This high school course should help generate interest for future enrollment in the A&P programs.

Anticipated beginning and ending dates are contingent on both approval of this grant funding request and U.S. Department of Transportation Federal Aviation Administration certification as an Aviation Maintenance Technician School (AMTS), as detailed by the Advisory Circular #147-3B.

Anticipated beginning date: August 2024

Anticipated ending date of initial class: March 2026

2G. Describe the plan to support the sustainability of the program after grant completion.

Funding from the grant request, if approved, shall pay for the one-time purchases necessary for the initial start-up costs for this program. Continuation of the program’s goals and objectives to achieve desired outcomes will primarily rely on student tuition and fees with the ability to raise funds through industry support and local and regional commitments. WTC will also support and maintain the program through workforce dollars.

2H. 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 percentage of completers in each code, corresponding with Section E.

The name of the certifications are:

Classification of Instructional Programs (CIP) codes include:

*FEDAA002 – FAA Aviation Maintenance Technician – General

*FEDAA004 – FAA Aviation Maintenance Technician – Airframe

*FEDAA010 – FAA Aviation Maintenance Technician – Powerplant

We expect to have 85% of our enrollees complete the entire program which would be 17 completers in year 2.

2I. Does this project have a local match amount?

Yes, one of WTC’s business partners in this venture, Right Rudder Aviation, is donating two airframes valued at \$20,000 and Citrus County is providing land that has some infrastructure where the portable classroom will be installed and hanger space for the shop. The lease value of this land and hanger space is over a five-year period would be approximately \$100,000. WTC shall also commit operational funds and workforce dollars to create and maintain the program.

2J. Additional attachments

- Attachment #1 – FL DOE and FAA Curricula
- Attachment #2 – Letters of Support
- Attachment #3 – Detailed Budget
- Attachment #4 – Signature Page Sandra Himmel, Superintendent of Citrus County Schools

3. Budget narrative

Equipment purchases totaling \$3,120,000 include all items required to furnish hanger venue for program. Personnel costs are budgeted at \$350,000 for the initial startup period. Facility costs are budgeted at \$400,000 to purchase a 1500 square foot portable for classroom use and to complete the infrastructure needed. Training materials budgeted at \$ 200,000 to develop necessary material for course. And \$ 150,000 is budgeted to get the program approved as an approved Aviation Maintenance Technician School.

Detailed Program Budget – see Attachment #3

4A. If the 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)?

Approval shall be through the Citrus County School Board.

4B. 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.**

School Board meeting the second Tuesday of every month with the following dates scheduled: 4/12/22, 5/10/22, 6/14/22, 7/12/22, 8/9/22, and 9/13/2022.

- ii. **State whether the entity is willing and able to hold special meetings, and if so, upon how many days’ notice.**

No, but we would have the opportunity for approval at School Board workshops which are scheduled for the fourth Tuesday of every month.

FAA Part 147 Aviation Maintenance Technician School

Item #	FAA Part 147	Nomenclature	Part #	Mfg-Vendor	Cost	Quantity	Comments
1	Support	Forklift Used, 4 ton Hyster, Warranted		Tampa Forklift (407) 936-1553	\$10,400		
2	Support	Work Bench for engine shop(12ea)	IPE53	Grainger	\$12,480		
3	Support	6" Swivel Vise, Wilton #746 (24 ea)	1ATH4	Grainger	\$13,000		
4	Support	Vertical Band Saw with welder	3WRL9	Grainger	\$26,000	2 ea	2ea @ \$13K
5	Support	Lathe, bench	5ce25	Grainger	\$15,600	2 ea	2ea @ \$7.8K
6	Support	Dust collector (Large)	3aa26	Grainger/Dayton	\$6,890		
7	Support	Time and Attendance Computerized		Time clock Plus/Data Mgnt	\$6,630		
8	Support	Compressor, Rotary Screw 60 hp, 3 Phase with Associated equipment		Grainger #2CFF3	\$78,000	2 ea	2ea @ \$39K
9	Support	Mill/Drill Machine		Grainger#2LKR1	\$6,110		
10	Support	Aircraft Tug, Clark Model CTAE-40 (Used)		Clark, Victory GSE 1-800-323-0558	\$10,400		
11	Support	Ground Power Unit, ATA-24,		Tronair 1-800-426-6301	\$60,190		
12	Support	Aero-Tow Model E-1800		Aero-Tow, 920-648-8114	\$7,540		
13	Support	Dell Computers with Monitor Model to be determined by college (55ea)		Dell Computers	\$107,250	55 ea	55 ea @ \$1950
14	Support	26 Classroom, 15 Library, 7 staff, 2 timekeeping, 5 laboratory					
15	Support	Pallet, Jack		Vestil #BW-PJ	\$1,170		
16	Support	Portable Degreaser Booth		Grainger #1MAH1	\$9,100		
17	Support	Degreasing Tank (Parts washer)		Grainger #4NFUS	\$3,250		
18	Support	Saw, Band for cutting Wood	4TK02	Grainger/Dayton	\$5,460		
19	Support	Saw, reciprocating, Milwaukee		Grainger#4PKV6	\$664	2 ea	2ea @ \$332
20	Support	Drill, Press	5PHC4	Daytona/Grainger	\$3,120	2 ea	2ea @ \$1560
21	Support	Band Saw Cabinet		TBD	\$1,300		
22	Support	Bench grinder on Stand	TYT69	Dayton/Grainger	\$1,118	2 ea	2ea @ \$559
23	Support	40 Piece Tap and Die Set	2LKN8	Grainger	\$1,625	5 ea	5ea @ \$325
24	Support	Drill Bit Set Colbalt 60 piece,aircraft		Grainger/ChicagoLatrobe	\$1,300	5 ea	5ea @ \$260
25	Support	Dust Collector		Grainger 6H004	\$1,248	2 ea	2ea @ \$624
26	Support	Dust Collector, Large		Grainger 3AA26	\$6,240		
27	Support	Welder, Saw Blades		6A489 Grainger	\$1,404		
28	Support	Library Shelves, adjustable		Grainger #82XPI	\$4,416	8 ea	8ea @ \$552
29	Support	Book truck for library (42Hx3W)		Grainger #3NVF4	\$650		

FAA Part 147 Aviation Maintenance Technician School

Item #	FAA Part 147	Nomenclature	Part #	Mfg-Vendor	Cost	Quantity	Comments
30	Support	Chairs, Classroom and library		Grainger 5VX20	\$6,240	80 ea	80ea @ \$78
31	Support	Tables, for classroom, library and lunch room		Grainger 3W453	\$14,040	60 ea	60ea @ \$234
32	Support	Lincoln, MIG Welder, MIG216, K2816		Welding Supply 1-847-290-1070	\$1,820		
33	Support	Lincoln, TIIG Welder, Tig 275, 275K2619		Welding Supply 1-847-290-1070	\$3,510		
34	Support	Miller Spot welder #1Z795		Grainger	\$2,080		
35	Support	Lincoln ARC Welder, AC225		Northern Tool	\$422		
36	Support	Metal Abrasive cut off saw (small)		Grainger#3HU86	\$390		
37	Support	Arbor Press, Small		Grainger#5Z077	\$890		
38	Support	Hydraulic Press, Large 45 ton		Grainger#1UC51	\$6,500		
39	Support	Metal Abrasive cut off saw (Large)		Grainger#53ZC56	\$3,800		
40	Support	Drill Press, Large Electronic variable		Grainger#5TPR1	\$11,012	2 ea	2ea @ \$5506
41	Support	Media Blast, Siphon Feed		Grainger#4NFU2	\$7,020		
42	Support	Media Blast, Pressure		Grainger#6YY21	\$14,300	2 ea	2ea @ \$7150
43	Support	Torque wrench tester, Proto#J6472 for 3/8" 25 to 250lbs		Grainger	\$2,340		
44	Support	Torque Wrench tester 1/4" 5-50lbs Proto#J6470		Grainger	\$1,690		
45	Support	Torques WrenchTester 1/2" ProtoJ6476		Grainger	\$1,900		
46	Support	Miller, Plasma Cutter		Grainger#4UV55	\$2,145		
47	Support	Rockwell (Hardness) Tester#900-331		Company Phase II, Phone 201-962-7373	\$2,600		
48	Support	Lathe, small bench style to turn Armatures		Grainger#5RAJ6	\$1,950		
49	Support	Steam Cleaner/Pressure washer P/N HT-H15015E1, Diesel Fired Burner		Ultimate Washer 1-866-858-4982	\$3,263		
50	Support	Tubing Bender, 1/4" to 5/8"		Van Sant, 1877-826-7268	\$1,560	2 ea	2ea @ \$780
51	Support	Surface Plate, Large with stand 3'-4'		Grainger#6PCY1and6PDD4	\$5,720		
52	Support	Hoist, 5 Ton, Aircraft and Engine		Grainger#5HH86	\$12,480		
53	Support	Tool Room Shelving, Edsal Heavy Duty Storage racks (24"X96")		Grainger#512M83	\$11,575	25 ea	25ea @ \$463
54	Support	Tool Room Storage Safety cabinets		Grainger#1YNE7	\$8,320	5 ea	5ea @ \$1664

FAA Part 147 Aviation Maintenance Technician School

Item #	FAA Part 147	Nomenclature	Part #	Mfg-Vendor	Cost	Quantity	Comments
55	Support	Janitorial Supply Cabinet		Grainger#4BE39	\$2,184	3 ea	3ea @ \$728
56	Support	6"Steel Casters, fixed and swivel		Grainger#1NVZ8	\$13,500	60 ea	60 @ \$225
57	Support	6"x3x1/4wall A500 Steel Structure Rectangle Tube 12 foot length Used to construct engine run stands (10ea) potentially by welding dept @BCC		Metals Depot 1-859-745-2650	\$11,412	36 ea	36 @ \$317
58	Support	Television Set for classroom 2ea and one for the lunch room 50"		Sony	\$10,530	3 ea	3ea @ \$3510
59	Support	Small hand tools, aircraft hardware for the tool room to include such items as rivet guns, torque wrench, taps and dye sets, pneumatic tools to support 2200hrs of theFAA instructional curriculum. Included are publications and organizations memberships.		TBD	\$325,000		
60	Ga	NIDA Basic Electronic	130E	John Rodes 321-727-2265	\$70,200	25 ea	25 ea @ \$2808
61	Ga	NIDA Software and test Equip		NIDA Corp	\$39,000	25 ea	25 ea @ \$1560
62	Ga	NIDA Courseware (Card Sets)		Model 1401-1438D	\$185,900	25 ea	25 ea @ \$7436
63	Ge	Draft Cabinet to support 25 students		Madison SH-DTC-24WT	\$7,475		
64	Ge	MagnaFlux Machine &Associated Equipment	AD-2045	North Star Imaging (NSI)Contact Mark Hickman 763-463-5667	\$56,500		
65	Ge	Zyglo Machine		NSI	\$57,972		
66	Ge	Eddy Current & Associated Eqp.		NSI	\$36,446		
67	Ge	Ultra Sonic System & Associated Equipment		NSI	\$20,199		
68	Gj	Computed Radiography Equip		NSI	\$141,076		
69	Gf	Battery Charger, Nickel Cadmium Model #11-6610-6000		Tronair 1-800-426-6301	\$17,451		
70	Gf	Battery Charger 12V/24VModel #92696-0552-9000		Tronair 1-800-426-6301	\$1,820	2 ea	2ea @ \$910
71	Ge	Glass Bead Booth	32887	Grainger Jody Renfro	\$5,616	2 ea	2ea @ \$2808
72	Ge	Surface Plate, Granite with 3x3 Stand	517-913	Mitutoyo 1888-648-8869	\$7,020	2 ea	2ea @ \$3510
73	Gk	FAA, Airworthiness Directives for small and large aircraft (library)		Anatext Sentinel Products	\$1,820		

FAA Part 147 Aviation Maintenance Technician School

Item #	FAA Part 147	Nomenclature	Part #	Mfg-Vendor	Cost	Quantity	Comments
74	Ga	Oscilloscope, Dual trace		Tectronics			
75	Gc,Gd,Gg	Aircraft, Used, Cessna 140 Conventional landing gear		Trade a plane	\$62,000	2 ea	2ea @ \$31K
				General Total	\$1,603,243		
76	Aa,Ak,Al	Aircraft, Cessna 152, Tricycle Gr.		Trade a Plane	\$66,000	2 ea	2ea @ \$33K
77	Ae,Ad	Aircraft, Piper Cherokee Low Wing		Trade a plane	\$32,500		
78	Ae,Ac	Aircraft, Cessna 310, Retractable Gear		Trade a plane	\$97,500		
79	Af, Ag	Aircraft, Lear Jet 23 Turbine Engine		Trade a plane	\$195,000		
80	A	Small Paint Booth (14x8x8)	4GGX1	Grainger (Global Finishing)	\$23,400		
81	A	Work Benches /Airframe 12 ea	7D197	Granger/Edsal	\$6,552	12 ea	12ea @ \$546
82	Aa,Ac,Ah,G I	Cessna 410 Used		Trade a Plane	\$193,700		
83	Aj, Go	Fire Detection System, and Extinguishing System, Mounted		Avotek	\$43,420	2 ea	2ea @ \$21710
84	Ak	12 Volt Dual Electrical Trainer		Avotek	\$29,658		
85	Af,Ag	Pneumatic System Display		Avotek	\$6,110		
86	Ac	Oxygen System Display		Avotek	\$6,760		
87	Al	Ice and Rain Protection Sys		Avotek	\$21,035		
88	Ac	Airconditioning & Heating Sys		Avotek	\$42,090		
89	Aa	Anit-Skid Brake System Trainer		Avotek	\$23,956		
90	Aa	Hydraulic Landing Gear System Trnr		Avotek	\$17,438		
91	Ak	Aircraft, Used Bell helicopter 206 (1974)		USA Jet and Helicopter 842-361-8400	\$552,500		
92	Ak	Aircraft, Used Bell helicopter 47 (1966)		USA Jet and Helicopter 842-361-8400	\$182,000		
93	Ak	Aircraft, Use Schweizer/Hughes 269C Helicopter		406--671-2789 Gary	\$188,500		
94	Ab	A&P Hydraulic Mule, Model 3000		910-371-1151	\$4,680		
95	A, Gc	Aircraft Jacks, Myer, Set #AJS3		Aviation Tool Supply	\$6,240		
96	Ab	Maule Tester, Model #315		Aviation Tool Supply	\$2,275	5 ea	5ea @ \$455
97	A	Aircraft, Cessna technical Manuals		Univar Aircraft Corp. 1-888-433-5433	\$10,400		

FAA Part 147 Aviation Maintenance Technician School

Item #	FAA Part 147	Nomenclature	Part #	Mfg-Vendor	Cost	Quantity	Comments
98	A	Piper Technical Manuals		Avantext 1-800-998-8857	\$10,400		
99	Ac	Vapor Cycle Air-conditioning (GUNT.DE) Training Board, Model ET900		Usdidactic 1-888-440-5227 extension 114, Oliver	\$18,200		
100	A, Gc	Aircraft scales on Rollers 1,000 pound Capacity		Global Industries P/N 79A253233	\$1,950	3 ea	3ea @ \$650
101	Aa	Table Saw 12" plus Blades		Grainger 2LKP6	\$2,990		
102	Ac	Joiner with Table Assy	DW735	Grainger 1E232	\$1,300		
103	Aa, Ac	Chop Saw, Wood	3HU86	Grainger	\$416		
104	Aa,Ac,	Tables for wood shop		Tenneco #WB1-3048W	\$4,680	6 ea	6ea @ \$780
105	Ak,Gf	Battery, Gill Model #G25		Aircraft Spruce located in Georgia 1-770-487-2310	\$394	2 ea	2ea @ \$197
106	Ak,Gf	Battery, Gill Model #G35		"	\$494	2 ea	2ea @ \$247
107	Ak,Gf	Battery, Gill,Model# G240		"	\$780	2 ea	2ea @ \$390
108	Ak,Gf	Battery, Gill Model # G50E		"	\$1,950	2 ea	2ea @ \$975
109	Ak,Gf	Battery, Nickel Cadmium					
110	A	Wood shop Sander floor model		Grainger# 52043	\$2,028		
111	A	Vise, wood		Grainger # 4LT43	\$2,340	6 ea	6ea @ \$390
112	A,Gj,Gf,	Hydrometer , P/N FR-1		Jepp Direct	\$290	5 ea	5ea @ \$58
113	A, Ac	Sheetmetal Brake 51 inch		Grainger#13W877	\$3,900		
114	A,Ac	Sheetmetal Shear 52 inch		Grainger#13W878	\$2,860		
115	A,Ac	Sheetmetal Box Brake		Grainger#13W876	\$1,560		
116	A,Ac	Sheetmetal Metal Notcher		Grainger#13W570	\$760		
117	A,Ac	Sheetmetal, Small forming roller (24")		Grainger#13W881	\$585		
118	A,Ac	Sheetmetal, Large forming roller(50")		Grainger#13W883	\$1,820		
119	A,Ac	Sheetmetal, Rotary Machine		Grainger#13W880	\$520		
120	Ab	Pfaff sewing machine #463, with Table		Miami Industrial Sewing and Machine Co. 1-800-890-1217	\$5,200		
121	Ae	Oxy-Acetylene welding Stations 16EA with fume collectors		Grainger, ESTIMATE	\$18,200		
122	Ag	Cold storage floor freezer for composite material and DD rivets		Grainger#5NTX6	\$910		
123	Ab	Hydraulic Test Bench #58 test various types of pumps, actuators etc		A&P Hydraulics Series, Steve Harris 1-910-371-1151	\$117,000		

FAA Part 147 Aviation Maintenance Technician School

Item #	FAA Part 147	Nomenclature	Part #	Mfg-Vendor	Cost	Quantity	Comments
124	Af,Gf	Hydraulic Mule,# 623 To test Hydraulic Landing gear systems		"	\$24,700		
125	Ac	Vacuum booth for Composites		tbd	\$20,800		
126	Ae	2 Bottle Portable Oxy-Acetalone tanks with cart		Uniweld/Grainger#5KH26	\$1,040		
127	A	Delta Sanding Disc Station(wood)		Grainger#4TJ97	\$1,430		
128	Ac	2 nitrogen service carts		Grainger	\$3,900		
129	Ae,Gc	Aircraft Electronic Scales, #M2000-3-10CS for up to 30,000 pound aircraft.		Jackson Aircraft 561-281-6179	\$7,800		
				Airframe Total	\$2,012,911		
130	Pa	Valve grinder		Sioux P/N 012-0005-01	\$9,880		
131	Pa	Used Contential Engines Listed below		Quality Aircraft Salvage, Groveland Florida 352-429-9016, all engines operatable and complete			
132	Pa	O-200 Contential		or Wentworth Aircraft	\$15,600	2 ea	2ea @ \$7800
133	Pa	IO-200 "		1-800-4903-6896 / Dave	\$20,800	2 ea	2ea @ \$10400
134	Pa	O-300 "			\$23,400	2 ea	2ea @ \$11700
135	Pa	O-470 "			\$26,000	2 ea	2ea @ \$13K
136	Pa	ISO-470 "			\$31,200	2 ea	2ea @ \$15600
137	Pa	O-320 Lycoming			\$15,600	2 ea	2ea @ \$7800
138	Pa	O-360 Lycoming			\$19,500	2 ea	2ea @ \$9750
139	Pa	10-360 Lycoming			\$23,400	2 ea	2ea @ \$11700
140	Pa	TIO-540 Lycoming			\$31,200	2 ea	2ea @ \$15600
141	Pb	Runnable J-15 Turbo Jet engine/Cell		Avotek Maintenance Trng Equipment 1-800-828-6835 Jay Frizzelle, Virginia	\$125,424		
142	Pb,Pe,Pg	P&W PT6 Turbo Prop runnable Engine		Avotek	\$200,000	2 ea	2ea @ \$100K
143	Pl	Thurst Reverser, Turbine Engine		Avotek	\$20,222		
144	Pb,Pc	PT-6 Teardown Engine		Avotek	\$37,324		
145	Pl	Exhaust Driven Turbo Charger		Avotek	\$3,900		
146	Pa,Pc,Pj	Radial Engine, 985 Non operational		Avotek	\$12,350		

FAA Part 147 Aviation Maintenance Technician School

Item #	FAA Part 147	Nomenclature	Part #	Mfg-Vendor	Cost	Quantity	Comments
147	Pk	Propeller, Hamiton Standard		Avotek	\$5,200		
148	Pc	28Volt Dual Electrical Trainer		Avotek	\$50,872		
149	Pf	Turbine Fuel System Trainer		Avotek	\$24,163		
150	Pf,Pg	TCM Fuel Injection System Trainer		Avotek	\$19,357		
151	Pb,Pd,Pk	General Electric CJ-610 Jet Engine		Brandis Aircraft 217-824-8032	\$39,000	2 ea	2ea @ \$19500
152	P	PT-6 Engine for (runout) non-operational		Dynamic Aviation Gary Sanbridge 540-560-2620	\$39,000	2 ea	2ea @ \$19500
153	Pk	Propeller Protractor #23-1990		Aviation Tool Supply	\$10,400	5 ea	5ea @ \$2080
154	P	Technical Aircraft Manuals engine and propellers		Variety of companies	\$26,000		
155	Pb, Go	Fire Extinguishers, CO2		Kidde, 408-466181	\$2,600	10 ea	10ea @ \$260
156	P	Hoist, engine (2 Ton) on rollers		Torin # TR9103D 321-952-4916	\$2,600		
157	P, Pc	Magneto Timing Light #12-01013		Aircraft Spruce located in Georgia 1-770-487-2310	\$585	5 ea	5ea @ \$117
158	P, Pc	SPCT100 Spark Plug Cleaner P/N 12-01629		"	\$2,340		
159	Pc	High Voltage cable tester		"	\$585	5 ea	5ea @ \$117
160	Pa	ATS Differential Cylinder Tester, 18MM		"	\$390	5 ea	5ea @ \$78
161	Pa	Timing Indicator TP 102		"	\$390	5 ea	5ea @ \$78
162	Pa	Time Rite Deluxe Combo Kit 12-02872		"	\$3,900	5 ea	5ea @ \$780
163	P, Pk	Cessna 150, #69CK-0-52		Aircraft Spruce, Sensenich Propellers	\$10,400	2 ea	2ea @ \$5200
164	P, Pk	Cessna 140, #76AK-2-44		"	\$10,400	2 ea	2ea @ \$5200
165	P, Pk	Cessna 172, #74DC-0-56		"	\$10,400	2 ea	2ea @ \$5200
166	P, Pk	Piper Cherokee, #74DM6-0-60		"	\$10,400	2 ea	2ea @ \$5200
167	P, Pk	0-320 Prop, # 76EM855-0-60		McCauley Propellers Contact Becky Gillean 316-831-3849	\$10,400	2 ea	2ea @ \$5200
168	P, Pk	IO-360 PROP, # 76EM855-0-62		"	\$10,400	2 ea	2ea @ \$5200
169	P, Pk	C-85 Prop, #CM7148		"	\$10,400	2 ea	2ea @ \$5200
170	P, Pk	0-200 Prop, MCM6950		"	\$10,400	2 ea	2ea @ \$5200
171	P,Pk	0-300 Prop, #EM7653		"	\$10,400	2 ea	2ea @ \$5200
172	P, Pk	0-320 Prop, #DTM7553		"	\$10,400	2 ea	2ea @ \$5200
173	P, Pk	0-360 Prop, #EFA7656		"	\$10,400	2 ea	2ea @ \$5200
174	P, Pk	0-540 Prop, #PFA82665		"	\$10,400	2 ea	2ea @ \$5200

FAA Part 147 Aviation Maintenance Technician School

Item #	FAA Part 147	Nomenclature	Part #	Mfg-Vendor	Cost	Quantity	Comments
175	Pa,Pc	Valve Seat grinder, Sioux P/N 034-3030-16		Sioux/Cylinder head Supply	\$13,780		
176	Pa,Pc	Valve Seat grinder, Stand P/N 012-0039-00		Sioux/Cylinder head Supply	\$14,300		
177	Pa,Pc	Wet Cylinder and Stone Dresser Model 680 or newer with stand		Sioux/Cylinder head Supply	\$18,850		
178	Pa, Pc	Various Grinding stones for Lycoming and Continental Engines		Sioux/Cylinder head Supply	\$10,400		
179	Pc	Valve Spring Tester #0067		Rimac/Cyl head Supply	\$845		
180	P	Sioux, Valve Guide Pilots, Various		Sioux/Cylinder head Supply	\$1,820	20 ea	20ea @ \$91
181	P	Sioux, Wet Cylinder grinder		Sioux/Cylinder head Supply	\$9,750		
182	Pf	Fuel Flow Test Bench		Seriflex #417A	\$21,840		
183	P	Parts Washer/Soak tank, 60 gal		Grainger#4NFU9	\$6,890	2 ea	2ea @ \$3445
184	Pk	Propeller balancing stand, knife blade		TBD	\$5,200		
185	Pc	Test Stand, Ignition Magneto, Model# 6920B		Hydraulic Technology Inc.916-645-3317 Dan ext 113	\$13,000		
186	Pe	PAC,Carburetor Flow Bench		Understudy	\$35,750		
187	P	The following are used items to support equipment required to manufacturing engine run stands for Continental and Lycoming engines (see items 22 thru 30)		Quality Aircraft Salvage or Wentworth (see Item 21 for additional info)			
188	Pf	Carburetors		"	\$10,400	20 ea	20ea @ \$520
189	Pc, Ph	Magnetos		"	\$15,600	40 ea	40ea @ \$390
190	P	Engine Mounts		"	\$3,900	10 ea	10ea @ \$390
191	Pd	Hydraulic Pumps		"	\$3,250	25 ea	25ea @ \$130
192	P, Pe	Generators		"	\$2,600	10 ea	10ea @ \$260
193	P, Pe	Spark Plugs		"	\$520	80 ea	80ea @ \$6.50
194	P, Pe	Starters		"	\$5,200	20 ea	20ea @ \$260
195	P	Throttle controls		"	\$1,300	10 ea	10ea @ \$130
196	P	Oil Pressure gauges		"	\$650	10 ea	10ea @ \$65
197	P	Temperature gauges		"	\$650	10 ea	10ea @ \$65
198	P	Tachometers		"	\$1,300	10 ea	10ea @ \$130
199	P	Carburetor Heat		"	\$1,300	10 ea	10ea @ \$130
200	P	Oil Sumps		"	\$1,300		

FAA Part 147 Aviation Maintenance Technician School

Item #	FAA Part 147	Nomenclature	Part #	Mfg-Vendor	Cost	Quantity	Comments
201	Pc	Borescope, Turbine, Lenox 9"		ATS #6600K-900	\$1,560		
202							
203				Powerplant Total	\$1,169,937		
204							
205							
206							
207							
208							
Total					\$4,786,091		



**OFFICE OF THE COUNTY ADMINISTRATOR
Citrus County Board of County Commissioners
Economic Development Department**

**3600 W. Sovereign Path, Lecanto, FL 34461
Phone: (352) 527-5487 Fax: (352) 527-5204**

"We will be a user-friendly and common-sense organization dedicated to responsive citizen services."

June 14, 2023

Meredith Ivey, Acting Secretary
Florida Department of Economic Opportunity
107 East Madison Street
Tallahassee, FL 32399

Re: Withlacoochee Technical College Grant Application

Dear Acting Secretary Ivey,

I am writing this letter in support of Withlacoochee Technical College's 2023 application for the Job Growth Grant Fund for Workforce Development. As part of the highly respected and award-winning Citrus County Schools System WTC is the local technical college serving both secondary students and adults in our community and surrounding communities. Their application for the grant to fund an Aviation Mechanic Training Program will benefit local aviation businesses and provide high skill/high wage job opportunities for our residents.

According to the Florida Department of Transportation's 2022 Aviation Economic Impact Study Citrus County's two county owned airports in Inverness and Crystal River contributed \$68.8M and \$54.7M in economic output respectively. To keep up with the demand for aviation services a local Aviation Mechanic Training Program is essential.

Furthermore, Citrus County has made development of the aviation industry a top economic development priority. Active recruitment and expansion of aviation businesses, construction of aircraft hangars, infrastructure upgrades, the location of a new fire station on airport property, and many other investments are already underway.

I highly recommend your careful consideration of WTC's application and can assure you that this funding will not only address long-standing local needs for aviation mechanics but will contribute to the overall economic development of the region and state.

Thank you for the opportunity to express my support for the proposed training program and for giving WTC's application your full consideration. I look forward to your decision.

Sincerely,

Frank Calascione, CEcD
Economic Development Director
Citrus County Board of County Commissioners



June 20, 2023

Alex Kelly, Secretary of Commerce
Florida Department of Commerce
107 E. Madison St.
Tallahassee, FL 32399

Re: Withlacoochee Technical College / DEO Grant Request for an FAA Part 147 Aircraft Mechanics Training Program

Dear Secretary Kelly,

The Citrus County Chamber of Commerce supports the referenced grant application by Withlacoochee Technical College (WTC) to establish an Aviation Mechanic Training Program at the Inverness Airport. As part of the highly respected and award-winning Citrus County Schools System, WTC is the local technical college serving both secondary students and adults in Citrus and surrounding communities. WTC's application for this grant will benefit local aviation businesses and provide high skill/high wage job opportunities for our residents.

Citrus County has made development of the aviation industry a top economic development priority. Active recruitment and expansion of aviation businesses, construction of aircraft hangars, infrastructure upgrades, the location of a new fire station on airport property, and many other investments are already underway. This grant application coincides with a companion grant application for a new hangar at the Inverness Airport. The new hangar will be shared with the Part 147 training program.

Both the Inverness and Crystal River Airports in Citrus County are growing rapidly and have an essential need for mechanics to service the aircraft that fly in and out and hangar at the airports. According to the Florida Department of Transportation's 2022 Aviation Economic Impact Study Citrus County's two county owned airports in Inverness and Crystal River contributed \$68.8M and \$54.7M in economic output respectively.

Inverness Airport FBO Right Rudder Aviation is a dynamic and enterprising company that recently secured a contract with Mesa Airlines to offer flight training services for future commercial airline pilots. Right Rudder also holds the distinction of being the first facility in the nation to assemble and test fully electric aircraft.

The Crystal River Airport has received state funding to lengthen their runway to allow for corporate jets to utilize the airport more easily. As their flight operations increase, so will their need for mechanics to service the aircraft.



Citrus County is fortunate to have both a respected technical school and an excellent FBO that will work together to meet this need. The Aviation Mechanic Training Program will be a collaborative effort of Withlacoochee Tech and Right Rudder Aviation, and their graduates will be able to immediately step into high-paying in-demand jobs

We respectfully request that the DEO approve this application.

Sincerely,

A handwritten signature in black ink, appearing to read "Josh Wooten", with a stylized flourish at the end.

Josh Wooten, President / CEO

June 22, 2023

Meredith Ivey, Acting Secretary
Florida Department of Economic Opportunity
107 East Madison Street
Tallahassee, FL 32399

Re: Withlacoochee Technical College Grant Application

Dear Acting Secretary Ivey,

I am writing this letter in support of Withlacoochee Technical College's 2023 application for the Job Growth Grant Fund for Workforce Development. As part of the highly respected and award-winning Citrus County Schools System, WTC is the local technical college serving both secondary students and adults in our community and surrounding communities. Their application for the grant to fund an Aviation Mechanic Training Program will benefit local aviation businesses and provide high-skill/high-wage job opportunities for our residents.

According to the Florida Department of Transportation's 2022 Aviation Economic Impact Study, Citrus County's two county-owned airports in Inverness and Crystal River contributed \$68.8M and \$54.7M in economic output, respectively. To keep up with the demand for aviation services, a local Aviation Mechanic Training Program is essential.

Furthermore, Citrus County has made the development of the aviation industry a top economic development priority. Active recruitment and expansion of aviation businesses, construction of aircraft hangars, infrastructure upgrades, the location of a new fire station on airport property, and many other investments are already underway.

We at SECO Energy highly recommend your careful consideration of WTC's application, and we can assure you that this funding will address long-standing local needs for aviation mechanics and contribute to the overall economic development of the region and state.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Curtis Wynn".

Curtis Wynn, CEO



Search...



Home (/StrategicBusinessDevelopment/s/)

Programs

Proposals / Applications

Eligibility

Entity

Program ...

Additions...

Budget

Approvals...

Submitt...

Attestati...

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 the proposal is truthful and accurate, and no material fact has been omitted.

* (required) Name of Entity:

Withlacoochee Technical College - Citrus County School Board

* (required) Name and Title of Authorized Representative:

Sandra Himmel, Superintendent of Citrus County Schools

* (required) Representative Signature:

Sandra Himmel

Complete this field.

* (required) Signature Date:

June 29, 2023

Complete this field.

Previous

Next



WITHLACOOCHEE
TECHNICAL COLLEGE

1201 West Main Street Inverness, FL 34450-4696
(352) 726-2430 Fax: (352) 249-2157
www.wicollege.org

David Roland
DIRECTOR

Dawna Boley
ASSISTANT
DIRECTOR

Lisa Paprzycki
ASSISTANT
DIRECTOR

Chief David Vincent
Director

Public Safety Training Academy



June 12, 2023

Withlacoochee Technical College strongly supports the Citrus County Board of County Commissioners' request for a Florida Department of Economic Opportunity Job Growth Grant Fund for Infrastructure award of \$4,500,000 to fund the construction of a 24,000 square foot commercial aviation hangar at the Citrus County owned Inverness Airport.

Citrus County currently has three private aviation businesses on a waiting list for commercial aviation hangars. The construction of this large hangar could accommodate one or more of those businesses and according to Lightcast Analytics would increase annual local GDP by \$30,000,000 and create 170 new jobs.

Citrus County has shown commitment to this project by passing Resolution 2023-046 on June 6, 2023, which committed \$300,000 of local economic development funds to the design and permitting of the 24,000 square foot commercial hangar.

Additional investments for the Inverness Airport are in progress and proposed. They include the development of the 80-acre Inverness Airport Business Park, taxiway extensions, and a new Inverness Airport Fire Station.

A tremendous opportunity to locate and expand aviation businesses, generate economic impact, and provide high skill/high wage jobs exists. Withlacoochee Technical College is committed to assisting Citrus County in achieving these economic development goals and is hopeful that the Florida Department of Economic Opportunity will award this infrastructure grant.

Respectfully,

David Roland
Director