



## 2021-2022 Florida Job Growth Grant Fund Workforce Training Grant Proposal

Proposal Instructions: Please read this document carefully and provide the information requested below. Some questions may request that a separate narrative be completed. If additional space is needed, attach a word document with your entire answer.

### Entity Information

Name of Entity: Pinellas County School Board - Pinellas Technical College Clearwater Campus

Federal Employer Identification Number (if applicable): \_\_\_\_\_

Primary Contact Name: Mark Hunt

Title: Executive Director

Mailing Address: 301 4th Street SW  
Largo FL 33770

Phone Number: 727 - 588- 6000

Email: huntwi@pcsb.org

Secondary Contact Name: Jake Prokop

Title: Director

Phone Number: 727-538-7167

### 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.  
 Heavy Equipment Training Program. This training program will prepare the public to enter careers in the diesel and heavy equipment maintenance and repair industry. This proposal is to build a new training facility to support the heavy equipment addition to the currently successful diesel training on the technical college campus.
 

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- B. Describe how this proposal supports programs at state colleges or state technical centers.  
 Pinellas Technical College Clearwater Campus offers a multitude of programs that support local economic development as well as articulate to the state college system. This proposal will increase the college's capacity to meet its mission and provide a new career preparatory program for the Tampa Bay area.
 

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- C. Describe how this proposal provides participants transferable, sustainable workforce skills applicable to more than a single employer.  
 The training offered through this program does not target a single employer as it will be designed to prepare students to work on various equipment. The heavy equipment is used in multiple industries including, road, horizontal, vertical, and bridge construction. All employers involved in the construction industries will benefit.
 

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- D. Describe how this proposal supports a program(s) that is offered to the public?  
 Pinellas Technical College is a public, open access, institution available to all interested students. This program will continue to use the same protocols for entry as every other program offered at this time.
 

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- E. Describe how this proposal is based on criteria established by the state colleges and state technical centers.  
 This program will use the Florida Department of Education State Curriculum Frameworks for the Heavy Equipment Service Technician (T440100) program. In conjunction with the current Diesel Systems Technician program already established at the college, the Heavy Equipment program is an added value to the college.
 

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

Yes       No

 Pinellas Technical College is a public, open access, post -secondary institution.
 

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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.

This program will enhance workforce training by expanding the capacity of the college to graduate an additional 20 students per year with skills in Heavy Equipment Maintenance and Repair. These new technicians will earn a mean salary of \$23.66 - \$25.12 per hour up on entry and approximately an additional \$4.00 per hour once they gain experience. Completion and placement of graduates will be used as metrics for program success in accordance with the college's accreditation standards.

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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.

This is a new program and facility but current students in the diesel training program will have a seamless pathway to enhance their abilities in this 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?

Heavy Equipment technicians are needed for all construction projects. The targetted industries (aerospace, advanced manufacturing, business & finance, defense & homeland security, information technology, and life science/medical) will all use heavy equipment to build their new facilities, roads, sewer, cable, etc.

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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?  Yes  No  
([View Florida's Demand Occupations Lists here.](#))

If yes, please indicate the specific occupation(s) with which the proposal aligns.

If no, with which occupation does the proposal align?

This proposal aligns with regional targetted occupations of Bus and Truck Mechanics and Diesel Engine Specialists as well as the Mobile Heavy Equipment Mechanics, Except Engines.

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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, etc.) where the training will be available.

Training will be delivered in-person at the Pinellas Technical College Clearwater Campus.

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

Annual enrollment should reach 40 students with 20 of them completing throughout the year.

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

08/15/22

N/A

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

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

The program will begin once the certificate of occupancy has been issued. The training will be perpetual as this is a permanent addition to the Pinellas Technical College program catalog.

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

Pinellas County annual workforce funding will be used to support the program along with other (Perkins, CAPE, etc.) support. Since this will be a PSAV program, tuition will be paid by students to complete the sustainability model.

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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 completers in each code, corresponding with Section E.

Program completers will be eligible for a PSAV diploma from the State of Florida. In addition, students will be eligible to earn the Automotive Service Excellence Truck Certifications. Related CIPs are: 47.0302 - Heavy Equipment Technicians (70%) and 47.0613 Medium/Heavy Vehicle Truck Technology/Technician (30%)

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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.

**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      \$3,406,088.00  
 Florida Job Growth Grant Fund

A. Other Workforce Training Project Funding Sources:

City/County	\$0.00	
Private Sources	\$0.00	
Other (grants, etc.)	\$0.00	Please Specify: _____
<b>Total Other Funding</b>	<b>\$0.00</b>	

B. Workforce Training Project Costs:

Equipment	\$657,300.00	
Personnel	\$	
Facilities	\$2,628,014.00	
Tuition	\$	
Training Materials	\$120,774.00	
Other	\$0.00	Please Specify: _____
<b>Total Project Costs</b>	<b>\$3,406,088.00</b>	

**Note:** The total amount requested must be calculated by subtracting the total other workforce training project funding sources in A. from the total workforce training project costs in B.

- C. 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.

Description attached.

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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)?

The School Board of Pinellas County would need to give a final approval of the proposal.

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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.

The school board of Pinellas County meets the second and fourth Tuesday of each month. Dates: 11-9-21, 12-14-21, 1-11-22, 1-25-22, 2-8-22, 2-22-22, 3-8-22, 3-22-22, 4-12-22, 4-26-22, 5-10-22, 5-24-22, 6-14-22, and 6-28-22.

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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.
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**WORKFORCE TRAINING GRANT PROPOSAL**

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: Pinellas County School Board

Name and Title of Authorized Representative: Dr. Michael Grego, Superintendent

Representative Signature: Michael A. Grego

Signature Date: 10/29/2021

## 2021-2022 Florida Job Growth Grant Fund

### Workforce Training Grant Proposal

By

#### Pinellas Technical College Clearwater Campus

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

Pinellas Technical College Clearwater Campus offers a multitude of programs that support local economic development as well as articulate to the state college system (e.g. Early Childhood Education, Hospitality and Tourism Management, Web Development, Nursing RN). This proposal will increase the college's capacity to meet its mission and provide a new career preparatory program for the Tampa Bay area.

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

The training offered through this program does not target a single employer as it will be designed to prepare students to work on various equipment. The heavy equipment is used in multiple industries including, road, horizontal, vertical, and bridge construction. All employers involved in the construction industries will benefit. Students in this program will have the opportunity to earn the following ASE Medium and Heavy Truck Certifications; T1 – Gasoline Engines, T2 – Diesel Engines, T3 – Drive Trains, T4 – Brakes, T5 – Suspension & Steering, T6 – Electrical/Electronic Systems, T7 – Heating, Ventilation & Air Conditioning (HVAC), and T8 – Preventive Maintenance.

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

Pinellas Technical College (PTC) is a public, open access, institution available to all interested students. This program will continue to use the same protocols for entry as every other program offered at this time. PTC is accredited by the Council of Occupational Education and offers financial aid to all students who are eligible. Currently, approximately 73% of students received some PELL financial aid. PTC also has scholarships for students who do not qualify for PELL. PTC students are a diverse community with 3% Asian, 18% Black, 18% Hispanic, 4% Multi Racial, and 56% White demographics. Students also vary in ages with 12% 16 – 18, 24% 19 – 24, 29% 25 – 34, 20% 35 – 50, and 5% 51 years or older. Nine percent of the currently enrolled students are veterans and there are over 60 students in our dual enrollment program. This program will be open to all these various groups of students at an affordable tuition rate.

*2.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 completers in each code, corresponding with Section E.*

Program completers will be eligible for a PSAV diploma from the State of Florida. In addition, students will be eligible to earn the Automotive Service Excellence Medium and Heavy Truck Certifications (T1 – Gasoline Engines, T2 – Diesel Engines, T3 – Drive Trains, T4 – Brakes, T5 – Suspension & Steering, T6 – Electrical/Electronic Systems, T7 – Heating, Ventilation & Air Conditioning (HVAC), and T8 – Preventive Maintenance). Related CIPs are: 47.0302 - Heavy Equipment Technicians (60%), 47.0613 – Medium/Heavy Vehicle Truck Technology/Technician (20%), and 47.0699 – Mobile Equipment Mechanics, Except Engines (20%)

*3. Program Budget. The program budget has three sections:*

- A. Facility: \$2,628,014
- B. Hydraulic Trainers: \$120,774
- C. Heavy Equipment: \$ 657,300

Total program cost: \$3,406,088



A: Facility



## FACILITIES, DESIGN AND CONSTRUCTION ESTIMATE SHEET

Facilities Name: Pinellas Technical College Clearwater  
 Project #: \_\_\_\_\_ Cost Center: \_\_\_\_\_  
 Estimator: John Cooley Date: 6/9/2021

### SCOPE OF WORK

Four bay Garage with lifts, roll up doors and hydraulics training rooms

### DETAILED ESTIMATE

	UM	Amount	Unit Cost	Cost
Engineered building framing & sheathing	Sq Ft	5600	\$26.00	\$ 145,600
Hydraulic bus lift	Each	4	\$40,000.00	\$ 160,000
Roll up doors	Each	4	\$12,000.00	\$ 48,000
Air conditioning (Bard Units)	Each	2	\$12,000.00	\$ 24,000
Concrete building pad & outdoor slab	Sq Ft	11,200	\$ 25.00	\$ 280,000
Overhead hoist	Each	1	\$10,000.00	\$ 10,000
Training room	Sq Ft	1600	\$ 190.00	\$ 304,000
Male Restroom	Sq ft	150	\$ 1,000.00	\$ 150,000
Female Restroom	Sq Ft	150	\$1,000	\$ 150,000
				\$ -
Electric	Allowance	15%	\$1,027,600.00	\$ 154,140.00
Plumbing (allow for water main relocate)	Allowance	20%	\$1,027,600.00	\$ 205,520.00
tree removal	Allowance	5%	\$1,027,600.00	\$ 51,380.00
Site work	Allowance	15%	\$1,027,600.00	\$ 154,140.00
Inflation	Allowance	10%	\$1,027,600.00	\$ 102,760
exploratory site investigations and testing	Allowance	5%	\$1,027,600.00	\$ 51,380
				\$ -
<b>Sub Total</b>				<b>\$ 1,990,920</b>
CM Overhead and profit 15%				\$ 298,638
10% Project Contingency				\$ 99,546
<b>TOTAL CONSTRUCTION COST</b>				<b>\$ 2,389,104</b>
School Board General Condition				
10 % Design Services				\$ 238,910
<b>TOTAL FACILITY PROJECT COST</b>				<b>\$ 2,628,014</b>



Regional Manager:  
 Mark Gaudio  
[mgaudio@jaegereducation.com](mailto:mgaudio@jaegereducation.com)

**Pinellas Technical College-Clearwater  
 Amatrol: Hydraulics Basic & Intermediate; Maintenance; Troubleshooting**

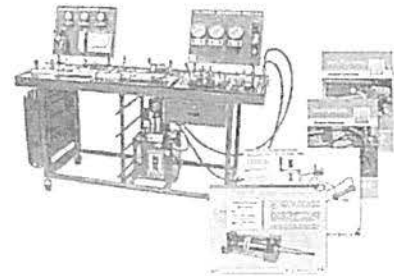
P. O. Box 2455  
 Winter Park, FL 32790  
 Office 407-645-1500, Fax 407-645-5904  
 Florida only 800-432-2022

ITEM NUMBER	DESCRIPTION	QTY	COST	TOTAL COST
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**Hydraulics: Basic & Intermediate**

850-C1	Basic Fluid Power Learning System - Single Surface Bench <u>Requires pneumatic power supply or conditioned (dry and filtered) shop air, 16393 or 16391 Hydraulic Oil, 41220 Hand Tool Package.</u>	1	\$20,733.90	\$20,733.90
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Includes: (1) 850-CTB-A Controls Technology Bench; (1) 85-HPS Hydraulic Power Supply; (1) Basic Hydraulic Actuator Panel; (1) Basic Hydraulic Valves Panel; (1) Basic Hydraulic Instrumentation Panel; (1) 85-HHF Hydraulic Hose and Fittings Package; (1) Basic Pneumatics Actuator/Valve Panel; (1) Basic Pneumatics Instrumentation Panel; (1) 85-PHF Pneumatic Hose and Fittings Package; (1) 16141 Bench Manifold Kit; (1) NB831 and MB834 Student Curriculum - Interactive PC-Based Multimedia; (1) CB831 and CB834 Instructor's Guide; (1) KB831 and KB834 Instructor's Resource Print CD; (1) DB831 and DB834 Installation Guide, (1) HB831 and HB834 Student Reference Guide.



16391	Hydraulic Oil 10 Gallon	1	\$473.80	\$473.80
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41220	Hand Tool Package - Hydraulic Systems <u>Adds to 850-C1, 850-CD1, 850-H1, 850-HD1, 85-BH, 950-HT1, and 96-HYD1.</u>	1	\$1,792.20	\$1,792.20
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Includes: (5) Emery Cloth Sets; (1) Socket Set; (1) Torque Wrench; (1) Strap Wrench; (2) Combination Wrench; (1) Screwdriver Set; (1) 6" Rule; (1) Bucket; (1) Allen Wrench Set; (1) Brush ; (1) Degreaser; (1) Flashlight; (1) Dead Blow Hammer; (1) Digital Meter; (1) Oil; (1) O-Ring Set; (1) 3-Drawer Tool Box; (1) Vise Jaws; (1) Wire Brush, (1) Adjustable Wrench 12"; (1) Adjustable Wrench 8"; (1) Bottle and Sprayer, (1) Scissors; (1) Beaker.

85-IH Intermediate Hydraulics Learning System 1 \$6,906.15 \$6,906.15  
Requires basic hydraulics system (850-H1, 850-HD1, 850-C1, 850-CD1, or 85-BH) and 79-552 Accumulator Charging Assembly.

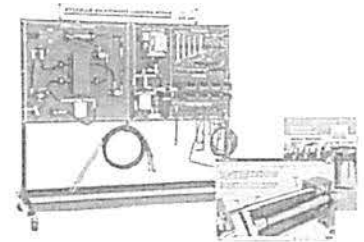
Includes: (1) 85-IH-H Intermediate Valve Module; (1) MB832 Student Curriculum - Interactive PC-Based Multimedia; (1) CB832 Instructor's Guide; (1) KB832 Instructor's Resource PrintCD; (1) DB832 Installation Guide; (1) HB832 Student Reference Guide.

ITEM NUMBER	DESCRIPTION	QTY	COST	TOTAL COST
79-552	Accumulator Charging Assembly <u>Used to charge accumulator in 85-IH, 96-HYD2, and 950-HT1. Requires compressed nitrogen gas to charge accumulator assembly.</u>	1	\$1,349.30	\$1,349.30
	On-Site Delivery, Installation and Training			\$2,500.00
<b>Total Hydraulics Basic &amp; Intermediate:</b>				<b>\$33,755.35</b>

**Hydraulics Maintenance:**

950-HM1 Hydraulic Maintenance Learning System 1 \$16,237.95 \$16,237.95  
Requires 85-HPS3 Hydraulic Power Supply, 16391 Hydraulic Oil, 120V/60Hz/1ph electrical, and PC. For PC requirements, see [amatrol.com/support](http://amatrol.com/support). Optional 23158 Spare Parts Kit available.

Includes: (1) Mobile Workstation; (1) Hose Set (1) Hose Rack; (1) Flush Cart Module; (1) Hydraulic Fluid Inspection and Service Kit; (1) Hydraulic Component Panel; (1) Hydraulic Fittings Module and Fittings; (1) M19290 Student Curriculum - Interactive PC- Based Multimedia; (1) C19290 Instructor's Guide; K19290 Instructor's Resource Print CD; (1) D19290 Installation Guide; (1)H19290 Student Reference Guide.



85-HPS3 Hydraulic Power Supply 1 \$5,088.20 \$5,088.20  
Requires 16393 or 16391 Hydraulic Oil and 120V/60Hz/1ph electrical.

16391 Hydraulic Oil 10 Gallon 1 \$473.80 \$473.80  
 Includes: (1) Power Supply.

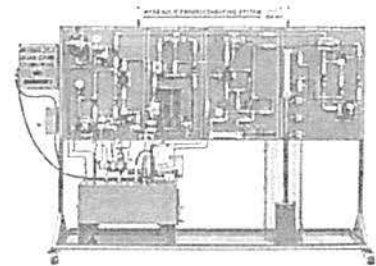
23158 950-HM1 Spare Parts Kit 1 \$401.70 \$401.70

Includes: (2) Male Quick Connects, (1) Sampling Bottle, (2) Hoses, (8) Bins, (2) Buckets, (2) Tees, (1) Pitcher.

Installation and Training 1 \$2,500.00 \$2,500.00

<b>Total Hydraulics Maintenance</b>				<b>\$24,701.65</b>
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ITEM NUMBER	DESCRIPTION	QTY	COST	TOTAL COST
<b>Hydraulics Troubleshooting:</b>				
950-HT1	<p><b>Hydraulic Troubleshooting Learning System</b>  <u>Requires 208V/60Hz/3ph electrical, compressed air supply, 41220 Hand Tool Package, 79-552 Accumulator Charging Assembly, and 16393 Hydraulic Oil. Optional 23156 Spare Parts Kit available.</u></p> <p>Includes: (1) Mobile Workstation; (1) Operator Station; (1) Power Unit Panel; (1) Overrunning Load Panel; (1) Compression Load Panel; (1) Running Load Panel; (1) Tank and Pump Assembly; (1) Unloader Valve; (1) Counterbalance Valve; (1) Steel Weight with locking pin and guard; (3) Pressure Gauges; (1) Vacuum Gauge; (1) Pressure Switch; (1) Flow Meter Assembly, (1) Tank Drain Nozzle; (1) Flush Plate; (4) Springs; (1) Open Circuit Fault Plug; (1) Short Circuit Fault Plug; (1) Lockout/Tagout Kit; (1) BB544 Student Learning Activity Packet; (1) CB544 Instructor's Guide; (1) KB544 Instructor's Resource Print CD; (1) DB544 Installation Guide; (1) HB544 Student Reference Guide.</p>	1	\$55,007.15	\$55,007.15
41220	<b>Hand Tool Package - Hydraulic Systems</b>	1	\$1,792.20	\$1,792.20
79-552	<p><b>Accumulator Charging Assembly</b>  <u>Used to charge accumulator in 85-IH, 96-HYD2, and 950-HT1. Requires compressed nitrogen gas to charge accumulator assembly.</u></p>	1	\$1,349.30	\$1,349.30
16393	Hydraulic Oil 30 Gallon	1	\$1,416.25	\$1,416.25
23156	<p><b>950-HT1 Spare Parts Kit</b></p> <p>Includes: (2) Male Quick Connects, (3) Female Quick Connects, (3) Male Fittings, (6) Fuses, (3) Hoses, (3) Couplings.</p>	1	\$252.35	\$252.35
INSTALL & TRAIN	Installation and Training	1	\$2,500.00	\$2,500.00
<b>Total Hydraulics Troubleshooting</b>				<b>\$62,317.25</b>



*C. Heavy Equipment*

EQUIPMENT COST ESTIMATE

130 Excavator	1	\$135,000.00
450 Dozer	1	\$82,500.00
325 Track Loader	1	\$48,800.00
524 Loader	1	\$130,000.00
620 Grader	1	\$187,500.00
145 Roller	1	\$73,500.00
Total Equipment		\$657,300.00