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## MTSU Clean Energy Initiative Project Funding Request

There are five (5) sections of the request to complete before submitting. See <http://www.mtsu.edu/~sga/cleanenergy.shtml> for funding guidelines. Save completed form and email to [cee@mtsu.edu](mailto:cee@mtsu.edu) or mail to MTSU Box 57.

1. General Information	
Name of Person Submitting Request Rashad Taylor	
Department/Office CEE	Phone # (Office) 6159048096
MTSU Box # 57	Phone # (Cell) 6153101556
E-mail <a href="mailto:ret3a@mtmail.mtsu.edu">ret3a@mtmail.mtsu.edu</a>	Submittal Date 10/5/2016

2. Project Categories (Select One)	
Select the category that best describes the project.	
<input type="checkbox"/> Energy Conservation/Efficiency	<input type="checkbox"/> Sustainable Design
<input checked="" type="checkbox"/> Alternative Fuels	<input type="checkbox"/> Other
<input type="checkbox"/> Renewable Energy	

3. Project Information
<p>a. Please provide a brief descriptive title for the project.</p> <p>b. The project cost estimate is the expected cost of the project to be considered by the committee for approval, which may differ from the total project cost in the case of matching funding opportunities. <b>Any funding request is a 'not-to-exceed' amount. Any proposed expenditure above the requested amount will require a resubmission.</b></p> <p>c. List the source of project cost estimates.</p> <p>d. Provide a brief explanation in response to question regarding previous funding.</p>
3a. Project Title Propane Mower
3b. Project Cost Estimate \$11,177.60
3c. Source of Estimate quote from dealer + 15% overhead and contingency
3d. If previous funding from this source was awarded, explain how this request differs? additional propane mower

**4. Project Description**

(Completed in as much detail as possible.)

- a. The scope of the work to be accomplished is a detailed description of project activities.
- b. The benefit statement describes the advantages of the project as relates to the selected project category.
- c. The location of the project includes the name of the building, department, and/or specific location of where the project will be conducted on campus.
- d. List any departments you anticipate to be involved. Were any departments consulted in preparation of this request? Who? A listing may be attached to this form when submitted.
- e. Provide specific information on anticipated student involvement or benefit.
- f. Provide information for anticipated future operating and/or maintenance requirements occurring as a result of the proposed project.
- g. Provide any additional comments or information that may be pertinent to approval of the project funding request.

**4a. Scope: Work to be accomplished**

This project involves the purchase of 1 John Deere propane-operated mower to be used by Grounds Services personnel on campus.

**4b. Scope: Benefit Statement**

Propane is a more environmentally friendly alternative to gas. Propane burns cleaner, resulting in less harmful emissions from the vehicle. Given volatility in gasoline prices, propane is usually cheaper per gallon. Propane-operated mowers will require less maintenance due to the cleaner-burning nature of the fuel.

<b>4. Project Description (continued)</b>
4c. Location of Project (Building, etc.) Mower will be in possession of Grounds Services.
4d. Participants and Roles Facilities Dept. Grounds Services Center for Energy Efficiency
4e. Student participation and/or student benefit
4f. Future Operating and/or Maintenance Requirements Routine maintenance - oil changes, tires, cleaning, etc.. Propane purchase
4g. Additional Comments or Information Pertinent to the Proposed Project

### 5. Project Performance Information

Provide information if applicable.

- a. Provide information on estimated annual energy savings stated in units such as kW, kWh, Btu, gallons, etc.
- b. Provide information on estimated annual energy cost savings in monetary terms.
- c. Provide information on any annual operating or other cost savings in monetary terms. Be specific.
- d. Provide information about any matching or supplementary funding opportunities that are available. Identify all sources and explain.

5a. Estimated Annual Energy Savings (Estimated in kW, kWh, Btu, etc.)

5b. Annual Energy COST Savings (\$)

5c. Annual Operating or Other Cost Savings. Specify. (\$)

Given market conditions propane may be anywhere from \$.10 to \$1.00 less than gasoline per gallon

5d. Matching or Supplementary Funding (Identify and Explain)



**JOHN DEERE**

**ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):**

Deere & Company  
2000 John Deere Run  
Cary, NC 27513  
FED ID: 36-2382580; DUNS#: 60-7690989

**ALL PURCHASE ORDERS MUST BE SENT TO DELIVERING DEALER:**

TriGreen Equipment LLC  
464 Middle Tennessee Blvd  
Murfreesboro, TN 37129  
615-890-6258  
richardmiller@trigreenequipment.com

**Quote Summary**

**Prepared For:**

Middle Tenn State Univ Fndtion Mtsu Fndtion  
Developmental Off  
1301 E Main St  
Murfreesboro, TN 37132

**Delivering Dealer:**

TriGreen Equipment LLC  
Dale Wilson  
464 Middle Tennessee Blvd  
Murfreesboro, TN 37129  
Phone: 615-890-6258  
dalewilson@trigreenequipment.com

Quote ID: 14148267  
Created On: 05 October 2016  
Last Modified On: 05 October 2016  
Expiration Date: 07 November 2016

Equipment Summary	Suggested List	Selling Price	Qty	Extended
JOHN DEERE Z930M Commercial ZTrak Contract: TN Ground Maint Equip 45197 (PG 9Y) Price Effective Date: October 5, 2016	\$ 11,004.00	\$ 8,363.04 X	1 =	\$ 8,363.04
JOHN DEERE FX852cc Propane Conversion (ZTrak Z930M/R and Z950M/R models, except EFI models) Contract: TN Ground Maint Equip 45197 (PG 9Y) Price Effective Date: October 5, 2016	\$ 1,785.00	\$ 1,356.60 X	1 =	\$ 1,356.60
<b>Equipment Total</b>				<b>\$ 9,719.64</b>

\* Includes Fees and Non-contract items

**Quote Summary**

Equipment Total	\$ 9,719.64
Trade In	
SubTotal	\$ 9,719.64
Est. Service Agreement Tax	\$ 0.00
Total	\$ 9,719.64
Down Payment	(0.00)
Rental Applied	(0.00)

Salesperson : X \_\_\_\_\_

Accepted By : X \_\_\_\_\_



**JOHN DEERE**

# Selling Equipment

Quote Id: 14148267    Customer Name: MIDDLE TENN STATE UNIV FNDTION MTSU FNDTION

~~DEVELOPMENTAL OFF~~

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

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2000 John Deere Run  
Cary, NC 27513

FED ID: 36-2382580; DUNS#: 60-7690989

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464 Middle Tennessee Blvd  
Murfreesboro, TN 37129

615-890-6258

richardmiller@trigreenequipment.com

## JOHN DEERE Z930M Commercial ZTrak

Contract: TN Ground Maint Equip 45197 (PG 9Y)

Suggested List \*

Price Effective Date: October 5, 2016

\$ 11,004.00

Selling Price \*

\$ 8,363.04

\* Price per item - includes Fees and Non-contract items

Code	Description	Qty	List Price	Discount%	Discount Amount	Contract Price	Extended Contract Price
2163TC	Z930M Commercial ZTrak	1	\$ 10,529.00	24.00	\$ 2,526.96	\$ 8,002.04	\$ 8,002.04
<b>Standard Options - Per Unit</b>							
001A	United States/Canada	1	\$ 0.00	24.00	\$ 0.00	\$ 0.00	\$ 0.00
1036	24x12x12 Pneumatic Turf Tire for 54 In. and 60 In. Decks	1	\$ 0.00	24.00	\$ 0.00	\$ 0.00	\$ 0.00
1504	Side Discharge Mower Deck	1	\$ 0.00	24.00	\$ 0.00	\$ 0.00	\$ 0.00
2002	Fully Adjustable Suspension Seat with Armrests	1	\$ 475.00	24.00	\$ 114.00	\$ 361.00	\$ 361.00
<b>Standard Options Total</b>			<b>\$ 475.00</b>		<b>\$ 114.00</b>	<b>\$ 361.00</b>	<b>\$ 361.00</b>
<b>Value Added Services Total</b>			<b>\$ 0.00</b>			<b>\$ 0.00</b>	<b>\$ 0.00</b>
<b>Suggested Price</b>							<b>\$ 8,363.04</b>
<b>Total Selling Price</b>			<b>\$ 11,004.00</b>		<b>\$ 2,640.96</b>	<b>\$ 8,363.04</b>	<b>\$ 8,363.04</b>

## JOHN DEERE FX852cc Propane Conversion (ZTrak Z930M/R and Z950M/R)

Contract: TN Ground Maint Equip 45197 (PG 9Y)

Suggested List \*

Price Effective Date: October 5, 2016

\$ 1,785.00

Selling Price \*

\$ 1,356.60

\* Price per item - includes Fees and Non-contract items



JOHN DEERE

# Selling Equipment

Quote Id: 14148267    Customer Name: MIDDLE TENN STATE UNIV FNDTION MTSU FNDTION

DEVELOPMENTAL OFF

ALL PURCHASE ORDERS MUST BE MADE OUT TO (VENDOR):

Deere & Company  
2000 John Deere Run  
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464 Middle Tennessee Blvd  
Murfreesboro, TN 37129

615-890-6258  
richardmiller@trigreenequipment.com

Code	Description	Qty	List Price	Discount%	Discount Amount	Contract Price	Extended Contract Price
9971TC	FX852cc Propane Conversion (ZTrak Z930M/R and Z950M/R models, except EFI models)	1	\$ 1,321.00	24.00	\$ 317.04	\$ 1,003.96	\$ 1,003.96
<b>Standard Options - Per Unit</b>							
0202	United States (50 State)	1	\$ 0.00	24.00	\$ 0.00	\$ 0.00	\$ 0.00
3290	ZTrak Single Tank Mounting Kit	1	\$ 464.00	24.00	\$ 111.36	\$ 352.64	\$ 352.64
<b>Standard Options Total</b>			<b>\$ 464.00</b>		<b>\$ 111.36</b>	<b>\$ 352.64</b>	<b>\$ 352.64</b>
<b>Suggested Price</b>							<b>\$ 1,356.60</b>
<b>Total Selling Price</b>			<b>\$ 1,785.00</b>		<b>\$ 428.40</b>	<b>\$ 1,356.60</b>	<b>\$ 1,356.60</b>