

**MONMOUTH COUNTY PARK SYSTEM
805 NEWMAN SPRINGS ROAD
LINCROFT, NJ 07738
(732) 842-4000**

**FURNISHING AND DELIVERY OF GROUNDS AND
TURF EQUIPMENT**

BID NO: #0021-14

ADVERTISED: FRIDAY, JANUARY 17, 2014

BIDS DUE: THURSDAY, FEBRUARY 6, 2014 at 10:00 AM

INSPECTION DATE: WEDNESDAY, JANUARY 29, 2014

TO APPEAR IN PAPER: FRIDAY, JANUARY 17, 2014

NOTICE TO BIDDERS

Notice is hereby given that sealed bids will be received by the Monmouth County Board of Recreation Commissioners at the Monmouth County Park System HEADQUARTERS BUILDING, Thompson Park, 805 Newman Springs Road, Lincroft, New Jersey 07738, until **10:00 a.m.**, prevailing time on **THURSDAY, FEBRUARY 6, 2014** and then publicly read aloud for the following:

**1. FURNISHING AND DELIVERY OF GROUNDS AND TURF
EQUIPMENT (BID #0021-14)**

Bid Documents, including Instructions to Bidders, complete Plans and Specifications, and Proposal Forms may be obtained by qualified bidders on our website at www.monmouthcountyparks.com; **“Doing Business with Us;” “Request for Bids”** or at Monmouth County Park System, Headquarters, Thompson Park, 805 Newman Springs Road, Lincroft, New Jersey 07738 between the hours 8:00 a.m. and 4:30 p.m., Monday through Friday. If requested by potential bidders, the Monmouth County Park System will mail a bid packet to such bidders. The Monmouth County Park System only assumes the responsibility for email and /or fax notifications and for placing bid packet in the mail, and not for the proper and timely delivery of such notices or packets.

Bids must be submitted on the proposal form provided or an exact duplicate in the manner designated and required by the specifications. Bid submitted must be enclosed in sealed envelopes bearing the name and address of the bidder, the title of the bid, and the words “Sealed Bid.” Bids are to be addressed to the Purchasing Agent, Monmouth County Board of Recreation Commissioners, 805 Newman Springs Road, Lincroft, New Jersey 07738. Bids must be delivered at the place and before the hour mentioned above.

All bidders are required to comply with requirements of P.L. 1975, c.127, N.J.S.A. 10:5-31, et seq. (N.J.A.C. 17:27) (Affirmative Action), 42 U.S.C. 512101, et seq. (Americans with Disabilities Act), and N.J.S.A 40A:11-16 “Designated Subcontractors,” N.J.S.A. 52:32-44 (Business Registration) and N.J.S.A. 34:11-56.25, et seq. (Prevailing Wage), and all other laws and regulations that apply to bidding and the performance of the proposed contract.

The Monmouth County Board of Recreation Commissioners reserves the right to waive any informality in, or to reject any or all bids, and to award contracts in whole or in part, if deemed in the best interest of the Board to do so.

The Monmouth County Board of Recreation Commissioners shall reserve the right to hold bids for sixty (60) days prior to award of contracts.

All inquiries are to be directed to the Purchasing Department at (732) 842-4000.

By order of the Board of Recreation Commissioners of the County of Monmouth.

Edward J. Loud, Chairman
James J. Truncer, Secretary-Director
Stephanie Weise, Purchasing Agent

GENERAL CONDITIONS

1. All bidders must submit their proposals on the enclosed forms and must furnish all required information. FAILURE TO PROPERLY EXECUTE THESE FORMS MAY BE CAUSE FOR REJECTION OF THE BID.
2. The bid must be enclosed in two (2) sealed envelopes, one inside the other. The word "BID" must be written on both envelopes. The outside envelope must bear the title of the bid, the date of the bid opening, and the name and address of the bidder.
3. Included with this specification is a true copy of the contract that will be the formal contract to be executed by the successful bidder.
4. The quality of items to be furnished is as set forth in detail in the proposal
5. Any brand names mentioned in the specification shall be deemed to include the words "or approved equal", and bids submitted on other brands must include detailed information and specifications that may be used for the purpose of making comparisons.
6. All bidders must indicate any variation to the specifications, terms, and conditions, no matter how slight. If no variances are indicated, it will be defined to mean that the specification will be fully complied with.
7. Items of foreign origin must be so indicated. Your signature to the bid proposal will be taken as your certification that all manufactured articles and materials not so indicated, have been made or produced in the United States (40 A:11-18)
8. The bidder, if awarded a contract, agrees to protect, defend and save harmless the contracting unit against any damage for payment for the use of any patented material process, article or devise that may enter into the manufacture, construction or form a part of the work covered by either order or contract, and he further agrees to indemnify and save harmless the contracting unit from suits or actions of every nature and description brought against it, for, or on account of any injuries or damages received or sustained by an party or parties by, or from any of the acts of the contractor, his servants or agents.
9. The Monmouth County Board of Recreation Commissioners reserves the right to reject any or all bids and to waive any minor defect or informality in any bid, should it be in the best interest of the Board to do so.
10. The Board of Recreation Commissioners has up to sixty (60) days to make the award. If addition time is required beyond sixty (60) days, the contracting unit may request permission to do so from any one of the three apparent lowest responsible bidders for an additional period of time to be agreed to by the contracting unit and bidders.
11. In the event that the bidder to whom the contract is awarded should fail to enter into a contract, the Board of Recreation Commissioners may, at its option, accept the proposal of the next lowest bidder.
12. Should the contractor fail to fulfill the terms of the contract within the specified time, the Board of Recreation Commissioners reserves the right to rescind the contract and secure the items or services elsewhere. The contractor is responsible for any additional cost incurred as a result of this action.
13. All items are to be delivered F.O.B. destination specified. The maximum of days allowable for delivery is indicated in the specification and must be adhered to.
14. The County of Monmouth and the Board of Recreation Commissioners are exempt from all Federal, State, and Municipal sales and excise taxes. The New Jersey Sales Tax Exemption Number is 69-0220842.

15. Following delivery, an invoice and a signed Monmouth County payment voucher must be submitted to the Board of Recreation Commissioners. Payment will be made upon approval of the voucher by the Monmouth County Board of Recreation Commissioners and the Monmouth County Board of Chosen Freeholders

16. MANDATORY BUSINESS REGISTRATION CERTIFICATE

**NEW JERSEY BUSINESS REGISTRATION REQUIREMENTS
NON-CONSTRUCTION**

All New Jersey and out of state business organizations must obtain a Business Registration Certificate (BRC) from the Department of Treasury, Division of Revenue, prior to conducting business in the State of New Jersey. Proof of valid business registration with the Division of Revenue, Department of Treasury, State of New Jersey, must be submitted. No contract will be awarded without proof of business registration with the Division of Revenue. The contract will contain provisions in compliance with N.J.S.A. 52:32-44, as amended, outlined below.

The contractor shall provide written notice to its subcontractors and suppliers of the responsibility to submit proof of business registration to the contractor.

Before final payment of the contract is made by the contracting agency, the contractor shall submit an accurate list and proof of business registration of each subcontractor or supplier used in the fulfillment of the contract, or shall attest that no subcontractors were used.

For the term of the contract, the contractor and each of its affiliates and each subcontractor and each of its affiliates (N.J.S.A 52:32-44 (g) (3)) shall collect and remit to the Director, New Jersey Division of Taxation, the use tax due pursuant to the "Sales and Use Tax Act" (N.J.S.A. 54:32 B-1, et seq.) on all sales of tangible personal property delivered into this state.

A business organization that fails to provide a copy of a registration as required pursuant to section 1 of P.L. 2001, c.134 (N.J.S.A. 52:32-44 et seq.) or subsection e. or f. of section 92 of P.L. 1977, c.110 (N.J.S.A. 5:12-92), or that provides false business registration information under the requirements of either of those sections, shall be liable for a penalty of \$25.00 for each day of violation, not to exceed \$50,000.00 for each business registration copy not properly provided under a contract with a contracting agency.

Sample Business Registration Certificates are attached. Certain other forms, such as a Certificate of Authority to collect Sales and Use Taxes or a Certificate of Employee Information Report Approval, are **not** proof of business registration.

Any questions in this regard can be directed to the Division of Revenue at (609) 292-9292. Form NJ-REG can be filed online at: <http://www.state.nj.us/treasury/revenue/gettingregistered.shtml>

**THESE ARE SAMPLES OF THE ONLY ACCEPTABLE
N.J. BUSINESS REGISTRATION CERTIFICATES:**

	STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE
Taxpayer Name:	
Trade Name:	
Address:	
Certificate Number:	
Effective Date:	
Date of Issuance:	
For Office Use Only:	

OR

STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE		<small>DEPARTMENT OF TREASURY DIVISION OF REVENUE FD 504 202 TRENTON, N.J. 08646-0252</small>
TAXPAYER NAME:	TRADE NAME:	
ADDRESS:	SEQUENCE NUMBER:	
EFFECTIVE DATE:	ISSUANCE DATE:	
		 Acting Director New Jersey Division of Revenue
<small>FORM-BRC(05-01)</small>		<small>This Certificate is NOT assignable or transferable. It must be conspicuously displayed at above address.</small>

17. Any proposal not meeting the requirements set forth herein may be rejected.

ALL BIDS SUBMITTED SHALL INCLUDE THE ATTACHED "BIDDER'S CHECKLIST" ALONG WITH A SIGNED PROPOSAL AND ALL REQUIRED DOCUMENTS LISTED ON THE CHECKLIST

GENERAL SPECIFICATIONS

INTENT:

It is the intent of this specification to describe and govern the **FURNISHING AND DELIVERY OF GROUNDS AND TURF EQUIPMENT (BID #0021-14)** hereafter, referred to as the items.

SCOPE:

The bidder is to furnish and deliver any or all items as called for in the specifications as instructed by the Agency.

GENERAL:

The items shall be new and of the latest design. The items shall be furnished complete in every detail and ready for use when delivered to the Agency. Any item differing in minor details from these specifications may be considered, provided such differences are clearly noted and described in detail by the bidder and attached to the proposal and considered by the purchaser to be, in all essential respects in compliance with these specifications. If requested the bidder shall bring to the Agency, the items or a portion thereof, for a final inspection before the bid is awarded. The agency reserves the right to inspect manufacturing and warehouse facilities.

EQUAL/TIE BIDS:

In the event of equal or tie bids, the agency reserves the right to award, at its discretion, to any one of the equal or tie bidders.

PRICE DISCREPANCY:

If there is a discrepancy between the extended price and the unit price, the unit price shall prevail and the agency retains the right to recompute the extended price.

The agency also retains the right to check tie addition of all extended prices regardless of whether or not there is a discrepancy between the extended prices and the unit price. If the total sum of the extended price is incorrect, as a result of the bidders faulty arithmetic calculations, the agency will substitute the correct price and inform the vendor of the change.

GUARANTEE:

The bidder shall guarantee that the items and all its parts shall comply with this specification.

PRODUCT:

Only manufactured and farm products of the United States wherever available, shall be used in the performance of the specifications.

QUANTITY:

Quantities stated in the specifications are approximate quantities only, and the agency reserves the right to increase or decrease the quantities without increase or decrease in price.

PROPOSAL FORM:

Prices are to be quoted for each item to be bid upon by bidder. The Board of Recreation Commissioners reserves the right to accept or reject any or all items listed on the proposal and to award the contract in whole or in part as deemed in the best interest of the Board of Recreation Commissioners.

SAMPLE ONLY - PAGE #1

CONTRACT

This AGREEMENT, made and entered into this day of A. D. Two Thousand and - and between the MONMOUTH COUNTY BOARD OF RECREATION COMMISSIONERS, a body corporate and politic of the State of New Jersey, party of the first: part; AND

party of the second part.

WITNESSETH: That in consideration of the payments hereinafter specified and agreed to be made by the party of the first part, the party of the second part hereby covenants and agrees to furnish and deliver to the Monmouth County Board of Recreation Commissioners, in strict and entire conformity with the specifications hereto annexed, which are made a part of the Agreement as fully with the same effect as if the same had been set forth at length in the body of this Agreement.

The party of the second part agrees to make payment of all proper charges and labor and materials required in the aforementioned work, and indemnify and save harmless the party of the first part, its officers, agents and servants and each and every name and description, including royalty fees and claims for the use of patented materials or payments and from all damages to which the said party of the first part or any of its officers, agents and servants may be put by reason or injury to the person or property of others resulting from carelessness in the performance of said work, or through any improper or defective machinery, implements or appliances used by the said party of the second part in the aforesaid work, or through any act or omission on the part of the said party of the second part, or his agent or agents.

It is also agreed and understood that the acceptance of the final payment by the contractor shall be understood as a release in full of all claims against, out of, or by reason of the work done and materials furnished under this contract.

If proposals received for this contract include unit prices, the party of the first part reserves the right to increase or decrease any or all quantities in each item at the unit price bid.

IN CONSIDERATION OF the premises, the party of the first part agrees to pay the party of the second part for the said furnishing and delivery of

SAMPLE ONLY - PAGE #2

the same payable at the time and in the manner set forth in the specifications and proposal in connection with the same, which are a part of this contract, the same as though specifically set forth herein and attached hereto and made a part hereof is a true copy of the advertisement for bids.

IN WITNESS WHEREOF, the party of the first part has caused this instrument to be signed by the Chairman and attested by its Secretary, with it's corporate seal hereto affixed, on *this* day and year first above written. The party of the second part Is required to tactfully execute and carry out all requirements of the Affirmative Actions of P.L. 1975 c. 127.

MONMOUTH COUNTY BOARD OF
RECREATION COMMISSIONERS

BY: _____
Fred J. Rummel, Chairman

BY: _____

ATTEST:

ATTEST:

James J. Truncer
Secretary-Director

DATE: _____

DATE: _____

GENERAL SPECIFICATIONS FOR 2013 GROUNDS AND TURF EQUIPMENT

- METHOD OF AWARD:** Bidders may bid any or all of the items herein. Bids will be awarded on an item-by-item basis and will be awarded to the lowest net qualified bid for each item.
- WARRANTY GUIDELINES:** A minimum of one (1) year on all parts and labor, unless manufacturer's warranty is greater. Vendor is solely responsible for picking up and delivering item(s) in relation to warranty work being performed. This may include all travel time, freight, and any expenses incurred to perform necessary repair work.
- Equipment under warranty must be picked up, at the vendor's expense, within five (5) working days after initial notification and be returned within two (2) weeks (maximum). Failure to comply with warranty guidelines may result in future bids being rejected.
- MANUALS INCLUDED:** Parts, Service & Operator's Manuals or CD's for each unit.
- PRODUCTION YEAR:** All vendors are to supply equipment as specified of the most current production year. If any variances in production year are being bid as a variance to the specifications, they must be listed on the proposal page as a variance which is explained further below.
- VARIANCES:** It will be assumed that if no variances are taken on a specific item, the item bid meets the specification exactly (including options). It is the vendors' responsibility to write make and model in the space provided for all items bid. Also included in the bid packet should be all related literature, including cut sheets, for items in which variances are taken. Likewise, it is the sole responsibility of the vendor to highlight/document each and every variance from item being bid. Failure to follow guidelines as set forth will lead to a bid being rejected.
- TITLE/C.O.:** **Items #1 - 5** shall have Title/Certificate of Origin in the name of the **Monmouth County Board of Chosen Freeholders, One East Main Street - Hall of Records, Freehold, NJ 07728.** Title/Certificate of Origin shall be complete and

delivered within 2 weeks after receipt of the vehicle(s) to the Equipment Services Division of the Monmouth County Park System.

LICENSE PLATES:

Items #1-5 shall be registered as County Vehicle(s) in the State of New Jersey with appropriate license plates (County Government – CG Plates) and registration provided by the vendor within 2 weeks after receipt of the vehicle(s) to the Equipment Services Division of the Monmouth County Park System.

CONTACT:

Kevin Dunn, County Park Manager (732) 842-4000, Ext. #4226.

DELIVERY:

All items are to be delivered within a maximum of 45 days after receipt of the Purchase Order, unless noted otherwise. All items are to be delivered to:

Thompson Park – Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Phone: 732 –842-4000 Ext. #4282

***Call a minimum of 24 hours prior to delivery.**

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	STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE
Taxpayer Name:	
Trade Name:	
Address:	
Certificate Number:	
Effective Date:	
Date of Issuance:	
For Office Use Only:	

OR

STATE OF NEW JERSEY BUSINESS REGISTRATION CERTIFICATE		DEPARTMENT OF TREASURY DIVISION OF REVENUE PO BOX 352 TRENTON, N.J. 08646-0352
TAXPAYER NAME:	TRADE NAME:	
ADDRESS:	SEQUENCE NUMBER:	
EFFECTIVE DATE:	ISSUANCE DATE:	
 Acting Director New Jersey Division of Revenue		
FORM-BRC (09-01)	This Certificate is NOT assignable or transferrable. It must be conspicuously displayed at above address.	

ITEM# 1 - TRACTOR I – TURF (DIESEL)

ENGINE:

Make	FPT
Model	F5C engine, turbocharged diesel
Tier Rating	Tier 3
Number of Cylinders	4-Cylinder Diesel
Rated PTO	63 HP
Engine Horsepower	74 HP
Rated Speed	2300 RPM
Displacement	195 cu. in., (3.2 L)

ELECTRICAL:

Battery	730 cca, 12 volt system
Alternator	120 amps
Cold Start Aid	Grid heater
Power Outlets	4-pin power outlet 7 pin outlet for trailer, implements, signals, etc.

TRANSMISSION:

Type	Hydraulic shuttle
Maximum Speed	18.6 MPH (30 KPH)
# of Gears:	8 x 8, 8 forward, 8 reverse 8 x 8 hydraulic shuttle

FRONT AXLE:

Type:	Invented “U” section type standard
Tread spacing adjustment	2 WD 60.2 to 79.9 inches (1530-2030)

REAR AXLE:

Axle capacity	8,157 lbs. (3700 kg)
Differential Lock	
Engagement.....	Mechanical
Tread spacing adjustment	52.2 to 76.0 inches (1327 to 1930 mm)

HYDRAULICS:

Type	Open Center
Remote Valves	2, Total of 4 ports at rear of tractor

Implement Standard Flow Mechanical	12.5 gpm (47.5 (l/min))
Implement Standard Flow Power Shuttle	12.5 gpm (1/min)
Power Shuttle Steering Pump Flow	Power Shuttle 9.5 (36)
Total Pump Flow	Power Shuttle 19.8 (83.5)

3-POINT HITCH:

Category	II/I
Draft sending	Top Link
Std. ASAE Lift Capacity @24 in.....	3664 lbs. (1662 kg)
Link arms	Flexible
Stabilizers	Telescopic

PTO:

Rated HP	64 HP, engagement - mechanical
Standard Type	540 Fully independent
Spline	6 spline, 1-3/8" with flip-up PTO guard

CAPACITIES:

Fuel tank, U.S. gal (L)	23.8 gal (90L)
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DIMENSIONS:

Wheelbase (2WD)	83.3". (2,140 mm)
Width	75.7 (1,922)
Length	149.3 (3,792)
Height to top of cab	94.8 to 97.8 (2409 to 2484)
ROPS height (folded)	76 to 78.9 (1931 in., 2006 mm)
Platform type, cab/ROPS	Flat deck

TIRES:

Front tires - 11L-15, 8 ply, R-3
Rear tires – 16.9-24, 6 ply R-3 turf style

WEIGHT KIT:

Front weight carrier with (6) 88 lb. weights

OPTIONAL EQUIPMENT:

8" x 8" Power shuttle transmission
Second rear remote valve (lever controller) – Total of 4 remote ports at rear of tractor
Horizontal exhaust kit
Seat armrests
Standard draw bar for tires chosen

WARRANTY:

Two year limited warranty for parts, labor and transportation.

TITLE: The tractor shall be delivered with the Title/Certificate of Origin in the name of the Monmouth County Board of Chosen Freeholders, Hall of Records, One East Main Street, Freehold, NJ 07728

LICENSE PLATES:

The equipment shall be registered as a County Vehicle in the State of New Jersey with appropriate license plates (Government – CG Plates) and registration provided by vendor.

SPARE SERVICE PARTS:

Each tractor shall also include (1) additional of the following:
Oil filter, fuel filter(s), air filter(s) hydraulic filter and transmission filter

SUPPORT LITERATURE:

(1) Service Manual, (1) Parts Manual and (2) Owner/Operator Manuals

QUANTITY: One (1)

DELIVERY: **Tractor delivery** shall be made F.O.B. within 45-120 days maximum after receipt of the Purchase Order. **Tractor** is to be delivered to:
Thompson Park – Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn: Area #432
Phone: 732 –842-4000 Ext. #4282
***Call a minimum of 24 hours prior to delivery.**

NOTE: For vendor reference purposes only:
The unit specified shall be comparable to a New Holland T4.75 Powerstar Tractor

ITEM# 2 - TRACTOR II – TURF (DIESEL) W/ADDITIONALLY PRICED OPTIONS

ENGINE:

Make	FPT
Model	F5C engine, turbocharged diesel
Tier Rating	Tier 3
Number of Cylinders	4-Cylinder Diesel
Rated PTO	63 HP
Engine Horsepower	74 HP
Rated Speed	2300 RPM
Displacement	195 cu. in., (3.2 L)

ELECTRICAL:

Battery	730 cca, 12 volt system
Alternator	120 amps
Cold Start Aid	Grid heater
Power Outlets	4-pin power outlet 7 pin outlet for trailer, implements, signals, etc.

TRANSMISSION:

Type	Hydraulic shuttle
Maximum Speed	18.6 MPH (30 KPH)
# of Gears:	8 x 8, 8 forward, 8 reverse 8 x 8 hydraulic shuttle

FRONT AXLE:

Type:	Invented “U” section type standard
Tread spacing adjustment	2 WD 60.2 to 79.9 inches (1530-2030)

REAR AXLE:

Axle capacity	8,157 lbs. (3700 kg)
Differential Lock	
Engagement.....	Mechanical
Tread spacing adjustment	52.2 to 76.0 inches (1327 to 1930 mm)

HYDRAULICS:

Type	Open Center
Remote Valves	2, Total of 4 ports at rear of tractor
Implement Standard Flow Mechanical	12.5 gpm (47.5 l/min)
Implement Standard Flow Power Shuttle	
Power Shuttle	12.5 gpm (1/min)
Steering Pump Flow	Power Shuttle 9.5 (36)
Total Pump Flow	Power Shuttle 19.8 (83.5)

3-POINT HITCH:

Category	II/I
Draft sending	Top Link
Std. ASAE Lift Capacity @24 in.....	3664 lbs. (1662 kg)
Link arms	Flexible
Stabilizers	Telescopic

PTO:

Rated HP	64 HP, engagement - mechanical
Standard Type	540 Fully independent
Spline	6 spline, 1-3/8" with flip-up PTO guard

CAPACITIES:

Fuel tank, U.S. gal (L)	23.8 gal (90L)
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DIMENSIONS:

Wheelbase (2WD)	83.3". (2,140 mm)
Width	75.7 (1,922)
Length	149.3 (3,792)
Height to top of cab	94.8 to 97.8 (2409 to 2484)
ROPS height (folded)	76 to 78.9 (1931 in., 2006 mm)
Platform type, cab/ROPS	Flat deck

TIRES:

Front tires - 11L-15, 8 ply, R-3
Rear tires – 16.9-24, 6 ply R-3 turf style

WEIGHT KIT:

Front weight carrier with (6) 88 lb. weights

OPTIONAL EQUIPMENT:

8" x 8" Power shuttle transmission
Second rear remote valve (lever controller) – Total of 4 remote ports at rear of tractor
Horizontal exhaust kit
Seat armrests
Standard draw bar for tires chosen

The following additional options listed may or may not be considered for award as specified. The Monmouth County Park System has the right to award item(s) as deemed to be in the best interest of the agency.

1. Additional Option of (1) compatible hydraulic upper link arm, in addition to standard manually adjustable turn-buckle type
2. Additional Option of (1) compatible hydraulic lift arm, in addition to standard manually adjustable leveling assembly.

WARRANTY:

Two year limited warranty for parts, labor and transportation.

TITLE: The tractor shall be delivered with the Title/Certificate of Origin in the name of the Monmouth County Board of Chosen Freeholders, Hall of Records, One East Main Street, Freehold, NJ 07728

LICENSE PLATES:

The equipment shall be registered as a County Vehicle in the State of New Jersey with appropriate license plates (Government – CG Plates) and registration provided by vendor.

SPARE SERVICE PARTS:

Each tractor shall also include (1) additional of the following:
Oil filter, fuel filter(s), air filter(s) hydraulic filter and transmission filter

SUPPORT LITERATURE:

(1) Service Manual, (1) Parts Manual and (2) Owner/Operator Manuals.

QUANTITY: One (1)

DELIVERY: **Tractor delivery** shall be made F.O.B. within 45-120 days maximum after receipt of the Purchase Order. **Tractor** is to be delivered to:

Thompson Park – Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn: Areas #432
Phone: 732 –842-4000 Ext. #4282
***Call a minimum of 24 hours prior to delivery.**

NOTE: For vendor reference purposes only:
The unit specified shall be comparable to a New Holland T4.75
Powerstar Tractor

ITEM #3 - TRACTOR III – TURF (DIESEL) WITH OPTIONAL TRADE-IN

ENGINE:

Make	FPT
Model	F5C engine, turbocharged diesel
Tier Rating	Tier 3
Number of Cylinders	4-Cylinder Diesel
Rated PTO	63 HP
Engine Horsepower	74 HP
Rated Speed	2300 RPM
Displacement	195 cu. in., (3.2 L)

ELECTRICAL:

Battery	730 cca, 12 volt system
Alternator	120 amps
Cold Start Aid	Grid heater
Power Outlets	4-pin power outlet 7 pin outlet for trailer, implements, signals, etc.

TRANSMISSION:

Type	Hydraulic shuttle
Maximum Speed	18.6 MPH (30 KPH)
# of Gears:	8 x 8, 8 forward, 8 reverse 8 x 8 hydraulic shuttle

FRONT AXLE:

Type:	Invented “U” section type standard
Tread spacing adjustment	2 WD 60.2 to 79.9 inches (1530-2030)

REAR AXLE:

Axle capacity	8,157 lbs. (3700 kg)
Differential Lock	
Engagement.....	Mechanical
Tread spacing adjustment	52.2 to 76.0 inches (1327 to 1930 mm)

HYDRAULICS:

Type	Open Center
Remote Valves	2, Total of 4 ports at rear of tractor

Implement Standard Flow Mechanical	12.5 gpm (47.5 (l/min))
Implement Standard Flow Power Shuttle	12.5 gpm (1/min)
Power Shuttle Steering Pump Flow	Power Shuttle 9.5 (36)
Total Pump Flow	Power Shuttle 19.8 (83.5)

3-POINT HITCH:

Category	II/I
Draft sending	Top Link
Std. ASAE Lift Capacity @24 in.....	3664 lbs. (1662 kg)
Link arms	Flexible
Stabilizers	Telescopic

PTO:

Rated HP	64 HP, engagement - mechanical
Standard Type	540 Fully independent
Spline	6 spline, 1-3/8" with flip-up PTO guard

CAPACITIES:

Fuel tank, U.S. gal (L)	23.8 gal (90L)
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DIMENSIONS:

Wheelbase (2WD)	83.3". (2,140 mm)
Width	75.7 (1,922)
Length	149.3 (3,792)
Height to top of cab	94.8 to 97.8 (2409 to 2484)
ROPS height (folded)	76 to 78.9 (1931 in., 2006 mm)
Platform type, cab/ROPS	Flat deck

TIRES:

Galaxy – “Turf Special”
Turf Tires Front – 25/10.50 LL x 15, 6-ply
Rear – 22.5 LL x 16.1, 6-ply

WEIGHT KIT:

Front weight carrier with (6) 88 lb. weights

OPTIONAL EQUIPMENT:

8" x 8" Power shuttle transmission

Second rear remote valve (lever controller) – Total of 4 remote ports at rear of tractor
Horizontal exhaust kit
Seat armrests
Offset draw bar for opted Galaxy Turf Tires

TRADE-IN: The Monmouth County Park System has a tractor for an optional trade-in as follows:

Model/Year: 1993 New Holland 3930 Turf Tractor
Vin # BD49651
Property Tag: PT#7084
Hours: Approx (as of 10/25/13)

TRADE-IN REVIEW DATE –

This tractor may be inspected on Wednesday, January 29, 2014 during the regular business hours of 8:00 am – 2:30 pm at the Monmouth County Park System, Thompson Park, Equipment Services Division, 805 Newman Springs Rd., Lincroft, NJ 07738.

The Monmouth County Park System will not be responsible for the condition of this tractor (as reviewed for trade-in past the indicated 45 -120 day delivery date.)

The Monmouth County Park System reserves the right to reject the trade-in allowance and purchase the tractor at the bid price provided, if deemed to be in the best interest of the agency.

Vendor to call 48 hours prior to making delivery to be sure vendor can pickup the trade-in tractor available for pickup.

WARRANTY:

Two year limited warranty for parts, labor and transportation.

TITLE: The tractor shall be delivered with the Title/Certificate of Origin in the name of the Monmouth County Board of Chosen Freeholders, Hall of Records, One East Main Street, Freehold, NJ 07728

LICENSE PLATES:

The equipment shall be registered as a County Vehicle in the State of New Jersey with appropriate license plates (Government – CG Plates) and registration provided by vendor.

SPARE SERVICE PARTS:

Each tractor shall also include (1) additional of the following:
Oil filter, fuel filter(s), air filter(s) hydraulic filter and transmission filter

SUPPORT LITERATURE:

(1) Service Manual, (1) Parts Manual and (2) Owner/Operator Manuals.

QUANTITY: One (1)

The Monmouth County Park System reserves the right to reject the trade-in allowance and purchase the tractor at bid price provided if deemed to be in the best interest of the agency.

DELIVERY: **Tractor delivery** shall be made F.O.B. within 45-120 days maximum after receipt of the Purchase Order. **Tractor** is to be delivered to:

Thompson Park – Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn: Areas #427
Phone: 732 –842-4000 Ext. #4282
***Call a minimum of 24 hours prior to delivery.**

NOTE: For vendor reference purposes only:
**The unit specified shall be comparable to a New Holland T4.75
Powerstar Tractor**

ITEM #4 - TRAILER I – (SINGLE AXLE LANDSCAPE)

GENERAL:	Unit must be able to accommodate a currently owned Toro Groundsmaster 345/328/3280-D/3320 and 7210 Zero Turn.
DESCRIPTION:	An all steel, Beaver Tail Trailer with low profile, overall length is 17' 5".
CAPACITY:	3,500 lbs. GVW minimum
CONSTRUCTION:	A unitized design using 2" x 4" 7 gauge rectangular tubing or 2" x 4" channel frame completely welded throughout for maximum strength. Deck is 11 gauge diamond plate steel .
BED SIZE:	Overall Bed Length 13' 3" with a Beaver Tail length 38", Width 80"
TIRE STOP:	A 4" x4" x ¼" angle iron tire stop shall be welded on top of the bed 10" back from the front of the bed. Tire stop should be full width of bed.
TAILGATE:	Length 48" – Width 78" –Seven (7) sections built with 2" channel. ¾" expanded metal wire mesh, 2 springs for lift assist.
TIE DOWNS:	7 "D" Rings that flip over 180 ° to be installed welded to trailer deck. The left and right sides of the trailer bed shall have 3 "D" rings located 6" from front of trailer and 6" from rear of trailer, with the third "D" ring spaced evenly between the front and rear "D" rings. The remaining "D" ring gets installed in the center of the bed located at the front edge by the stone guard lashing rings or "D" rings, to be Napa 770-7606 or equivalent. Also it will have 6 stake holes to accommodate a wooden 2x4 installed evenly on the sides of the trailer.
RUNNING GEAR:	One heavy-duty 3,500 lb. tubular type axle. Each spring will be heavy duty 2,200 pounds minimum capacity. Each spring must have at least four (4) leafs, six (6) max.
BRAKES:	Electric brakes on all wheels with breakaway switch and battery installed.

- TIRES:** Goodyear Marathon Tires ST205/75R15, 6 ply (minimum)
Quantity (3) including spare.
- TIRE RACK/SPARE:** Spare tire and wheel are to be the same brand and size.
Spare tire shall be mounted to the right side of the trailer in front of fender.
- TONGUE:** The tongue shall be an “A” frame style, 7 gauge, 2” x 4” rectangular tubing or 2” x 4” channel frame that has a 2” ball “A” frame trailer coupler welded to tongue. Coupler must be able to accommodate a 5,000 lb, 3-bolt trailer jack. Also tongue will have two 5/16” x 40” long safety cables with clip on safety hooks. Safety cables, 5,000 lbs, pull strength shall be Master Lock 2829 DAT or equivalent.
- TOOLBOX:** The toolbox shall have one drain hole drilled in each corner of the box for drainage. It shall be an all steel “A” frame built box constructed within the trailer A-frame. The toolbox lid shall be attached with a stainless steel hinge. Toolbox shall have a lid with a hasp for locking and a handle for opening. Tool box shall be large enough to hold several 20’ long chains and binders.
- JACK:** The trailer jack shall be a Bulldog 3,500 lb., 3-bolt jack with foot.
- SHIELDS:** The stone shields shall be 1/8” x 6” flat steel across the front and on the top edge of the trailer bed. The stone edge shall be from the front of the fender to the front of the trailer bed - FLAT STEEL ONLY around the front of the trailer from fender to fender.
- WINCH:** 1,200 pound capacity – 4.1:1 gear ratio. 8” handle two-way ratchet type with positive off position Fulton #T1801 or equivalent. To come with a 30 feet winch strap with safety hook. A winch cable will not be accepted.
- LIGHTS:** General – to include all lights required by the NJDOT including battery breakaway
Type – all lights to be LED style
Rear Lights – mounted in steel box enclosures on the rear of the fenders.
Wiring – Truck Light Seal System Type, 7-way RV Style trailer plug to include circuit for breakaway battery charge. All electrical connections shall be soldered. The use of scotch locks will not be accepted.

COLOR: White

TITLE: The equipment shall be delivered with the Title/Certificate of Origin in the name of the Monmouth County Board of Chosen Freeholders, Hall of Records, One East Main Street, Freehold, New Jersey 07728.

LICENSE PLATES: The equipment shall be registered as a County Vehicle in the State of New Jersey with appropriate license plates (County Government – CG Plates) and registration provided by the vendor.

REGISTRATION HOLDER: Napa (Trucklite) Part #97960-3 Registration Holder mounted to the front stone shield on the left side of the trailer.

MANUAL: Parts and Service

QUANTITY: One (1)

DELIVERY: Thompson Park – Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
ATTN: Area - #409

**NOTE: For reference purposes only:
The unit specified shall be comparable to a Stephan Green Groundsmaster Trailer.**

ITEM # 5 - TRAILER II (DUAL AXLE LANDSCAPE)

- GENERAL:** Unit must be able to accommodate a currently owned Toro Groundsmaster 345/328/3280-D/3320 and 7210 Zero Turn.
- DESCRIPTION:** An all steel, Beaver Tail Trailer with low profile and an overall length of 22' 10" with dual axles.
- CAPACITY:** 7,000lb. GVW Minimum
- CONSTRUCTION:** A unitized design using 2" x 4" 7 gauge rectangular tubing or 2" x 4" channel frame completely welded throughout for maximum strength. Crossmember framing, 3" channel spaced 24" minimum. Deck to be 11 gauge diamond plate steel.
- TONGUE:** The tongue shall be an "A" frame design with a front trailer nose plate with a height adjustable (bolt on) pintle eye. "A" frame must be able to accommodate a 10,000 lb. trailer jack. Tongue shall also include two (2) heavy-duty safety cables with hooks. Safety cables shall be a minimum rating of 5,000 lbs. each and be 40" long.
- TOOL BOX:** A tool box shall be constructed within the back of the A frame tongue. Drain holes are to be drilled in the bottom 4 corners for drainage. The toolbox shall have a lid attached with a stainless steel hinge and hasp for locking and a handle for opening. This tool box shall be large enough to hold several ratchet binders, chains and ratchet straps.
- JACK:** A trailer jack shall be mounted to the "A" frame tongue. This jack shall have a minimum rating of 10,000 lbs.
- WINCH:** A 1,200 lb. minimum capacity trailer winch shall be mounted on a pedestal in front of the tool box. The winch shall be a Fulton T180 1 or equivalent and come with a 30 foot long winch strap with hook. A winch cable will not be accepted.
- DECK:** 11 Gauge Diamond Plate Steel
Width – 80"
Total Overall Length – 18 feet
Beaver Tail Length – 4 feet
Flat Deck Length (without Beaver Tail) – 14 feet.
A 4" x 4" x 1/4" Angle Iron Wheel Stop is to be welded to the deck. 10" back from the front of the bed. This wheel stop is to be the full width of the bed.

FENDERS: The dual tire fenders are to be constructed out of 1/8" Diamond Plate Steel. The rear of the fenders are to be designed to incorporate the LED tail lights.

STONE SHIELD: A stone shield shall be constructed around the front of the trailer. This shield shall be 1/8" x 10" diamond plate steel and run from the front of the fenders around the front of the trailer.

TAILGATE RAMP: Length - 48"
Width - 80"
Constructed out of 2" square tubing or 2" channel.
Heavy-duty to support any and all equipment to be loaded.
Tailgate ramp to have spring assists to help raise the ramp and two bars to hold ramp in transport position.

TIE DOWNS: There shall be a total of eleven tie downs welded to the deck. These lashing rings or "D" rings shall be NAPA 770-7606 or equivalent. Five each side (two on beaver tail) and one front center in front of wheel stop. Trailer shall also have 6 stake pockets (3 each side) welded to the front half of the trailer.

RUNNING GEAR: Two axles with a total GVW of 7,000 lbs. Each wheel to have electric brakes. Heavy duty springs with at least four leafs and no more than six. There shall be a total of five tires and wheels. The one spare tire shall be mounted on the right side in front of the fender. Tires shall be trailer style (Good Year Marathon Radial or Equivalent).

ELECTRICAL: To include all lights required by NJDOT, including breakaway battery and switch. All lights to be LED. Rear stop/turn/tail light to be mounted to the rear of the fenders. Wiring to be truck light sealed system type. The light plug shall be a 7-way RV style and wired for trailer brakes and battery charge (for breakaway battery). All connections shall be soldered. The use of scotch locks **will not** be accepted

REGISTRATION HOLDER: A Napa (Truck-Lite) #97960-3 Registration Holder is to be mounted to the front of the stone shield on the left side.

OPTIONS: A 3-position channel style lockable trimmer rack shall be mounted on the left side of the trailer in front of the fender. This trimmer rack shall be a Buyer's LT13 or approved equal.

Two backpack blower racks shall be mounted to the top of the left side fender. These racks are to hold two park system owned Stihl BR-350 back pack blowers.

COLOR: Trailer to be painted white.

QUANTITY: One (1)

MANUAL(S): Parts and Service

WARRANTY: One (1) year or greater

TITLE: The trailer shall be delivered with the Title/Certificate of Origin in the name of the Monmouth County Board of Chosen Freeholders, Hall of Records, One East Main Street, Freehold, NJ 07728

LICENSE PLATES: The equipment shall be registered as a County Vehicle in the State of New Jersey with appropriate license plates (Government – CG Plates) and registration provided by vendor

DELIVERY: Thompson Park - Equipment Service Division
805 Newman Springs Road,
Lincroft, NJ, 07738
ATTN: Area #417

NOTE: **For vendor reference purposes only:
The unit specified shall be comparable to be comparable to a
Stephan Green Landscape Trailer**

ITEM #6 - LOG SPLITTER I

FRAME:	6" x 6" Steel tube
LOG CAPACITY:	30" x 36" Diameter
TONNAGE:	20 Tons splitting force
PRODUCTION VOLUME:	50 Cord per year +
CYCLE SPEED:	9-11 Seconds
POWER SOURCE:	Honda GX 160 series
PUMP	11 GPM Low Pressure 2.7 GPM High Pressure
RESERVOIR	12.5 L
STROKE LENGTH:	24"
OVERALL WIDTH:	40"
OVERALL LENGTH:	84"
OVERALL HEIGHT:	34"
WEIGHT:	440 lbs.
BED HEIGHT:	24"
KNIFE HEIGHT: (+/- 1/4")	8"
CYLINDER SIZE:	3.5" X 24"
TIRE SIZE:	4.80" X 8"
STANDARD HITCH SIZE:	2" Ball coupler
HIGHWAY TOWABLE:	Unit to come with Highway Towable Option, which includes 2" ball hitch, safety chains and larger high speed tires.

SWIVEL JACK:

Unit to come with 800 lb. swivel jack with 6" wheel

STANDARD
FEATURES:

Heavy-Duty Square Tube Construction – not allowing twisting

Safety –

- Provides less area in which to catch fingers
- Is equipped with a unique “Stop” design which allows wood to move laterally preventing wood “Fly-outs” at high speed
- Narrow profile on front of the log “Stop” which allows the butt of the block, as it is being split to “bend” around the “Stop” instead of conflicting with the splitting action.

2-Way Log Splitter – features the hallmark 2-way splitting action on both the forward and reverse stroke, doubling productivity. This design allows operators to split wood both ways which is an appealing feature for a fast and simple way to get log piles split

Low Friction Slider System – Low friction slider pads made from ultra-high molecular-weight polyethylene (UHMW) which is self-lubricated and highly resistant to abrasion in some forms being 20 times more resistant to abrasion than carbon steel. They are applied long and wide on all four sides, running down the entire length of the bearing area preventing binding friction.

Hydraulic Cylinder: The cylinders inside are fully protected inside the main frame of the splitter. In this position it can push straight and pull straight inline with the slider at all times which reduced loss of power due to friction

Hydraulic Reservoir – the reservoir is setup in such a way that the nose hitch of the splitter can be put on the ground to split wood. Although there is an angle to the machine, it does not impede the hydraulic flow - so it can still split wood without any problems. Some find this useful to roll large blocks onto the splitter for pre-splitting into smaller pieces

Design – Soft parts such as hoses, filter, and engine are well out of the way of blocks of wood being split. Seldom does wood ever get past the stop and by the time if ever it does, the wood is falling in two pieces to the ground. Moving the soft parts back also prevents damage from dropped logs when handling them.

Maintenance – All parts on splitter are built with as many standard parts as possible. Wear pads are from standard plastic and hydraulic cylinder seals are the standard o-rings found in many cylinders. If the knife gets damaged, can be welded and sanded back to original.

SPARE PARTS: Unit to come with one (1) each of all filters on machine.
Hydro, Fuel, Air, Oil, etc.

MANUALS (2) Owners and (1) ea. Service, and Parts Manuals

QUANTITY One (1)

DELIVERY TO Thompson Park Equipment Services Division
805 Newman Springs Rd.
Lincroft, NJ 07738
ATTN: Area #407

NOTE: **For vendor reference purposes only: The unit specified shall be comparable to a Split Fire Model 3255 Self-Contained Way Log Splitter.**

ITEM #7 - LOG SPLITTER II –WITH LOG LIFTER (OPTIONAL)

FRAME:	6" x 6" Steel tube
LOG CAPACITY:	30" x 36" Diameter
TONNAGE:	20 Tons splitting force
PRODUCTION VOLUME:	50 Cord per year +
CYCLE SPEED:	9-11 Seconds
POWER SOURCE:	Honda GX 160 series
PUMP	11 GPM Low Pressure 2.7 GPM High Pressure
RESERVOIR	12.5 L
STROKE LENGTH:	24"
OVERALL WIDTH:	40"
OVERALL LENGTH:	84"
OVERALL HEIGHT:	34"
WEIGHT:	440 lbs.
BED HEIGHT:	24"
KNIFE HEIGHT: (+/- 1/4")	8"
CYLINDER SIZE:	3.5" X 24"
TIRE SIZE:	4.80" X 8"
STANDARD HITCH SIZE:	2" Ball coupler
HIGHWAY TOWABLE:	Unit to come with Highway Towable Option, which includes 2" ball hitch, safety chains and larger high speed tires.

SWIVEL JACK:

Unit to come with 800 lb. swivel jack with 6" wheel

STANDARD
FEATURES:

Heavy-Duty Square Tube Construction – not allowing twisting

Safety –

- Provides less area in which to catch fingers
- Is equipped with a unique “Stop” design which allows wood to move laterally preventing wood “Fly-outs” at high speed
- Narrow profile on front of the log “Stop” which allows the butt of the block, as it is being split to “bend” around the “Stop” instead of conflicting with the splitting action.

2-Way Log Splitter – features the hallmark 2-way splitting action on both the forward and reverse stroke, doubling productivity. This design allows operators to split wood both ways which is an appealing feature for a fast and simple way to get log piles split

Low Friction Slider System – Low friction slider pads made from ultra-high molecular-weight polyethylene (UHMW) which is self-lubricated and highly resistant to abrasion in some forms being 20 times more resistant to abrasion than carbon steel. They are applied long and wide on all four sides, running down the entire length of the bearing area preventing binding friction.

Hydraulic Cylinder: The cylinders inside are fully protected inside the main frame of the splitter. In this position it can push straight and pull straight inline with the slider at all times which reduced loss of power due to friction

Hydraulic Reservoir – the reservoir is setup in such a way that the nose hitch of the splitter can be put on the ground to split wood. Although there is an angle to the machine, it does not impede the hydraulic flow - so it can still split wood without any problems. Some find this useful to roll large blocks onto the splitter for pre-splitting into smaller pieces

Design – Soft parts such as hoses, filter, and engine are well out of the way of blocks of wood being split. Seldom does wood ever get past the stop and by the time if ever it does, the wood is falling in two pieces to the ground. Moving the soft parts back also prevents damage from dropped logs when handling them.

Maintenance – All parts on splitter are built with as many standard parts as possible. Wear pads are from standard plastic and hydraulic cylinder seals are the standard o-rings found in many cylinders. If the knife gets damaged, can be welded and sanded back to original.

OPTIONAL EQUIPMENT

LOG LIFTER:

The following log lifter shall be included with this unit that will prove useful for lifting heavier logs, but can also be used as a table in the upright position where the operator can stack a pile of smaller logs and roll them on to the end on after the other. It will come with hydraulic cylinder, hoses, lifter and assembly. (weight 90 lbs.), quick attached ends. Made from 31/16th plate steel 31” x 24”. Lifting capacity varies from 500 – 700 lbs. depending on splitter model.

SPARE PARTS:

Unit to come with one (1) each of all filters on machine. Hydro, Fuel, Air, Oil, etc.

MANUALS

(2) Owners and (1) ea. Service, and Parts Manuals

QUANTITY

One (1)

DELIVERY TO

Thompson Park Equipment Services Division
805 Newman Springs Rd.
Lincroft, NJ 07738
ATTN: Area #407

NOTE:

For vendor reference purposes only: The unit specified shall be comparable to a Split Fire Model 3255 Self-Contained Way Log Splitter with Log Lifter.

ITEM #8 - UTILITY VEHICLE I - (GAS)

Power Source:	Gas
Engine:	Kawasaki 4 Cycle, OHV, 351 cc single-cylinder, air cooled, pressure lubrication and spin-on filter
Horsepower:	11.5 hp @ 3600 rpm, exceeds SAE J1940 Performance Standards
Ignition:	Electronic with electronic limiter
Governor:	Automatic ground speed sensing, internally geared-in unitized transaxle @ 2,900 +/- 30 rpm
Drive Unit:	Unitized transaxle, helical gears: 11.8:1 forward, 17.1:1 reverse
Electrical System:	12 volt, 500 CCA 105 min reserve
Steering:	Rack and Pinion with tilt steering wheel
Front Suspension:	Independent leaf spring with dual hydraulic shocks
Brakes:	4 Wheel, mechanical disc
Parking Brake:	Foot-operated, multi-lock
Frame Chassis:	Aluminum I-beam
Front Body:	ArmorFlex
Rear Body:	All Aluminum
Light Package:	Yes
Trailer Hitch:	Standard
Front Tires:	22 x 11 – 10, 6ply, heavy – duty, Turf Tread
Rear Tires:	22 x 11 – 10, 6ply, heavy – duty, Turf Tread
Instrumentation:	Electronic fuel gauge/hour meter, low oil warning light

Cargo Bed Size: (with electric dump)	48.8 in. x 49.8 in. x 10.9 in (123.8 cm x 126.4 cm x 27.6 cm)
Bed Height:	29.8 in. (75.6 cm)
Bed Capacity:	500 lbs. (226.8 kg)
Total Vehicle Capacity:	900 lbs. (408.2kg)
Seating Capacity:	2
Overall Length:	120.4 in. (305.8 cm)
Overall Width:	51.3 in. (130.2cm)
Overall Height:	51.1in. (129.8cm)
Wheel Base:	78.5 in. (199.4cm)
Ground Clearance:	6.4 in. (16.3cm)
Fuel Capacity:	5.1 Gallons (19.2l)
Stabilizer Bar:	Yes
Tread:	36.5 in./ 41.3 in
Dry Weight:	910 lbs. (412.8kg)
Turning Radius:	10.8 ft. (3.3 m)
Max Speed:	25 mph (40.2 kph)
Keys	Unit to come with four (4) keys
Spare Parts	Where spare filters are available, one (1) additional set will be provided with unit. (Inner air, outer air, primary fuel, secondary fuel, transmission, engine oil and hydraulic, if applicable to specified unit).
Vehicle Warranty:	2 year limited
Manuals:	(2) Operator, (1) each Parts & Service
Quantity:	(1)

Delivery: Thompson Park - Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn. Area - #410

Note: **For Reference Purposes Only:**
This unit shall be comparable to a
Club Car Carryall 252 (Gas)

ITEM # 9 - UTILITY VEHICLE II - (GAS)

Power Source:	Gas
Engine:	Kawasaki 4 Cycle, OHV, 675 cc twin-cylinder industrial grade, air cooled, 39.8 ft-lb torque, with full-pressure lubrication and spin-on filter
Horsepower:	23 hp
Ignition:	Transistorized magneto
4WD Engagement:	Automatic – IntelliTrac
Front Differential:	Automatic – IntelliTrac
Rear Differential:	Auto- locking - IntelliTrac
Torque Converter:	CVT
Electrical System:	12 volt, 500 CCA
Steering:	Rack and Pinion with tilt steering wheel
Front Suspension:	Independent double A-arms with coil over shocks
Rear Suspension:	Swing arm with coil-over shocks
Brakes:	4 Wheel, hydraulic disc
Parking Brake:	Automotive style
Frame Chassis:	Tubular Aluminum
Front Body:	GE Geloy high-impact, scratch-resistant, injection molded color
Rear Body:	All Aluminum
Light Package:	Yes
Trailer Hitch:	Standard
Front Tires:	25 x 10.5 – 10.5 - 12, 4ply, heavy – duty, All Terrain

Rear Tires:	25 x 10.5 – 10.5 - 12, 4ply, heavy – duty, All Terrain
Instrumentation:	Electronic fuel gauge/hour meter, low oil warning light
Cargo Bed Size: (with electric dump)	48.8 in. x 49.8 in. x 10.9 in. (15.3 cubic feet) 123.8 cm x 126.4 cm x 27.6 cm
Bed Height:	33 in. (83.8 cm)
Bed Capacity:	800 lbs. (363.2 kg)
Total Vehicle Capacity:	1,200 lbs. (544.3kg)
Seating Capacity:	2, bench
Overall Length:	124.6 in. (316.5 cm)
Overall Width:	60 in. (152.4cm)
Overall Height:	78.6 in. (199.6cm)
Wheel Base:	88.7 in. (225.3cm)
Ground Clearance:	7.4 in. (18.8cm)
Fuel Capacity:	6.5 Gallons (24.6l)
Tread:	48.8in. (124cm)
Dry Weight:	1430 lbs. (648.6kg)
Turning Radius:	13 ft. (3.8 m)
Max Speed:	25 mph (40.2 kph)
Options:	Basic top and Split wind shield
Keys	Unit to come with four (4) keys
Spare Parts	Where spare filters are available, one (1) additional set will be provided with unit. (Inner air, outer air, primary fuel, secondary fuel, transmission, engine oil and hydraulic, if applicable to specified unit).

Vehicle Warranty: 2 year limited

Manuals: (2) Operator, (1) each Parts & Service

Quantity: (1)

Delivery: Thompson Park - Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn. Area - #410

Note: **For Reference Purposes Only:**
This unit shall be comparable to a
Club Car Carryall 295 (Gas)

ITEM # 10 - UTILITY VEHICLE III - (GAS)

Power Source:	Gas
Engine:	Kawasaki 4 Cycle, OHV, 351 cc single cylinder, air cooled, pressure lubricated, spin oil filter,
Horsepower:	11.5 hp@ 3600 rpm, exceeds SAE J194 Performance Standards
Governed RPM:	3170 +/- 30
Ignition:	Electronic with electronic limiter
Drive unit:	Unitized transaxle, helical gears; 11.8:1 forward, 17.1:1 reverse
Electrical System:	12 volt, 500 CCA, 105 minute reserve
Key or Pedal Start:	Pedal
Steering:	Self Adjusting Rack and Pinion
Front Suspension:	Independent leaf spring with dual hydraulic shocks
Brakes:	4 Wheel mechanical drum
Parking Brake:	Foot operated, multi lock
Stabilizer Bar:	Yes
Frame Chasis:	Aluminum I-Beam
Front Body:	Armor Flex
Rear Body:	All Aluminum
Light Package:	Yes
Trailer Hitch:	Standard
Front Tires:	18 x 8:50-8, 6ply, premium tread
Rear Tires:	18 x 8.50-8, 6ply, premium tread
Instrumentation:	Electronic fuel gauge/hour meter, low oil warning light

Cargo Bed Size:	48.8 in. x 49.8 in. x 10.9 in. (15.3 cubic feet) 123.8 cm x 126.4 cm x 27.6 cm
Bed Height:	27.5 in. (69.9 cm)
Bed Capacity:	800 lbs. (362.9 kg)
Total Vehicle Capacity:	1200 lbs. (544.8kg)
Seating Capacity:	2
Overall Length:	111 in. (281.9 cm)
Overall Width:	50 in. (127cm)
Overall Height:	48 in. (121.9cm)
Wheel Base:	77.5 in. (196.9cm)
Ground Clearance:	4.5 in. (11.4cm)
Fuel Capacity:	6 Gallons(22.7l)
Tread:	34.5in./38.5in (87.6cm/97.8cm)
Dry Weight:	(less batteries) 724 lbs. (328.7kg)
Outside Radius Circle:	20.7ft. (6.3m diameter)
Turning Radius:	10ft. (3m)
Intersecting Aisle Radius:	77 in. (195.6cm)
Speed Range:	14-16 mph (22.5-25.7 kph)
Keys	Unit to come with four (4) keys
Spare Parts	Where spare filters are available, one (1) additional set will be provided with unit. (Inner air, outer air, primary fuel, secondary fuel, transmission, engine oil and hydraulic, if applicable to specified unit).
Vehicle Warranty:	2 year limited

Manuals: (2) Operator, (1) each Parts & Service

Quantity: (1)

Delivery: Thompson Park - Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn. Area - #416

Note: **For Reference Purposes Only:**
This unit shall be comparable to a Club Car Carryall 2

ITEM #11 - UTILITY VEHICLE IV - (GAS)

ENGINE: 4-Stroke Twin Cylinder
Horsepower – 40 HP
Displacement – 760cc
Fuel System – Electronic Fuel Injection
Cooling - Liquid

DRIVETRAIN: Transmission/Final Drive – Automatic PVT H/L/N/R; Shaft
Drive System – On-Demand True 6WD/Rear 4WD/Mid
Differential Lock

BODY/SUSPENSION:

Body Style - Full Size
Front – Dual A-Arm 9.6” (24.4 cm) Travel
Rear – Dual-A-Arm, IRS 9” (22.9 cm) Travel

BRAKES: Foot Operated 4 wheel Hydraulic Disc
Front/Rear Brakes – 4-Wheel Hydraulic Disc with Dual-Bore
Front Calipers
Parking Brake – Hand-actuated

TIRES/WHEELS: Front Tires/Model - 25 x 10-12; 489 Carlisle All Trail II
Rear Tires/Model – 25 x 11-12; 489 Carlisle All Trail II
Wheels – Stamped Steel

DIMENSIONS: Wheelbase – 105” (266.7 cm)
Dry Weight – 1,551 lb. (704 kg.)
Overall Vehicle Size - 137” Length, 60”Width, 76”Height
(348 x 152 x 193m)
Ground Clearance – 12 (30.5 cm)

CAPACITIES: Seating Capacity – 2 adults
Fuel Capacity – 9 gal (34.1 L)
Bed Box Dimensions – 42.5”L x 54”W x 11.5”H (108 x 137 x 29
cm)
Front/Rear Rack or Box Capacity – N.A. / 1,250 LB. (567 kg)
Payload Capacity – 2,000 lbs.(907.2 kg.)
Hitch Towing Rating – 2000 lb. (907.2 kg) towing capacity
Hitch/Type – Standard / 2” receiver
Slide in receiver with 2” ball

FEATURES: Certified Roll-Over Protective Structure (ROPS)
Cargo System – Lock & Ride

Lighting – 55W low/60W high, LED tail
Electronic Power Steering
Instrumentation – Digital gauge, Speedometer, Odometer,
Tachometer, Tripmeter, Hour Meter, Clock, Gear Indicator,
Fuel Gauge, Hi-Temp/Low-Battery Lights, DC Outlets (2)

COLOR: Avalanche Gray

KEYS: Unit to come with four (4) keys

SPARE PARTS: Unit to come with (1) spare of each filter on machine

QUANTITY: One (1)

DELIVERY: Thompson Park – Equipment Services Division
805 Newman Springs Rd.
Lincroft, NJ 07738
ATTN: Area #420

MANUALS: (2) Operator, (1) Parts & (1) Service

**NOTE: For vendor references purposes only:
The unit shall be comparable to a Polaris Ranger 6x6**

ITEM #12 - UTILITY VEHICLE V - (GAS)

- ENGINE:** Type - 4-Cycle gas
Cylinders/Valving – 2.0 OHV
Maximum Torque – 34.6 ft-lbs (46.9 Nm) @2100 rpm
Battery – 340CCA
Alternator – 25.5 amp @ 3200 rpm, regulated, 306 watt
Horsepower – 23 HP (17.2 kW)
Displacement – 617cc
Fuel System – Electronic Fuel Injection
Cooling - Liquid
- DRIVETRAIN:** On Demand true 4WD system
Front Differential – Auto-Locking
Rear Differential – positive locking, mechanically actuated
Transmission – continuously variable transmission (CVT) with full Clutch enclosure
Transaxle – Two speed (hi-low), oil bath
Bearings – Sealed, double-row ball
- BODY/SUSPENSION:** Front – Fully independent control arm with adjustable spring
Preload, 8 in (203 mm) Travel
Rear – Fully independent control arm with adjustable spring
preload and sway bar, 9 in (228.6 mm) Travel
Turning radius – 15.9 ft (4.8 m)
- BRAKES:** Front/Rear Brakes – Hydraulic disk with twin piston front calipers
Parking Brake – Driveline, internal wet multi-disk
- TIRES/WHEELS:** Front – Terrahawk AT, 25x9xR12
Rear – Terrahawk AT, 25x11xR12
- DIMENSIONS:** Wheelbase – 79”
Dry Weight – 1,630 lb. (739 kg.)
Overall Vehicle Size - 119” Length, 62”Width, 75”Height
Ground Clearance – 11 in
- CAPACITIES:** Seating Capacity – 2 adults
Bed Box Dimensions – 45”L x 52”W x 12”H
Box Capacity – 1,000 lbs
Bed Box Volume – 16.4 cu. Ft.
Dump – Manual with lift assist shock

Tailgate – Center truck-style latch
Hitch Towing Rating – 1500 lbs. towing capacity
Payload Capacity – 1400 lbs
Hitch/Type – Standard / 2” receiver
Slide in receiver with 2” ball

FEATURES: Certified Roll-Over Protective Structure (ROPS)
Cargo System – Lock & Ride
Lighting – Two 27 watt halogen
Electronic Power Steering
Instrumentation – Digital gauge, Speedometer, Odometer,
Tachometer, Tripmeter, Hour Meter, Clock, Gear Indicator,
Fuel Gauge, Hi-Temp/Low-Battery Lights

COLOR: Olive and Black

KEYS: Unit to come with four (4) keys

SPARE PARTS: Unit to come with (1) spare of each filter on machine

QUANTITY: One (1)

DELIVERY: Thompson Park – Equipment Services Division
805 Newman Springs Rd.
Lincroft, NJ 07738
ATTN: Area #420

MANUALS: (2) Operator, (1) Parts & (1) Service

NOTE: **For vendor references purposes only:**
The unit shall be comparable to a John Deere Gator XUV 625i

ITEM #13 - UTILITY VEHICLE VI – (GAS)

POWER SOURCE:	Gasoline
ENGINE:	4-cycle, OHV, 351 cc, single-cylinder, air-cooled, pressure-lubricated, spin-on oil filter
HORSEPOWER:	11.5 HP @3,600 rpm, exceeds SAE J1940 Performance Standards
GOVERNED RPM:	3,170 +/-30
START:	Pedal Start
IGNITION:	Electronic with electronic limiter
DRIVE UNIT:	Unitized transaxle, helical gears: 11.8:1 forward, 17.1:1 reverse, differential guard
ELECTRICAL SYSTEM:	12-Volt, 500 CCA, 105 min. reserve
FORWARD/REVERSE SELECTOR	Dash Mounted
STEERING:	Self-adjusting rack and pinion
FRONT SUSPENSION:	Independent leaf spring with dual hydraulic shocks
BRAKES:	4-wheel mechanical drum
PARK BRAKE:	Foot-operated, multi-lock
STABILIZER BAR:	Yes
FRAME CHASIS:	Aluminum I-beam
FRONT BODY:	Green
FRONT BUMPER:	Heavy-duty
FRONT COWL:	Armorflex ®Front Cowl – Green
REAR BODY:	All aluminum

LIGHT PACKAGE:	Unit to be equipped with headlights only.
TRAILER HITCH:	Unit to be equipped with Standard Trailer Hitch
FRONT TIRES:	18 x 8.50-8, 6-Ply rated, premium tread
REAR TIRES:	18 x 8.50-8, 6 Ply rated, premium tread
INSTRUMENTATION:	Electronic fuel gauge/hour meter, low oil warning light
HOLDERS:	Beverage, Cell Phone, and two-way radio holders
CARGO BED SIZE:	48.8 in. x 49.8 in. x 10.9 in. (15.3 ft ³) 123.8 cm x 126.4 cm x 27.6 cm
BED HEIGHT:	27.5 in. (69.9 cm)
BED CAPACITY:	800 lb. (362.9. kg)
TOTAL VEHICLE CAPACITY:	1,200 lb. (544.8 kg.)
SEATING CAPACITY:	Two (2)
SEAT COLOR:	Gray
OVERALL LENGTH:	111 in. (281.9 cm)
OVERALL WIDTH:	50 in. (127 cm)
OVERALL HEIGHT:	48 in. (121.9 cm)
WHEELBASE:	77.5 in. (196.9 cm)
GROUND CLEARANCE:	4.5 (11.4 cm)
FUEL TANK CAPACITY:	6 gallons (22.7L)
TREAD:	34.5 in./38.5 in. (87.6 cm/97.8 cm)
DRY WEIGHT (Less Batteries):	724 lb. (328.7 kg)
OUTSIDE RADIUS CIRCLE:	20.7 ft. (6.3 m dia)

TURNING RADIUS: 10 ft (3 m)

INTERSECTING AISLE RADIUS: 77 in. (195.6 cm)

SPEED RANGE: 14-16 mph (22.5-25.7 kph)

VEHICLE WARRANTY: 2 year, limited

OPTIONAL EQUIPMENT: 1) Electric Bed Lift
2) Accessory plug outlet
3) Exhaust Spark Arrestor

SUPPORT LITERATURE: Operators, Parts and Service Manual

QUANTITY: One (1)

KEYS: (4) Sets of keys

SPARE PARTS: Unit to come with (1) each of each filter on machine

DELIVERY TO: Thompson Park – Equipment Services Division
805 Newman Springs Rd.
Lincroft, NJ 07738
ATTN: Areas #421

**NOTE: For vendor reference purposes only:
The unit specified shall be comparable to a Club Car
Turf II**

ITEM #14 - UTILITY VEHICLE VII - ELECTRIC

POWER SOURCE	Electric
DRIVE MOTOR	48-volt shunt/sepex
HORSEPOWER	3.1 hp @ 3,400 rpm (continuous), 21 hp @ 2,000 rpm (intermittent)
DRIVE UNIT	12.3:1 direct drive axle, double reduction helical gear
ELECTRICAL SYSTEM	48 volt
BATTERIES	Heavy duty: 145 minutes @ 75 amps
CHARGER	Automatic 48-volt DC, 17 amp, UL and CUL listed
CONTROLLER	500A solid state
KEY OR PEDAL START	Pedal
STEERING	Self-adjusting rack and pinion
FRONT SUSPENSION	Independent leaf spring with dual hydraulic shocks
BRAKES	4-wheel mechanical drum
PARK BRAKE	Foot-operated, multi-lock
FRAME CHASSIS	Aluminum I-beam
FRONT BODY	ArmorFlex
REAR BODY	All aluminum
TRAILOR HITCH	Standard
FRONT TIRES	18 x 8.50-8, 6 ply rated, premium tread
REAR TIRES	18 x 8.50-8, 6 ply rated, premium tread
INSTRUMENTATION	Battery warning light
CARGO BED SIZE	48.8 in x 49.8 in x 10.9 in (15.3ft ³) 123.8 cm x 126.4 cm x 27.6 cm

FLAT BED SIZE	46.9 in x 48.3 in (119.1 cm x 122.7 cm)
BED HEIGHT	27.5 in (69.9 cm)
BED CAPACITY	800 lb (362.9 kg)
TOTAL VEHICLE CAPACITY	1,200 lb (544.8)
SEATING CAPACITY	2
OVERALL LENGTH	111 in (281.9cm)
OVERALL WIDTH	50 in (127 cm)
OVERALL HEIGHT	48 in (121.9cm)
WHEEL BASE	77.5 in (196.9cm)
GROUND CLEARANCE	4.5 in (11.4 cm)
TREAD	34.5 in/38.5 in (87.6 cm/97.8 cm)
DRY WEIGHT (LESS BATTERIES)	612 lb (277.8 kg)
OUTSIDE RADIUS CIRCLE	20.7 ft (6.3 m) dia
TURNING RADIUS	10 ft (3 m)
INTERSECTING AISLE RADIUS	6.42 ft (195.6 cm)
SPEED RANGE	5-17 mph (8-27.3 kph)
ACCESSORIES	Toolbox and bedmat
VEHICLE WARRANTY	2 year, limited; 4-year batteries
MANUALS	Owners, Service, and Parts Manuals
KEYS	(4) Sets of keys

QUANTITY

One (1)

DELIVERY TO

Thompson Park Equipment Services Division
805 Newman Springs Rd.
Lincroft, NJ 07738
ATTN: Area #434 N

NOTE:

For vendor reference purposes only: The units specified shall be comparable to a year 2013 Turf 2 electric ClubCar.

ITEM #15 - UTILITY VEHICLE VIII - (ELECTRIC)

Power Source:	Electric
Engine:	48 – Volt shunt/ sepex
Horsepower:	3.7 hp@ 3400 rpm (continuous), 21 hp @ 2,000 rpm (peak)
Drive unit:	12.3:1 direct-drive axle, double-reduction helical gear
Electrical System:	48-volt
Key or Pedal Start:	Pedal
Steering:	Self Adjusting Rack and Pinion
Front Suspension:	Independent leaf spring with dual hydraulic shocks
Brakes:	4 Wheel mechanical drum
Parking Brake:	Foot operated, multi lock
Frame Chasis:	Aluminum I-Beam
Front Body:	Armor Flex
Rear Body:	All Aluminum
Light Package:	Yes
Trailer Hitch:	Standard
Front Tires:	22 x 11 - 10, 6ply, heavy – duty, Turf Tread
Rear Tires:	22 x 11 - 10, 6ply, heavy – duty, Turf Tread
Instrumentation:	Electronic fuel gauge/hour meter, low oil warning light
Cargo Bed Size:	48.8 in. x49.8 in. x 10.9 in.(15.3 cubic feet) (with electric dump) 123.8 cm x 126.4 cm x 27.6 cm
Bed Height:	29.8 in. (75.6 cm)

Bed Capacity:	500 lbs. (226.8 kg)
Total Vehicle Capacity:	900 lbs. (408.2kg)
Seating Capacity:	2
Overall Length:	120.4 in. (305.8 cm)
Overall Width:	51.3 in. (130.2cm)
Overall Height:	51.1 in. (129.8cm)
Wheel Base:	78.5 in. (199.4cm)
Ground Clearance:	6.4 in. (16.3cm)
Fuel Capacity:	N/A
Tread:	36.5in./41.3in (92.7cm/104.8cm)
Dry Weight:	900 lbs. (407.2kg)
Outside Radius Circle:	21.7ft. (6.6m diameter)
Turning Radius:	10.8 ft. (3.3 m)
Intersecting Aisle Radius:	77 in. (195.6cm)
Speed Range:	15-17 mph (24.1-27.4 kph)
Keys	Unit to come with four (4) keys
Spare Parts	Where spare filters are available, one (1) additional set will be provided with unit. (Inner air, outer air, primary fuel, secondary fuel, transmission, engine oil and hydraulic, if applicable to specified unit).
Vehicle Warranty:	2 year limited
Manuals:	(2) Operator, (1) each Parts & Service
Quantity:	(1)

Delivery: Thompson Park - Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn. Area - #410

Note: **For Reference Purposes Only:**
This unit shall be comparable to a
Club Car Carryall Turf 252(Electric)

ITEM #16 - UTILITY VEHICLE IX - (ELECTRIC)

- ENGINE:** Single 48-volt, High-efficiency, AC-Induction Motor
Horsepower – 30 HP
Controller – 650 AMP Servcon Gen 4 with Multi Mode
Battery Pack – 11.7 x KW at 48Vdc
Modes: High for performance, Low for pulling/towing, and Max Range for distance.
Charge Time – Approx. 8 hrs. for full charge
- DRIVETRAIN:** Transmission/Final Drive – Direct Drive with low-noise gears
Drive System – On-Demand True All Wheel Drive/2WD/Versa Trac Turf Mode (engages all (4) tires when the rear wheels slip and you need more forward traction. Reverts back to (2) wheel drive when you do not).
Final Drive – Direct Drive to Transaxle
Engine Braking System/Active Decent Control – Not equipped.
- BODY/SUSPENSION:**
- Body Style - Mid Size
Front – MacPherson Strut, 8” (20.3 cm) Travel
Rear – Dual-A-Arm, IRS 9” (22.9 cm) Travel
Shock Preload Adj – Cam Adjustment (rear)
- BRAKES:** Foot Operated 4 wheel Hydraulic Disc
Front/Rear Brakes – 4-Wheel Hydraulic Disc with Dual-Bore Front Calipers
Parking Brake – Hand-actuated
- TIRES/WHEELS:** Front Tires/Model - 25 x 9-12; Carlisle All Trail II
Rear Tires/Model – 25 x 9-12; Carlisle All Trail II
Wheels – Stamped Steel
- DIMENSIONS:** Wheelbase – 72” (182.9 cm)
Dry Weight – 1,700 lb. (771 kg.)
Overall Vehicle Size - 108” Length, 56.5”Width, 73”Height (274 x 144 x 185 cm)
Ground Clearance – 10” (25.4 cm)
- CAPACITIES:** Seating Capacity – 2 adults
Top Speed – 25 MPH (40.2 KPG)
Bed Box Dimensions – 32”L x 42” W x 11.5”H (81 x 107 x 29 cm)
Box Capacity – N.A. / 500 LB. (226.8 kg)

Payload Capacity – 1,000 lbs. (453.6 kg.)
Hitch Towing Rating – 1,250 lb. (567 kg) towing capacity
Hitch/Type – Standard / 2” receiver
Slide in receiver with 2” ball

FEATURES: Certified Roll-Over Protective Structure (ROPS)
Cargo System – Lock & Ride
Lighting – 50W Headlight, LED tail
Electronic Power Steering – Not equipped
Instrumentation – Digital Hour Meter, Mode Indicator, DC Outlet,
Hi-Temp Light, Change Cycle Indicator, Battery Life Indicator

CHARGER: Unit to come with standard automatic charger

COLOR: Avalanche Gray

KEYS: Unit to come with four (4) keys

QUANTITY: One (1)

DELIVERY: Thompson Park – Equipment Services Division
805 Newman Springs Rd.
Lincroft, NJ 07738
ATTN: Area #443

MANUALS: (2) Operator, (1) Parts & (1) Service

NOTE: **For vendor references purposes only:
The unit shall be comparable to a Polaris Defense EV Ranger,
Electric Utility Vehicle**

ITEM #17 - UTILITY VEHICLE X (ELECTRIC)

QUANTITY: One (1)

PASSENGERS/
CARGO: Carries up to (6) passengers with a fixed rear seat Standard w/fold down rear seat available

BODY: ArmorFlex® front body for fade-resistant color

BODY COLOR: White. Matching paint over molded in color (automotive finish)

SEAT COLOR: White

FLOOR COLOR: Beige

CANOPY TOP: Color: Beige, to be included with unit.

HANDICAP
RAMP: To be included with unit

POWER SOURCE: Electric

DRIVE MOTOR: 48-volt shunt/sepex

HORSEPOWER: 3.7 hp @ 3,400 rpm (continuous)21 hp @2,000 rpm (peak)

DRIVE UNIT: 12.3:1 direct-drive axle, double reduction helical gear

ELECTRICAL
SYSTEM: 48-volt

BATTERIES: Eight 6-volt, Standard: 115 min. @ 75 amps;
Heavy Duty: 145 minutes @ 75 amps

CHARGER: Automatic, computer-controlled 48-volt DC,
17 amp, UL and CUL listed

CONTROLLER: 500A solid state

STEERING: Self-adjusted rack and pinion

FRONT
SUSPENSION: Independent leaf spring with dual hydraulic shocks

REAR
SUSPENSION: Leaf springs with dual hydraulic shocks

BRAKES: 4-Wheel mechanical drum

PARK BRAKE: Foot-operated, multi-lock

STABILIZER BAR: No

FRAME CHASIS: Aluminum I-beam

LIGHT PACKAGE: Standard which includes tail lights, brake lights, Halogen headlights and horn

FRONT TIRES: 18 x 8.50-8, 6-ply rated, premium tread

REAR TIRES: 18 x 8.50-8, 6-ply rated, premium tread

INSTRUMENTATION:

Battery capacity indicator
Battery warning light

DASH COMPARTMENTS:

Dual dash compartments

TOTAL VEHICLE
CAPACITY: 1,500 lb. (681 kg)

SEATING
CAPACITY: Six (6)

OVERALL
LENGTH 124 inch (315 cm)

OVERALL
WIDTH: 47.3 inch (120.1 cm)

OVERALL
HEIGHT: 48 inch (121.9 cm)

WHEELBASE: 98.5 inch (250.2 cm)

GROUND

CLEARANCE: 4.5 inch (11.4 cm)

TREAD: 34.5 inch/38.6 inch (87.6 cm/97.8 cm)

DRY WEIGHT: 590 lb.
(less batteries)

OUTSIDE RADIUS

CIRCLE: 24.7 ft. (7.5 m) diameter

TURNING RADIUS: 12 ft. (3.7 m)

INTERSECTING AISLE

RADIUS: 7.5 ft (228.6 cm)

SPEED RANGE: 5-17 mph (8-27.3 kph)

VEHICLE

WARRANTY: 2-Year limited warranty
4-Year limited battery warranty

DELIVERY: Thompson Park – Equipment Services
805 Newman Springs Rd.
Lincroft, NJ 07738
Attn: Area - #423

NOTE: **For Reference Purposes Only:**
This unit shall be comparable to a Club Car Villager 6

ITEM #18 - UTILITY VEHICLES XI - (DIESEL - 4WD)

ENGINE: Type – 4 cycle, diesel
Cylinders – 3
Displacement – 898 cc
Horsepower 21.6 @3200 rpm

ELECTRICAL VALVING: OHV

FUEL TANK CAPACITY: 7.4 Gal.

DRIVE SYSTEM: 4 wheel drive with 2 wheel drive selection capability

TRANSMISSION: Type – Variable hydro transmission (VHT) for an unmatched level of performance including 3-ranges, quick acceleration, optimum traction on any terrain, aggressive hill-climbing power and smooth downhill ride.
Ground Speed – 0-25 mph
Differential Lock – Standard, foot operated
Gear Selection – Hi-Med-Lo Range; forward, neutral, reverse

BRAKES: Front – Wet disc brake
Rear – Wet disc brake
Parking – Rear wheel, hand lever

STEERING: Hydrostatic Power

SUSPENSION: Front/Rear - Independent, McPherson strut-type/Semi-Independent, axel w/leaf springs and shock absorbers

DIMENSIONS: Length – 119.3 inches
Width – 59.8 inches
Overall Height – 79.1 in.
Front tread centers – 45.3 in.
Rear tread centers – 46.5 in.
Wheel base – 77.4 in.
Ground clearance – front axle – 8.3 in.
Ground clearance – rear axle – 7.5 in.
Turning diameter – 25.6 ft.

HITCH: Unit to have slide in receiver and slide in ball mount with ¾” hole for use with pin or ball.

TOWING
CAPACITY: 1,300 lbs.

PAYLOAD
CAPACITY: 1,642 lbs.

WEIGHT: 1,929 lbs.

CARGO BED: Width – 52 in.
Length (w/o brush guard) – 46.7 in.
Depth – 11.4 in.
Volume – 16 cu. ft.
Bed Height (unloaded) – 31.5 in.
Cargo bed load – 1,102 lbs.

DUMPING: Hydraulic Type

SOUND LEVEL
(OPERATOR EAR): 87 db.

TIRES: Front – 25 x 10 x 12 HDWS, 6 ply
Rear – 25 x 10 x 12 HDWS, 6 ply

BODY COLOR: Orange

ROLL BAR/FRAME:
Utility vehicle will not have cab at this time, but will be provided with roll bar/frame and front grill guard as a standard feature.

OPTIONS: The unit shall have the following:

- ❖ Fuel Filter Kit (w/water separator)
- ❖ Windshield wiper kit – (Passenger and Driver Side)
- ❖ Two (2) heavy-duty springs
- ❖ Glass windshield with wiper. Full width, seamless safety glass providing outstanding visibility.
- ❖ Metal Top
- ❖ Strobe Light
- ❖ Turn Signal and Hazard Kit
- ❖ Front Guard

SPARE PARTS: (1) Extra set of all filters on machine for each unit

KEYS: Each unit to come with four (4) full sets of keys

QUANTITY: Two (2)

MANUALS: Two operator and one each Parts/Service for each unit.

WARRANTY: 12 months

DELIVERY: Thompson Park Equipment Services Division
805 Newman Springs Rd.
Lincroft, NJ 07738
Attn: Area - #407 & 436

NOTE: For vendor reference purposes only, the unit specified is comparable to the Kubota, Model #RTV900XT Utility Vehicle.

ITEM #19 - UTILITY VEHICLE XII (DIESEL)

Engine: Rear positioned Kubota 902D, 3 cylinder, inline vertical, 4 cycle, liquid cooled 898 cc diesel engine. 23.3 hp governed to a speed of 3600 RPM. To be direct coupled to transaxle. 12 Volt, 540 CCA battery, 60 amp alternator. Electric fuel pump. Combination fuel filter/water separator with 30-micron filtration, 50 mesh in tank suction screen. Remote mounted heavy duty 2 stage air cleaner. 4.5 Gallon fuel capacity. Right side mounted radiator with removable screen, aluminum 10 fin/inch dual pass, thermally Controlled DC electric cooling fan. Engine meets EPA Tier IV Compliance. Biodiesel ready up to B20.

Transmission:

Rear transaxle configuration is connected directly to engine, twin axle drive. 3 speed synchromesh, H shift pattern with high/low range providing 6F/2R speeds. Manual differential lock. Supervisor's speed lockout provides inter switch so engine will not run in third gear, high range without supervisor's key, to be installed as manufactures standard feature.

Clutch: 7.5" clutch and pressure plate.

Gauges: Fuel, coolant temperature, hour meter, oil pressure, glow plug and battery charge indicator lights. Tachometer/speedometer.

Brakes: 4 wheel 9.5" disk with hydraulic service brakes using twin piston fix mount calipers. Parking brake uses mechanical cables actuated caliper on rear wheels.

Suspension: Front- Independent A frame control arm, dual coil springs, and dual shock absorbers with anti-sway bar. Steel space frame Front frame.
Rear- DeDIon axle (weight carrying axle is independent of transaxle), with leaf springs and dual shock absorbers. Heavy duty C channel rear frame.

Steering: Power assist, 4 position tilt wheel. Front wheels steer 70 degrees for optimum maneuverability. Inside turning radius 32".

Hydraulics: Hydraulic system provides hydraulic flow for power steering and lift in series. Lift control valve with quick disconnects for dual lift cylinders or for attachments when quick disconnects are switched. Three position hydraulic valve with spring return to neutral and ball checks to maintain load. Transaxle used as reservoir for hydraulic system, with 8 quart total capacity. Spin on hydraulic oil filter, with 100 mesh strainer in transaxle. Independent auxiliary hydraulic system powers hydraulic attachments and provides additional hydraulic capacity of 8 gpm @ 2000 psi, 4 gallon reservoir, electrically actuated valve.

Wheels/Tires:

Front 2 -20x9.00-12 6PR turf tread
Rear 2 – 24x12.00-12 6PR turf tread

Seats: Twin molded cushions and backrests, with shoulder and hip restraints, seat belts.

Cargo Box: Welded steel with diamond plate bed, including tailgate with fixed pivot. Twin cylinder hydraulic lift.
64.5” x 54.7” x 11”.

Rated Capacity:

3244 lbs. total, including 200lb. operator, 200 lb.
Passenger and loaded attachment

Dimensions:

Overall length 130” full bed
Overall width 65”
Wheelbase 70”

Tow Hitch: Formed steel hitch bolted to rear DeDion Axle, Mounting plate provides mounting hole for pin or ball hitch and incorporates two safety chain mounting holes. Maximum tongue weight 600 lbs. Maximum trailer weight 3500 lbs.

Noise Rating:

85dB (A) at operator’s ear, 3600RPM

Miscellaneous:

Twin halogen headlights and dual taillights, rear stop lamps, clutch pedal safety interlock switch, tow hitch, rear wheel fenders, OSHA certified 2 post ROPS. To have capability of installing at a future date: rear 540 RPM PTO frame mounted platform lift, refuse container, 1/3-2/3 bed configuration for tool box simultaneous mounting, Vicon spreader, ball field grading attachments, 23' personnel lift.

Warranty: 24 months parts and labor and transportation.

Certification:

Certified to meet SAE J2258. Certified to meet IOS/ DIS 21299 for ROPS. Engine meet all applicable standards per the manufacturer. Certified to meet the CE Machinery Directive.

Keys: (4) Sets of keys

Manuals: (2) Operator and (1) each Parts & Service

Spare Parts: Unit to come with (1) each of all filters on machine

Quantity: One (1) unit

Delivery: Thompson Park – Equipment Services Division
805 Newman Springs Rd.
Lincroft, NJ 07738
ATTN: Area - #416

**NOTE: For Reference Purposes Only:
This unit shall be comparable to a Toro Workman
HDXD Utility Vehicle**

ITEM #20 - UTILITY VEHICLE XIII – (DIESEL) WITH MOUNTED SPREADER)

Engine	3-cylinder, 4-cycle, liquid cooled, counterbalanced diesel engine. 26.5 hp (19.8kW); governed to a maximum speed of 3600 rpm by an internal mechanical centrifugal governor. 58.1 cu. In. (952 cc) displacement. Rear engine location, direct coupled to a transaxle. 12 volt electric starter. Full pressure lubrication with spin-on oil filter. 12 volt electric fuel pump with replaceable filter. Replaceable fuel filter/water separator with 3 micron filtration. Exhaust emissions meet C.A.R.B. for specialty vehicle engines and EPA regulations.
Clutch	6.7" (17 cm) clutch and pressure plate.
Instrument Panel	Fuel, coolant temperature and hour meter gauges, glow plug switch. Warning light cluster includes engine low oil pressure and glow plug light. Tachometer and speedometer.
Battery	12 volt, group 26, 540 cold cranking amps at 0° F (-18° C).
Bed height	30" (76 cm)
Cargo Bed Capacity	2494 lbs. (1134 kg)
Bed	Welded steel diamond plated bed, including tailgate with fixed pivot. Dimensions: 64.5" x 54.7" x 11". 20 cu. ft. capacity. Twin Cylinder hydraulic lift.
Wheels and Tires	Front: 20 x 9-12, 6-ply rating, turf tread. Rear: 24 x 12-12, 6-ply rating, turf tread.
Air Cleaner	Remote mounted, heavy-duty 2-stage air cleaner with evacuator valve.
Cooling System	Aluminum radiator with 10 fins per inch dual pass. Right side mounted with removable screen for debris cleaning Thermal controlled DC electric fan.
Vehicle Weight	1,956 lbs. (887 kg)

Sound Level	85 dB(A) at operator's ear; 3600 rpm. (Bed and sides installed)
Transmission/Drive Train	Rear transaxle directly connected to engine, twin axle drive. 3-speed synchromesh (forward speeds only), H-shift pattern with high-low range providing 6 forward speeds, 2 reverse. Transmission housing doubles as hydraulic reservoir with outlet screen and external filter.
Suspension	Front: Independent A-Frame control arm, dual progressive coil springs, and dual shock absorbers with anti-sway bar. Provides 5 ¾" travel. Rear: rear axle is weight carrying type axle and is independent of transaxle, dual leaf springs, and dual shock absorbers. Provides 3" travel.
Frame	Steel space frame and C- channel rear frame.
Steering	Hydraulic power steering with steering valve coupled to hydraulic cylinder with thru shaft. Maximum steering angle is 70 degrees., 3-position tilt steering wheel, 13.5" (35 cm) diameter steering wheel, 4 turns lock-to-lock, 17.5 to 1 ratio, 70° (2WD).
2-Post ROPS	2-Post Roll Over Protective Structure and protective back panel bolted to ROPS.
Brakes	4-wheel hydraulic disk brake system. 9 ½" disk with hydraulic service brakes using twin piston fix mount calipers. Parking brake uses mechanical cable actuated caliper on rear wheels.
Hydraulics	4 gpm (15 lpm) gear pump provides hydraulic flow for power steering and lift in series. Lift control valve with quick disconnects for dual lift cylinders or for attachments when quick disconnects are switched. 8 quart total capacity.
Fuel Capacity	6.5 gallon (24.6 liter)
Fuel Pump	Mechanical
Fuel Filter	Combination fuel filter/water separator with a 30 micron filtration and 50 mesh suction screen in tank.
Lights	Twin halogen headlights and dual taillights actuated by switch on dash. Dual brake lights actuated by brake pedal.

Horn	Standard, button on dash.
Seats/Seatbelts	Lap seat belts standard. Bucket seats with adjustable slides to allow for various seat positions. Hip restraint tubes welded to seat mounting straps.
Controls	Throttle, brake and clutch pedals. Gear shifter, differential lock, parking brake, high-low range shifter, hydraulic lift lever. Ignition switch, light switch and horn button. Glow switch.
3rd High lockout	Interlock switch; engine won't run in third gear high range. Includes key switch.
Interlock	To start engine, clutch pedal must be depressed and remote hydraulic lever must be in neutral position. High flow hydraulics and rear PTO must be disengaged/switched off.
Safety Support	7-gauge steel channel stores behind seat and fits over extended lift cylinder to prevent accidental lowering of bed.
Ground Speed	Forward speeds: High range- 7.6/11.5/19.8 mph Low range- 2.9/4.5/7.7 mph Reverse speeds: High range- 7.1 mph Low range- 2.8 mph
Ground Clearance	7" (18 cm) with no load.
Dimensions	Overall Length: 127.6" (324 cm) w/o bed; Overall Width: 64.7" (164.3 cm); Overall Height (top of ROPS): 75.8" (192.5 cm); Clearance Circle: 32" (81 cm) Inside, 194" (493 cm) Outside
Rear tow hitch	Heavy duty hitch frame made of steel plate and tubular construction . Steel hitch bracket bolted to rear axle. Mounting plate provides mounting hole for pin or ball hitch and incorporates two safety chain mounting holes. Maximum tongue weight of 600 lbs. (272 kg). Maximum trailer weight of 3500 lbs (1587 kg). Trailers over 1500 lbs. require trailer brakes.
Vehicle Accessories	High Flow Hydraulics Kit: 8 GPM (30.3 litres) at 2000 psi, 4 gallon (15.1 litre) reservoir, electrically actuated valve

Rear PTO Kit: rear mounted PTO, PTO shaft mechanically driven by transaxle.

Remote Hydraulic Manifold Kit: Hydraulic manifold kit that provides the ability to switch hydraulics between cargo bed actuation and remote port usage via use of a operator panel mounted switch.

Pendulum Spreader Mounting Kit: for mounting pendulum spreader on machine

Spare Parts Where spare filters are available, one (1) additional set will be provided with unit. (Inner air, outer air, primary fuel, secondary fuel, transmission, engine oil and hydraulic, if applicable to specified unit).

Keys Unit to come with four (4) sets of keys

Warranty Two year limited warranty for parts, labor and transportation.

Support Literature Parts Book
Owners/operators manual
Service Manual
2013 Service Reference CD

Mounted Pendulum Spreader

Requirements Must be able to mount on utility vehicle equipped with High Flow hydraulics.

Hopper Pendulum action spreader with polyester hopper
Capacity: 14.1 cu. Ft (.396cu. m.), 950 lbs. (340.5 kg)
Spread width is 3-46 ft. (1-14m)

Frame Welded heavy duty sub-frame
Mounts using existing cylinder and box mount

Warranty Two year limited warranty for parts, labor and transportation.

Support Literature Parts Book
Owners/operators manual
Service Manual

Quantity One (1) Utility Vehicle with bed and one (1) pendulum spreader mounted

Delivery To

Thompson Park Equipment Services Division
805 Newman Springs Rd
Lincroft, NJ 07738
Attn: Area #421 (1)

Note

**For vendor reference purposes only:
The unit specified shall be comparable to a Toro
Workman HDX-D 2 Wheel Drive Diesel**

ITEM #21 - UTILITY VEHICLE XIV (DIESEL) 4-WHEEL TURF TRUCKSTER

Standard Features

Green, heavy duty carbon steel channel frame, one-piece polyethylene, dent-resistant, rust-proof front body, front storage area with hinged and latched polyurethane hood, fuel gauge, tachometer, hour meter, 60” bed, temperature gauge, low oil pressure light, volt meter, governor and hand throttle controls, light switch, horn, keyed ignition switch, phone/cup holder, 12V power plug outlet, glove box area, bucket type high back seats with ergonomically placed hand and foot controls, open floor area, pin disconnect system and tow hitch.

Power – Diesel Model

Engine..... Kubota D1105 diesel, 3-cylinder, 4-cycle, liquid cooled
 HP (@ 3200 rpm) 22.3 HP (16.6 kW)
 HP (max. @ 3600 rpm) 24.8 HP (18.5 kW)
 Torque (@ 2900 rpm)..... 39 ft. – lbs.
 Displacement 58.2 cu. in. (954 cc)
 Oil Capacity 3.7 qt. (3.5 L)
 Governor Type Mechanical centrifugal (ground speed governor)
 Air Cleaner Self-cleaning centrifugal precleaner with paper cartridge
 Lube Oil Filter Full flow with spin on oil filter
 Lubrication Full pressure lubrication
 Starting System..... 12-Volt solenoid shift starter
 Fuel Type..... Diesel ASTM No. 2-D
 Fuel Capacity 6.5 Gallon polyolefin tank
 Fuel Filter Prefilter, water separator, final filter

Performance

Rated Capacity: 2850 lbs. (1293 kg) includes 200 lbs. each for operator, passenger and box

<u>Engine RPM</u>	<u>Gear</u>	<u>Low Range mph (km/hr)</u>	<u>High Range mph (km/hr)</u>
3200 rpm	1 st	1.7 (2.7)	5.5 (8.8)
	2 nd	3.2 (5.2)	10.3 (16.5)
	3 rd	4.4 (7.1)	14.1 (22.6)
	4 th	6.3 (10.1)	20.0 (32.2)

Flatbed Box 60” L x 47” W x 12 D

Drive Train

Clutch 7.1” (180 mm) dry single disc and pressure plate
 Transmission Manual 4-Speed truck manual transmission with low-low (creeper) 1st gear. Synchronized in all forward gears
 Gear Selector Dash mounted right hand shifter

Delivery to Thompson Park – Equipment Services Division
805 Newman springs Road
Lincroft, NJ 07738
ATTN: # 421

Note **For vendor reference purpose only:**
The unit specified shall be comparable to a
Cushman 4-Wheel Turf Truckster (Model # 84063).

ITEM #22 - UTILITY VEHICLE XV - DIESEL

Engine	Rear-positioned Kubota 902D, 3 cylinder, inline vertical, 4 cycle, liquid cooled 898 cc diesel engine. 23.3 hp governed to speed of 3600 RPM. To be direct coupled to transaxle. 12 volt, 540 CCA battery, 60 amp alternator. Electronic fuel pump. Combination fuel filter/water separator with 30-micron filtration. 50 mesh in tank suction screen. Remote mounted heavy duty 2-stage air cleaner. Right side mounted radiator with removable screen, aluminum 10 fins/ inch dual pass, thermally controlled DC electric cooling fan. Engine meets EPA Tier IV compliance Biodiesel ready up to B20
Hydraulics	Hydraulic flow for power steering and lift in series. Lift control valve with quick disconnects for dual lift cylinders or for attachments when quick disconnects are switched. Three position hydraulic valve with spring return to neutral and ball checks to maintain load. Transaxle used as reservoir for hydraulic system, with 8-quart total capacity. Spin on hydraulic oil filter, with 100 mesh strainer in transaxle.
Clutch	7.5" (17 cm) clutch and pressure plate.
Instrument Panel	Fuel, coolant temperature and hour meter gauges, glow plug switch. Warning light cluster includes engine low oil pressure and glow plug light. Battery charge indicator lights. Tachometer/speedometer.
Battery	12 volt, 540 cold cranking amps at 0°F (18°C).
Cargo Box	Welded steel with diamond plate bed, including tailgate with fixed pivot. 64.5" x 54.7" x 11. 20 cu. Ft. capacity. Twin cylinder hydraulic lift.
Wheels and Tires	Front: 20 x 10-10, 4-ply rating, turf tread. Rear: 24 x 13-12, 6-ply rating, turf tread.
Air Cleaner	Remote mounted, heavy-duty 2-stage air cleaner with evacuator valve.
Radiator	Right side -mounted with removable screen, lower clean-out access.

Vehicle Weight	1,929 lbs. (875 kg)
Rated capacity	Rated Capacity: 3,185 lbs. Including 200lb operator, 200 lb passenger and loaded attachment.
MGVW	Maximum Gross Vehicle Weight: 4,250 lbs. (1,928 kg).
Sound Level	85 dB(A) at operator's ear; 3600 rpm. (Bed and sides installed)
Transmission/Drive Train	Rear transaxle configuration, twin axle drive. 3-speed synchromesh (forward speeds only), H-shift pattern with high-low range providing 6 forward speeds, 2 reverse. Manual engage rear differential lock. Standard 3rd high gear lockout. 4 wheel drive to be automatic, on demand with center differential to prevent scuffing during turning, operational in forward and reverse.
Suspension	Front: Independent A-Frame™ control arm, dual progressive coil springs, and dual shock absorbers with anti-sway bar. Steel space frame front frame. Rear: Low suspended-mass, DeDion® axle (weight carrying axle is independent of transaxle), leaf springs, and dual shock absorbers. Heavy duty C channel rear frame.
Frame	Welded, high-strength steel channels and tubes.
Steering	Power assist, 4-position tilt steering wheel. Front wheels steer 70 degrees. Inside turning radius 32"
2-Post ROPS	2-Post Roll Over Protective Structure.
Brakes	4-wheel 9.5" disk with hydraulic service brakes using twin piston fix mount calipers. Parking brake uses mechanical cable actuated caliper on rear wheels.
Fuel Capacity	4.5 gallon
Lights	Twin halogen headlights and single taillight with switch, rear stop lamp.
Horn	Standard, button on dash.
Seats	Twin molded cushions and backrests, with shoulder and hip restraints, seat belts.
Seatbelts	Standard

Controls	Throttle, brake and clutch pedals. Gear shifter, differential lock, parking brake, high-low range shifter, hydraulic lift lever. Ignition switch, light switch and horn button. Glow switch.
3rd High lockout	Interlock switch; engine won't run in third gear high range. Includes key switch.
Interlock	Clutch pedal must be depressed to start. PTO, electric clutch, high flow hydraulics and generator must be disengaged (if installed) to start.
Safety Support	7-gauge steel channel stores behind seat and fits over extended lift cylinder to prevent accidental lowering of bed.
Ground Speed	Forward speeds: High range- 7.6/11.5/19.8 mph Low range- 2.9/4.5/7.7 mph Reverse speeds: High range- 7.1 mph Low range- 2.8 mph
Ground Clearance	7" (18 cm) with no load.
Dimensions	Overall Length: 130" (325 cm) w/o bed; Overall Width: 65" (165 cm); Overall Height (top of ROPS): 75.8" (192.5 cm); Clearance Circle: 32" (81 cm) Inside, 194" (493 cm) Outside; Wheelbase: 70" (178 cm); Wheel Track: 46.5" (118 cm)-front, 50.5" (128 cm)-rear;
Rear tow hitch	Formed steel hitch bracket bolted to rear DeDion Axle. Mounting plate mounting hole for pin or ball hitch and incorporates two safety chain mounting holes. Maximum tongue weight 600lbs. maximum trailer weight 3,500 lbs.
Certifications	Certified to meet the SAE J2258. Certified to meet ISO/DIS 21299 for ROPS Engine meets all applicable emissions standards per the manufacturer. Certified to meet the CE Machinery Directive.
Vehicle Accessories	Welded steel diamond plated bed, including tailgate with fixed pivot. Dimensions: 64.5" x 54.7" x 11". 20 cu. ft. capacity. Twin Cylinder hydraulic lift.
Keys	(4) sets of keys
Spare Parts	Unit to come with (1) each of all filters on machine

Warranty	Two year limited warranty for parts, labor and transportation.
Support Literature	Parts Book Owners/operators manual Service Manual 2008 Service Reference CD
Quantity	One (1)
Delivery To	Thompson Park Equipment Services Division 805 Newman Springs Rd Lincroft, NJ 07738 Attn: Area 434
Note	For vendor reference purposes only: The unit specified shall be comparable to a Toro Workman HDXD-4

ITEM #23 - UTILITY VEHICLE XVI – DIESEL (WITH SWEEPER)

Engine	B&S Daihatsu® 950D, 3-cylinder, inline vertical, 4-cycle, liquid cooled, counterbalanced diesel engine. 24 hp (17.9 kw); governed to a maximum speed of 3600 rpm. Mechanical centrifugal governor. 58.0 cu. in. (950 cc) displacement. Rear engine location. Direct couple to transaxle. 12-volt electric starter. Full pressure lubrication with spin-on oil filter. Meets EPA Tier IV compliance.
Clutch	6.7” (17cm) clutch and pressure plate
Instrumentation	Fuel and coolant temperature gauges. Hour meter. Oil pressure, glow plug and battery charge indicator lights. Tachometer and speedometer.
Alternator	60 amp with electronic regulator
Tires	Front: 20” x 9” - 12, 6-ply rating, turf tread Rear: 24” x 12” - 12, 6-ply rating, turf tread
Cooling System	Aluminum radiator with 10 fins per inch dual pass. Right side mounted with removable screen for debris cleaning. Thermal controlled DC electric fan.
Air Cleaner	Remote mounted, heavy-duty 2-stage air cleaner with evacuator valve.
Clearance Circle	Inside = 32 in (81 cm); Outside = 194 in (493 cm)
Fuel Capacity	6.5 gallon (24.6 liter)
Fuel Pump	Mechanical pump
Fuel Filter	Combination fuel filter / water separator with a 30 micron filtration and 50 mesh suction screen in tank.
Vehicle weight	1956 lbs (889 kg)
Total Capacity	2894 lbs
Cargo Bed Capacity	2494 lbs (1134 kg)
Front Suspension	Independent system with dual “A” frame control arms, dual coil springs and dual shock absorbers with anti-sway bar. Provides 5 3/4” travel.
Rear Suspension	DeDion rear axle (weight carrying axle) suspension independent of transaxle with dual leaf springs and dual shock absorbers. Provides 3” travel.
Battery	12-volt, group 26, with 540 cold cranking amps at 0 degrees F (-18 degrees C).
Transmission	Rear transaxle directly connected to engine, twin axle drive. 3-speed synchromesh (forward speeds only), h-shift pattern with high-low range providing 6 forward speeds and 2 in reverse. Transmission housing doubles

	as hydraulic reservoir with outlet screen and external filter.
3rd High Lockout	Interlock key switch that prevents engine from running in 3rd gear, high range.
Differential Lock	Manual engage rear differential lock.
Frame	Steel space frame front frame and C-channel rear frame.
Steering	Hydraulic power steering with steering valve coupled to hydraulic cylinder with thru shaft. Maximum steering angle is 70 degrees
2-Post ROPS	2-post rollover protective structure and protective back panel bolted to ROPS.
Brakes	4-wheel hydraulic disk brake system. 9 1/2" disk with hydraulic service brakes using twin piston fix mount calipers. Parking brake uses mechanical cable actuated caliper on rear wheels
Lights	Twin halogen headlights and dual taillights actuated by switch on dash. Dual brake lights actuated by brake pedal
Seat Belts / Seats	Lap seat belts standard. Bucket seats with adjustable slides to allow for various seat positions. Hip restraint tubes welded to seat mounting straps
Controls	Throttle, brake and clutch pedals. Gear shifter, differential lock, parking brake, high-low range shifter and hydraulic lift levers.
Interlock	To start engine, clutch pedal must be depressed and remote hydraulic lever must be in neutral position. If installed, high flow hydraulics and rear PTO must be disengaged / switched off.
Safety Support	7-gauge steel channel stores behind seat and fits over extended lift cylinder to prevent accidental lowering of bed.
Ground Clearance	7" (18 cm) with no load.
Rear Tow Hitch	Steel hitch bracket bolted to rear DeDion axle. Mounting plate provides mounting hole for pin or ball hitch and incorporates two safety chain mounting holes. Maximum tongue weight of 600 lbs (272 kg). Maximum trailer weight of 3500 lbs (1587 kg). Trailers over 1500 lbs. require trailer brakes
Ground Speed	Forward speeds: High range- 7.6/11.5/19.8 mph Low range- 2.9/4.5/7.7 mph Reverse speeds: High range- 7.1 mph Low range- 2.8 mph
Dimensions	130 in. Length, 64.7 in. width, 75.8 in. height.
Certifications	Certified to meet SAE J2258. Certified to meet ISO/DIS 21299 for ROPS. Engine meets all applicable emission standards per the manufacturer. Certified to meet the CE Machinery Directive.

Hydraulics	4 gpm gear pump provides hydraulic flow for power steering and lift in series. Lift control valve with quick disconnects for dual lift cylinders or for attachments when quick disconnects are switched. 8 quart total capacity. High flow hydraulics kit providing 8 GPM in a separate circuit installed.
Accessories	Pro Sweep Attachment- two wheel sweeper with 25 cu. ft. high dump hopper capable of dumping into the bed of another utility vehicle; sweeping width of 52” and a 14” hydraulically-driven brush; wireless remote control. High flow hydraulics kit providing 8 GPM in a separate circuit. Engine cover kit with shield device that covers alternator and belt.
Keys	4 Sets of keys
Spare Parts	Unit to come with (1) each of all filters on machine
Manuals	Parts, service and operator’s manual to be included.
Warranty	Two-year limited warranty.
Quantity	One (1)
Deliver to:	Thompson Park Equipment Services Division 805 Newman Springs Rd Lincroft, NJ 07738 Attn: Area 434
Note:	For vendor reference purposes only: The unit specified shall be comparable to a TORO WORKMAN HD-X (07368) diesel utility vehicle with PRO SWEEP ATTACHMENT (07066), HIGH FLOW HYDRAULICS KIT (07316), and ENGINE COVER KIT (117-4867).

ITEM #24 – GREENSMOWER I - WALK - (GAS)

Engine:	GX-120, gasoline
Generator:	1.3 HP continuous; 48 VDC Brushless
Sound Power Level:	88 dBA
Fuel Capacity:	.66 Gal
Traction and Differential:	1.3 HP Drive Motor ; continuous brushless DC, traction drive via Synchronous belt, full automotive differential type housed in traction drum
Brakes:	Lever actuated hub brake with parking lock
Transport Wheels:	Pneumatic 11”x4”
Mowing Speed:	Electronically controlled / 3.8mph max
Reels and Blades:	Reel bearings are spring loaded w/tapered roller, reel diameter 5”, 11 bladed reel with 22” width made of hardened high manganese Carbon steel, electronically controlled reel speed / 2,200 RPM Max, harden steel bedknives.
Weight and Dimensions:	252 lbs. / 22” width
Certification:	Certified to meet ANSI specification B71.4-1984, and applicable Federal and State OSHA regulations based thereon. The manufacturer of the equipment in this bid must be ISO 9000 certified at the original point of production.
Warranty:	Two year limited warranty.
Manuals:	Parts, service, and operators manuals to be included.
Quantity:	One (1)

Delivery: Thompson Park – Equipment Services Division
Newman Springs Road,
Lincroft, N.J. 07738
Attn: Area # 421

Note: **For vendor reference purposes only: The unit specified shall be comparable to a Jacobsen Eclipse 2 Walking Greens Mower**

ITEM #25 - WALK-BEHIND MOWER II -WITH BAGGER AND SULKY WHEELS (GAS)

ENGINE: 14.5 hp Kawasaki, gasoline

FUEL
CAPACITY: 5 Gallons

HEIGHT
OF CUT: 1" to 4-1/2" (2.25 vcm-11.4 cm) quick change

STARTER: Recoil

DRIVE
SYSTEM: 5 speed transmission w/9 spline coupler

ADJUSTABLE
DISCHARGE: Standard

BLADE
ENGAGEMENT: Electric clutch

BLADE TIP
SPEED: 18,000 + ft/min.

BRAKE
SYSTEM: 6" Band Brakes

CASTER
TIRES: 9" x 3.50 -4" flat free semi -pneumatic

DECK
DESIGN: 48" 7-Gauge Turbo Force

DISCHARGE
CHUTE: Reinforced rubber

DRIVE
TIRES: 13" x 6.5 - 6"

GROUND
SPEED: 6.2 mph (10 km/h) fwd; reverse assist

SPINDLE
HOUSING: 9-3/8" (24 cm) diameter cast iron

* BAGGER KIT Designed for Mower
 Include all parts for installation

*SULKY WHEEL KIT:

 Designed for Mower
 Include all parts for installation

STEERING
CONTROLS: Pistol Grip

KEYS: Unit shall come with four (4) keys (if applicable to mower)

SPARE
PARTS: Unit shall come with two (2) additional sets of mower blades. Unit
 to also come with one of each - (Inner air, outer air, primary fuel,
 secondary fuel, transmission, engine oil and hydraulic, if
 applicable to specified unit).

QUANTITY: One (1) mower

MANUALS: (2) Operators, (1) Parts & (1) Service

DELIVERY: Thompson Park – Equipment Services Division
 805 Newman Springs Rd.
 Lincroft, NJ 07738
 Area: #417

NOTE: **For reference purposes only:**
 The unit shall be comparable to a Toro Pistol Grip Mower,
 Model 30638 with Bagger Kit and Sulky Wheels.

ITEM#26 - GREENS MOWER III- 26' WALK WITH GROOMERS - (GAS)

Power Source:	Gas
Engine:	Subaru, heavy duty industrial, 4-cycle, 4.3 hp, air-cooled OHV gasoline engine, 7.7 CI, cast iron cylinder sleeve. Electronic ignition. Noise suppression muffler. Fuel capacity 2.85 quarts. Meets CARB requirements.
Traction Drive:	Engine to countershaft drive: (2) A-section V-belts. Countershaft to differential: 5mm pitch timing belt Differential to drum: 8mm pitch timing belt. Mowing Speed: 1.5 mph to 3.3 mph Transport Speed: 5.0 mph max.
Differential:	Peerless Series 100
Clutches:	Traction: belt idler. Reel: Jaw type.
Brake:	Band type service/ parking brake with control lever.
Traction Drum:	Dual, cast aluminum, 7.5" diameter, split with differential for easy turning, minimal scuffing and true straight line tracking.
Controls:	Recoil starter, choke, on/ off, fingertip throttle lever, forward throw traction engage lever, service/ parking brake lever, reel drive engage lever. Neutral interlock, safety switch
Handle:	Full width 1" diameter loop style handle that accommodates different height operators with optimized comfort ranges without adjustment.
Reel Construction:	5" diameter, with 8 high carbon steel blades welded to 6 stamped steel spiders. 26" width of cut. Height of cut range: 1/8" to 1 1/4". Frequency of clip .23". Dual screw "click" adjustment of bedknife to reel.
Front Roller:	2.5" diameter Wiehle, aluminum
Grooming Reel:	A full width grooming reel kit shall be supplied to install between the cutting unit front roller and reel. It shall incorporate a no tools clutch to provide cog belt drive from the reel and offer engage and disengage. The entire reel may be pivoted without tools upwards out of the turf when in disengaged position. The grooming reel will be hand adjusted in .007" increments. The grooming reel will

be constructed of spring steel blades spaced at ¼” intervals and measuring 2.125” diameter and .028” thick.

Grass Basket: Molded polyethylene, baffled and vented for high efficiency collection.

Transport Wheels and Kickstand:

Two quick detachable pneumatic tires, 3.00/3.25 x 6, able to be put on either left or right side. Full width kickstand.

Dry Weight: 232 lbs.

Option: Light Kit

Certification: Certified to meet ANSI specification B71.4-2004, and applicable Federal and State OSHA regulations based therein. The manufacturer of the equipment in this bid must be ISO 9000 certified at the original point of production.

Keys Unit to come with four (4) keys (if equipped)

Spare Parts Where spare filters are available, one (1) additional set will be provided with unit. (Inner air, outer air, primary fuel, secondary fuel, transmission, engine oil and hydraulic, if applicable to specified unit).

Vehicle Warranty: 2 year limited

Manuals: (2) Operator, (1) each Parts & Service

Quantity: (1)

Delivery: Thompson Park - Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 077389
Attn. Area - #410

Note: **For Reference Purposes Only:**
This unit shall be comparable to a Toro Greensmaster 1600

ITEM #27 - MOWER IV - TRIPLEX 11-BLADE REEL (GAS)

- Power Source:** Gas
- Engine:** 18 hp Vanguard, V-twin cylinder, overhead valve, governed to 2,850rpm high idle, gasoline powered, with spin-on oil filter, full pressure lubrication, dual element air cleaner, cast iron cylinder sleeves. Engine is mounted in focused, tri-mount design for reduced vibration and noise. 7 gallon fuel capacity.
- Drive Train:** Hydrostatic, piston pump closed loop system. Front wheel orbit motors. Single foot pedal controls forward/ reverse direction. Braking through transmission. Independent parking brake. Transmission mow, neutral, transport.
- Leak Detection System:**
- Manufacturer installed Turf Guardian, integral hydraulic oil leak detection system detects loss of as little as five ounces of hydraulic oil and sounds an alarm. Automatically rests when ignition is shut off.
- Steering:** Full power steering with round automotive steering wheel, infinitely adjustable steering column and adjustable wheel tilt for operator comfort.
- Reel Control:** Single mow/lift joystick for ease of operation. Reel drives are automatically disengaged when reels are raised. Hydraulic implement drive; one gear pump section powers three reel motors in series. Manifold block with cartridge valves control flow, electrical on/off.
- Electrical:** 12 volt system, 300 CCA battery, 16 amp alternator, solid state voltage regulator. Hour and amp meters are standard. Seat switch. Harness terminals and fuse slot available for optional light installation.
- Reel Drive:** Each reel to be powered by a gear-type hydraulic motor, with quick-disconnect for removal and installation onto cutting unit, spiker, or thatcher. Reel drive to include backlapping kit and variable speed control kit.
- Turf Compaction:** To be 8 to 10 psi with operator and cutting units down.

- Cutting Units:** All cutting units to be identical (no right/lefts), and interchangeable with existing traction units in inventory. Cutting units to be pulled by the traction unit frame, not pushed. Frame is precision machined, die cast aluminum cross member with two bolt on die cast aluminum side plates. Bedknife is adjusted by dual screw, indexed click adjustment to the reel; etents corresponding positively to .0007" bedknife movement for each position. Aggressiveness will remain constant throughout the life of the reel. Cutting height is adjusted on front roller by two vertical screws and held by two locking cap screws. Bench HOC range is .062 - .297". Reels are 5" in diameter, 21" in length, 11 blade construction. High carbon steel blades are welded to 5 stamped steel spiders, and heat-treated to FC 48-54 hardness. The reel weldment shaft is a 1.375" diameter tube with drive inserts permanently pressed in both ends. A replaceable floating coupler with an internal eight-toothed spline is factory installed on the right end and held in place with a snap ring. Replaceable single edged, high carbon steel bedknife austempered to RC 48-55, fastened to a machined cast iron bedbar with 13 screws. Front aluminum Wichle 2.5" diameter with sealed bearings and through shaft. Full rear steel 2" diameter with sealed bearings and through shaft. Non-adjustable grass shield with adjustable cut off bar to improve grass discharge from reel in wet conditions. Powered rear roller brushes.
- Grooming Reel:** A full width grooming reel shall be installed between the cutting unit front roller and reel. It shall incorporate a no tools clutch to provide cog belt drive from the reel and offer engage and disengage. The grooming reel will not interfere with either the front roller or main reel. The operating height of the grooming reel will be hand adjusted in .007" increments. The grooming reel will be constructed of 76 spring steel blades spaced at 1/4" intervals and measuring 2.125" diameter and .028" thick.
- Baskets:** To be suspended from the carrier unit frames which are ground following and not by the cutting unit. Cutting unit floatation is unaffected by grass basket content. Aerodynamic baffles deposit clippings evenly in the basket, reducing blow-by. Baskets are accessible from the front of the machine.
- Noise Level:** To be 83 dBA maximum at operator ear in normal operating conditions.
- Training Video:** SOP training video to be supplied.

Option: Light Kit

Keys Unit to come with four (4) keys

Spare Parts Where spare filters are available, one (1) additional set will be provided with unit. (Inner air, outer air, primary fuel, secondary fuel, transmission, engine oil and hydraulic, if applicable to specified unit).

Vehicle Warranty: 2 year limited

Manuals: (2) Operator, (1) each Parts & Service

Quantity: (1)

Delivery: Thompson Park - Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn. Area - #410

Note: **For Reference Purposes Only:**
This unit shall be comparable to a
Toro Greensmaster 3150

ITEM #28 - MOWER V – (DIESEL)

- INTENT:** To furnish and deliver a new current production two wheel drive high capacity **ZERO TURN** commercial riding mower with the capabilities of having multiple attachments.
- ENGINE:** Kubota three cylinder liquid cooled turbo diesel engine, 35 hp governed to 31.5 hp @3,000 rpm. Remote mounted air cleaner, external spin on oil filter. With a 12 volt system with 40 amp alternator, 690 cca battery, and a fuel capacity of 11.5 gallons.
- DRIVE TRAIN:** Bell housing attaches directly to engine and incorporates both PTO and traction transmission.
- TRACTION DRIVE:** Transmission includes two independent closed loop circuits. One pump/motor controls left side forward/neutral/reverse, the second controls right side forward/neutral/reverse. Pumps are variable displacement piston type with slippers and full stroke capacity of 18 cc/rev. Wheel drive is by high torque, low speed wheel motors with 310 cc displacement. Control levers are mechanically adjustable to limit maximum speed and include high performance dampers.
- PTO DRIVE:** Enclosed within transmission bell housing. PTO clutch is electric clutch deck engagement. Splined PTO driveshaft with universals to transfer power to front mounted attachments.
- BRAKING:** Dynamic braking through hydrostatic transmission. Parking brake operates by hand actuated brake lever with two 10.25” diameter disc brakes mounted on the rear wheel motors.
- INSTRUMENTATION:**
Hour meter, glow plug indicator, high temperature indicator, oil pressure indicator, alternator indicator.
- INTERLOCKS:** Traction neutral, operator presence, parking brake, PTO on, auxiliary hydraulics on, high temperature shuts down PTO and over temperature shuts down engine. Unit shall have safety logic controls.
- TIRES:** Drive - two 24 x 12-12, 6 ply pneumatic
Front Caster - two 15 x 6-6, 4 ply pneumatic, ribbed tread on greaseable bearings.

SEAT: Two piece seat with high back cushion, drain hole, deluxe low profile suspension, 4" fore/aft travel. Adjustable armrests and retractable seat belt, built in cup holder and storage compartment reachable from seat.

DIMENSIONS: Length - 95"
Width - 77" with 72" deck
Height - 72" with ROPS in up position
Wheelbase - 57"
Weight - 1,900 lbs.

TRANSPORT SPEED: Forward 0-12 mph, infinitely variable. Reverse 0-8.5 mph, infinitely variable.

CUTTING SYSTEM: Traction unit shall interchangeably accept 62" Recycling Cutting Unit, 72" Recycling Cutting Unit or 72" Side Discharge Cutting Unit. 72" Side Discharge Cutting Unit to be supplied as standard deck.

MISCELLANEOUS: Four tie downs, one on each corner of machine. Two post foldable ROPS certified per OSHA 1928.52 specification. Two year manufacturer warranty.

72" SIDE DISCHARGE CUTTING UNIT:

- Height of cut: 1" - 6" adjustable in 1/4" increments can cut at transport height of 6.5".
- Construction: 7 gauge steel, 5.5" deep, welded construction. Replaceable bolt on polymeric skid. 5/16" thick flexible rubber discharge chute.
- Drive: Splined PTO drives gearbox transferring power to three separate spindles via two separate belts. Spring loaded torsion idler. All spindles have 1.25" diameter shafts mounted in 9" conical housing with two greasable tapered roller bearings. 18,000 fpm blade tip speed.
- Blades: Three 25.18" long, 1/4" thick, 2.5" wide. Heat treated steel. Anti scalp cup on each blade spindle.
- Deck suspension: Rigid front frame which supports deck via 4 vertically suspended chains. Front drag links provide for/aft and left/right stability. Hydraulic lift. Capable of climbing 8" curbs.
- Safety Certification: Cutting unit meets specification of European standard prEN836, CE approved

RECYCLER KIT: Unit to come with recycler kit loose, not installed

JACKSTAND: (1) jack stand shall be supplied with unit which raises mower approximately 18" (45.7 cm) to access the underside of mower deck for blade changes or cleanings

SPARE PARTS: Unit shall come with (2) additional sets of 3 mower blades, and (1) engine oil filter, (1) fuel filter, (1) hydraulic filter and (1) air filter.

FUTURE OPTIONS/ CAPABILITIES:

Rear Mount Tool System: Traction unit is capable of mounting at any time a quick attach system comprised of A frame for rapidly attaching and removing accessories. Rear mount quick attach hydraulic system for powered accessories. Available accessories may be added at any time and include; debris blower, finish grader, tooth rake, drag mat with steel or coco mats.

Front Mount Attachment System: May be added at any time track system converts the traction unit into a snow removal machine complete with two rubber tracks and a climate control cab.

- Track System: Track system interchanges with standard drive tires and provides one drive wheel per side and two bogey wheels mounted to a walking axle that permits motion without losing track tension. Track is made of rubber compound designed to maintain traction on slick ice covered ground. Ground speed is approximately 8 mph.
- Attachment System: Consists of a quick A-frame mount on a hydraulically powered lift arm. PTO coupler to attachment is a quick connect as are the connections for the hydraulic connectors. Attachment controls consist of two foot pedals in cab floor pan. One pedal controls the lift and lower of the attachment. The other pedal controls either the rotation of the snow blower chute or the angular position of both the rotary broom and straight blade.
- Cab: Air pressurized and includes the following features: hot water heater with fan/defroster, heavy-duty pantograph front windshield wiper, molded front fenders, tinted glass, glass right side window opens and may act as emergency exit, full glass rear window, rubber isolation cab mounts, upholstered interior panels and headliner, textured neoprene floor mat. Cab is OSHA 1928.52 certified ROPS. Tubular steel frame. Strobe light, front and rear work lights.
- Available Attachments for future capabilities:
 - 53" two stage PTO drive snow blower with hydraulic chute rotation
 - 60" rotary broom with hydraulic angle
 - 60" straight plow with hydraulic angle
 - 48" V-plow

KEYS: Unit shall be supplied with four (4) keys

WARRANTY: Two year manufacturer warranty on unit

MANUALS: (2) Operator, (1) Parts & Service

QUANTITY: One (1)

DELIVERY: Thompson Park - Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
ATTN: Area - #414

**NOTE: For reference purposes only:
The unit shall be comparable to a Toro Groundsmaster 7210**

ITEM #29 – MOWER VI - (DIESEL)

ENGINE:	Model – Cummins QSB3.3 Fuel – Diesel. Biodiesel compatible up to B20 Type – 4 cylinder, turbocharged, intercooled Horsepower @RPM – 99* @2630 (73.8 kW) Torque@rpm (lb.-ft.) – 306 @1600 (415 N·m) Displacement – 199 cu. in. (3.3 L) Fuel Injection – Electronic high-pressure common rail Service Interval – 250 hours Starting Aid – Intake air heater Emissions – Tier 3 & 4 certified
SIZE/WEIGHT:	Weight – 5,966 lbs. (2,706 kg) Wheelbase – 76 in (194 cm) Length – 175 in. (445 cm) Mow Width – 192 in (488 cm) Transport Width – 99 in (251 cm) Height – 89 in (226 cm) Ground Clearance – 9.5 in (24 cm)
POWERTRAIN:	4 Wheel Drive – Parallel hydrostatic, closed loop Traction Drive Pump – Variable displacement piston, servo-control. Front Drive – Planetary gear type, double reduction Rear Drive – High torque, low speed hydraulic motors Traction Assist – Front and rear hydraulic flow divider, steering brakes
TIRES:	Front – 29 x 12.50-15, 10 ply Rear – 23 x 10.50-12, 6-ply
COOLING SYSTEM:	Fan – SmartCool System – variable speed, temperature actuated reversing fan Intake – Top and rear Layout – Rear Oil Cooler – Tilts out for service access Radiator – Cross flow, 4 row Intercooler – Cools air from turbo for improved power, fuel economy and emissions control

INSTRUMENTATION:	Onboard LCD display shows gauges, alerts/faults, service reminders, and electrical system diagnostics. Indicates fuel level, coolant temp, intake temperature, low oil pressure, alternator, engine hours, engine rpm, hydraulic oil temperature, voltage
SAFETY:	Certification – ANSI B71.4-2004 Lights – Headlights Red and amber flashers Turn Signals Tail Lights Brake Lights SMV Sign – Rear Mounted
CAPACITIES:	Fuel – 35 gallon Hydraulic – 19 gallon (72L) Engine Oil – 8.5 qt (8 L) w/filter Coolant – 13.5 qt (12.8 L)
CUTTING DECKS:	Type – Three rear discharge rotary Cutting Width – 16 ft. (488 cm) Height of Cut – 1-6” 0.5” increments Construction – 11/12 gauge High Strength Steel 7-gauge, reinforcements Bull nose bumper Protection - Wing decks: 2-way shock absorption Deck Drive - Hybrid Drive – Hydraulic motor to spindle, remaining spindle(s), driver by “B” section v-belts. Tensioning - Automatic, spring loaded idlers Spindles Shaft – 1.25” (3.2 cm) hardened steel Spindle Housing – 9” (22.9 cm) ductile iron Spindle Bearings – Greasable tapered roller Standard Blades – 20 in (50.8 cm), heat-treated steel blades Skids – Reversible polymeric
OPERATOR STATION:	Operator Platform – Isolated, rubber mounted Seat – 4-way adjustable Suspension – Air-ride with 3 in. (7.6 cm) of adjustability Steering – Power, adjustable tilt Traction Pedal – Adjustable angle, uses position sensor Storage – Toolbox, cup holder, radio holder, phone holder, and behind seat (area for cooler, trash bucket, etc.) ROPS – ISO 21299 Certified with seatbelt, canopy 12 Volt Power Outlet – Standard

CONTROLS:	Control Arm – Right armrest, travels with seat and suspension Deck Lift/Lower – Electrohydraulic switches Throttle – Electronic, 3 position or variable Traction Pedal – Electronic Brakes – Internal wet disc Steering – Hydrostatic, load sensing Other – High/low range, PTO, cruise control, hydraulic flow divider, lights, key switch
PERFORMANCE:	Sound level 92 dBA
PRODUCTIVITY:	Maximum Mow Rate – 20.7 acres/hr. (8.4 ha) Typical Mow Rate – 9.6 acres/hr. (3.9 ha) Mowing Speed – Forward 0-10.8 mph (17.4 km/h), Reverse 0.5-7 mph (9.2 km/h) Transport Speed – Forward 0-20 mph (32.3 km/h) Reverse 0-10.5 mph (16.9 km/h) Speed Control – Electronic, limits max speed
STEERING:	Uncut circle – 0 in. diameter Turning Radius – 86 in. (218 cm)
FUEL ECONOMY:	Acres Per Gallon – 4.3 Mowing Range - 15.8 hours Fuel Consumption – 2.22 Gal/Hr (8.4 L/Hr)
ACCESSORIES:	One (1) complete set of extra standard mowing blades, Additional Filters – (1) Engine, (1) Fuel, (1) Hydraulic, (1) Air Inner, (1) Air Outer, (11) each of all filters on machine), (1) Transmission
KEYS:	4 Sets of keys
QUANTITY:	One (1)
MANUALS:	(2) Operator and one each Parts/Service
WARRANTY:	2 year warranty

DELIVERY: Thompson Park - Equipment Services Division
805 Newman Springs Rd.
Lincroft, NJ 07738
Attn: Area - #434 N

NOTE: For vendor reference purposes only, the unit specified is comparable to a: Year 2013 Toro Groundsmaster 5900 Mower.

ITEM #30 - MOWER VII - (DIESEL)

Engine:	Yanmar 4-cylinder liquid cooled, turbo-charged diesel
Power:	55 hp (41.1kw) gross power at rated speed of 2700 rpm.
Torque peak:	125 ft-lbs. (169nm) @ 2000 rpm
Displacement:	127 cu. In. (2.1 liters). Epa Tier IV Final Compliant
Air Cleaner:	Dry, replaceable primary and safety elements
Radiator:	Rear-mount, single pass, 7-row, 6.3 fins per inch, 13 quart (12.3 liters) capacity
Fuel capacity:	22 gallons (83 liters) diesel fuel
Traction Drive:	Parallel hydrostatic, closed loop system with full time 4WD (2WD in transport) forward/reverse in low (mow) and high transport range with optional full-time automatic traction (forward only) (Model 30876). Variable displacement piston pump with electronic servo control powers dual speed displacement piston motor drive into double reduction planetary in front, and mechanical axle In rear. Smart Power feature controls traction speed to maintain optimal cutting blade speed.
Hydraulics/:	8.25 gallon (31.3 liters) capacity with 10 micron remote spin-on filter, 9 row single pass cooler with tilt out for cleaning. Variable speed hydraulic fan drive with automatic (based on coolant and oil temps) and manual reversing capabilities.
Diagnostics:	Diagnostics pressure test port: forward and reverse traction Deck circuit 1 & 2, reverse 4WD, lift, steering, traction Charge, and counter balance.
Ground Speed:	Transport 0-13 mph (0-21kwh) forward, 0-6.2mph (0-10knh) reverse Mow 0-7mph(0-11.3kwh)forward, 0-3.5 mph (0-5.6kmh) reverse
Tires: Front:	29x14-15, 6 ply ultra trac tread.
Rear:	20x10-10, 4 ply multi-trac tread

Main Frame:	All welded formed steel frame with integral tie down anchors
Brakes:	Mechanically actuated, internal wet disc brakes on input to each planetary drive. Individual foot operated steering brake control of left and right wheel. Lock pedal together and latch to engage parking brake.
Seat:	Premium seat with adjustments for operator weight via air ride suspension, seat fore/aft position, seat back angle, arm rest height and retractable seat belt.
Steering:	Power steering with dedicating power source, tilt steering.
Instrumentation:	Mini Info Center System: on board LCD display shows gauges, alert/faults, service reminders, electrical system diagnostics. Indicates fuel level, coolant temperature, intake temperature, low oil pressure, alternator, engine hours, engine rpm, hydraulic oil temperature, and voltage.
Controls:	Ignition switch, throttle switch, mow/transport range selection switch, PTO switch, light switch, foot operated traction pedal, individual foot operated steering brake control of left and right wheels with parking brake lock. One 2 position switch (GM 4500-D).
Electrical:	12 volt, 650 cold cranking amps battery, 40 amp alternator. Overload protection with automotive type fuses.
Interlocks:	Prevents engine from starting unless traction pedal is in neutral and deck is disengaged. If operator leaves seat with deck engaged, engine stops. Mowing only permitted in low range. Engine stops if parking brake engaged and traction pedal not in neutral.
Operation Area:	Beverage holder, radio holder, 12 volt power point, storage box (tools, jackets, golf balls, etc.) seatbelt.
Work Light:	Standard
ROPS:	2 post standard
Dimensions:	Overall length, w/decks down 145.8" (370cm) Overall width, lowered/raised 112.8" (286cm)3"(224cm) Height w/2post ROPS 85" (216cm) Wheelbase 67.5" (172cm)

	Track Width, front/rear 88.3" (224cm) 55.5" (141cm) Ground clearance 6" (15.3cm)
Weight:	4400lbs (1995kg) with full fluids
Safety:	Complies with American National Standards Institute (ANSI B71.4-2004) and applicable CE (machine directive 89/393, 93/44, 84/538, 89/336) requirements
Warranty:	Two year limited. (model 30876)
Accessories:	Atomic mulching blades (107-0235-03)
Type:	Five Contour Plus 27" (68.6cm), rear discharge rotary cutting units w/rear rollers
Width of Cut:	109" (277cm), overlap 6.5" (16.5cm) overhang 10.4" (26.4 cm).
Height of Cut:	.75"-4" (1.9-10.2cm) in >25" (.6cm) increments
Construction:	10-gauge steel constructed chambers with 12-gauge welded reinforcements. 1.5" (3.8cm) square x .25" (.6cm) wall tube with 7-gauge side supports. Spindle support 3/16" (.48cm) high strength steel and 10-gauged exterior channels.
Spindle Assembly:	Ductile cast iron spindle housing. Dual greaseable tapered roller bearings. 1.25" (3.2cm) diameter solid cold finished steel spindle shaft. Splined connection between spindle shaft and pulley Welded blade retainer plus anti scrap cups
Ground Following:	6" (15.3cm) anti scalp cups on each blade. On each deck; two 5" (12.7cm) diameter front rollers, one 3" (7.6cm) diameter rear roller.
Blade:	27: (68.8cm) long, 2.5" (6.4cm) wide, .25" (.64cm) thick.
Keys:	(4) Sets
Spare Parts:	Unit to come with (2) additional sets of blades. Unit to also come with (1) each of all filters on machine.
Manuals:	(2) Operator and (1) each Parts and Service
Quantity:	One (1) mower with accessories as specified

Delivery: Thompson Park – Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
ATTN: Area - #416

**NOTE: For reference Purposes Only:
This unit shall be comparable to a Toro
Groundsmaster 4500-D**

ITEM #31 - MOWER VIII – (ROTARY, WIDE AREA) DIESEL

This specification describes a high capacity rotary mower with on-demand four-wheel drive and five independent mower decks.

Engine: Tier IV interim Kubota 60 hp 4-cylinder liquid-cooled diesel engine, 2.4 liter displacement. Engine governed to 56 net hp at operating speed of 2,600 RPM. Produces 117 ft-lbs of torque at 2,600 RPM. Glow plug system. Heavy duty, 2-stage remote air cleaner. Rear-mounted, cross-flow type radiator, 7 row with 5 fins/inch. “Smart Fan” hydraulic variable and reversing cooling fan disperses chaff build up on radiator screens. Fan will automatically reverse if engine coolant temperature exceeds 95°C or hydraulic oil temperature exceeds 100°C. The operator may also manually engage the reversing function of the fan. Air-to-oil cooler, mounted to rear of radiator, tips outward for cleaning. Removable oil cooler/radiator screen, large hood mounted screened air intake. Replaceable spin-on fuel filter/ water separator. Fuel capacity 21 gallons. Audible alarm for high engine temperature or low oil pressure. Noise level at operators location 90 decibels or less. Engine will be biodiesel capable to BD20.

Traction Drive:

Full time bi-directional four-wheel drive while mowing. Traction system consists of hydrostatic closed loop with piston motors driving planetary wheel drives at front axle, with parallel hydraulic flow to piston motor driving mechanical rear axle. Parallel flow provides four wheel traction without scuffing in turns and trimming. Hydraulic circuit and valving design maximizes forward and reverse traction. Two wheel drive during transport.

Brakes: Dual pedal, mechanically actuated, internal wet disc brake on input to each planetary drive.

Steering: Automotive-type full power steering. Steering wheel tilts to desired operator position. Dedicated power source.

Controls: Tilt steering, ignition switch, throttle, foot operated traction pedal, mow/transport switch, lockable individual brake pedals, park brake lock, deck lift/lower levers, tow valves. Deck quick raise to cross cut position. Centralized control arm location of controls.

Gauges and Diagnostics:

Hour meter, fuel gauge, engine temperature gauge, indicator lights for high temperature, oil pressure and glow plugs. Audible alarm for low oil pressure or high coolant temperature. Shutdown for coolant temperature.

Cutting Unit Design:

Five independent Contour Plus 27" rear discharge rotary cutting units. Each cutting unit is individually hydraulically powered and will float independently over ground contours. Overall width of cut is 109" with all five cutting units. 6.5" unit overlap, 30.9" overhang. Height of cut is .75" to 4" in .25" increments.

Cutting Unit Features:

10 gauge steel constructed chambers with 12 gauge steel welded reinforcements. 1.5" square x .25" wall tube with 7 gauge side supports. Spindle support 3/16" high strength steel and 10 gauge exterior channels. Ductile iron spindle housings with 1.25" diameter spindle shafts and 2 greasable, tapered roller bearings. 6" anti scalp cups on each blade. Each deck has two 5" diameter front rollers and one 3" diameter x full width rear roller, both front and rear include stainless steel bearings. Blades are 27" x 2.5". Conversion kit to mulching deck is available.

Miscellaneous:

Grammer air ride suspension seat with armrests. Two-post ROPS with seat belt. Heavy-duty air cleaner. Tool box, cup holder, 12-volt power outlet and radio holder. Work lights.

Warranty: Two years or 1500 operational hours, whichever comes first. Vendor to be responsible for transportation during warranty period.

Certification: Certified to meet ANSI specification BT1-4-1999 C-Tick, CSA and CE requirements. The manufacturer of the equipment in this bid must be ISO 9000 certified at the original point of production.

Mulching Kit:

Unit to come complete with a completion kit to turn rear discharge decks into a recycler - shipped loose.

Accessories: Additional Filters – (1) Engine, (1) Fuel, (1) Hydraulic, (1) Air Outer, plus (2) complete extra sets of blades

Quantity: One (1)

Keys: (4) Sets of keys

Manuals: (2) Operator and one each Parts/Service

Delivery: Thompson Park - Equipment Services Division
805 Newman Springs Rd.
Lincroft, NJ 07738
Attn: Area - #427

Note: **For vendor reference purposes only, the unit specified is comparable to a: Toro Groundsmaster 4500D Mower.**

ITEM #32 – MOWER IX – ROTARY ROUGH (DIESEL)

INTENT: To furnish and deliver a new current production two wheel drive diesel all purpose riding mower with air ride seat suspension and 72” rear discharge mower deck. Mower shall be equipped with a 28 HP liquid cooled Kubota diesel engine including set-up and delivery in accordance with the attached specifications.

STANDARD: Single pedal hydrostatic drive
Power steering
Tilt wheel
Abundant leg room
Ergonomic controls
Full instrumentation including hour meter
Electric PTO clutch and fuel gauge
Automatic shut down for high water temperature
Individual wheel brakes
12 Volt power outlet
Parking brake
Internal 11.3 gallon fuel tank
23 x 8.50 - 12 drive tires
Two-year warranty inclusive of parts, labor and transportation
72” Rear discharge deck with capability of conversion into Guardian Recycling cutting unit.
Industry tough spindle assembly with a massive 9” diameter base which absorbs impacts and distributes the load across the deck shell
Bull Nose Bumper - with unique design providing durability and minimizes blowout of grass and dust with leading edge raised ¼” so grass stands up straight for cleaner cut

ENGINE: Kubota, 3-cylinder, liquid cooled diesel engine, 28 gross horsepower, 26 net horsepower at a max governed speed of 2,600 rpm. Glow plugs, electric fuel pump, replaceable fuel filter/water separator with visible bowl, heavy duty remote mounted 5” Donaldson air cleaner, spark arrest muffler. 11.3 gal fuel capacity.

RADIATOR: Mid mount industrial radiator with tube and fin construction, 7 fins per inch. Positioned so to draw cool air around the operator. Stamped top and bottom tanks with hydraulic oil cooler in lower tank.

CONTROLS, GAUGES

& DIAGNOSTICS: Hand operated throttle, PTO, hydraulic implement lift, single foot controlled traction pedal for forward and reverse, brake lock, ignition switch, glow plug switch. Ammeter, hour meter, fuel gauge, 4 light warning cluster provides oil pressure, water temperature, amps and glow plug. High water temperature shut down. Hood lock.

ELECTRICAL

FEATURES: 530 CCA battery, 40 amp alternator, seat, PTO, brake and traction interlock safety switches. Easy access fuse panel.

TRACTION

DRIVE: Hydrostatic U-type transmission with single pedal control of forward/reverse ground speed. 25 micron replaceable filter. Axle serves as reservoir for hydrostatic transmission; also serves the power steering and lift valve. 6 quart capacity.

IMPLEMENT

DRIVE/LIFT: 1" PTO shaft clutched by a torque team HA section V-belt. PTO engaged by electric clutch/brake. Connection to implement is with a universal joint and telescoping shaft assembly. Twin 2.75" hydraulic cylinders operate lift arms.

STEERING: Hydraulic power steering. 14" tilt steering wheel releases and locks by a single lever control.

GROUND SPEED/CLEARANCE:

0-10 mph, infinitely variable. Front ground clearance of 6"

TIRES/WHEELS: Two front traction drive tires, 23 x 9.50 - 12, tubeless, 4 PR, on demountable, drop center rims. Two rear steering tires, 16 x 6.50 - 8 rib tread, 4PR.

BRAKES: Individual 7" x 1.75" drum type wheel brakes and parking brakes on front traction wheels, used together or individually for steering control or slope mowing. Dynamic braking through traction drive.

SEAT: High back air ride suspension seat, with arm rests.

MISCELLANEOUS:

Storage box, beverage holder, two 35# rear counter balance weights. Foldable 2-post ROPS with retractable seatbelt.

**WARRANTY &
CERTIFICATIONS:**

Two years, or 1500 operational hours. The manufacturer of the equipment in this bid must be ISO 9000 certified at the original point of production.

72" REAR DISCHARGE MOWER DECK:

TYPE: 72" Width of cut, three blade, front mounted rotary. Rear discharge with capability of conversion to Guardian Recycler. Mows up to 3.6 acres per hour at 5 mph, dependent on conditions.

TRIMMING ABILITY: Deck offset 5.25" to the left from centerline. Deck trim width from outside of standard traction tire to trim side- 17.4". 0" uncut circle with brakes.

HEIGHT OF CUT: 1" - 5", adjustable in .5" increments with spacers on the front caster shafts. Adjustable HOC links for rear of deck.

CONSTRUCTION: 7 Gauge steel, 4.25" deep, welded construction, quick release deck covers.

CUTTER DRIVE: Isolation mounted PTO driven gearbox with 1.25:1 spiral bevel gears. B section belt drive to all spindles. Ductile 9" cast iron spindle housing. 1.25" diameter spindle shafts turn on two greaseable tapered roller bearings. Splined connection between spindle shaft and pulley. Welded blade retainer.

BLADES: Three Atomic Mulching Blades 25" long, .25" thick, heat treated steel blades. Anti-scalp cup located on each blade.

SUSPENSION AND

CASTER WHEELS: Two front (8" x 3.5") pneumatic caster tires with tubes and maintenance free roller bearings. Caster tensioning caps formed from impact modified thermoplastic alloy. Five anti-scalp rollers. Adjustable and replaceable skid on trim side. Independent lift arms and hydraulic weight transfer provide deck floatation.

SPARE PARTS: Unit shall come with (2) additional sets of 3 mower blades and (1) engine oil filter, (1) fuel filter, (1) hydraulic filter, and (1) air filter.

RECYCLER: Completion kit to turn rear discharge deck into a recycler deck is to come with machine loose.

KEYS: Unit to come with four (4) sets of keys

MANUALS: (2) Operators and (1) each Parts and Service

QUANTITY: Three (3)

DELIVERY: Thompson Park Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn: Area # 407, #421, #439

NOTE: **For reference purposes only:**
The unit shall be comparable to a Toro Groundsmaster 3280D,
2 Wheel Drive Mower with 72" Rear Discharge Deck (Model
30369)

ITEM #33 – MOWER X - 100” ARTICULATING ROUGH (DIESEL)

Power Source:	Diesel
Engine:	Tier IV Interim compliant, Kubota, three cylinder liquid cooled diesel engine, 35 hp governed to 31.5 hp @ 3,000 rpm. Remote mounted Donaldson air cleaner, external spin on oil filter. 12 volt system with 40 amp alternator, 690cca battery. Fuel capacity – 11.5 gals.
Drive Train:	Bell housing attaches directly to engine and incorporates both PTO and traction transmission.
Traction Drive:	Transmission includes two independent closed loop circuits. One pump/ motor controls left side forward/ neutral/ reverse, the second controls right side forward/ neutral/ reverse. Pumps are variable displacement piston type with slippers and full stroke capacity of 18cc/rev. Wheel drive is by high torque, low speed wheel motors with 310cc displacement. Control levers are mechanically adjustable to limit maximum speed and include KYB high performance dampers.
PTO Drive:	Enclosed within transmission bell housing. PTO clutch is hydraulically actuated wet multi-disc clutch. Splined PTO driveshaft with universals transfers power to front mounted attachments.
Braking:	Dynamic braking through hydrostatic transmission. Parking brake operates by hand actuated brake lever with two 10.25” diameter disc brakes mounted on the rear wheel motors.
Instrumentation:	Hourmeter, glow plug indicator, high temperature indicator, oil pressure indicator, alternator indicator.
Interlocks:	Traction neutral, operator presence, parking brake, PTO on, auxiliary hydraulics on, high temperature shuts down PTO and over temperature shuts down engine. Standard SCM Safety Logic Controls.
Seat:	Two piece seat with high back cushion, drain hole, deluxe low profile suspension, 4” fore/ aft travel. Adjustable armrests and retractable seat belt, built in cup holder and storage compartment reachable from seat.

Dimensions:	Length: 95" Width: 77" with 100" deck Height: 72" with ROPS in up position Wheelbase: 57" Weight: 1,900lbs
Transport Speed:	Forward 0-12 mph, infinitely variable. Reverse 0-8.5 mph, infinitely variable.
Cutting System:	100" Lastec Articulating Rotary Deck Height of cut: 1.5" – 4.5" Construction: 5 front mounted, 21" fully articulating cutting units provide contour following and an overall 100" width of cut. Full rear discharge with mulching capability. 7 gauge steel with ½" reinforced steel leading edges. Two outer wings fold vertical for a transport width of 78".
Miscellaneous:	Four tie downs, one on each corner of machine. Tow post foldable ROPS certified per OSHA 1928.52 specifications.
Option:	Light Kit
Keys	Unit to come with four (4) keys
Spare Parts	Where spare filters are available, one (1) additional set will be provided with unit. (Inner air, outer air, primary fuel, secondary fuel, transmission, engine oil and hydraulic, if applicable to specified unit). Unit to also come with (2) additional sets of mower blades.
Mulching Kit:	Unit to come with a Completion Kit to turn machine into a mulching mower – shipped loose.
Vehicle Warranty:	2 year limited
Manuals:	(2) Operator, (1) each Parts & Service
Quantity:	(1)

Thompson Park – Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn. Area - #410

Note:

**For Reference Purposes Only:
This unit shall be comparable to a
Toro Groundsmaster 7210 with Lastec 100” Deck**

ITEM #34 - MOWER XI – FAIRWAY (DIESEL)

Engine: Kubota liquid cooled diesel engine produces 35.5 hp @ 3000 RPM. Pressurized lubrication system with 5 quart capacity. 12 volt electric fuel pump with replaceable fuel filter and water separator with visible bowl. High coolant temperature shutdown switch. Heavy duty three stage radial seal air cleaner with restriction indicator. 13.5 gallon fuel capacity. Bio diesel ready for use to B20.

Radiator: Rear mounted radiator with industrial tube and fin construction, 6 fins per inch. 7 quart capacity. Tilt out hydraulic oil cooler.

Electrical: 12 volt heavy duty electrical system, with 585 CCA maintenance battery. 40 amp alternator. Electronic control unit is a microprocessor based, solid state control unit with diagnostic capabilities. Safety interlocks include traction pedal, parking brake, operator presence in seat, and cutting unit engage/disengage safety interlock switches.

Traction Drive:

Front drive wheels are powered by a hydrostatic pump with individual wheel motors. Foot pedal control of forward/reverse ground speed with mechanical foot actuated mow speed limiter. 10 micron filter mounted directly on transmission housing. Ground speed 0-10 mph forward transport, 0-8 mph mowing, 0-4 mph reverse. Cross Trax all Wheel Drive System provides power transfer from the front drive wheels to the opposite rear wheel via independent rear wheel motors.

Tires/Wheels:

Two rear tires 20 x 12-10
Two front traction tires 26.5 x 14.00-12

Brakes: Individual drum type wheel brakes and parking brakes on front traction wheels. Brakes may be actuated for service braking via left foot pedal. Integrated foot pedal lock provides parking brake. Dynamic braking through hydrostatic traction drive system.

Gauges: Hour meter, fuel gauge, engine temperature gauge, warning lamp cluster: engine oil pressure, engine water temperature, battery voltage, glow plug, diagnostic indicator. High temperature safety shutoff.

Controls/: Foot operated traction and brake pedals. Hand operated throttle, Operator speed control lever, parking brake lock, ignition switch with station automatic preheat cycle, single joystick control for cutting unit on/off and lift/lower located in right hand pivoting control console. Weight adjustable suspension seat with arm rests, cup and radio holder.

Steering: Power steering with dedicated power source. Tilt steering wheel.

Diagnostics:

The Automatic Control Electronics (ACE) system allows precision timing and control of machine functions for maximum performance. Hand held diagnostic tool connect to electronic control unit to diagnose electrical system quickly and easily. Data Log System captures and records machine data is available for troubleshooting units with intermittent electrical or hydraulic problems. Data Log is connected to laptop PC for diagnosis at distributor location. Hand held diagnostic tool to be supplied with bid.

Routine service points are located on left side of the machine. Hinges in hood, operator platform and rear screen allow quick Access to engine, reel speed controls and radiator.

Reel Speed Control:

Reel drive circuit is split independently for front and rear cutting units. Hydraulic functions controlled by an integrated hydraulic control block. Reel speeds are manually adjustable in incremental settings. Frequency of clip variable by manual adjustment of reel speed from 200 – 1975 rpm.

Cutting Units:

Five (5) 22" 8 blade, 7" diameter reels. Precision manufactured cutting units include cast rear frame. Dual precision adjust (DPA) bedknife to reel. Hydraulically driven, Balanced cutting units with adjustable rear weight transfer spring. Cutting units feature quick disconnect for removal/installation. 100" total width of cut. Trailing design (pulled rather than pushed), for free floating in all directions.

All cutting units are interchangeable (no left/rights). Height of cut .25" to 1.0" standard, high height of cut to 1.5" available. EdgeMax bedknife utilizes a tool steel leading

edge to retain sharpness. Forward or rear throw capability.

Rollers: Front cutting rollers are 3” diameter deep groove Wiehle rollers.
Rear rollers are 3” diameter solid rollers. To include front and rear scrapers.

Backlapping:

On unit, electrically switch able, variable speed backlapping. Front three units once, rear two units together. No hoses to disconnect or change.

Certification:

Certified to meet ANSI spec B71.4-2004 and European Community specifications (CE certified). The manufacturer of the equipment in this bid must ISO 9000 certified at the original point of production.

Warranty: Two year limited warranty, parts and labor.

Keys: (4) Sets of keys

Manuals: (2) Operator and (1) each Parts & Service

Spare Parts: Unit to come with (1) each of all filters on machine

Quantity: One (1)

Delivery: Thompson Park – Equipment Services Division
805 Newman Springs Rd.
Lincroft, NJ 07738
ATTN: Area - #416

**NOTE: For Reference Purposes
Unit shall be comparable to a Toro Reelmaster
5510-D Fairway Mower**

ITEM #35 – MOWER XII – REEL (DIESEL)

Engine: Kubota diesel 4 cylinder 35.5 hp (26.5kw), diesel

Drive System: Hydrostatic w/wheel motors

Traction Drive: 2wd Standard

Transport Speed: 0-10 mph (0-16 km/h)

Mowing Speed: 0-8 mph (0-12.8 km/h)

Steering Type: Power isolated circuit

Front Tires: 26.5 x 14-12

Rear Tires: 20 x 12-10

Height: 63 in. (160cm)

Length: 111 in. (281.9cm)

Transport Width: 92 in. (233.7cm)

Overall Width: 116 in. (294.6cm)

Seat: Deluxe suspension

Fuel Tank Capacity: 13.5 US Gallons (51.1 Liters)

Weight: 2693 lbs. (1221 kg) 2wd

Ground Pressure: 10 psi

Controls

Forward/Reverse: Single pedal

Service/

Parking Brake: Dynamic through traction system, pedal with lock

Mow Speed Limiter: Foot activated lever

Cutting Units

Total Width of Cut: 100 in. (254 cm)

Reel Diameter: 7 in. (17.8 cm)

Number of Blades: 8 (per reel)

Height of Cut Range: 0.25 - 1.0 in. (6.4-25.4 mm)

Upper Height of Cut Limit: 2 in.(50.8 mm)

Accessory: Scraper Kit, 2 Post ROPS kit. Mounted light kit

Keys: Unit shall come with four (4) keys

Spare Parts: Unit shall come with one (1) each of all filters on machine. (Inner air, outer air, primary fuel, secondary fuel, transmission, engine oil and hydraulic, if applicable to specified unit).

Vehicle Warranty: 2 year limited

Manuals: (2) Operator, (1) each Parts & Service

Quantity: (1)

Delivery: Thompson Park - Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn: Area #- 444

Note: **For Reference Purposes Only:**
This unit shall be comparable to a Toro Reelmaster 5510

ITEM #36 - MOWER XIII- FAIRWAY REEL (DIESEL)

Engine: Kubota V1505E 4-cycle ,4-cylinder,liquid-cooled, Tier IV compliant low- emissions certified diesel

Rated HP: 35.5 HP @ 3,000 rpm

Displacement: 91.4 cu inch (1498cc)

Air Cleaner: Donaldson dry cartridge type with evacuator, valve and service indicator

Cooling and Lubrication Systems:

Fully sealed and pressurized

Fuel Capacity: 17 gal

Oil Filter: Full-flow replacement spin-on type

Electrical System:

12V starter, 40 amp alternator/regulator, full text diagnostics on LCD Screen

Speed: Programmable mow and transport speeds with cruise control. Mow Speed = 8mph , Transport = 12 mph, Reverse = 5 mph

Traction and Drive:

Variable displacement, electronically controlled hydrostatic drive, 3-Section gear pump with quick disconnect coupled reel motors, Solenoid controlled mow valve, 2WD unit

Reel Lift: Joystick control, one touch lift/lower control for all five reels

Hydraulic System:

14 gallon capacity, GreensCare biodegradable hydro-fluid, oil monitor, With low-oil alarm, hydraulic oil cooler/large volume, full-flow 10 micron filter

Tires,Brakes, And Steering:

Front tires = 26.5x14.0 tubeless, Back tires = 18x 9.50 tubeless. Dynamic brakes through traction system, Automatic wet park brake Integrated in front wheel motors, Rear wheel, hydrostatic power Steering

Cutting Units: 7-blade cutting units with Flash Attach reel motors, 5" diameter reels, (5) total cutting units on the machine complete with MinuteMan Synthetic grooved front and rear rollers, 100" total cutting width and Height of cut from 0.375" to 0.75"

Weight and Dimensions: 2,837 lbs, length = 108", height = 88"

Accessories: 2-post ROPS rollover protection system, deluxe seat, headlights

Keys: Unit shall come with four (4) keys

Spare Parts: Unit shall come with one (1) each of all filters on machine. (Inner air, outer air, primary fuel, secondary fuel, transmission, engine oil and hydraulic).

Vehicle Warranty: 2 year limited

Manuals: (2) Operator, (1) each Parts & Service, 2013 operating manual CD

Quantity: (1)

Delivery: Thompson Park - Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attention Area - 421

Note: **For Reference Purposes Only:**
This unit shall be comparable to a Jacobsen LF550 Diesel Fairway Mower

ITEM #37 - MOWER XIV - TRIPLEX 8-BLADE REEL - (DIESEL)

Power Source: Diesel

Engine: Rear mounted Kubota, 21.5 hp @ 2500 rpm, 68.5 cu. In., liquid-cooled diesel. Fuel filter/ water separator with visible bowl. Electric start. Heavy-duty remote mounted air cleaner with radial seal. Spin on oil filter. 7.5 gallon fuel capacity. Rear mounted radiator. Tilt hood for easy engine access. Biodiesel ready for use up to B20.

Traction Drive: Series/ Parallel hydraulic traction circuit provides continuous three-wheel drive in mow and transport. Hydrostatic traction drive provides infinitely variable speed in forward or reverse, 0 to 6 mph in mow range, 0 to 9 mph in transport, 0 to 4 mph in reverse, 6 gallon hydraulic system capacity. Hydrostatic braking.

Controls: Forward and reverse traction control pedals, mow/transport lever, had activated parking brake, ignition key switch, power steering with tilt steering wheel, PTO switch, throttle, joystick control for cutting unit raise and lower, cutting unit transport lock, reel speed and backlap control knob.

Tires: Front: 20 x 10 – 10, 4ply Turf Trac
Rear: 20 x 12 – 10, 4 ply Turf Trac

Seat: Deluxe, high back, cushion seat with fold up armrests

Gauges and Protection Systems:

Hour meter, fuel gauge, cluster gauge with glow plug and charge indicator lights, low engine oil pressure and high coolant temp. warning lights (high temp. safety shut off). Safety interlocks on traction pedal, operator presence in seat, PTO engage or disengage, cutting unit mow or transport.

Cutting Unit Drive: High efficiency fixed displacement pump and three gear motors. Each gear motor has a crossover relief valve. Backlap capability. Variable reel speed to match cutting conditions. Drive motors to attach to either side of the cutting unit and be interchangeable.

Cutting Units: Three full floating 27” cutting units, supported by equal length independent lift arms. All cutting units to be interchangeable to either positions. 72” width of cut. Cutting unit suspension provides fore and aft oscillation. Main center unit provides side to side oscillation. Cutting units can be locked into fixed (fore/aft) position for use without front roller. Left and right reels are front mounted for maximum visibility for trimming. Center cutting unit mounted under operator. Eight blade reels provides for ½” to 1 ¾” height of cut. Positive position for height of cut adjustment. Precision Dual Point Adjustment (DPA) of bedknife to reel. Front wiehle and full rear rollers. Front roller scrapers and rear roller brush kit. Cutting units are raised hydraulically and shut off automatically when raised. Single lever controls lift/ lower and shutoff functions.

Training Video: SOP training video to be supplied.

Option: Light Kit

Keys Unit to come with four (4) keys

Spare Parts Where spare filters are available, one (1) additional set will be provided with unit. (Inner air, outer air, primary fuel, secondary fuel, transmission, engine oil and hydraulic, if applicable to specified unit).

Vehicle Warranty: 2 year limited

Manuals: (2) Operator, (1) each Parts & Service

Quantity: (1)

Delivery: Thompson Park - Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn. Area - #410

Note: **For Reference Purposes Only:**
This unit shall be comparable to a
Toro Reelmaster 3100

ITEM #38 - MOWER XV -FAIRWAY (DIESEL)

Engine	Kubota®4-cylinder, liquid cooled, diesel engine. 35.5 hp (26.5 kW) @ 3000 rpm.
Lubrication	Pressurized lubrication system with 5.0 quart capacity.
Fuel Filter	Replaceable spin-on fuel filter/water separator.
Air Cleaner	Heavy-duty three-stage, radial seal air cleaner with restriction indicator.
Cooling	Rear mounted radiator with industrial tube and fin construction, 6.5 fins per inch, 7.0 quart capacity.
Fuel Tank Capacity	13.5 gallon capacity. Biodiesel-Ready for use up to B-20.
Hydraulic Oil Capacity	9.0 gallon capacity.
Traction Drive	Front drive wheels powered by a hydrostatic pump with individual wheel motors.
Ground Speed	0-10 mph forward transport; 0-8 mph mow; 0-4 mph reverse.
Tires	Front traction tires: 26.5 x 14-12 turf tires; Rear steer tires: 20 x 12-10.
Main Frame	High strength steel frame with welded construction.
Brakes	Individual left and right drum-type front wheel brakes. Brakes may be actuated for service braking via left foot pedal. Integrated foot pedal lock provides parking brake. Dynamic braking through hydrostatic traction drive system.
Steering	Rear wheel, power steering with an independent hydraulic pump and circuit.
Gauges	Hour meter, fuel gauge, engine coolant temperature gauge, and warning light cluster; engine oil pressure, high engine coolant temperature, battery voltage, glow plug indicator, and diagnostic indicator.
Diagnostics	Diagnostic system that allows precision timing and control of machine functions for maximum performance. Available display connects to an electronic control unit to diagnose electrical system quickly and easily.
Controls	Single foot-operated traction pedal, foot actuated mow speed limiter, foot actuated service and parking brake. Hand-operated key ignition switch, throttle, cutting unit raise/lower joystick, cutting unit engage switch, and headlight switch all positioned on right hand pivoting control console.

Electrical & Interlocks	Heavy-duty 12-volt battery, 570 CCA, 40 amp alternator. Electronic control unit is a microprocessor based, solid state control unit with diagnostic capabilities. Traction pedal, parking brake, operator presence in seat, and cutting unit engage/disengage safety interlock switches.
Reel Drive	Reel drive circuit is split independently for front and rear cutting units. Hydraulic functions controlled by an integrated hydraulic control block. Reel speeds are manually adjustable in nine incremental settings. Standard on-board backlapping.
Cutting Unit Lift/Lower Seat	Front and rear cutting unit lift/lower is sequenced for uniform starting and ending points. Deluxe high back suspension seat with fore, aft, height and weight adjustment.
ROPS	Present with seat belt
Dimensions	Height: 63" seat top, 85.5" top of ROPS; Length: 111"; wheel base: 60"; operational width: 116"; transport width: 92"
Weight	2,693 lbs.
Certification	Complies with ANSI B71.4-2004 and CE requirements.
Accessories	Universal Mount Sunshade;

Cutting Units

Type	5-plex, hydraulically driven, balanced cutting units with adjustable rear weight transfer spring. Cutting units feature quick disconnect for removal/installation and are interchangeable to all positions. Cutting units also feature rear throw capability.
Size	22" wide, 7" diameter, 8 blade cutting unit
Width of Cut	100"
HOC Range	0.25"-1" standard.
Reel Speed	Manually controlled, variable reel speed for control of clip frequency. Reel speeds are incrementally adjustable between 200-1,650 rpm with a backlap speed of 200 rpm.
Bedknife Adjustment	Dual Precision Adjustment (DPA), bedknife to reel.
Rollers	3" (7.6 cm) diameter, deep groove plastic Wiehle front roller. 3" (7.6 cm) diameter steel rear roller.
Rear Roller Brush	Rotating, helically woven, stiff bristled brush. Spring loaded belt drive. Tightly woven with 11 points of contact. Rapid 2,000 rpm spin rate.
Cutting Unit Accessories	Wiehle roller scraper

Keys (4) Sets of keys

Spare Parts Unit to come with (1) each of all filters on machine

Manuals Parts, service and operator's manual to be included.

Warranty Two-year limited warranty.

Quantity One (1)

Deliver to: Thompson Park Equipment Services Division
805 Newman Springs Rd
Lincroft, NJ 07738
Attn: Area 434

Note: **For vendor reference purposes only:**
The unit specified shall be comparable to a TORO REELMASTER 5510 (03680) with UNIVERSAL MOUNT SUNSHADE (30359), 8 BLADE CUTTING UNITS (03696) with POWERED REAR ROLLER BRUSH (03688) and WIEHLE ROLLER SCRAPER (107-2993-03).

ITEM #39 – MOWER XVI - SIDEWINDER ROTARY (DIESEL)

Engine: Rear mounted Kubota, 35 HP, liquid-cooled three-cylinder diesel engine. Fuel filter/water separator. Electric start. Heavy-duty remote mounted air cleaner with radial seal. Spin on oil filter. 7.5-gallon fuel capacity. Rear mounted radiator. Tilt hood for easy engine access. EPA Tier IV Interim compliant.

Traction Drive:

Series/Parallel hydraulic traction circuit provides continuous three-wheel drive in mow and transport. Hydrostatic traction drive provides infinitely variable speed in forward or reverse, 0 to 6 MPH in mow range, 0 to 9 MPH in transport, 0 to 4 MPH in reverse. 6-gallon hydraulic system capacity. Hydrostatic braking.

Controls: Forward and reverse traction control pedals, mow/transport lever, had activated parking brake, ignition key switch, power steering with tilt steering wheel, PTO switch, throttle, joystick control for cutting unit raise and lower/ Sidewinder shift of cutting units, cutting unit transport lock.

Tires: 20 x 10-10, 4 ply Turf Trac

Seat: Deluxe, high back, cushioned seat with fold up armrests.

Gauges and Protection Systems:

Hour meter, fuel gauge, cluster gauge with glow plug and charge indicator lights, low engine oil pressure and high coolant temperature warning lights (high temperature safety shut off). Safety interlocks on traction pedal, operator presence in seat, PTO engage or disengage and cutting unit mow or transport.

Cutting Unit Configuration:

Three cutting units are infinitely hydraulically controlled by the operator to move laterally up to 12” left or right. Adjustable 68” to 72” width of cut. With 68” width of cut an overlap of 12 is provided. With 72” width of cut a maximum of 14” offset will be provided.

Cutting Unit Drive:

High efficiency fixed displacement pump and three gear motors. Each gear motor has a crossover relief valve. Drive motors to be interchangeable.

Cutting Units:

Three full floating 27" cutting units, supported by equal length independent lift arms. Cutting unit suspension provides fore and aft oscillation. Main center unit pivot provides side-to-side oscillation. Left and right cutting units are front mounted for maximum trimming visibility. Center cutting unit mounted under the operator. Positive position for height of cut adjustment. Each cutting unit has two front independent rollers and full width rear roller. Deck is constructed of 10 gauge steel chamber with 12 gauge reinforcements. .75" to 4" height of cut in .25" increments. Cutting units are raised hydraulically and shut off automatically when raised. Single lever controls lift/lower and shutoff functions.

Miscellaneous:

Light kit.

Warranty: Two years, parts, labor and transportation.

Certification: Unit specified must comply with ANSI B71.4-1999. The manufacturer of the equipment in this bid must also be ISO 9000 certified at the original point of production.

Operator Training Video:

Standard operator training video to be supplied.

Certification: Unit specified must comply with ANSI B71.4-1999; the manufacture of the equipment in this bid must also be certified at the original point of production

Keys: Unit shall come with four (4) keys

Spare Parts: Where spare filters are available, one (1) additional set will be provided with unit. (Inner air, outer air, primary fuel, secondary fuel, transmission, engine oil and hydraulic, if applicable to specified unit). Unit to also come with (2) additional sets of mower blades.

Manuals: Operators, Service and Parts manuals to be included

Quantity: One [1]

Delivery: Thompson Park Equipment Services Division
805 Newman Springs Road
Lincroft, New Jersey 07738
Attn: Area #427

NOTE: For vendor reference purposes only: The unit specified shall be comparable to a Toro 3500-D Sidewinder rotary trim mower.

ITEM #40 – GREENSMOWER XVII – RIDING, DIESEL

Engine	Kubota®D902, 23.5 HP (17.5 kW), 3-cylinder, liquid cooled, diesel engine, governed to 2880 high idle, 1560 rpm low idle. Displacement: 55.0 cu-in. (902 cc) Radiator: cooled with a 12-volt electric fan.
Fuel Capacity	6 Gallons.
Traction Drive	2WD parallel hydrostatic. Foot pedal forward and reverse; infinitely variable.
Ground Speed	Forward-mowing speed is variable from 0-5 mph (0-8 km/h), adjusted by stop on pedal mechanism. Mow speed setting does not affect transport speed. Maximum transport speed is 10 mph (16.1 km/h), may be reduced by adjusting stop in footrest pan without affecting mow speeds. Reverse is 3 mph (4.8 km/h) maximum.
Cutting Unit Drive	Single gear pump, mono valve block, series reel drive to 3 reel motors.
Steering	Power steering. No-tool quick adjust steering arm position, with arm motion allowing a wide range of operator sizes. Steering cylinder has a through shaft design for accurate straight line steering.
Electrical System	Maintenance-free 12-volt battery with 585 minimum cold cranking amps at 0° F (-17.7° C) and 95 minutes minimum reserve capacity at 85° F (29.4° C) 60 amp alternator, circuit fused at 60 amps. Ignition switch/key. Seat switch. High temperature engine shut down. Harness terminals, fuse slot, and console switch location available for optional lights installation.
Controls	Ignition: Off/Run/Start. Throttle: Low - High Idle. Parking Brake: Off - On. Traction Pedal: Rev/Neutral/Forward Joystick: Raises/lowers reels also tap off feature for clean up pass. Functional Control Lever sets neutral/mow/transport limits for traction pedal. Diagnostic Light: Indicates system faults to assist in resolving issues.
Gauges	Fuel and hydraulic sight gauges, hour meter. Low oil pressure warning light, alternator warning light (on if not charging), glow plug indicator, high engine temperature.
Tires/Wheels	Three, 19 x 10.5 x 8, 4-ply rating pneumatic tubeless demountable. Smooth tread. Tire pressure: 12 - 18 psi front and rear.
Brakes	Hand-actuated parking brake lever with two 6” (15.2 cm) diameter drum brakes mounted on the front wheel motors.
Hydraulic Oil	6.8 Gallon tank
Leak Detection	Equipped with leak detection system that sounds an alarm and activates warning light with the loss of 3 to 5 ounces of hydraulic

oil.

Sound Level	84 dB(A) at operator's ear under normal conditions
Overall Dimensions	Wheel Tread: 50.5" (128.3 cm) Wheel Base: 48.6" (123 cm) Length: 98" (249 cm) Width: 70.62" (179 cm) w/reels Height: 80.83" (205 cm)
Weight	1286 lbs.
Width of Cut	59"
Ground Clearance	4.5"
Cutting Unit Suspension	Double A-arm suspension utilizing sealed ball joints allows free cutting unit motion in pitch, roll, and yaw. The basket is directly mounted to the cutting unit displacing weight evenly over both cutting unit rollers eliminating the carrier frame, roller and pull links.
Quick Connect Cutting Units	Quick connect/disconnect feature for both the reel drive motor and cutting unit. No tools required.
Reel Speed	Adjustable; approximately 2050 RPM at 2850 engine RPM.
Backlapping	Standard equipment.
Accessories	Light kit installed, leak detection system, standard seat kit with standard armrest kit.
<u>Cutting Units</u>	
Tractor	Able to mount on a Toro Greensmaster 3XXX series
Height of Cut	Cutting height is adjusted on front roller by two vertical screws and held by two locking cap screws. Bench HOC range is .062"-.297" (1.6-7.5 mm). With high HOC kit, range is .285-1" (7.3-25.4 mm). Effective HOC may vary depending on turf conditions and bedknife installed.
Reel Weldment	Reels are 5" (13 cm) in diameter, 21" (53.3 cm) in length. 14 High carbon steel blades are welded to 5 stamped steel spiders, and heat treated to RC 48-54 hardness. The reel is ground for diameter and concentricity, and backgrind.
Reel Bearings	Two stainless steel ball bearings, 30 +/- .1 mm inside diameter slip fit onto reel shaft retained by internally splined threaded insert. Low drag seals/slingers for added protection with o-ring sealed motor and counterweight. Reel position maintained by a wave washer with no adjusting nut.
Maintenance	No grease zerks, sealed bearing design eliminates daily maintenance.
Reel Drive	The reel weldment shaft is a 1.375" (35 mm) diameter tube with internally splined threaded insert.

Frame	Precision machined, die-cast aluminum cross member with two bolt-on die-cast aluminum side plates.
Aggressiveness	Aggressiveness stays constant throughout the life of the reel. Patented design.
Bedknife	Replaceable single edged, high carbon steel bedknife austempered to RC 55-58, fastened to a machined cast iron bedbar with 13 screws. Microcut Bedknife is standard on all cutting units.
Bedknife Adjustment	Dual screw, indexed “click” adjustment to the reel; detents corresponding positively to .0007" (.018 mm) bedknife movement for each position.
Front & Rear Rollers	Front: Aluminum Wiehle®, 2.5" (6.4 cm) diameter with sealed bearings and through-shaft. Narrow-spaced roller. Rear: Steel full, 2" (5.1 cm) diameter with sealed bearings and through-shaft.
Grass Shield	Non-adjustable shield with adjustable cut-off bar to improve grass discharge from reel in wet conditions.
Total Weight	14-blade: 86 lbs. (39 kg) with aluminum Wiehle Roller.
Accessories	Powered rotating rear roller brush
Keys	(4) Sets of keys
Spare Parts	Unit to come with (1) each of all filters on machine
Manuals	Parts, service and operator’s manual to be included.
Warranty	Two-year limited warranty.
Quantity	One (1)
Deliver to:	Thompson Park Equipment Services Division 805 Newman Springs Rd Lincroft, NJ 07738 Attn: Area 434
Note:	For vendor reference purposes only: The unit specified shall be comparable to a TORO GREENSMaster TRIFLEX 3400 (04520) with LEAK DETECTOR (04715), LIGHT KIT (04717), and STANDARD ARMREST KIT (92-7307). Cutting units should be comparable to 14-BLADE TORO TRIFLEX DPA CUTTING UNIT (04615), with NARROW WIEHLE ROLLER DPA (04626) and ROTATING REAR ROLLER BRUSH (04724).

ITEM #41 - 11 BLADE CUTTING UNITS

CUTTING UNITS	All cutting units to be identical (no right/lefts), and interchangeable with existing traction units in inventory. Cutting units to be pulled by the traction unit frame, not pushed.
FRAME	Precision machined, die cast aluminum cross member with two bolt on die cast aluminum side plates.
BEDKNIFE	Adjusted by dual screw, indexed click adjustment to the reel: detents corresponding positively to .0007" bedknife movement for each position. Aggressiveness to remain constant throughout life on the reel. Replaceable single edged, high carbon steel bedknife austempered to RC48-55, fastened to a machined cast iron bedbar with 13 screws.
CUTTING HEIGHT	Adjusted on front roller by two vertical screws held by two locking cap screws. Bench HOC range is .062-.297".
REELS	5" in diameter, 21" in length. 11 high carbon steel blades to be welded to 5 stamped steel spiders, and heat treated to RC 48-54 hardness. The reel to be ground for diameter and concentricity and backgrind. Reel weldment shaft 1.375" diameter tube with drive inserts permanently pressed in both ends.
REEL POSITION	Maintained by wave washer with no adjusting nut.
COUPLER	Replaceable floating coupler with internal eight-tooth spline to be factory installed on the right end, and held in place with snap ring.
BALL BEARINGS	Two double row, self aligning ball bearings, 30 mm ID slip fit onto reel shaft with lock nut. With multiple seal barriers on both sides for bearing protection.
FRONT ROLLER	Aluminum Wiehle 2.5" diameter with sealed bearings and through shaft.
REAR ROLLER	Full rear steel 2" diameter with sealed bearings and through shaft.
BRUSH KIT	Rear roller brush assembly attached for each unit.

GRASS SHIELD Non-adjustable grass shield cut off bar to improve grass discharge from reel in wet conditions

QUANTITY Three (3)

DELIVERY TO Thompson Park Equipment Services Division
805 Newman Springs Rd.
Lincroft, NJ 07738
ATTN: Area #434 N

NOTE: **For vendor reference purposes only: The units specified shall be comparable / compatible to Toro Greensmaster DPA 11 Blade Cutting Units**

ITEM #42 - AERATOR I (WALK BEHIND)

Coring:	Width - 48 inches Depth - Down to 4 inches Head - Heavy-duty crank shaft with six "I-beam" tine arms
Depth Control:	System capable of full-time, automatic contour following
Hole spacing:	Detent 1 - 1.5 inch, 16,000 sq. ft./hr. max Detent 2 - 2 inch, 21,350 sq. ft./hr. max Detent 3 - 2.5 inch, 26,700 sq. ft./hr. max Detent 4 - 3 inch, 32,000 sq. ft./hr. max
Productivity:	Able to aerate 18 – 6,500 sq. ft. greens in about 7 hours at 2 inch hole spacing
Speed & Direction:	Forward 0-3.5 mph Reverse 0-2.0 mph
Tine Head:	Equipped with 4 Tine ¾" mount heads with 2" spacing. Additional set of quad tine holders with 2 rows of 5 tines, 1.6" lateral spacing and 3/8" mount diameter to be included.
Tines/Diameter:	Side eject ¾" tine mount; 5.75" length with inside diameter of .500" and outside diameter of .660". Wall thickness of .058". Additional set of solid round tines, 5.5" length and 0.25" diameter to be included
Turf Guards:	Appropriate for all specified tine heads.
Controls:	Ignition switch, Throttle, choke, parking brake, traction lever for forward and reverse, coring head raise/lower switch, selector knob for aeration spacing, contour ground following system switch, system reset, and aeration depth selector
Engine:	Kohler 2-cylinder, air cooled, gasoline, 23 hp @ 3000 rpm with displacement of 41 cu. In.
Noise:	Operator ear - 82 dB
Capacities:	Fuel 7.5 gal. Engine oil w/ filter 2 qt. Hydraulic oil 3.0 gal.
Battery:	12 volt, 300 cold cranking amps @ 0 deg. F

Instrumentation: Hour / tachometer, controller, micro-processor logic control for troubleshooting

Tires: Front & Rear - 20 x 10-10, 2 ply, smooth tread, tubeless

Brakes: Service - Dynamic through hydrostatic transmission
Parking - Hand actuated on handle

Dimensions: Overall length 104.5"
Overall width 50.12"
Height w/ head raised 45"
Wheel base 44.5"
Ground clearance 4.75"
Weight (less fuel) 1590 lbs.

Drive train: Patented 3 wheel drive, series / parallel hydrostatic, closed loop

Accessories: To include Windrower kit and set of tire scrapers.

Certification: ANSI B71.4-1999 CE & EU machinery directives

Warranty: Two year or 500 hour limited warranty.

Spare Service Parts: Each unit to also include (1) each of the following: oil filter, fuel filter, air filter, and hydraulic filter.

Manuals: Operators, Owners, Parts and Service manuals to be included.

Quantity: One (1)

Delivery to: Thompson Park Equipment Services Division
805 Newman Springs Road
Lincroft, N.J. 07738
ATTN: Area# 421

NOTE: For vendor reference purposes only: The unit specified shall be comparable to a Toro ProCore 648 aerator. Tine Heads shall be comparable to Toro model 09796 and Toro model 09736. Tines specified shall be comparable to Toro Titans model 108-9165. Tire Scrapers shall be comparable to Toro model 09225.

ITEM #43 - AERATOR II – (FAIRWAY)

Aeration Width: 64

Aeration Depth: 5” (12.7 cm) maximum

Belt driven Aeration Head:

Kevlar reinforced belt drive for quiet, smooth and durable operation

Tractor Size: 30 hp (22.4 kW) @ PTO minimum, 35 hp (26.1 kW) @ PTO recommended.

Tractor Connection: 3-point Category 1 or 2

Tractor PTO: 540 RPM

Drive Shaft: Six spline, 1 3/8” diameter

Gear Case: Precision machined gear case rated 87 HP. Straight beveled gears with dual output shaft

Tine Guide Mechanism:

A linked mechanism, Rota link, guides the tine actuation path and ensures vertical ground entry and exit of tines, making consistent sized and shaped holes. The mechanism shall not incorporate bearings, or bushings or need grease.

Depth Control: Depth setting has a high gear ratio for quick single lever depth changing from 0” to 5”

Forward Hole Spacing (tractor dependent):

Variable up to 5” (12.7 cm)

Lateral Hole Spacing (tine head dependent):

1.3” – 2.6” (3.3 – 6.6 cm)

Tines and Holders: Shall be able to accept tine holders of 3, 4, 6, or 10 tines and tines of .2" to .875 diameter

Holders: 8

of tine/heads: 4/ tine head

Lateral Spacing and Mount:

2.0" (5.1 cm) spacing, ¾" (19 mm) Mount Tine Holders

Tines: Titan side eject, 5.75" long, 0.53" ID, 0.66" OD, wall thickness 0.058", part number 108-9165.

Quantity: 32 per set

Parking Stand: Independent stand to support machine at desired height for re-hitching. A wheeled parking stand to maneuver aerator in storage. Telescoping parking stand utilized as safety prop for maintenance and servicing.

Overall Width: 67" (170.2 cm)

Height: 38.5" (97.8 cm)

Length: 35" (88.9 cm)

Weight: 1,575 lbs (714.4 kg)

Accessories: 2 sets of 32 tines,(Titan side eject, 5.75"long, 0.53 ID, .66 ODD wall thickness .058 part number 108-9165), Turf Guards (110-4363, 110-4364 and 110-4361)

Certification: ANSI B71.4-2004, American National Standard for Commercial Turf Care Equipment-Safety Specifications.

Warranty: Two year

Support Literature Parts Book, Owners/operators manual
Service Manual
2013 Service Reference CD
Operator training video

Quantity: One (1)

Delivery To: Thompson Park Equipment Services Division
805 Newman Springs Rd
Lincroft, NJ 07738
Attention Area - 444

Note: **For Reference Purposes Only:**
**This unit shall be comparable to a Toro Pro Core 864,
Model 09715 Aerator, with Tine Holders, Model 09796
and tines.**

ITEM #44 - LANDSCAPE RAKE (3 POINT HITCH)

FRAME: Structural steel, electrically welded.

MAXIMUM WORKING WIDTH: 8'

MINIMUM WORKING WIDTH: 7'1"

NO. OF RAKE POSITIONS: Manual Angle-5

RAKE TEETH: Number - 48 each
Size – 5/16” x 1” x 28”
Material – Heated treated alloy steel
Tooth Spacing – 1”

SCARIFIER: Width – 6’
Weight – 223 lbs.
No. of Teeth – 10
Points (Material) – Heat treated alloy steel

TRACTOR HITCH REQUIRED: Category 1 – three point hitch

WEIGHT: 493 lbs.

MANUALS: Parts and Service

DELIVERY TO: Thompson Park - Equipment Services Div.
805 Newman Springs Rd.
Lincroft, NJ 07738
Attn: Area 409

QUANTITY: One (1)

NOTE: **For vendor reference purposes only:
The unit specified shall be comparable to
a 8’ York Rake Model RI**

ITEM #45 - GREENS ROLLER – GAS

Engine	13 HP Honda, Electric Start
Battery	12 Volt
Fuel Capacity	5 gallons
Cooling	Cooling Fan
Drive Rollers	4 Oscillating steel rollers, all driven for positive traction. Diameter 5.5", 36" long with beveled ends.
Steering	13-1/4" Diameter, automotive type tilt steering wheel. 13-1 ratio. Both rolls articulate and oscillate to smooth the surface without changing the undulations designed into the green.
Seat	Molded cushion with protective edge trim, neutral safety switch & forward/reverse adjustment.
Vibration	Reduced through rubber mounts on engine and seat.
Speed	Variable 0-11.9 MPH
Weight	750 lbs.
Ground Pressure	3.5 P.S.I.
Swath	36"
Trailer	Dual lock latch tailgate ramp with full 1/4" thick traction mat.
Spikers	15 points to a depth of 1/2" integrated with down pressure
Options	Light Kit, Inner Spike Air Kit, Arm-Rest seat
Manuals	Parts, service and operator's manual to be included.
Warranty	5 years limited
Quantity	One (1)
Deliver to:	Thompson Park Equipment Services Division 805 Newman Springs Rd Lincroft, NJ 07738 Attn: Area 434
Note:	For vendor reference purposes only: The unit specified shall be comparable to a SALSCO HP 5.5 GAS GREENS ROLLER with light kit, inner spike air kit and arm-rest seat.

ITEM #46 - TINE HARROW

Configuration: 12' x 8' unit (made of 3 4' sections)
With draw bar and chain

Tine Wire Diameter: ½"

Total Weight: 476 lbs

Weight/ Foot Width: 34.8 lbs

Weight/ Point: 1.1 lb

Points/ Foot Width: 30

Material: Cold Formed Spring Steel

Quantity: (1)

Delivery: Thompson Park - Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn. Area - #410

Note: **For Reference Purposes Only:**
This unit shall be comparable to a
Complete Delta Tine Harrow 12' x 8' unit
With draw bar and chain

ITEM #47 - BLOWER (DEBRIS) TRAILER MOUNTED

Engine: Kohler Command Pro

Fuel: Gasoline

Fuel Tank Capacity: 5 gallons

Engine Type: 2-cylinder, air cooled, electronically-governed

Horsepower: 27 hp

Displacement: 44.0 cu. In. (725cc)

Nozzle: Single piece impact – resistant plastic w/ 13” outlet diameter

Fan Design: Axial flow

Rotor Diameter: 14”

Fan Assembly Diameter: 14”

Wireless RF Controller:
Engine start, engine stop, adjust engine throttle
From low to high RPM range, 360 degree nozzle
Directional control

Air Flow: In 3rd party independent testing per the ANI/AMCA 210- 07 Standard for Laboratory Methods of Testing Fans for Certified Aerodynamic Performance Rating, the Proforce test results Demonstrated greater air flow volume, than any other single Nozzle turbine – type debris blower

Weight: 475 lbs.

Length: Standard 97” from adjustable tow hitch to nozzle outlet.
18” adjustable length for length range of 79” to 115”

Width: 48”

Height: Standard 33”

6” adjustable height for height range of 27” to 39”

Pull Behind Trailer: Lawn – tractor style hitch (category 1)

Tire Size: 20 x 10-8, 4-ply turf tire

Fenders: Custom injection molded plastic

Spare Parts: Unit to come with (1) spare of each filter on machine

Keys: Unit to come with (4) keys

Manuals: Unit to come with (2) Operator and (1) each Parts & Service

Warranty: Two-year or 1500 hour limited warranty

Quantity: One (1)

Delivery: Thompson Park – Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn: Area - #416

**NOTE: For Reference Purposes Only:
This unit shall be comparable to a Toro Proforce
Debris Blower.**

ITEM #48 - SWEEPER / VACUUM

Power Source:	PTO driven hydraulic pump and fan driven by 5 V-belts and multiple belts to hydraulic pump
Configuration:	72 inch (183 cm) Sweeping Width, Self Contained, two wheel, pull type sweeper and vacuum for turf and other surfaces. Comes with drawbar.
Debris Hopper:	Capacity: 7 cu yds (5.1 cu mtrs) Construction: 14 gauge steel formed panels, tapered front to back for easy dumping, air exhaust vents built into hopper Dump: Hydraulic raises/ lower of tailgate
Sweeper Heads:	72 inch (183 cm) Sweeping width to dislodge debris from ground surface. Hydraulic motor drive from base unit hydraulic system. Sweeper head is combination of rubber fingers and verticut heads.
Vacuum System:	22 in. (57 cm) diameter x 7 in. (18cm) wide, ¼” (.7cm), balanced high strength abrasion resistant impeller, 3800CFM displacement, operating inside high strength steel housing with wear resistant, replaceable liner, large clean out door and drain plug. Connected to sweeper head with flexible air tunnel to remove debris from ground surface and deposit into debris hopper.
Drive:	Engine drives hydraulic pump to power sweeper head hydraulic motor. Belt drives vacuum impeller through electric clutch
Construction:	Hydraulically formed, electrically welded heavy wall rectangular and steel tubing
Axle:	High strength axle tube, 3500lb (1590 kg) rated axle
Tires/Wheels:	(2) 26.5 – 1400 x 12 Fairway turf type
Controls:	Hydraulic raise/lower of sweeping mechanism head assembly.
Sound Level:	98 dbA
Dimensions:	Length: 180 in. (458 cm) Width: 84 in. (214 cm) Height: 87 in. (221 cm)

Weight: 2950 lbs (1338 kg)

Liquid Capacities: Hydraulic system oil: 3.2 gals. (12.2 liter) in high density polyethylene tank.

Safety: Fire extinguisher. Complies with all applicable ANSI, OSHA, and European Machinery Directive.

Option: 25 ft. (7.6m) hand held vacuum hose.

Spare Parts Where spare filters are available, one (1) additional set will be provided with unit. (Inner air, outer air, primary fuel, secondary fuel, transmission, engine oil and hydraulic, if applicable to specified unit).

Vehicle Warranty: 2 year limited

Manuals: (2) Operator, (1) each Parts & Service

Quantity: (1)

Delivery: Thompson Park - Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn. Area - #410

Note: **For Reference Purposes Only:**
This unit shall be comparable to a Smithco Big Vac Model V 72

ITEM #49 - BUNKER MAINTENANCE MACHINE

Engine	Vanguard, V-Twin cylinder, 4 cycle, OHV, air-cooled, gas engine with cast iron sleeves. 18 hp (13.4 kW) at 3600 rpm. Displacement: 34.8 cu. In. (570 cc). Oil capacity: 1.75 quart (1.8 liter). Electronic ignition. Full pressure lubrication, oil filter. Base mounted engine and pump with 4 isolation mounts.
Air Cleaner system	Double air filtration, standard engine air filter plus remote mounted 3-phase Donaldson® air cleaner.
Fuel Capacity	5.0 gallon (18.9 liter) of unleaded gasoline.
Traction Drive	Direct driven hydrostatic variable displacement piston pump to 3 hydraulic motors for 3WD. Large, front mounted hydraulic cooler and fan. Foot pedal control, forward/reverse. Patented Series/Parallel hydraulic traction system keeps three wheels working together, virtually eliminates spin-outs.
Ground Speed	Infinitely variable 0-10 mph (16 km/h) forward; 0 - 4.3 mph (6.9 km/h) reverse.
Hydraulic Oil	5.0 gallon (18.9 liter) system capacity. Nylon reservoir to reduce corrosion. 35 micron replaceable cartridge.
Tires/Wheels	Three 22 x 11.00-8 pneumatic tubeless tires on demountable, interchangeable wheels. Tire pressure: 4-6 psi (27.5 kPa).
Main Frame	Tricycle vehicle with welded rectangular tubular steel frame construction. Rear engine placement.
Brakes	Dynamic braking through the hydrostatic transmission and hand actuated brake lever.
Steering	Hydraulic power steering. Adjustable tilt steering wheel (infinite positions). 15" (38 cm) diameter steering wheel. Zero turning radius.
Controls/Gauges	Hand operated choke, throttle, and hydraulic control for raising/lowering with float. Foot pedal controls traction forward/reverse speed. Front and rear hydraulic lift and lower controls. Gauges: Hour meter

Seat	Deluxe seat, one piece molded with ½ back support. 4.00” (10.2 cm) fore/aft adjustment.
Electrical Features	12 volt battery, 15 amp., 300CCA @ 0°F, 12 volt electric starter. Fender mounted ignition switch with key. Neutral interlock switch, also provisions for light kit.
Sound Level	87 dB(A) under normal operating conditions.
Dimensions	Width: 58” (147 cm), Length: 67.5” (171.5 cm), Height: 45.25” (114.9 cm), Wheelbase: 42.75” (108 cm).
Ground Clearance	6.0" (15.2 cm)
Weight	Net weight (less fluids): 930 lbs. (421.8 kg).
Warranty	Two year limited warranty on the entire machine that includes labor, parts and transportation. Briggs and Stratton provide a two year commercial engine, and a lifetime Magnetron ignition warranty.
Support Literature	Parts Book, Owners/operators manual Service Manual 2013 Service Reference CD Operator training video
Accessories	Light kit with front and rear lights. An additional air filter, engine oil filter, hydraulic oil filter and fuel filter shall be included.
Keys	Unit shall come with (4) keys
Attachments	Quick Attach Mounting System (QAS). Tooth Rake (08751): rear QAS, 72” (183 cm) width, with 5 rake sections, 27 prongs adjustable for depth and wear. Hydraulic Flex Blade (08713): front QAS, 36” (91.4 cm) width steel blade, 4 position settings, transport height: 8.5”. Bunker Pump (08765): Throws water 40’, and up to 95 GPM, Adjustable throw angle, Mounts on front or back QAS, rear remote hydraulics. Weeder Tine Assembly (08732): Mid mount for weed and grass removal.

Quantity: One (1)

Delivery To: Thompson Park Equipment Services Division
805 Newman Springs Rd
Lincroft, NJ 07738
Attn: Area # - 444

NOTE: **For Reference Purposes Only:**
This unit shall be comparable to a Toro 5040 Sand Pro

BIDDER'S CHECKLIST

BID #: 0021-14

with bid
(Owner's checkmarks)
INITIALS
↓

Items submitted
(Bidder's
↓

**A. FAILURE TO SUBMIT ANY OF THESE ITEMS WITH THE BID IS
MANDATORY CAUSE FOR REJECTION**

- | | | |
|--------------|-------------------------|-------|
| <u> X </u> | Proposal (Original) | _____ |
| <u> X </u> | Statement of Ownership | _____ |
| <u> X </u> | Non-Collusion Affidavit | _____ |

**B. ITEMS PREFERRED WITH THE BID, BUT MANDATORY PRIOR
TO AWARD OF CONTRACT**

- | | | |
|--------------|---|-------|
| <u> X </u> | Copy of the N.J. Business Registration Certificate for the bidder and any designated subcontractors | _____ |
| <u> X </u> | EEO/Affirmative Action Compliance Notice | _____ |
| <u> X </u> | References / List of previous and/or active relevant work | _____ |
| _____ | Resume(s) | _____ |

THE UNDERSIGNED BIDDER HEREWITH SUBMITS THE ABOVE REQUIRED DOCUMENTS:

PRINT NAME OF BIDDER: _____

SIGNED BY: _____

PRINT NAME AND TITLE: _____

DATE: _____

THIS CHECKLIST SHOULD BE INITIALED AND SIGNED WHERE INDICATED AND RETURNED WITH ALL DOCUMENTS

SUBMITTED BY: _____
 (Company Name)

PROPOSAL

FOR THE FURNISHING AND DELIVERY OF **GROUNDS AND TURF EQUIPMENT**
 TO THE MONMOUTH COUNTY PARK SYSTEM, LINCROFT, NEW JERSEY.
 TO THE MONMOUTH COUNTY BOARD OF RECREATION COMMISSIONERS.

The undersigned hereby declares that __he has carefully examined the advertisement, specifications, and form of contract for furnishing the specified items and that __he will execute the contract according to the specifications, terms, and conditions with respect to the following:

ITEM	DESCRIPTION	QTY.	UNIT	TOTAL
1.	Tractor I – Turf (Diesel)	1	\$	\$
	Make/Model			
2.	Tractor II – Turf (Diesel)with additionally price *options	1	\$	\$
	Make/Model			
3.	Tractor III – Turf (Diesel) with optional trade	1	\$	\$
	*Optional Trade-In	Minus	-	= \$
	Make/Model			
4.	Trailer I – Single Axle Landscape	1	\$	\$
	Make/Model			
5.	Trailer II - Dual Axle Landscape	1	\$	\$
	Make/Model			
6.	Log Splitter I	1	\$	\$
	Make/Model			
7.	Log Splitter II – with Log Lifter *Optional	1	\$	\$
	Make/Model			
8.	Utility Vehicle I – (Gas)	1	\$	\$
	Make/Model			
9.	Utility Vehicle II – (Gas)	1	\$	\$
	Make/Model			
10.	Utility Vehicle III – (Gas)	1	\$	\$
	Make/Model			
11.	Utility Vehicle IV – (Gas)	1	\$	\$
	Make/Model:			
12.	Utility Vehicle V – (Gas)	1	\$	\$
	Make/Model			

13.	Utility Vehicle VI – (Gas)	1	\$	\$
	Make/Model			
14.	Utility Vehicle VII – (Electric)	1	\$	\$
	Make/Model			
15.	Utility Vehicle VIII – (Electric)	1	\$	\$
	Make/Model			
16.	Utility Vehicle IX – (Electric)	1	\$	\$
	Make/Model			
17.	Utility Vehicle X – (Electric)	1	\$	\$
	Make/Model			
18.	Utility Vehicle XI – (Diesel), 4WD	2	\$	\$
	Make/Model			
19.	Utility Vehicle XII – (Diesel)	1	\$	\$
	Make/Model			
20.	Utility Vehicle XIII – (Diesel) with Mounted Spreader	1	\$	\$
	Make/Model			
21.	Utility Vehicle XIV – (Diesel) 4 Wheel Turf Truckster	1	\$	\$
	Make/Model			
22.	Utility Vehicle XV – (Diesel)	1	\$	\$
	Make/Model:			
23.	Utility Vehicle XVI – (Diesel) with Sweeper	1	\$	\$
	Make/Model			
24.	Mower I – Greensmower, Walk, (Gas)	1	\$	\$
	Make/Model			
25.	Mower II – Walk Behind w/Bagger & Sulky Wheels (Gas)	1	\$	\$
	Make/Model			
26.	Mower III – 26” Walk with Groomers (Gas)	1	\$	\$
	Make/Model			
27.	Mower IV – Triplex, 11 Blade Reel (Gas)	1	\$	\$
	Make/Model:			
28.	Mower V – (Diesel)	1	\$	\$
	Make/Model			
29.	Mower VI – (Diesel)	1	\$	\$
	Make/Model			
30.	Mower VII – (Diesel)	1	\$	\$
	Make/Model			
31.	Mower VIII – Rotary Wide Area (Diesel)	1	\$	\$
	Make/Model			
32.	Mower IX – Rotary Rough (Diesel)	3	\$	\$
	Make/Model			
33.	Mower X – 100” Articulating Rough (Diesel)	1	\$	\$
	Make/Model			
34.	Mower XI – Fairway (Diesel)	1	\$	\$
	Make/Model:			

35.	Mower XII – Reel (Diesel)	1	\$	\$
	Make/Model			
36.	Mower XIII – Fairway Reel (Diesel)	1	\$	\$
	Make/Model			
37.	Mower XIV – Triplex 8-Blade Reel – (Diesel)	1	\$	\$
	Make/Model			
38.	Mower XV – Fairway (Diesel)	1	\$	\$
	Make/Model			
39.	Mower XVI – Sidwinder Rotary (Diesel)	1	\$	\$
	Make/Model			
40.	Mower XVII – Greensmower – Riding (Diesel)	1	\$	\$
	Make/Model			
41.	11 Blade Cutting Units	3	\$	\$
	Make/Model			
42.	Aerator I - Walk Behind	1	\$	\$
	Make/Model			
43.	Aerator II – Fairway	1	\$	\$
	Make/Model			
44.	Landscape Rake (3 Point Hitch)	1	\$	\$
	Make/Model			
45.	Greens Roller (Gas)	1	\$	\$
	Make/Model			
46.	Tine Harrow	1	\$	\$
	Make/Model			
47.	Blower – Debris, Trailer Mounted	1	\$	\$
	Make/Model			
48.	Sweeper / Vacuum	1	\$	\$
	Make/Model			
49.	Bunker Maintenance Machine	1	\$	\$
	Make/Model			

NOTE: Items listed on proposal pages shall be bid and priced in accordance with the bid specifications including - (i.e. accessories, features, optional equipment, and manuals (where indicated), etc.)

TAX EXEMPT #69-0220842

VARIANCE IF ANY: _____

The undersigned is a partnership under the laws of the State of _____
a corporation
an individual

having Principle offices at _____

CONTRACTOR _____

SIGNATURE _____

FEDERAL ID NO.# OR SOCIAL SECURITY NO.# _____

ADDRESS _____

BUSINESS PHONE _____ FAX PHONE _____

DATED _____

E-MAIL ADDRESS: _____ WEB ADDRESS: _____

CAUTION

REGARDING STATEMENT OF OWNERSHIP

The enclosed Statement of Ownership form must be properly completed. If it is not properly completed, your bid must be rejected, as required by N.J.S.A.40A:11-23.2. **Mistakes cannot be cured after bids are received.**

For example, if your firm, bidder “A”, is entirely owned by corporation “B”, you must disclose the names and addresses of the owners of 10% or more of corporation “B”. Furthermore, if corporation “C” owns 10% or more of corporation “B”, you must disclose the names and addresses of the owners of 10% or more of corporation “C”, and so on, until the names and addresses of all persons, i.e., human beings, in this “10%” chain of ownership have been disclosed.

The same procedure applies if any 10% or more owner is a partnership, limited liability company, estate or any other type of legal entity, as opposed to a corporation.

STATEMENT OF OWNERSHIP

Name of Business: _____

- I certify that the list below contains the names and home addresses of all stockholders holding 10% or more of the issued and outstanding stock of the undersigned.

OR

- I certify that no one stockholder owns 10% or more of the issued and outstanding stock of the undersigned.

Check the box that represents the type of business organization:

- Partnership Corporation Sole Proprietorship
 Limited Partnership Limited Liability Corporation Limited Liability Partnership
 Subchapter S Corporation

Stockholders:

Name:	Name:
Home Address:	Home Address:

Name:	Name:
Home Address:	Home Address:

Name:	Name:
Home Address:	Home Address:

(Signature)

(Print Name & Title)

NON-COLLUSION AFFIDAVIT

STATE OF NEW JERSEY

COUNTY OF _____ ss:

I, _____ of the City of

in the County of _____ and the State of

of full age, being duly sworn according to law on my oath depose and say that:

I am _____ of the firm of _____ the bidder making the Proposal for the above-named project, and that I executed the said Proposal with full authority so to do; that said bidder has not, directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free, competitive bidding in connection with the above-named project; and that all statements contained in said Proposal and in this affidavit are true and correct, and made with full knowledge that the County of Monmouth relies upon the truth of the statements contained in said Proposal and in the statements contained in this affidavit in awarding the contract for the said project.

I further warrant that no person or selling agency has been employed or retained to solicit or secure such contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained

By _____
(Name of Contractor)

(N.J.S.A. 52:34-15)

Subscribed and sworn to _____

(Also type or print name of affiant under signature)

before me this _____ day
of _____ 20

Notary Public of My commission expires _____, 20

OFFICIAL SEAL OR STAMP REQUIRED.

EXHIBIT A

MANDATORY EQUAL EMPLOYMENT OPPORTUNITY LANGUAGE N.J.S.A. 10:5-31, et seq. N.J.S.A. (P.L. 1975, C. 127) N.J.A.C. 17:27

GOODS, PROFESSIONAL SERVICES AND GENERAL SERVICE CONTRACTS

During the performance of this contract, the contractor agrees as follows:

- a. The contractor or subcontractor, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Except with respect to affectional or sexual orientation and gender identity or expression, the contractor will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex. Such equal employment opportunity shall include, but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.
- b. The contractor or subcontractor, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.
- c. The contractor or subcontractor will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the contractor's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- d. The contractor or subcontractor, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to **N.J.S.A. 10:5-31 et seq.**, as amended and supplemented from time to time and the Americans with Disabilities Act.
- e. The contractor or subcontractor agrees to make good faith efforts to meet targeted county employment goals established in accordance with **N.J.A.C. 17:27-5.2**.

- f. The contractor or subcontractor agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.
- g. The contractor or subcontractor agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.
- h. In conforming with the targeted employment goals, the contractor or subcontractor agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.
- i. The contractor shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:
- Letter of Federal Affirmative Action Plan Approval
 - Certificate of Employee Information Report
 - Employee Information Report Form AA302 (electronically provided by the Division and distributed to the public agency through the Division's website at www.state.nj.us/treasury/contract_compliance)
- j. The contractor and its subcontractors shall furnish such reports or other documents to the Division of Public Contracts Equal Employment Opportunity Compliance as may be requested by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Public Contracts Equal Employment Opportunity Compliance for conducting a compliance investigation pursuant to **Subchapter 10 of the Administrative Code at N.J.A.C. 17:27.**

EEO/AFFIRMATIVE ACTION COMPLIANCE NOTICE
N.J.S.A. 10:5-31 and N.J.A.C. 17:27
GOODS, PROFESSIONAL SERVICE AND GENERAL SERVICE CONTRACTS

All successful bidders are required to submit evidence of appropriate affirmative action compliance to the County and Division of Public Contracts Equal Employment Opportunity Compliance. During a review, Division representatives will review the County files to determine whether the affirmative action evidence has been submitted by the vendor/contractor. Specifically, each vendor/contractor shall submit to the Commission, prior to execution of the contract, one of the following documents:

Goods and General Service Vendors

1. Letter of Federal Approval indicating that the vendor is under an existing Federally approved or sanctioned affirmative action program. A copy of the approval letter is to be provided by the vendor to the Commission and the Division. This approval letter is valid for one year from the date of issuance.

Do you have a federally-approved or sanctioned EEO/AA program? Yes No
If yes, please submit a photostatic copy of such approval.

2. A Certificate of Employee Information Report (hereafter "Certificate"), issued in accordance with N.J.A.C. 17:27-1.1 et seq. The vendor must provide a copy of the Certificate to the Commission as evidence of its compliance with the regulations. The Certificate represents the review and approval of the vendor's Employee Information Report, Form AA-302 by the Division. The period of validity of the Certificate is indicated on its face. Certificates must be renewed prior to their expiration date in order to remain valid.

Do you have a State Certificate of Employee Information Report Approval? Yes No
If yes, please submit a photostatic copy of such approval.

3. The successful vendor shall complete an Initial Employee Report, Form AA-302 and submit it to the Division with a \$150.00 Fee and forward a copy of the Form to the Commission. Upon submission and review by the Division, this report shall constitute evidence of compliance with the regulations. Prior to execution of the contract, the EEO/AA evidence must be submitted.

The successful vendor may obtain the Affirmative Action Employee Information Report (AA302) on the Division website www.state.nj.us/treasury/contract_compliance.

The successful vendor(s) must submit the AA302 Report to the Division of Public Contracts Equal Employment Opportunity Compliance, with a copy to Public Agency.

The undersigned vendor certifies that he/she is aware of the commitment to comply with the requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27 and agrees to furnish the required forms of evidence.

The undersigned vendor further understands that his/her bid shall be rejected as non-responsive if said contractor fails to comply with the requirements of N.J.S.A. 10:5-31 and N.J.A.C. 17:27.

COMPANY:		SIGNATURE:	
PRINT NAME:		TITLE:	

DATE:	
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