

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

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

BID NO: #0052-15

ADVERTISED: WEDNESDAY, MAY 6, 2015

BIDS DUE: WEDNESDAY, MAY 27, 2015 at 10:00 AM

TO APPEAR IN PAPER: WEDNESDAY, MAY 6, 2015

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 **WEDNESDAY, MAY 27, 2015** and then publicly read aloud for the following:

**1. FURNISHING AND DELIVERY OF GROUNDS AND TURF EQUIPMENT
(BID# 0052-15)**

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.

Fred J. Rummel, 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.
18. If this is an on-call supply contract for a stated period of time or a service contract, whether or not for a stated period of time, the County may cancel the contract or portions thereof, without cause, upon written notice to the contractor. If an on-call supply contract is cancelled or partially cancelled by the County under this provision, the contract shall be entitled to payment only for the goods called for by the County prior to the cancellation, at the contract rate(s), upon delivery of those goods to the County, but not for the overhead and profit associated goods not called for by the County. In the alternative, at its option, the County may also cancel any or all called for orders for goods, provided that the County will compensate the contractor for the contractor's reasonable overhead and profit related to such order, but not for the overhead and profit associated with any other goods not called for by the County. Likewise, a service contractor shall be entitled to payment for services duly requested by the County and rendered by the contractor prior to the cancellation, also at the contract rate(s), but not for the overhead and profit associated with services not performed. If a contract is partially cancelled, the remainder of the contract shall continue in effect, subject to reasonable adjustment to cover the contractor's actual increased costs, if any, in supplying the remaining goods and services.

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

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

GENERAL SPECIFICATIONS

INTENT:

It is the intent of this specification to describe and govern the **FURNISHING AND DELIVERY OF GROUNDS AND TURF EQUIPMENT (BID #0052-15)** 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 2015 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** 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:

If license plates are needed, item(s) 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:

Sean O’Herron, Supervisor Special Projects, (732) 842-4000, Ext. #4300.

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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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.

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

ITEM # 1 / #2- MOWER #I - TOW BEHIND FLEX-WING ROTARY MOWER WITH OR WITHOUT OPTIONAL TRADE-IN

GENERAL: Mower shall come with a standard round-welded stump jumper, jack stand at the tongue to support the mower when not connected to a tractor and a self-leveling clevis hitch.

SIZE/WEIGHT: Transport Width 123"
Overall Width/Length 250"
Weight 7,740 lbs
Tongue Weight 2,700 lbs

POWERTRAIN: Gearbox shall have a standard oil level sight gauge on each gearbox. Splitter/Spindle Gearbox HP 250 / 210 hp
Main Driveline Rating Cat 6 CV
Output Shaft Diameter 2.38"
Each blade gearbox shall have two free-swinging uplift blades designed to cut grass, corn stalks and light brush.
Slip clutches shall be installed on each gearbox.

TIRES: 24" Foam Filled – Walking Tandem Axle

SAFETY: Safety tow chains and highway safety lights shall be included with mower. Mower shall be equipped with Double Chain Guards, Side Skirts, and replaceable carbon steel Skid Shoes to help prevent objects from being thrown from the mower by the blades. PTO shall be properly shielded to help prevent operator injury.

CAPACITIES: Cutting Width – 20'
Height of Cut – 2" to 15"
Cutting Capacity – 4" Maximum

CUTTING DECKS: Side Frame Depth 12.5"
Deck Type smooth, sloped double deck
Deck Thickness .135" / .135" upper/lower
Side Frame Thickness .25"
Blade Overlap 6"
Blade Tip Speed 540 RPM 15,450 fpm
Blade Tip Speed 1,000 RPM 16,650 fpm
Wing Flex Up/Down 90° up, 22° down
Wing Leveling Adjustment easy adjust turnbuckle
Shielding double chain
Standard Blades – ½" x 4" Hi-Uplift
Grease fittings and spring steel bushings at each axle

SPARE PARTS: To be supplied with two (2) complete sets of extra standard mowing blades. ½” x 4” Hi-Uplift.

QUANTITY: One (1)

AWARD: Award will be made on this item with or without trade-in.

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

WARRANTY: 1 year limited warranty; 6 years limited warranty on gearboxes

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

Model/Year: 2002 Woods 3240 Batwing Mower
Vin # 848463
Property Tag: PT#10199

TRADE-IN REVIEW–

This mower may be inspected between **8:00 AM - 2:30 PM** on **TUESDAY, MAY 19, 2015** at the Monmouth County Park System, Thompson Park, Equipment Services Division, 805 Newman Springs Rd., Lincroft, NJ 07738. Call Supervising Mechanic Frank Biddle at 732-842-4000 x4337 with any questions.

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

The Monmouth County Park System reserves the right to reject the trade-in allowance and purchase the mower 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 mower available for pickup.

DELIVERY: Thompson Park - Equipment Services Division
805 Newman Springs Rd.
Lincroft, NJ 07738
Attn: Area - #404

**NOTE: For vendor reference purposes only,
the unit specified is comparable to a Woods BW2400X Batwing
Rotary Mower**

ITEM #3 - MOWER II – GREENS (GAS) WITH GROOMER ATTACHMENT

Engine	18 hp (13.4 kW) Briggs & Stratton® gasoline engine, governed to 2850 rpm high idle, 1650 rpm low idle. Air cooled, 34.8 cu. in. (570 cc)
Fuel Capacity	7 gallon (26.5 liter) capacity; unleaded gasoline.
Traction Drive	2WD, hydrostatic piston pump closed loop system. Foot pedal forward and reverse; infinitely variable.
Ground Speed	Forward — 1st, mow: 3.8 mph (6.1 km/h); 2nd, transport: 8.1 mph (13 km/h). Reverse — 1.9 mph (3 km/h).
Turf Compaction	8-10 psi (dependent on tire pressure) with operator and cutting units down.
Implement Drive	Single gear pump, mono valve block, series reel drive to 3 reel motors.
Steering	Power steering. Adjustable steering wheel tilt and a 5-position steering arm tilt.
Electrical Features	12 volt lead acid, group size U1, with 300 minimum cold cranking amps at 0° F and 34 minutes reserve capacity at 85° F/25 amps draw. 16 amp alternator. Ignition switch/key. Seat switch. Harness terminals and fuse slot available for lights.
Controls/Gauges	Raise/lower-mow lever (joystick). Functional control lever (neutral, mow, transport). Foot operated traction drive and brakes. Hour meter. Hand operated throttle and choke. Mechanical engine speed control.
Tires	18 x 9.5-8, 2-ply pneumatic tubeless, demountable and interchangeable with smooth tread.
Brakes	Two 6" (15.2 cm) drum type.
Hydraulic Oil	7.5 gallon (28.4 liter) tank with internal baffle. 1.0 gallon (3.8 liter) auxiliary tank.
Leak Detection	Equipped with Turf Guardian™ leak detection system.

Sound Level	81 dB(A) at operator's ear under normal conditions.
Overall Dimensions	Wheel Tread: 49.5" (149.9 cm), Wheel Base: 47" (119 cm), Length: 90" (229 cm), Width: 69.75" (177 cm) w/reels, Height: 48.5" (123 cm), Weight (no reels): 970 lbs. (440 kg), Weight w/reels (no fuel, no operator): 1,256 lbs. (570 kg).
Width of cut	59" (150 cm)
Reel Speed	Approximately 1975 RPM at 2850 engine RPM.
Cutting Unit Suspension	Cutting units are completely free-floating, each attaching to the tractor by direct pull links and lifted by a centered lift arm. Baskets are supported by carrier frames that are ground following. Cutting unit floatation is unaffected by basket content. Grass baskets are all interchangeable and accessible from the front of the machine.
Accessories	Light kit, and arm rest kit
Safety	ROPS (Roll over Protective Structure) Seatbelt standard
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 2014 Service Reference CD Operator training video

Cutting Units

Tractor	These units will mount on any riding Greensmaster. All cutting units to be identical (no right or lefts), and interchangeable with existing traction units in inventory. Cutting units to be pulled by the traction unit frame, not pushed.
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 to .297") (1.6 to 7.5 mm).

Frame	Precision machined, die-cast aluminum cross member with two bolt-on die-cast aluminum side plates.
Reel Weldment	Reels are 5" (13 cm) in diameter, 21" (53.3 cm) in length. 11 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 double row, self-aligning ball bearings, 30 +/- .1 mm inside diameter slip fit onto reel shaft with lock nut. Multiple seal barriers on both sides of bearing for added protection. Reel position maintained by a wave washer with no adjusting nut.
Reel Drive	The reel weldment shaft is a 1.375" (35 mm) diameter tube with drive inserts permanently pressed in both ends. A replaceable floating coupler with an internal eight tooth spline is factory installed on the right end, and held in place by a snap ring. The floating coupler may be moved to the other end.
Bedknife	Replaceable single edged, high carbon steel bedknife austempered to RC 48-55, fastened to a machined cast iron bedbar with 13 screws. Each unit is to be equipped with a Tournament bedknife with a height of cut range .125-.375 in.
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 roller: Aluminum Narrow spaced Wiehle roller 2.5" diameter with sealed bearing and through-shaft (steel-tube). Rear roller: Steel full roller 2" diameter with sealed bearings and through-shaft
Powered Rear Roller Brush	Equipped with powered rear roller brush.
Groomer Attachment	Equipped with powered groomer attachment
Grass Shield	Non-adjustable shield with adjustable cut-off bar to improve grass discharge from reel in wet conditions.
Maintenance	No grease zerks, sealed bearing design eliminates daily maintenance.

Aggressiveness	Aggressiveness stays constant throughout the life of the reel.
Quantity	One (1)
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).
Delivery To	Thompson Park Equipment Services Division 805 Newman Springs Rd Lincroft, NJ 07738 Attn: Area 427
Note	For vendor reference purposes only: The unit specified shall be comparable to a Toro Greensmaster 3150 Q (model 04357), with one set of three 11-blade dual point adjust cutting units (model 04611), powered rear roller brush (model 04640) and Tournament bedknives (model 93-4264).

ITEM #4 - MOWER #III - RIDING 2 WD HYBRID GREENSMOWER
(GASOLINE)

Engine	Briggs and Stratton Vanguard, 21 HP (13.4 kW) governed to 2920 high idle, 1650 rpm low idle, 2 cylinder, air cooled, gasoline engine. Displacement: 38.3 cu-in (627 cc).
Fuel Capacity	6 Gallons. (22.7 liter). Replaceable fuel filter.
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	48V-5400 watt air cooled brushless permanent magnet generator in parallel with 48V 9Ah battery set powers three 48V-1100 watt brushless permanent magnet 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	12 volt lead acid, group size U1, with 300 Minimum cold cranking amps at 0 degrees F and 34 minutes reserve capacity at 85 Degree F/25 amps draw. Ignition switch/key. 50 amp alternator. Seat switch. Harness terminals and fuse slot available for light installation.
48 Volt system for Electric reels	4-12 9Ah sealed, maintenance-free, VRLA batteries, 48 volt system is isolated from 12 volt including frame and chassis
Controls	Ignition: Off/Run/Start. Throttle: Low - High Idle. Choke (AC only): Open /Closes choke plate. 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, Spin on oil filter. Diagnostic indicator.

Tires/Wheels	Three, 19 x 10.5 x 8, 2-ply rating pneumatic tubeless demountable. Smooth tread. Tire pressure: 12 - 18 psi front and rear. Rear wheel tracks within the radius of the front wheel
Brakes	Hand-actuated parking brake lever with two 6" (15.2 cm) diameter drum brakes mounted on the front wheel motors. Breaking through traction drive Dynamic breaking through hydrostatic traction drive
Hydraulic Oil	5.5 Gallon tank
Leak Detection	Turf Guardian Leak Detection system that sounds an alarm and activates warning light with the loss of 3 to 5 ounces of hydraulic oil
Sound Level	80 dB(A) at operator's ear under normal conditions
Overall Dimensions	Wheel Tread: 50.5" (128.3 cm) Wheel Base: 47" (119 cm) Length: 98" (249 cm) Width: 70.84" (180 cm) w/reels Height: 80.83" (205 cm)
Weight	1212 lbs.(550 kg)
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. Powered rotating rear roller brush
<u>Cutting Units</u>	
Type	3 cutting units (11-bladed with a total width of cut 59 inches. Frame precision machined, die cast aluminum cross member with

two bolt-on die-cast aluminum side plates. Quick connect/disconnect feature for both the reel and the cutting unit, no tools required.

- Cutting Unit Suspension** Double a A-arm suspension utilizing sealed ball joints for free cutting unit motion in pitch, roll, and yaw. Suspension is counterbalanced to prevent weight of suspension components and empty basket from affecting cutting unit. Basket directly mounted to cutting unit displacing grass clipping weight evenly over both cutting rollers.
- 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 weldment shaft is a 1.375" (35 mm)diameter tube with internally splined threaded insert
- 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 points, lift gate foot rest, visible level fluid indication, 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. Edgemax Microcut Bedknife is standard on all cutting units.

Bedknife Adjustment	Dual screw, indexed “click” adjustment to the reel with an aggressiveness that stays consistent throughout life of the reel (patented design). 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	11-blade: 86 lbs. (39 kg) with aluminum Wiehle Roller.
Accessories	Powered rotating rear roller brushes, light kit, arm rest kit, leak detection kit, hour meter and dew whip holder Spare Filters: Where spare filters are available, one (1) additional set will be provided with each unit
Manuals	Parts, service and operator’s manual to be included.
Warranty	Two-year limited warranty.
Quantity	Two (2)
Deliver to:	Thompson Park Equipment Services Division 805 Newman Springs Rd Lincroft, NJ 07738 Attn: Area 416
Note:	For vendor reference purposes only: The unit specified shall be comparable to a TORO GREENSMaster TRIFLEX HYBRID 3320 (04530) with , LEAK DETECTOR (04715), LIGHT KIT (04717), and STANDARD ARMREST KIT (92-7307), DEW WHIP HOLDER (119-7138). Cutting units should be comparable to 11-BLADE TORO TRIFLEX DPA CUTTING UNIT (04615), with DPA REAR ROLLER ADJUSTMENT KIT (114-4630), POWERED ROTATING REAR ROLLER BRUSHES (04724) NARROW WIEHLE ROLLER DPA (04626) .

ITEM #5 - MOWER #IV - GAS GREENS MOWER

Engine:	18 hp (13.4 kW) Briggs & Stratton® gasoline engine, governed to 2850 rpm high idle, 1650 rpm low idle. Air cooled, 34.8 cu. in. (570 cc)
Fuel Capacity	7 gallon (26.5 liter) capacity; unleaded gasoline.
Traction Drive	2WD, hydrostatic piston pump closed loop system. Foot pedal forward and reverse; infinitely variable.
Ground Speed	Forward — 1st, mow: 3.8 mph (6.1 km/h); 2nd, transport: 8.1 mph (13 km/h). Reverse — 1.9 mph (3 km/h).
Turf Compaction	8-10 psi (dependent on tire pressure) with operator and cutting units down.
Implement Drive	Single gear pump, mono valve block, series reel drive to 3 reel motors.
Steering	Power steering. Adjustable steering wheel tilt and a 5-position steering arm tilt.
Electrical Features	12 volt lead acid, group size U1, with 300 minimum cold cranking amps at 0° F and 34 minutes reserve capacity at 85° F/25 amps draw. 16 amp alternator. Ignition switch/key. Seat switch. Harness terminals and fuse slot available for lights.
Controls/Gauges	Raise/lower-mow lever (joystick). Functional control lever (neutral, mow, transport). Foot operated traction drive and brakes. Hour meter. Hand operated throttle and choke. Mechanical engine speed control.
Tires	18 x 9.5-8, 2-ply pneumatic tubeless, demountable and interchangeable with smooth tread.
Brakes	Two 6" (15.2 cm) drum type.
Hydraulic Oil	7.5 gallon (28.4 liter) tank with internal baffle. 1.0 gallon (3.8 liter) auxiliary tank.
Leak Detection	Equipped with Turf Guardian™ leak detection system.

Sound Level	81 dB(A) at operator's ear under normal conditions.
Overall Dimensions	Wheel Tread: 49.5" (149.9 cm), Wheel Base: 47" (119 cm), Length: 90" (229 cm), Width: 69.75" (177 cm) w/reels, Height: 48.5" (123 cm), Weight (no reels): 970 lbs. (440 kg), Weight w/reels (no fuel, no operator): 1,256 lbs. (570 kg).
Width of cut	59" (150 cm)
Reel Speed	Approximately 1975 RPM at 2850 engine RPM.
Cutting Unit Suspension	Cutting units are completely free-floating, each attaching to the tractor by direct pull links and lifted by a centered lift arm. Baskets are supported by carrier frames that are ground following. Cutting unit floatation is unaffected by basket content. Grass baskets are all interchangeable and accessible from the front of the machine.
Accessories	Light kit, and arm rest kit
Safety	ROPS (Roll over Protective Structure) Seatbelt standard
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 Magneton ignition warranty.
Support Literature	Parts Book Owners/operators manual Service Manual 2014 Service Reference CD Operator training video

Cutting Units

Tractor	These units will mount on any riding Greensmaster. All cutting units to be identical (no right or lefts), and interchangeable with existing traction units in inventory. Cutting units to be pulled by the traction unit frame, not pushed.
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 to .297") (1.6 to 7.5 mm).

Frame	Precision machined, die-cast aluminum cross member with two bolt-on die-cast aluminum side plates.
Reel Weldment	Reels are 5" (13 cm) in diameter, 21" (53.3 cm) in length. 11 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 double row, self-aligning ball bearings, 30 +/- .1 mm inside diameter slip fit onto reel shaft with lock nut. Multiple seal barriers on both sides of bearing for added protection. Reel position maintained by a wave washer with no adjusting nut.
Reel Drive	The reel weldment shaft is a 1.375" (35 mm) diameter tube with drive inserts permanently pressed in both ends. A replaceable floating coupler with an internal eight tooth spline is factory installed on the right end, and held in place by a snap ring. The floating coupler may be moved to the other end.
Bedknife	Replaceable single edged, high carbon steel bedknife austempered to RC 48-55, fastened to a machined cast iron bedbar with 13 screws. Each unit is to be equipped with a Tournament bedknife with a height of cut range .125-.375 in.
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 roller: Aluminum Narrow spaced Wiehle roller 2.5" diameter with sealed bearing and through-shaft (steel-tube). Rear roller: Steel full roller 2" diameter with sealed bearings and through-shaft
Powered Rear Roller Brush	Equipped with powered rear roller brush.
Grass Shield	Non-adjustable shield with adjustable cut-off bar to improve grass discharge from reel in wet conditions.
Maintenance	No grease zerks, sealed bearing design eliminates daily maintenance.
Aggressiveness	Aggressiveness stays constant throughout the life of the reel.

Quantity	Two (2)
Keys	Each unit shall come with four (4) keys
Spare Parts	Where spare filters are available, one (1) additional set will be provided with each unit. (Inner air, outer air, primary fuel, secondary fuel, transmission, engine oil and hydraulic, if applicable to specified unit).
Delivery To	Thompson Park Equipment Services Division 805 Newman Springs Rd Lincroft, NJ 07738 Attn: Area 421, 444
Note	For vendor reference purposes only: The unit specified shall be comparable to a Toro Greensmaster 3150 Q (model 04357), with one set of three 11-blade dual point adjust cutting units (model 04611), powered rear roller brush (model 04640) and Tournament bedknives (model 93-4264).

ITEM #6 - MOWER #V - GREENS WALK

Engine

Type	Air-cooled, Gas
Cycle	4-cycle
Bore and stroke, in. (mm)	2.36 in. x 1.65 in. (60 mm x 42 mm)
Piston displacement, cc	118 cc
Compression ratio	8.5:1
Horsepower, hp (kW)	3.5 hp (2.6 kW) at 3600 rpm, Engine Manufacturer Net Power, Tested in accordance with SAE J1349. The engine horsepower and torque information are provided by the engine manufacturer to be used for comparison purposes only. Actual operating horsepower and torque will be less. Refer to the engine manufacturer's web site for additional information.
Direction of rotation of output shaft	Counterclockwise viewed from shaft side
Inclination limit	Tilted up to 20 degrees in any direction
Idle speed at output shaft, rpm	1400 rpm +/- 150
Maximum speed at output shaft, rpm	2950 rpm +/- 150

Fuel

Type	Regular grade unleaded or leaded
Tank capacity, U.S. qt (L)	2.7 U.S. qt (2.5 L)

Oil

Type	SAE 30 or SAE 10W-30
Capacity, U.S. qt (L)	0.6 U.S. qt (0.57 L)

Differential drive capacity, U.S. qt (L) 0.7 U.S. pt (0.35 L)

Cutting equipment

Cutting width 22 in. (55.9 cm)

Frequency of clip standard, in. (mm) Variable with 5 settings 11 Blade 0.162 (4.1), 0.180 (4.6), 0.220 (5.6), 0.380 (9.7), 0.480 (12.2);

Reel

Diameter, in. (mm) 5 in. (127 mm)

Number of blades 11

Material Heat-treated chromium molydenum steel

Bedknife – 2.5 mm, in. (mm) Min 7/64 in. (2.5 mm) - Max. 7/8 in. (22 mm)

Grass catcher

Size, lb (kg) 7 lb (3.2 kg)

Type Polyethylene

Clutches

Transport Belt tension

Reel jaw-type clutch On/off

GTC jaw-type clutch On/off

Traction drum Dual, aluminum

Traveling device

Forward speed, mph (km/h) 4.5 mph (7.2 km/h) with transport wheels @3000 engine rpm

Roller - rear, in. (mm) Aluminum, 7.5-in. (190-mm) diameter

Roller - front (grooved), in. (mm) Machined steel, 2-in. (50-mm) diameter (for cutting height adjustment)

Dimensions

Length (with tires installed) 39 in. (99 cm)

Width (with tires installed) 37.25 in. (94.6 cm)

Height (with tires installed) 47 in. (119 cm)

Weight (less GTCs, gear drive and transport wheel with catcher) 267 lb (121 kg)

Certificate

Type ANSI B71.4-2004

Sound levels

Operator ear 79 dBA

Measuring standard ISO 11201

Attachments installed GTCs, reels engaged

OPTIONS:

Work Lights

Type Single work light and switch powered by flywheel gen.

BedKnives Min 7/64 in. (2.5 mm) - Max. 7/8 in. (22 mm)

Bedknife – 2.5 mm, in. (mm)

Wheels & Stand

Transport wheels and stand to fit on extended axles and rear frame.

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

Support Literature

Parts Book
Owners/operators manual
Service Manual
2015 Service Reference CD

Quantity

Six (6)

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 John Deere 220
E-Cut Hybrid Greens Walk Mower.**

ITEM #7 - MOWER #VI – (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. Where spare filers are available, One (1) additional set will be provided with each unit.

**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 - #432

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

ITEM #8 - MOWER VII – FAIRWAY (DIESEL)

Engine	Yanmar 36.8HP diesel engine; 3-cylinder liquid cooled. Tier 4 compliant.
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	Front and rear cutting unit lift/lower is sequenced for uniform starting and ending points.
Seat	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;
<u>Cutting Units</u>	
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
Manuals	Parts, service and operator's manual to be included.
Warranty	Two-year limited warranty.

Quantity Two (2)

Spare Parts Where spare parts are available, one (1) additional set will be provided with each unit.

Deliver to: Thompson Park Equipment Services Division
805 Newman Springs Rd
Lincroft, NJ 07738
Attn: Areas 410 & 434 South

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 #9 – MOWER #VIII – ROTARY (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” recycling 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" RECYCLING DECK

TYPE: 72" Width of cut, three blade, front mounted rotary. Mows up to 3.8 acres per hour at 5.5 mph, dependent on conditions.

HEIGHT OF CUT: 1.5" – 5.5", adjustable in .5" increments with spacers on the front caster shafts. Adjustable HOC links for rear of deck.

CONSTRUCTION: 7 Gauge steel, 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 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. Where spare filters are available, one (1) additional set will be provided with each unit.

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: One (1)

DELIVERY: Thompson Park Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn: Area # 443

NOTE: **For reference purposes only:**
The unit shall be comparable to a Toro Groundsmaster 3280D,
2 Wheel Drive Mower with 72" Guardian Recycler Deck

ITEM #10 - UTILITY VEHICLE #1 - GASOLINE

POWER SOURCE:	Gasoline
ENGINE:	Subaru, 4 cycle, overhead cam, 404 cc, single-Cylinder, air-cooled, splash-lubricated with Electronic Fuel Injection
HORSEPOWER:	14 hp @ 3600 rpm, per SAE J1940 Performance Standards
IGNITION:	Electronic
GOVERNOR:	Ground Speed
MAXIMUM TORQUE:	19.91 ft-lb (27.0 N-m) rated @ 2400 RPM
TRANSMISSION:	Continuously Variable Transmission (CVT)
GEAR RATIO:	11.47:1 Forward, 15.63:1 Reverse
DIFFERENTIAL GUARD:	Skid plated protecting differential
BATTERY:	12 volt, 500 CCA, 105 minute reserve
HEADLIGHTS:	Two 37.5 Watt Halogen
GEAR SELECTION:	Forward / Neutral / Reverse, Dash-mounted
INSTRUMENTATION:	Dash-mounted Low-Oil Warning Light Dash-mounted Fuel Gauge / Hour Meter
STEERING MECHANISM:	Self-adjusting Rack and Pinion
FRONT SUSPENSION:	Independent leaf spring with dual hydraulic shocks
REAR SUSPENSION:	Independent leaf springs with dual hydraulic shocks

BRAKES:	Cable activated mechanical drum brakes on all four wheels; self-adjusting
PARK BRAKE:	Foot operated, Multi-lock
FRAME / CHASSIS:	Twin I-beam welded aluminum
FRONT BODY:	Armorflex® with automotive paint / clearcoat
FRONT BUMPER:	Brushguard style, protecting front body and headlights
SIDE, REAR BODIES AND CARGO BED COMPOSITION:	All Aluminum
CARGO BED:	Treated cargo bed floor. Grooved side walls, which accommodate a removable track-based bed attachment system for carrying tools and equipment. Full-width tailgate latch opener.
CARGO BED DIMENSIONS:	46.3"x 49.8"x 10.5" (117.6 x 126.5 x 26.7 cm)
TIRES FRONT:	20x10-10, 6-ply, tubeless
TIRES REAR:	20x10-10, 6-ply, tubeless
WHEELBASE:	78.1" (198.3 cm)
FRONT-WHEEL TREAD:	36.6" (92.9 cm)
REAR-WHEEL TREAD:	39.5" (100.3 cm)
TRAILER HITCH:	Heavy-Duty with hole for drop pin or ball.
SEATING CAPACITY:	2 persons, seamless, vinyl-covered foam bench seat and seat back
OVERALL LENGTH:	118" (299.7cm)

OVERALL WIDTH:	50.3" (127.7cm)
OVERALL HEIGHT AT STEERING WHEEL:	47.1" (119.6 cm)
GROUND CLEARANCE:	5.6" (14.2 cm) at Differential
BED LOAD CAPACITY:	800 lbs. (362.8 kg)
TOTAL VEHICLE CAPACITY:	1,200 lbs. (544.3 kg)
TOWING CAPACITY:	1,200 lbs. (544.3 kg)
COMBINED GROSS VEHICLE CAPACITY:	1,500 lbs. (680.3 kg)
TOP SPEED RANGE:	15-17 mph (24-27 kmh)
SPARE PARTS:	Each unit to come with 1 each - Gas and Oil Filter.
ACCESSORIES:	Canopy Top High-Impact Hinged and Tinted Windshield
WARRANTY:	3 Year Limited Powertrain/Frame Warranty 2 Year Limited Remaining Vehicle Warranty
OTHER:	12 Volt Power Port Beverage/ Cell Phone/ Two-Way Radio Holders, Glove Box Storage on right and left dash board
QUANTITY:	Two (2)
DELIVERY:	Thompson Park – Equipment Services Division 805 Newman Springs Road Lincroft, NJ 07738 Attn. Area – 429, 430
Note:	The unit specified above is a Club Car Carryall 500 (Gasoline)

ITEM #11 - UTILITY VEHICLE #II - GASOLINE

POWER SOURCE: Gasoline

ENGINE: Subaru, 4 cycle, overhead cam, 404 cc, single-Cylinder, air-cooled, splash-lubricated with Electronic Fuel Injection

HORSEPOWER: 14 hp @ 3600 rpm, per SAE J1940 Performance Standards

IGNITION: Electronic

GOVERNOR: Ground Speed

MAXIMUM TORQUE: 19.91 ft-lb (27.0 N-m) rated @ 2400 RPM

TRANSMISSION: Continuously Variable Transmission (CVT)

GEAR RATIO: 11.47:1 Forward, 15.63:1 Reverse

DIFFERENTIAL GUARD: Skid plated protecting differential

BATTERY: 12 volt, 500 CCA, 105 minute reserve

HEADLIGHTS: Two 37.5 Watt Halogen

GEAR SELECTION: Forward / Neutral / Reverse, Dash-mounted

INSTRUMENTATION: Dash-mounted Low-Oil Warning Light
Dash-mounted Fuel Gauge / Hour Meter

STEERING MECHANISM: Self-adjusting Rack and Pinion

FRONT SUSPENSION: Independent leaf spring with dual hydraulic shocks

REAR SUSPENSION: Independent leaf springs with dual hydraulic shocks

BRAKES:	Cable activated mechanical drum brakes on all four wheels; self-adjusting
PARK BRAKE:	Foot operated, Multi-lock
FRAME / CHASSIS:	Twin I-beam welded aluminum
FRONT BODY:	Armorflex® with automotive paint / clearcoat
FRONT BUMPER:	Brushguard style, protecting front body and headlights
SIDE, REAR BODIES AND CARGO BED COMPOSITION:	All Aluminum
CARGO BED:	Treated cargo bed floor. Grooved side walls, which accommodate a removable track-based bed attachment system for carrying tools and equipment. Full-width tailgate latch opener.
CARGO BED DIMENSIONS:	46.3”x 49.8”x 10.5” (117.6 x 126.5 x 26.7 cm)
TIRES FRONT:	20x10-10, 6-ply, tubeless
TIRES REAR:	20x10-10, 6-ply, tubeless
WHEELBASE:	78.1” (198.3 cm)
FRONT-WHEEL TREAD:	36.6” (92.9 cm)
REAR-WHEEL TREAD:	39.5” (100.3 cm)
TRAILER HITCH:	Heavy-Duty with hole for drop pin or ball.
SEATING CAPACITY:	2 persons, seamless, vinyl-covered foam bench seat and seat back
OVERALL LENGTH:	118” (299.7cm)

OVERALL WIDTH: 50.3" (127.7cm)

OVERALL HEIGHT AT
STEERING WHEEL: 47.1" (119.6 cm)

GROUND CLEARANCE: 5.6" (14.2 cm) at Differential

BED LOAD CAPACITY: 800 lbs. (362.8 kg)

TOTAL VEHICLE CAPACITY: 1,200 lbs. (544.3 kg)

TOWING CAPACITY: 1,200 lbs. (544.3 kg)

COMBINED GROSS
VEHICLE CAPACITY: 1,500 lbs. (680.3 kg)

TOP SPEED RANGE: 15-17 mph (24-27 kmh)

SPARE PARTS: Unit to come with 1 spare oil and fuel filter.

WARRANTY: 3 Year Limited Powertrain/Frame Warranty
2 Year Limited Remaining Vehicle Warranty

OTHER: 12 Volt Power Port
Beverage/ Cell Phone/ Two-Way Radio Holders,
Glove Box Storage on right and left dash board

QUANTITY: One (1)

DELIVERY: Thompson Park – Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn. Area – 421

**NOTE: The unit specified above is a Club Car
Carryall 500 (Gasoline)**

ITEM #12 - UTILITY VEHICLE #III - 4X4 (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"
DryWeight -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
Specifications #36 of 137
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, shall come equipped with standard gas assisted manually dumping rear cargo box (1,000lbs capacity.)
Lighting –Two 27 watt halogen
Instrumentation –Digital gauge, Speedometer, Odometer, Tachometer, Tripmeter, Hour Meter, Clock, Gear Indicator, Fuel Gauge, Hi-Temp/Low-Battery Lights
Removable Roof/ Plastic
Removable Windshield with/ Wiper

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 #439

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 #IV - ELECTRIC

POWER SOURCE:	Electric
DRIVE MOTOR:	48V DC, Shunt / Sepex
HORSEPOWER:	3.7 hp (2.7 kW) rated, Peak 20 hp (14.9 kW)
MAXIMUM TORQUE:	71 ft-lb (96.2 N-m) rated @ 1450 RPM
TRANSMISSION:	Direct drive, Double-reduction helical gear
GEAR RATIO:	12.32:1
DIFFERENTIAL GUARD:	Skid plated protecting differential
ELECTRICAL SYSTEM:	48-volt DC, with on-board computer, on-board Programmable solid state speed controller and reduced speed reverse
BATTERIES:	8 High-capacity 6 Volt, Flooded Lead Acid 105 min. capacity @ 75 amps
CONTROLLER:	500 Amp, Solid State
CHARGER:	100-240V, 1100W Input, 12A Draw(100V) 48V, 18A DC, 1000W DC Output, 92% efficient at 120V, weighs 11 lbs. (5 kg) 1 kW High-Frequency, On-Board
HEADLIGHTS:	Two 37.5 Watt Halogen
GEAR SELECTION:	Forward / Neutral / Reverse, Dash-mounted
INSTRUMENTATION:	Dash-Mounted Low-Charge Warning Light
STEERING MECHANISM:	Self-adjusting Rack and Pinion
FRONT SUSPENSION:	Independent leaf spring with dual hydraulic Shocks

REAR SUSPENSION:	Independent leaf springs with dual hydraulic shocks
BRAKES:	Cable activated mechanical drum brakes on all four wheels, self-adjusting
PARK BRAKE:	Foot operated, Multi-lock
FRAME / CHASSIS:	Twin I-beam welded aluminum
FRONT BODY:	Armorflex® with automotive paint / clearcoat
FRONT BUMPER:	Brushguard style, protecting front body and headlights
SIDE, REAR BODIES AND CARGO BED COMPOSITION:	All Aluminum
CARGO BED:	Treated cargo bed floor. Grooved side walls, which accommodate a removable track-based bed attachment system for carrying tools and equipment. Full-width tailgate latch opener.
CARGO BED DIMENSIONS:	46.3"x 49.8"x 10.5" (117.6 x 126.5 x 26.7 cm)
TIRES FRONT:	20x10-10, 6-ply, tubeless
TIRES REAR:	20x10-10, 6-ply, tubeless
WHEELBASE:	78.1" (198.3 cm)
FRONT-WHEEL TREAD:	36.6" (92.9 cm)
REAR-WHEEL TREAD:	39.5" (100.3 cm)
TRAILER HITCH:	Heavy-Duty with hole for drop pin or ball.
SEATING CAPACITY:	2 persons, seamless, vinyl-covered foam bench seat and seat back

OVERALL LENGTH: 118" (299.7cm)

OVERALL WIDTH: 50.3" (127.7cm)

OVERALL HEIGHT AT STEERING WHEEL: 47.1" (119.6 cm)

GROUND CLEARANCE: 5.6" (14.2 cm) at Differential

BED LOAD CAPACITY: 800 lbs. (362.8 kg)

TOTAL VEHICLE CAPACITY: 1,200 lbs. (544.3 kg)

TOWING CAPACITY: 1,200 lbs. (544.3 kg)

COMBINED GROSS VEHICLE CAPACITY: 1,500 lbs. (680.3 kg)

TOP SPEED RANGE: 15-17 mph (24-27 kmh)

ACCESSORIES: Canopy Top
High-Impact Hinged and Tinted Windshield

WARRANTY: 4 Year Limited Battery Warranty
3 Year Limited Powertrain/Frame Warranty
2 Year Limited Remaining Vehicle Warranty

OTHER: 12 Volt Power Port
Beverage/ Cell Phone/ Two-Way Radio Holders,
Glove Box Storage on right and left dash board

QUANTITY: One (1)

DELIVERY: Thompson Park – Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
Attn. Area – 431

NOTE: The unit specified above is a Club Car Carryall 500 (Electric)

ITEM #14 - UTILITY VEHICLE #V - 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. Automatic Tailgate release (92-1220)
Spare Filters	Where spare filters are available, one (1) additional set will be provided with each unit.

Warranty	Two year limited warranty for parts, labor and transportation.
Support Literature	Parts Book Owners/operators manual Service Manual Service Reference CD
Quantity	Two (2)
Delivery To	Thompson Park Equipment Services Division 805 Newman Springs Rd Lincroft, NJ 07738 Attn: Area 416, 421
Note	For vendor reference purposes only: The unit specified shall be comparable to a Toro Workman HDXD-4 (07387) with Automatic Tailgate Release (92-1220)

ITEM #15 - UTILITY VEHICLE #VI - WITH MOUNTED SPREADER (DIESEL)

Engine	3-cylinder, 4-cycle, liquid cooled, 25 hp Kubota diesel engine. Tier 4 compliant 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.

Hand Throttle: Mechanical throttle and speed limit control that provides constant RPM for stationary attachments or a controlled maximum speed for applications such as spraying or spreading.

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

ProFoam Marking Kit: Dispenses soap foam droplets during application.

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
2014 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 mounted pendulum action spreader
Delivery To	Thompson Park Equipment Services Division 805 Newman Springs Rd Lincroft, NJ 07738 Attn: Area 434 (1)
Note	For vendor reference purposes only: The unit specified shall be comparable to a Toro Workman HDX-D 2 Wheel Drive Diesel with a mounted Vicon Spreader model PS403

ITEM #16 - SPRAYER I - (300 GALLON)

ENGINE	Kubota, V1505 N/A, Vertical, 4cylinder, 4 cycle, water-cooled, diesel, 1.498L. Rated output 35.5 hp (26.5 kW) Biodiesel B-12 compatible.
COOLING SYSTEM	Mid-mount 3.3 quart radiator. With oil cooler mounted in front
FUEL SYSTEM	10.6 gallons (40 L) steel fuel tank with 1.5" opening on drivers side for fueling; Vented fuel cap with mechanical float style fuel gauge; in-line replacement filter (diesel fuel).
TRACTION DRIVE	Servo-controlled hydrostatic system driving double planetary gear reduction rear wheel drives. Foot pedal control of forward/reverse ground speed.
GROUND SPEED	Forward: 0-10 mph (0-16 km/h). Reverse: 0-4 mph (0-6.4 km/h).
TIRES	Front: 23 x 10.5-12, 4-ply rating, turf tread. Rear: 26.5 x 14-12, 4-ply rating, turf tread.
BRAKES	Individual totally enclosed, multi-disc, wet brakes and parking brakes on rear traction wheels. Hydrostatic braking through traction drive.
MAIN FRAME	Welded high strength steel tubing.
SUSPENSION	Front: straight axle with twin independent leaf springs, dual shock absorbers. Rear: high flotation tires.
STEERING	Full hydraulic power with dedicated power source. 48° steering angle.
GAUGES/INDICATORS	Ignition key switch; Voltage level warning lamp; Coolant temperature warning lamp; Glow plug indicator lamp; Engine oil pressure warning lamp; Spray system pressure gauge; Spray pressure control switch.

CONTROLS	Throttle control; Spray pump control switch; Jet agitator switch; Individual boom On/Off switches; Indicator lights on pump Switch, Agitator and boom switches; Headlight Switch; hour Meter; Seed control switch with indicator light; Plugs for accessory switches.
SEATS	Bucket seats with easy tilt forward bracket; removable bolts allow for adjustment for various seat positions; Seats are interchangeable from left to right
ELECTRICAL FEATURES	12-volt with 690 cold cranking amps at 0°F (-18°C). 12 volt, 40 Amp alternator. Cash mounted ignition switch, with glow plug timing circuit
LIGHTS	Rectangular 12 volt haogen sealed beam headlights.
SOUND LEVEL	86dB(A) at operators ear under normal operation.
WEIGHT	Drive-on weight: 2700 lbs. (1225 kg), shipping weight: 2700 lbs (1225 kg), empty vehicle: 2700 lbs. (1225 kg), Full with operator 5525 lbs (2506 kg), MGWV: 6525 lbs. (2960 kg).
DIMENSIONS	Measurements with spray system: Overall Length: 154" (391 cm) Overall Width: 81" (175 cm) Height: 57.5" (146 cm) Turning Diameter: 15'-7" (4.7m) front tire inside 26'-7" (8.1m) front tire outside
WARRANTY	Two-year warranty.
CERTIFICATION	SAE 2258 Dec 2003 and EU 98/37EC Machinery Directive
SOLUTION TANK	High density, impact resistant polyethylene with large 16" (41 cm) fillwell.
RATED CAPACITY	300 gallon (1136 liter)

SPRAY PUMP	Diaphragm adjustable hydraulic drive; 40 gpm (151 lpm), 220 psi (1500kpa) maximums
AGITATOR	4, side-mounted jet agitators for full tank agitation.
CONTROLS	Throttle lock, agitation on/off switch, master pump switch, boom raise/lower rocker switches. Boom section on/off rocker switches, manual/automatic mode switch and engine speed control.
OPTIONS	Pro Control™ XP spray system console model 41604; Pro Foam marking system, Model 41228; Operator enclosure; It shall incorporate an integrated ROPS structure with seat belts, tinted windows and windshield wiper, activated charcoal filtration system and air conditioning. The enclosure will draw air through the front of vehicle; pass through filtration and air conditioning systems prior to pressurizing the cab; Model 41566; Speedometer Kit, Model 106-4839, Educator (Clean Load) Model Number 41612.
BOOM ASSEMBLY	Standard 3-section, 18.5" (5.6 m) working width. Breaks away fore and aft. Triangular truss open boom. Bi-directional breakaway. Cross for storage and transport. Electric boom lift kit standard. Individual control adjusts boom height to any angle.
SPRAY NOZZLES	Drift reduction, quick-disconnect with diaphragm check valves. Turret Style: Tee Jet QJ360.
NOZZLE TYPES	Three complete sets of Eleven (11) nozzles consisting of the three (3) types listed: GreenLeaf TDAD10 Dual Fan Turbo Drop
SEAT BELTS	Standard equipment for 2 seats.
SPARE SERVICE PARTS	Unit to also include (2) each of the following: oil filter, fuel filter, air filters and hydraulic filter.
MANUALS	Parts, service, and operators

QUANTITY One (1)

DELIVER TO Thompson Park – Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
ATTN: Area # 410

NOTE **For vendor reference purposes only:**
The unit specified shall be comparable to a Toro Multi
Pro 5800-D.

ITEM #17 - SPRAYER II – (175 Gallon)

ENGINE:	Kohler CH740 Command Series, twin cyclinder, air cooled, 4 cycle, 27 HP 920 kW0 gross
TRACTION SYSTEM:	Kanzaki/Tuff Torq 3-speed (forward), 1-speed (reverse), Mechanical transaxle with differential lock.
GROUND SPEED:	Forward: 0-11.5 mph (0-18.5 kph), Reverse: 0-2.5 mph (0-4 kph)
TIRES:	Front: Kenda K404 smooth (treadless); 20 x 10-10 Rear: Kenda turf tread; 24 x 13-12
BRAKES:	Four wheel hydraulic disc, 2-piston calipers Front: 7.5” (19 cm) diameter rotor Rear: 9.5” (24 cm) diameter rotor
MAIN FRAME:	High-strength, formed steel rear frame channels welded to tubular cross members and upper/lower steel tubular structure, ROPS standard
SUSPENSION:	Front suspension – coil over shock; Rear suspension – rigid; rubber tires
STEERING:	Fully hydraulic: steering wheel turns, lock to lock: 3.5
GAUGES/INDICATORS:	Multi-function display (Mini Info Center), pressure gauge and sprayer control switches are all located in console; mechanical fuel gauge
CONTROLS:	Ignition key switch, coke, headlight switch. Optional Wireless hour meter; speed lock
SEAT:	Single, high back cushion seat standard with manual position adjustment with seatbelts
WEIGHT:	2200 lbs. (998 kg) shipping weight

DIMENSIONS:	Measurements with spray system: Length = 160” (4.06m) (w/booms folded in cradles) Width = 70” (1.78m) w/booms folded in cradles Height = 95’ (2.4m) w/booms folded in cradles
WARRANTY:	Two-year limited warranty
SOLUTION TANK:	High density, impact resistant polyethylene with Large 16” (41cm) fill well; tapered bottom and sump with drain
RATED CAPACITY:	175 gallons (662 liters)
SPRAY PUMP:	Hardi 363, 6-diaphragm positive displacement w/1” (2.56cm) input shaft; Input speed 300-1150 rpm, Max flow rate of 51 gmp (193 lpm)
AGITATOR:	3, side-mounted jet agitation nozzles for full tank agitation
CONTROLS:	Spray pump control switch, agitator jet switch, rate switch, Individual boom on/off switches, indicator lights on pump agitation and boom switches, throttle lock
OPTIONS:	Pro foam marking kit; select foam for either boom or both
BOOM ASSEMBLY:	18.5’ (5.6 cm) three section, triangular truss-style open booms
BOOM ACTUATORS:	Heavy-Duty hydraulic lift actuators with nitro-steel plated shafts; 1-3/4” (4.4 cm) Bore x 10.06” (25.6cm) stroke
SPRAY NOZZLES:	Eleven nozzle turrets, triple turret-mount, quick-disconnect with diaphragm check valves
NOZZLE TIPS:	One complete set of eleven (11) nozzles consisting of: A1C TeeJet Air Induction Flat Fan, Model 120-0705
SPARE SERVICE PARTS:	Unit to also include (1) each of the following: oil filter, fuel filter, air filter and hydraulic filter
MANUALS:	Parts, service and operators

QUANTITY: One (1)

DELIVER TO: Thompson Park – Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
ATTN: Area # 421

**NOTE: For vendor reference purposes only:
The unit specified shall be comparable to a Toro Multi
Pro 1750**

ITEM #18 - SNOWBLOWER

Auger System 14" extra-large serrated auger with Anti-Clogging System

Capacity per Minute Up to 2,200 lbs / 1,000 kg*

Chute Control Joy stick

Clearing Width 28" (71 cm)

Engine Briggs and Stratton OHV 4-cycle gasoline engine

Engine Displacement 342cc

Fuel Capacity 3.4 Quarts / 3.2 L

Lighting Headlight Standard

One-Hand Interlock Standard

Scraper Pivoting

Speeds 6 Forward, 2 Reverse

Starter Electric Start

Throw Distance Up to 45' / 13.5 m*

Tires 16" (41 cm)

Warranty	3 Year Limited Warranty** Deflector, Bypass, Chute Warranty Guaranteed for Life**
Weight	269 lbs. / 122 kg
Gear Box	Commercial grade no shear pins needed
Support Literature	Parts Book 2 - Owners/operators manual Service Manual
Quantity	One (1)
Delivery To	Thompson Park Equipment Services Division 805 Newman Springs Rd Lincroft, NJ 07738 Attn: Area 421
Note	For vendor reference purposes only: The unit specified shall be comparable to a Toro Power Max HD 1128 OHXE (38803)

ITEM #19 - PUMP

Engine	GX160 (5.5 HP OHV)
Displacement	163 cc
Bore and stroke	2.7" x 1.8"
Compression Ratio	9.0:1
Oil Alert	Std
Pump type	Trash Centrifugal Self-priming
Volute	Rigid Mounted Cast Iron w/ Stainless Wear Plate
Impeller	Conical Cast Iron
Mechanical Seal (Pump case / impeller)	Silicon Carbide/Silicon Carbide
Priming time	60 sec. @ 16.4 ft.
Drive system	Direct
Discharge capacity	185 gal/min
Suction port diameter	2"
Discharge port diameter	2"
Total head lift	85 ft.
Suction head lift	26 ft.
Maximum pressure	37 psi
Solids handling	13/16 inches
Dimensions (LxWxH)	24.4" x 18.1" x 18.3"
Dry weight	104 lbs.
Fuel Capacity	0.82 gal
Run Time @ Max Discharge	1.5 hr
Commercial Warranty	3 years

Accessories: Unit to also include (1) each of 2” Hose Kit (to include 20’ suction hose w/screening filter and 50’ discharge hose, both with Cam Lock attachment design.)

QUANTITY: One (1)

DELIVERY: Thompson Park –Equipment Services Division
805 Newman Springs Rd.
Lincroft, NJ 07738
ATTN: Area #453

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

**NOTE: For vendor references purposes only:
The unit shall be comparable to a Honda WT20X Trash Pump**

ITEM #20 - 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 Magnatron ignition warranty.
Support Literature	Parts Book, Owners/operators manual Service Manual 2013 Service Reference CD Operator training video
Accessories/Spare Filters	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 # - 410

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

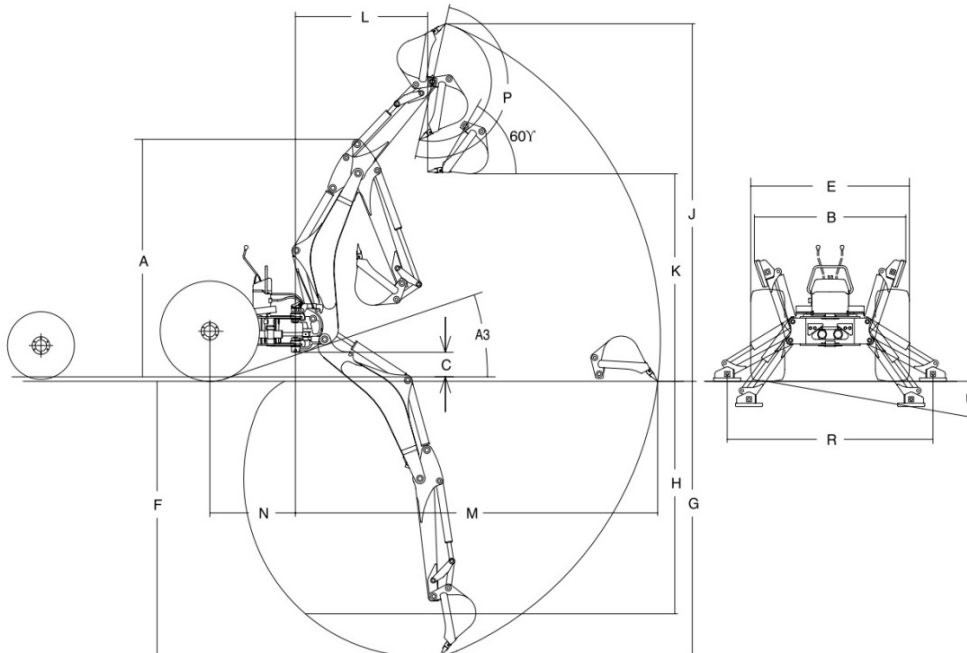
ITEM #21 - BACKHOE ATTACHMENT FOR A KUBOTA M59 TRACTOR

Compatibility

Must be fully compatible to attach to an existing Kubota TLB Series M59 Tractor.

Operating Dimensions:

A. Transport height	123.9 in.
B. Stabilizer spread-transport	67.2 in.
C. Ground clearance	13.8 in.
E. Overall width	75.0 in.
F. Digging depth, maximum	144.0 in.
G. Digging depth, 2ft. flat bottom	143.00 in
H. Digging depth, 8ft flat bottom	127.6 in.
J. Operating height, fully raised	183.1 in.
K. Loading height	105.9 in.
L. Loading reach	69.3 in.
M. Reach from swing pivot	187.9 in.
N. Swing pivot to rear axle center line	39.7 in.
P. Bucket rotation	180 deg.
X. Swing arc	180 deg.
R. Stabilizer spread-operating	89.3 in.
A3. Angle of departure per SAE J1234	20.7 deg.
U. Leveling angle	10.0 deg.



Digging force using bucket cylinder
Digging force using dipperstick cylinder
Trunnion type boom swing mechanism
Thumb Hydraulics

7602 lbs.

4731 lbs.

Two cylinders.

Auxiliary hydraulics for thumb shall come with the backhoe attachment as well as a hydraulic thumb kit and parts needed for the M59 tractor.

Bucket Options

Unit to include a quick coupler for quick attach bucket. Two buckets are to be included: one (1) 12” quick attach bucket and one (1) 18” quick attach bucket.

Other Options

One set of two (2) stabilizer pad kits for backhoe.

Manuals

Parts, service and operator’s manual to be included.

Warranty
Quantity

Two-year limited warranty.

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 Kubota backhoe attachment with auxiliary hydraulics for thumb (BT1200V) and include a hydraulic thumb kit for BT1200V backhoe (BT4599), a quick coupler for quick attach buckets (BTY4580) both a 12” and 18” quick attach buckets (BT4582 and BT4584) and two (2) stabilizer pad kits for backhoe (L9467).

ITEM #22 – AERATOR - FAIRWAY – THREE POINT HITCH

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, 3/4" (19 mm) Mount Tine Holders

Tines: Titan side eject, 5.75" long, 0.51" ID, 0.70" OD, wall thickness 0.122", part number 108-9260.

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, .70 ODD wall thickness .122 part number 108-9260), 1 extra set of Turf Guards (110-4363, 110-4364 and 110-4361) per machine

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
2014 Service Reference CD
Operator training video

Quantity: Three (3)

Delivery To: Thompson Park Equipment Services Division
805 Newman Springs Rd
Lincroft, NJ 07738
Attention Area – 421, 427, 434

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 #23 – OVERSEEDER (3 POINT HITCH)

UNIT WIDTH:	74”
UNIT HIGHT:	51”
UNIT LENGTH:	40” (without PTO shaft)
CAPACITY:	4.77 Cubic Feel
APPLICATION PATTERN:	Seed Spacing: 1 ½” Apart
APPLICATION WIDTH:	60”
SEED GATE:	Manually Operated, Variable Opening
GROUND SPEED:	Up to 5.5 mph
PRODUCTIVITY:	Up to 3 acres per hour
CUTTING HEADS:	3 heads, independently floating
BLADE ASSEMBLY:	3 WaveBlade sets, total 30 blades.
BLADE ASSEMBLY OPERATING DEPTH RARNGE:	0 to 1 3/8”
TRACTOR/ HORSEPOWER REQUIREMENTS:	35 HP minimum to 60 HP maximum
DRIVE:	540 PTO
HITCH TYPE:	Category 1 or 2, 3-pt. hitch
WEIGHT:	1,150 LBS.
MAX. WEIGHT WITH SEED HOPPER FULL:	1,125 LBS.
MANUALS QUANTITY	Parts, service, and operators One (1)

DELIVER TO

Thompson Park – Equipment Services Division
805 Newman Springs Road
Lincroft, NJ 07738
ATTN: Area # 410

NOTE

**For vendor reference purposes only:
The unit specified shall be comparable to a
Turfco TriWave 60-Inch Overseeder.**

ITEM #24 - TINE HARROW MAT

Make/Model:.....Flexible Tine Harrow with three point hydraulic lift steel frame

Width:.....12'

Length:.....7-1/2'

Tines:.....7/16" diameter, 3-1/2" long, high carbon steel

Draw Bar:.....Heavy-duty tubular steel with pull hitch

Assembly:.....Harrows are sectionalized for easy handling and quick assembly. Simple hooks fasten the sections together.

Accessories:.....Parts & service manuals

Quantity:.....One (1)

Delivery:.....Thompson Park, Auto Shop
805 Newman Springs Road
Lincroft, NJ 07738
Attn: #434

NOTE:.....**For vendor purposes only: The unit specified shall be comparable to a Fuerst, Hercules Model LN12 / H12 foot F-l-e-x-i-b-l-e Tine Harrow with three point hydraulic lift steel frame**

ITEM #25 - BOX SCRAPER

WORKING WIDTH	84”
HEIGHT	24.5”
DEPTH	40.2”
HEAPED CAPACITY	30 CU. FT (EST)
END PLATE THICKNESS	.5”
CUTTING EDGE SIZE	.5” x 6”
FEATURES	Replacement end plate wear bits 8 Shanks (Scarifier) Fixed tailgate Cat 2 Hitch 2 Cutting edges Must fit 2008 CASE 570MXT
QUANTITY:	One (1)
DELIVERY:	Thompson Park –Equipment Services Division 805 Newman Springs Rd. Lincroft, NJ 07738 ATTN: Area #409
NOTE:	For vendor reference purposes only: This unit shall be comparable to a WOODS Box Scraper 84HSD

ITEM #26 - GREENS ROLLER - GAS

Engine	13 HP Honda, Electric Start
Battery	12 Volt
Fuel Capacity	6 gallons
Cooling	Cooling Fan
Drive Rollers	2 - Oscillating steel rollers, both driven for positive traction. 1-1/4" roll mounting bearing. Diameter 10-3/4", 36" long with beveled ends & scrapers.
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	11 MPH, Approximately
Ground Pressure	Without water, 10 lbs. P.S.I., with water, add 200 lbs., or 1.4 P.S.I.
Swath	36"
Tire/Wheel Assys.	8.5 x 8.5-8, 6 Ply, Turf Tires Hydraulically Operated (4). Drive Wheels (2)
Hyd. Cylinders	Quantity 4, 1-1/2"
Raise/Lower Lever	Hydraulic Lever to Raise and Lower Wheels on the fly
Hyd. System	1,500 PSI Hydraulic System
Options	Light Kit, Arm-Rest seat
Manuals	Parts, service and operator's manual to be included.
Warranty	5 years limited
Quantity	Two (2)
Deliver to:	Thompson Park Equipment Services Division 805 Newman Springs Rd Lincroft, NJ 07738 Attn: Areas 421, 434
Note:	For vendor reference purposes only: The unit specified shall be comparable to a SALSCO ROLL-N-GO GREENS ROLLER with light kit and arm-rest seat.

ITEM #27 - 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 - #410

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

ITEM #28 - CORE HARVESTER

UNIT

Gathering Width 55” (1,4 n)
Productivity Clears average green in 15 minutes
Elevator #55 Flight chain, low-speed hydraulic motor drive
Box Conveyor8” (203 mm) Wide Chevron belt, hydraulic motor drive
Box Extension Wood side boards are standard to prevent
..... spillage on uneven terrain
Flotation Spring balanced parallel link system with vertical
..... and rotational freedom
Lift Manual with spring assist
Power Source Turf Truckster hydraulic system through selector valve
Hydraulic Connection Quick disconnect couplers
Weight Transfer Accessory weight carried through air adjustable
..... Shock absorber by 18 x 9.50-8 turf tire

Dimensions

Height 69.5” (1.8 m)
Width Adds 37” (940 mm) to width of truck
Weight 418 lbs. (190 kg)
Vehicle Requirements Turf Truckster must be equipped
..... with 3.2:1 ratio gears in the auxiliary gear box,
..... hydraulic system, flatbed and steel box or polyethylene box

Quantity: One (1)

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

**NOTE: For vendor reference purpose only:
The unit specified shall be comparable to a Cushman Core Harvester.**

BIDDER'S CHECKLIST

BID #: 0052-15

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	_____
<u> X </u>	Acknowledgement of Addenda or Revisions (if any)	_____

**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)	_____
<u> X </u>	Disclosure of Energy Sector Investment Activities in Iran	_____

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

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.	Mower I – Tow Behind Flex-Wing Rotary	1	\$	\$
	Make/Model			
2.	<u>Optional Trade-In</u> Mower I (Item #1)– <u>same as above</u>	<u>Minus</u>	-	= \$
3.	Mower II – Greens (Gas) with Groomer Attachment	1	\$	\$
	Make/Model			
4.	Mower III – Riding (Gas) 2WD Hybrid Greensmower	2	\$	\$
	Make/Model			
5.	Mower IV – Greens (Gas)	2	\$	\$
	Make/Model			
6.	Mower V – Greens Walk	6	\$	\$
	Make/Model			
7.	Mower Riding VI – (Diesel)	1	\$	\$
	Make/Model			
8.	Mower VII– Fairway (Diesel)	2	\$	\$
	Make/Model			
9.	Mower VIII – Rotary (Diesel)	1	\$	\$
	Make/Model			
10.	Utility Vehicle I – (Gasoline)	2	\$	\$
	Make/Model			
11.	Utility Vehicle II – (Gasoline)	1	\$	\$
	Make/Model:			
12.	Utility Vehicle III – 4x4 (Gasoline)	1	\$	\$
	Make/Model			
13.	Utility Vehicle IV – (Electric)	1	\$	\$
	Make/Model			
14.	Utility Vehicle V – (Diesel)	2	\$	\$
	Make/Model			
15.	Utility Vehicle VI – (Diesel) with Mounted Spreader	1	\$	\$
	Make/Model			

Submitted By: _____
 Company Name _____

16.	Sprayer I – (300 Gallon)	1	\$	\$
	Make/Model			
17.	Sprayer II – (175 Gallon)	1	\$	\$
	Make/Model			
18.	Snowblower	1	\$	\$
	Make/Model			
19.	Pump – Trash	1	\$	\$
	Make/Model			
20.	Bunker Maintenance Machine	1	\$	\$
	Make/Model			
21.	Backhoe Attachment for a Kubota M59 Tractor	1	\$	\$
	Make/Model			
22.	Aerator - Fairway, Tow Behind	3	\$	\$
	Make/Model:			
23.	Overseeder	1	\$	\$
	Make/Model			
24.	Tine Harrow Mat	1	\$	\$
	Make/Model			
25.	Box Scraper	1	\$	\$
	Make/Model			
26.	Greens Roller (Gas)	2	\$	\$
	Make/Model			
27.	Blower (Debris) Trailer Mounted	1	\$	\$
	Make/Model:			
28.	Core Harvester	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: _____

Submitted By: _____
Company Name

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.

County of Monmouth, State of New Jersey
Division of Purchasing
DISCLOSURE OF ENERGY SECTOR INVESTMENT ACTIVITIES IN IRAN
New Jersey Public Law 2012, Chapter 25

Solicitation Number: _____ **Bidder / Respondent:** _____

Project Description: _____

PART 1 – CERTIFICATION – CHECK THE APPROPRIATE BOX:

A. I certify that neither the Bidder / Respondent nor any of the Bidder's / Respondent's parents, subsidiaries, or affiliates, as defined in C.52:32-56(e), is on the "Chapter 25 List" created and maintained by the New Jersey Department of the Treasury, as a person or entity engaging in the energy sector investment activities in Iran described in C.52:32-56(f). The Chapter 25 List may be found at <http://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf>.

OR

B. The Bidder / Respondent and/or one or more of its parents, subsidiaries or affiliates is a person or entity on the Chapter 25 List referred to above. A detailed and precise description of the relevant activities of the listed Bidder / Respondent and/or listed parents, subsidiaries or affiliates is provided in Part 2 below.

PART 2 – ADDITIONAL INFORMATION – COMPLETE PART 2 ONLY IF B. IN PART 1 IS CHECKED:

The following is an accurate and precise description of the energy sector investment activities in Iran of the Bidder / Respondent and/or listed parents, subsidiaries or affiliates, on the Chapter 25 List (attach additional pages as necessary to make full disclosure):

Name of Person(s) or Entity(ies) on the Chapter 25 List: _____

Relationship to Bidder / Respondent: _____

Description of Activities: _____

Duration of Engagement: _____ Anticipated Cessation Date: _____

Bidder / Respondent Contact Name: _____ Contact Phone Number: _____

Check here if additional pages are attached and state number of attached pages: _____ (Number of pages attached.)

CERTIFICATION FOR PART 1 AND, IF APPLICABLE, PART 2: I, being of full age, hereby certify that the foregoing information and any attachments hereto are to the best of my knowledge true and complete. I certify that I am authorized to execute this certification on behalf of the Respondent. I acknowledge that the County of Monmouth will rely on the information contained herein and thereby acknowledge that I and the Bidder / Respondent are under a continuing obligation from the date of this certification through the completion of any contracts with the County to notify the County in writing of any changes to the answers or information contained herein.

I certify that the foregoing statements made by me are true. I am aware that if any of the foregoing statements made by me is willfully false, I am subject to punishment and the Bidder / Respondent is subject to the penalties stated in C. 52:32-59 and C. 40A:11-2.1.

Full Name (Print) _____ Signature: _____

Title: _____ Date: _____

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.**

