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TO: Executive Departments/Agencies City and County of Honolulu
Department of Education Honolulu City Council
Hawaii Health Systems Corporation Honolulu Board of Water Supply
Office of Hawaiian Affairs Honolulu Authority for Rapid Transportation
University of Hawaii County of Hawaii
Public Charter School Commission Hawaii County Council
and Schools County of Hawaii – Department of Water Supply
House of Representatives County of Maui
Senate Maui County Council
Judiciary County of Maui – Department of Water Supply
County of Kauai
Kauai County Council
County of Kauai – Department of Water

M-S

If you have any questions, please contact Stanton Mato at (808) 586-0566 or email stanton.d.mato@hawaii.gov.

**STATE OF HAWAII
STATE PROCUREMENT OFFICE**

SPO Price List Contract No. 16-04
Includes Change No.5
Effective 05/01/2018

**NASPO VALUEPOINT
GROUND MAINTENANCE EQUIPMENT- STATEWIDE**
(RFP No. E194-41677-12MC)
May 20, 2016 to November 04, 2019

INFORMATION ON NASPO VALUEPOINT

The NASPO ValuePoint Cooperative Purchasing Organization is a multi-state contracting consortium of state governments, including local governments, of which the State of Hawaii is a member. NASPO ValuePoint Purchasing Organization seeks to achieve price discounts by combining the requirements of multi-state governmental agencies, and cost-effective and efficient acquisition of quality products and services.

The State of Virginia is the current lead agency and contract administrator for the NASPO ValuePoint Ground Maintenance Equipment contract. A request for competitive sealed proposals was issued on behalf of NASPO ValuePoint Cooperative Purchasing Organization and contracts were awarded to 2 qualified Contractors. The State of Hawaii has signed a Participating Addendum with two (2) Contractors.

The purpose of this contract is to provide Off Road Utility Vehicles, Heavy Duty Equipment (Loaders), Tractors and Tractor Towed Equipment (PTO Driven), Self-Propelled Riding Mowers, Walk-Behind Mowing Equipment as well as equipment for Turf Maintenance Equipment, Recreation Area Equipment (Golf), Aerator Equipment, Blower Equipment, Seeding Equipment, Spraying Equipment and other miscellaneous ground maintenance equipment. The contracts are directly with the Original Equipment Manufacturer(s) (OEM), under a firm percentage of discount off the Manufacturer's Published Price List.

For additional information on this contract, visit the NASPO ValuePoint website at www.naspovaluepoint.com.



PARTICIPATING JURISDICTIONS listed below have signed a cooperative agreement with the SPO and are authorized to utilize this price list contract.

Executive Departments/Agencies	City and County of Honolulu
Department of Education	Honolulu City Council
Hawaii Health Systems Corporation	Honolulu Board of Water Supply
Office of Hawaiian Affairs	Honolulu Authority for Rapid Transportation
University of Hawaii	County of Hawaii
Public Charter School Commission	Hawaii County Council
and Schools	County of Hawaii-Department of Water Supply
House of Representatives	County of Maui
Senate	Maui County Council
Judiciary	County of Maui-Department of Water Supply
	County of Kauai
	Kauai County Council
	County of Kauai-Department of Water

The participating jurisdictions are not required but may purchase from this price list contract, and requests for exception from the contract are not required. Participating jurisdictions are allowed to purchase from other contractors; however, HRS chapter 103D, and the procurement rules apply to purchases by using the applicable method of procurement and its procedures, such as small purchases or competitive sealed bidding. The decision to use this contract or to solicit pricing from other sources is at the discretion of the participating jurisdiction.

POINT OF CONTACT. Questions regarding the products listed, ordering, pricing and status should be directed to the contractor(s).

Procurement questions or concerns may be directed as follows:

Jurisdiction	Name	Telephone	Fax	E-mail
Executive	Stanton Mato	586-0566	586-0570	stanton.d.mato@hawaii.gov
DOE	Procurement Staff	675-0130	675-0133	doeprocure@notes.k12.hi.us
HHSC	Jeff Dansdill	657-3721		jedansdill@hhsc.org
OHA	Phyllis Ono-Evangelista	594-1833	594-1865	phylliso@oha.org
UH	Matthew Chow Karlee Hisashima	956-2765 956-8687	956-2096 956-2093	chowmatt@hawaii.edu karlee@hawaii.edu
Public Charter School Commission and Schools	Jessica Tanaka	586-3783	586-3776	jessica.tanaka@spcsc.hawaii.gov
House	Brian Takeshita	586-6423	586-6401	takeshita@capitol.hawaii.gov
Senate	Carol Taniguchi	586-6720	586-6719	c.taniguchi@capitol.hawaii.gov
Judiciary	Tritia Cruz	538-5805	538-5802	tritia.l.cruz@courts.hawaii.gov
C&C of Honolulu	Procurement Specialist	768-5535	768-3299	bfpurchasing@honolulu.gov
Honolulu City Council	Heather Murakami	768-5084	768-5011	hmurakami@honolulu.gov

Jurisdiction	Name	Telephone	Fax	E-mail
Honolulu Board of Water Supply	Vicki Kitajima	748-5151	550-9193	vkitajima@hbws.org
HART	Nicole Chapman	768-6135	768-5110	nchapman@honolulu.gov
County of Hawaii	Purchasing Division	961-8231	961-8248	purchasing@hawaiicounty.gov
Hawaii County Council	Purchasing Division	961-8231	961-8248	purchasing@hawaiicounty.gov
County of Hawaii-Department of Water Supply	Ka'iulani L. Matsumoto	961-8050 x224	961-8657	kmatsumoto@hawaii.dws.org
County of Maui	Greg King	249-2403 x30	249-0839	greg.king@co.maui.hi.us
Maui County Council	Greg Garneau	270-7664	270-7686	greg.garneau@mauicounty.us
County of Maui-Department of Water Supply	Kenneth L. Bissen	270-7684	270-7136	ken.bissen@co.maui.hi.us
County of Maui-Department of Water Supply	Holly Perdido	270-7684	270-7136	holly.perdido@co.maui.hi.us
County of Kauai	Ernest Barreira	241-4295	241-6297	ebarreira@kauai.gov
Kauai County Council	Lisa Ishibashi	241-4820	241-6349	lishibashi@kauai.gov
Kauai County Council	Scott Sato	241-4810	241-6349	ssato@kauai.gov
County of Kauai-Department of Water	Fay Tateishi	245-5426	241-5813	ftateishi@kauaiwater.org

USE OF PRICE & VENDOR LIST CONTRACTS BY NONPROFIT ORGANIZATIONS. Pursuant to HRS §103D-804, nonprofit organizations with current purchase of service contracts (HRS chapter 103F) have been invited to participate in the SPO price & vendor lists contracts.

A listing of these nonprofit organizations is available at the SPO website: <http://spo.hawaii.gov>. Click on *For Vendors > Non-Profits > Cooperative Purchasing Program > View the list of qualifying nonprofits eligible to participate in cooperative purchasing.*

If a nonprofit wishes to purchase from a SPO price or vendor list contract, the nonprofit must obtain approval from each Contractor, i.e., participation must be mutually agreed upon. A Contractor may choose to deny participation by a nonprofit. Provided, however, if a nonprofit and Contractor mutually agree to this arrangement, it is understood that the nonprofit will retain its right to purchase from other than a SPO price or vendor list Contractor(s).

CONTRACTORS. The authorized contractors are listed in this price list contract. They have signed a Master Agreement with the State of Virginia and a Participating Addendum with the Hawaii State Procurement Office.

The Toro Company (Master Contract # E194-1485)

CNH Industrial America, LLC (Master Contract # E194-1482)

VENDOR CODES for annotation on purchase orders are obtainable from the *Alphabetical Vendor Edit Table* available at your department's fiscal office. Agencies are cautioned that the remittance address on an invoice may be different from the address of the vendor code annotated on the purchase order.

COMPLIANCE PURSUANT TO HRS §103D-310(c). Prior to awarding this contract, the SPO verified compliance of the Contractor(s) named in the SPO Price List Contract No. 16-04. *No further compliance verification is required prior to issuing a contract, purchase order, or pCard payment when utilizing this contract.*

PURCHASING CARD (pCard). The State of Hawaii Purchasing Card (pCard) is required to be used by the Executive departments/agencies, excluding DOE, HHSC, OHA and UH for orders totaling less than \$2,500. For purchases of \$2,500 or more, agencies may use the pCard, subject to its credit limit, or issue a purchase order.

PURCHASE ORDERS may be issued for purchases \$2,500 or more, and for Contractors who either do not accept the pCard, set minimum order requirements before accepting the pCard for payment, or charge its customers a transaction fee for the usage.

SPO PL CONTRACT NO. 16-04 & NASPO VALUEPOINT MASTER AGREEMENT NUMBER E194-1485 and E194-1482 shall be typed on purchase orders issued against this price list contract. For pCard purchases, the SPO PL Contract No. 16-04 and the NASPO ValuePoint Master Agreement Number shall be notated on the appropriate transaction document.

GENERAL EXCISE TAX. The Hawaii General Excise Tax (GET) shall not exceed 4.712% for the island of Oahu and 4.166 % for Maui, Kauai and Hawaii. The GET shall be invoiced as a separate line item. The GET is not applied to shipping or delivery charges.

PAYMENTS are to be made to the Contractor(s) remittance address. HRS §103-10 provides that the State shall have thirty (30) calendar days after receipt of invoice or satisfactory completion of contract to make payment. Payments may also be made via pCard.

LEASE AGREEMENTS are not allowed under this contract.

NON-CONTRACT ACCESSORIES AND ADDITIONS. The equipment provided in this contract are considered to be the functional base to which varied attachments/implements are added in order to perform Department/Agency-provided services. The purchase of non-contract/Allied equipment products, implements, attachments, accessories, parts, and bundles not manufactured by the Contractors that complete the equipment being purchased **shall follow applicable procurement method.**

Non-Contract/Allied equipment are allowed to be purchased on the same order as equipment purchased pursuant to this Contract only when the contracted authorized dealer provides the

lowest quote. *See “how to use this pricelist”. All Allied/Non-Contract items must be specified as “non-contract items” on all orders.

Non-Contract/Allied equipment shall be mounted or installed by an authorized manufacturer, authorized dealer or factory-approved custom shop to maintain a warranty. The Department/Agency may be required to provide documentation for verification if a warranty issue arises.

Non-contract, stand-alone items are not allowed to be purchased through this contract.

QUANTITY DISCOUNTS multiple Unit Discounts (excluding Frontier Products) are allowed under this contract. Add the Contract discount to the multiple unit discount (ex: Price Schedule Discount + Multiple Unit Discount = Total Contract Discount). Discounts are based on the following schedule(s):

The Toro Company

Quantity:	Discount:
3 – 5 basic units	1%
5 – 7 basic units	2%

CNH Industrial America, LLC

Quantity:	Discount:
2 – 3 basic units	1%
4 – 5 basic units	2%
6 – 10 basic units	3%
11 or more basic units	4%

EQUIPMENT TRADE-INS are authorized toward the purchase of new equipment under this Contract. The trade-in value will be determined by negotiation between the Department/Agency and the Authorized Dealer. The description and price of the new equipment and the trade-in value must be itemized on the order. Contractor will invoice the Department/Agency for the Contract price less the trade-in value. Trade-ins must meet the minimum standards required by the authorized dealers.

PARTS AND SERVICING are not included as part of this contract. Use applicable procurement method.

ORDERS shall be issued on an as-needed basis during the contract period. To the extent possible Departments/Agencies shall consolidate orders to maximize discounts and minimize shipping costs. The Contractor shall notify the Department/Agency with an expected delivery date after receipt of order. The Contractor shall honor all orders received during the contract period and deliver according to the contract terms and within the specified delivery time. Contractor is not obligated to accept any order received after the price list expiration date. At time of order, agencies shall include the following:

- (1) SPO PL Contract No. 16-04;
- (2) Applicable NASPO ValuePoint Contract No.;
- (3) Ordering agency's name, address, contact and phone number;
- (4) Order amount and an itemized list of accessories (if applicable); and
- (5) Delivery point.

DELIVERIES The Contractor shall contact the appropriate agency to coordinate delivery arrangements. It shall be the responsibility of the Contractor to offer the services required to deliver items ordered from any product category offered. The Contractor will also be responsible for removal of all packaging materials from the job site on a daily basis. Dumpster and trash receptacles that belong to an agency shall not be used and under no circumstances will an agency's personnel assist with unloading product.

VENDOR AND PRODUCT EVALUATION form, SPO-012, for the purpose of addressing concerns on this price or vendor list contract, is available to agencies at the SPO website: <http://spo.hawaii.gov>. Click on *Forms* on the home page.

PRICE OR VENDOR LIST CONTRACT AVAILABLE ON THE INTERNET at the SPO website: <http://spo.hawaii.gov>. Click on *Price & Vendor List Contracts* on the home page.

HOW TO USE THIS PRICE LIST

1. Identify need and complete Uniform Request for Quotes:

- A. View the category descriptions and current discount matrix as shown below.
- B. Phone the 'Primary Sales Contact' for any questions on products in category.
- C. Download and Complete 16-04-A, Uniform Request for Quotes
- D. Send Uniform Request for Quotes to all Contractors

2. Review Quotes and Place Order:

- A. Authorized Dealer responds by due date specified and will notify the Agency as soon as possible in the event the Contractor is unable to provide the requested services/products.
- B. Review and evaluate received quotes. (Note, Toro/Ness Turf Equipment shipping quote shall not exceed 7%, neighbor island shipping is separate.)
- C. Generate Purchase Order number or get approval for pCard Purchase based on quote.
- D. Phone the 'Primary Payment Contact' the order/payment number (Do NOT provide credit card information in an email) and email or fax them the Uniform Request for Quotes.
- E. Complete form SPO- 010, Record of Procurement. This form is signed by the personnel with delegated authority and is kept with the agencies procurement/contract file.

3. *Optional: To purchase allied/non-contract products to complete desired base product: (Buyers are encouraged to procure for accessories before purchasing base model)

- A. Follow applicable procurement method, notated on form SPO-010 if applicable).
- B. Ensure accessories are delivered to authorized dealer location for installation.
- C. Labor and installation will be included in the contract purchase of the base item.

CONTRACTORS

AND

AUTHORIZED

DEALERS

CONTACT

INFORMATION



Bacon-Universal Company Inc.



Master Agreement No. E194-1482

ADDRESS

Business Address:
430 Sumner Street
Honolulu, HI 96817

Remittance Address:
CNH Industrial America, LLC.
500 Diller Ave
New Holland, PA 17557

CONTACT INFORMATION

Primary Sales: Stephen Burke

Direct Line: (808) 792-2468

Email: sburke@baconuniversal.com

Main Phone: (808) 531-9788

Fax: (808) 526-4026

Secondary Sales: Mike Souza

Phone: (808) 791-0917

Email: msouza@baconuniversal.com

Main Phone: (808) 531-9788

Fax: (808) 526-4026

Primary Payment: Wayne Crow

Direct Line: (717) 355-1683

Email: Wayne.crow@newholland.com

Fax: (877) 764-1369

Website: <http://www.baconuniversal.com/>

Authorized Dealer Locations:

<u>Island/Name</u>	<u>Address</u>	<u>Contact Info</u>
Bacon-Universal Oahu	918 Ahua Street, Honolulu, HI 96819	Phone: (808)839-7202 Fax: (808)834-8110
Bacon-Universal Maui	800 Alua Street Wailuku, HI 96793	Phone: (808)244-9158 Fax: (808)242-5815
Bacon-Universal Kauai	1856 Haleukana Street Lihue, HI 96766	Phone: (808)245-8472
Bacon-Universal Hilo	215A Railroad Avenue Hilo, HI 96720	Phone: (808)935-8595 Fax: (808) 935-1698
Bacon-Universal Kona	74-5039 Queen Kaahumanu Hwy Kona, HI 96740	Phone: (808)326-1212 Fax: (808)326-1822

Hawthorne Pacific Company- Ness Turf Equipment

Master Agreement No. E194-1485

ADDRESS

Business Address:
91-220 Kalaeloa Blvd
Kapolei, HI 96707

Remittance Address:
91-220 Kalaeloa Blvd
Kapolei, HI 96707

CONTACT INFORMATION

Primary Sales: Terence Yogi

Direct Line: (808) 486-8303

Email: tyogi@nessturf.com

Mobile: (808) 783-6735

Fax: (808) 486-8338

Secondary Sales: Leonard Smith

Phone: (808) 486-8301

Email: lsmith@nessturf.com

Toll Free: (877) 683-1032

Primary Payment: Terence Yogi

Phone: (808) 486-8303

Email: tyogi@nessturf.com

Fax: (808) 486-8338

Web site: <http://www.nessturf.com/>

Authorized Dealer Locations:

<u>Island/Name</u>	<u>Address</u>	<u>Contact Info</u>
(Oahu) HPC Main Store	94-025 Farrington Hwy. Waipahu, HI 96797	Phone: (808)677-9111 Fax: (808)676-0323 Toll Free:(800)344-8603
(Oahu) Hawthorne Power Systems	94-025 Farrington Hwy. Waipahu, HI 96797	Phone: (808)676-0205 Fax: (808)676-0264
HPC Maui Branch	470 S. Hana Hwy Kahului, HI 96732	Phone: (808)877-6538 Fax: (808)871-4963
HPC Kauai Branch	1895 Haleukana St. Lihue, HI 96766	Phone: (808)245-4058 Fax: (808)245-8506
HPC Hilo Branch	171 Railroad Ave. Hilo, HI 96720	Phone: (808)961-3437 Fax: (808)961-2551
HPC Kona Branch	74-5524 Kaiwi Street Kailua- Kona, HI 96740	Phone: (808)329-4521 Fax: (808)326-2054

**ATTACHMENT A: APPROVED CONTRACT SPECIFICATIONS BY CATEGORY AND LINE
ITEM FOR GROUND MAINTENANCE EQUIPMENT**

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NOTE: Where minimum engine horsepower and/or PTO horsepower is required for a specification item, the actual horsepower may vary below minimum specification by no greater than 10 percent.

----- CATEGORY 1: Heavy Duty Equipment -----

CATEGORY 1: Heavy Duty Equipment - Compact Tracked Loader

ITEM 1.

All compact track drive loader equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Diesel engine, minimum 80 horsepower:
- Rated operating capacity 2,500 pounds, minimum
- Rated operating capacity at 50% of tipping load 3,600 pounds, minimum
- Tipping load 7,300 pounds, minimum
- Automatic bucket leveling
- Reinforced rubber tracks
- Manufacturer standard bucket

CATEGORY 1: Heavy Duty Equipment - Compact Wheel Drive Skid Steer Loader

ITEM 2.

All compact wheel drive skid-steer loader equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Diesel engine, minimum 70 horsepower:
- Rated operating capacity 2,200 pounds, minimum
- Tipping load 4,300 pounds, minimum
- Automatic bucket leveling
- Manufacturer standard bucket

CATEGORY 1: Heavy Duty Equipment - Backhoe Loader

ITEM 3.

All backhoe loader equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Diesel engine, minimum 90 horsepower,
- 174" (14' 6") minimum backhoe standard dig depth
- 7,000 lbs. minimum loader bucket lift to full height
- ROPS operator cab
- Four wheel drive

----- CATEGORY 2: Tractors -----

CATEGORY 2: Extra Heavy Duty Tractor

ITEM 1.

All heavy duty tractor equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Diesel engine, minimum 130 horsepower:
- 540 RPM rear PTO, 115 horsepower minimum,
- 3-point hitch, 6,000 lbs minimum lift capacity at 24"
- MFWD front axle for on/off 4WD
- Fully enclosed cab

CATEGORY 2: Heavy Duty Tractor

ITEM 2.

All heavy duty tractor equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Diesel engine, minimum 90 horsepower,
- 540 RPM rear PTO, 75 horsepower minimum,
- 3-point hitch, 4,400 lbs minimum lift capacity at 24"
- Four wheel drive
- Enclosed cab

CATEGORY 2: Medium Duty Tractor

ITEM 3.

All medium duty tractor equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Diesel engine, minimum 60 horsepower,
- 540 RPM rear PTO, 50 horsepower minimum,
- 3-point hitch, 3,100 lbs minimum lift capacity at 24"
- Four wheel drive

CATEGORY 2: Compact Tractor

ITEM 4.

All compact tractor equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Diesel engine, minimum 30 horsepower,
- 540 RPM rear PTO, 20 horsepower minimum,
- 3-point hitch, 2,200 lbs minimum lift capacity at 24"
- Four wheel drive

CATEGORY 2: Sub-Compact Tractor

ITEM 5.

All sub-compact tractor equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Diesel engine, minimum 20 horsepower,
- 540 RPM rear PTO, 12 horsepower minimum,
- 3-point hitch, 650 lbs minimum lift capacity at 24"
- Four wheel drive or selectable two wheel drive / four wheel drive
-

----- CATEGORY 3: Tractor Towed PTO Driven Equipment -----

CATEGORY 3: Tractor Towed PTO Driven Mowers - Pull type gang mower, terrain following, on a tilting frame for transport, for heavy duty large area mowing on flat and uneven terrain:

ITEM 1.

All tractor towed PTO driven mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Cutting width 20 feet
- (3) free floating mowing decks
- Drive line for tractor 3-point hitch and 540 RPM PTO
- 1" to 5" cutting height
- Rotary type cutting, (9) cutting blades
- 12" minimum diameter deck tires, pneumatic or semi-pneumatic
- Anti-scalping rollers or wheels

CATEGORY 3: Tractor Towed PTO Driven Mowers - Pull type gang mower, terrain following, on a tilting frame for transport, for general mowing on large areas, flat and uneven terrain, such as parks, golf courses, school yards, large recreation areas:

ITEM 2.

All tractor towed PTO driven mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Cutting width of 15 feet
- (3) free floating mowing decks
- Drive line for tractor 3-point hitch and 540 RPM PTO
- 1" to 5" cutting height
- Rotary type cutting, (9) cutting blades
- 12" minimum diameter deck tires, pneumatic or semi-pneumatic
- Anti-scalping rollers or wheels

CATEGORY 3: Tractor Towed PTO Driven Mowers - Pull type gang mower, terrain following, on a tilting frame for transport, for finish mowing on medium area flat or uneven terrain:

ITEM 3.

All tractor towed PTO driven mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Cutting width of 9 feet, minimum
- (5) free floating mowing decks
- Drive line for tractor 3-point hitch and 540 RPM PTO
- 1" to 3" cutting height
- (5) cutting blades
- 10" minimum diameter deck tires, pneumatic or semi-pneumatic
- Anti-scalping rollers or wheels

CATEGORY 3: Tractor Towed PTO Driven Mowers - Pull type gang mower, terrain following, on a tilting frame for transport, for finish mowing on medium to large area flat or uneven terrain:

ITEM 4.

All tractor towed PTO driven mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Cutting width of 11 feet, minimum
- (3) free floating mowing decks
- Drive line for tractor 3-point hitch and 540 RPM PTO
- 1" to 5" cutting height
- (9) cutting blades
- 12" minimum diameter deck tires, pneumatic or semi-pneumatic
- Anti-scalping rollers or wheels

CATEGORY 3: Tractor Towed PTO Driven Mowers - Pull type multiple unit heavy duty flexible wing rotary cutter for wide area heavy duty brush cutting, land clearing, highway maintenance, heavy brush material up to 4" thick:

ITEM 5.

All tractor towed PTO driven rotary cutter equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Requires tractor PTO, 540 RPM
- Cutting width of 15 feet
- Heavy duty 10 gauge minimum thick steel decks, with 1/4" thick skirt
- (2) hydraulic lift wing sections
- Connects available for tractor 3-point hitch or pull type hitch
- 2" to 16" cutting height
- 1/2" thick extra heavy duty steel rotary cutting blades
- Cuts material up to 4" thick
- Slip clutch drive line protection
- Front and rear discharge shields
- Rear caster wheel(s)

CATEGORY 3: Tractor Towed PTO Driven Mowers - Pull type single unit heavy duty single unit rotary cutter for heavy duty brush cutting, land clearing, highway maintenance, heavy brush material up to 4" thick:

ITEM 6.

All tractor towed PTO driven rotary cutter equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Requires tractor PTO, 540 RPM
- Cutting width of 6 feet, minimum
- Heavy duty 7 gauge minimum thick steel deck
- Connects available for tractor 3-point hitch or pull type hitch
- 2" to 9" cutting height
- ½" minimum thick extra heavy duty steel rotary cutting blades
- Cuts material up to 3" thick
- Slip clutch drive line protection
- Front discharge shields
- Rear caster wheel(s)

CATEGORY 3: Tractor Towed PTO Driven Mowers - pull type single unit mower, for finish mowing on medium to small areas such as parks, school lawns, sports fields, golf course:

ITEM 7.

All tractor towed PTO driven mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Cutting width of 48 inches
- Drive line for tractor 3-point hitch and 540 RPM PTO
- 1" to 4" cutting height
- (3) rotary cutting blades
- 10" minimum diameter deck tires, pneumatic or solid
- Rear cuttings discharge

CATEGORY 3: Tractor Towed PTO Driven Mowers - Pull type single unit mower, for finish mowing on medium to large areas such as parks, school lawns, sports fields, golf course, including areas with uneven terrain:

ITEM 8

All tractor towed PTO driven mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Cutting width of 84 inches
- Drive line for tractor 3-point hitch and 540 RPM PTO
- 1½" to 4" cutting height
- (3) rotary cutting blades
- 10" minimum diameter deck tires, pneumatic or solid
- Rear cuttings discharge

CATEGORY 3: Tractor Towed PTO Driven Mowers - Pull type single unit air tunnel grooming mower, for finish mowing on medium to large areas for moist, rugged, or tall grass:

ITEM 9.

All tractor towed PTO driven mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Cutting width of 72 inches
- Drive line for tractor 3-point hitch and 540 RPM PTO
- 1" to 4" cutting height
- (3) rotary cutting blades, offset for overlap
- 10" diameter deck tires, pneumatic or solid
- Side or rear cuttings discharge, with air lifting of cuttings

----- CATEGORY 4: Off Road Utility Vehicles -----

CATEGORY 4: Off Road Utility Vehicles - Heavy Duty 4x4 Diesel Service Truck

ITEM 1:

All heavy duty off road service vehicle equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Diesel engine, minimum 20 horsepower,
- (2) occupants plus cargo
- Power dumping cargo bed
- 50" x 45" x 10" deep cargo bed
- 1,400 lbs minimum payload capacity
- 1,200 lbs minimum towing capacity
- Four wheel drive

CATEGORY 4: Off Road Utility Vehicles - Medium Duty 4x4 Diesel Service Truck

ITEM 2.

All medium duty off road service vehicle equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Diesel engine, minimum 18 horsepower,
- (2) occupants plus cargo
- 40" x 45" x 9" deep cargo bed
- Tilting dump bed with tailgate
- 1,200 lbs minimum payload capacity
- 1,000 lbs minimum towing capacity
- Four wheel drive

CATEGORY 4: Off Road Utility Vehicles - Medium Duty 4x4 Gasoline Service Truck

ITEM 3.

All medium duty off road service vehicle equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Gasoline engine, minimum 18 horsepower,
- (2) occupants plus cargo
- 40" x 45" x 9" deep cargo bed
- 1,200 lbs minimum payload capacity
- 1,000 lbs minimum towing capacity
- Four wheel drive

CATEGORY 4: Off Road Utility Vehicles - Medium Duty 4x2 Gasoline Service Truck

ITEM 4.

All medium duty off road service vehicle equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Gasoline engine, minimum 14 horsepower,
- (2) occupants plus cargo
- 40" x 45" x 10" deep cargo bed
- Power tilting cargo bed
- 1,200 lbs minimum payload capacity
- 1,000 lbs minimum towing capacity
- Two wheel drive

CATEGORY 4: Off Road Utility Vehicles - Light Duty 4x2 Gasoline Service Truck

ITEM 5.

All light duty off road service vehicle equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Gasoline engine, minimum 10 horsepower,
- (2) occupants plus cargo
- 36" x 44" x 10" deep cargo bed
- 1,000 lbs minimum payload capacity
- 600 lbs bed load capacity
- Two wheel drive

CATEGORY 4: Off Road Utility Vehicles -Heavy Duty 4x2 Diesel Flatbed Truck

ITEM 6.

All heavy duty off road service vehicle equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Diesel engine, minimum 20 horsepower,
- (2) occupants plus cargo
- 63" x 46" x flatbed cargo bed
- Power tilting cargo bed
- 2,400 lbs minimum payload capacity
- 2,400 lbs minimum towing capacity
- Two wheel drive

CATEGORY 4: Off Road Utility Vehicles - Heavy Duty 4x2 Gasoline Flatbed Truck

ITEM 7.

All heavy duty off road service vehicle equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Gasoline engine, minimum 20 horsepower,
- (2) occupants plus cargo
- 63" x 46" x flatbed cargo bed
- Power tilting cargo bed
- 2,400 lbs minimum payload capacity
- 2,400 lbs minimum towing capacity
- Two wheel drive

CATEGORY 4: Off Road Utility Vehicles - Light Duty 4x2 Gasoline Flatbed Truck

ITEM 8.

All light duty off road service vehicle equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Gasoline engine, minimum 10 horsepower,
- (2) occupants plus cargo
- 44" x 48" x flatbed cargo bed
- 900 lbs minimum payload capacity
- 600 lbs bed load capacity
- Two wheel drive

----- CATEGORY 5: Self Propelled Riding Mowers -----

CATEGORY 5: Self Propelled Riding Mowers - Heavy duty wide coverage gang type rotary blades riding mower for large grass area mowing, and mowing of golf course rough turf:

ITEM 1.

All self propelled riding mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 85 horsepower diesel engine, minimum,
- Cutting width of 16 feet
- (1) main deck and (2) wing decks
- 1" to 5" cutting height
- Hydraulic powered rotary cutting blades
- Hydrostatic all wheel drive
- Driver station with steering wheel and adjustable seat

CATEGORY 5: Self Propelled Riding Mowers - Medium duty wide coverage gang type rotary blade riding mower for large grass area mowing, mowing of golf course rough turf, and large grass sports fields:

ITEM 2.

All self propelled riding mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 50 horsepower diesel engine, minimum,
- Cutting width of 10 feet
- (1) main deck and (2) wing decks
- 1" to 5" cutting height
- Hydraulic powered rotary cutting decks
- Full time all wheel drive
- Driver station with steering wheel and adjustable seat

CATEGORY 5: Self Propelled Riding Mowers - Medium duty wide coverage single deck type rotary blade riding mower for large grass area mowing, mowing of golf course rough turf, and large grass sports fields:

ITEM 3.

All self propelled riding mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 50 horsepower diesel engine, minimum,
- Cutting width of 10 feet
- (1) main deck with swing-up side deck sections for (3) cut widths
- 1" to 5" cutting height
- Hydraulic powered rotary cutting blades
- Full time all wheel drive
- Driver station with steering wheel and adjustable seat

CATEGORY 5: Self Propelled Riding Mowers - Wide coverage gang reel type riding mower for large grass area medium finish mowing, and mowing of golf course fairway turf:

ITEM 4.

All self propelled riding mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 30 horsepower diesel engine,
- Cutting width of 8 feet
- (5) reel mowing units
- 0.25" to 2" cutting height
- Hydraulic powered mowing reels
- Hydrostatic all wheel drive
- Driver station with steering wheel and adjustable seat

CATEGORY 5: Self Propelled Riding Mowers - Gang reel type riding mower for small to medium area finish mowing, and mowing of golf course rough, trim, and surrounds areas turf:

ITEM 5.

All self propelled riding mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 18 horsepower diesel engine,
- Cutting width of 72 inches or 84 inches
- (3) reel mowing units
- 0.375" to 2" cutting height
- Hydraulic powered mowing reels
- Hydrostatic all wheel drive
- Driver station with steering wheel and adjustable seat

CATEGORY 5: Self Propelled Riding Mowers - Gang reel type riding mower for small to medium area very fine finish mowing, and mowing of golf course greens:

ITEM 6.

All self propelled riding mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 16 horsepower diesel engine,
- Cutting width of 59 inches
- (3) reel mowing units
- 0.062" to 0.297" or .0258" to 1" cutting heights
- Drive shaft powered mowing reels
- Hydrostatic all wheel drive
- Driver station with steering wheel and adjustable seat

CATEGORY 5: Self Propelled Riding Mowers - Zero turn type rotary blade riding mower for medium and large size area general mowing and lawn area maintenance:

ITEM 7.

All self propelled riding mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 30 horsepower diesel engine,
- Cutting width of 72 inches
- (3) rotary mowing blades
- 1½" to 5" cutting height
- Drive shaft driven cutter deck
- Hydrostatic two wheel drive
- Driver station with adjustable seat or control arms

CATEGORY 5: Self Propelled Riding Mowers - Zero turn type rotary blade riding mower for medium size area general mowing:

ITEM 8.

All self propelled riding mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 25 horsepower gasoline engine,
- Cutting width of 60 inches, minimum
- (3) rotary mowing blades
- 1½" to 5" cutting height
- Drive shaft driven cutter deck
- Two wheel drive
- Driver station with adjustable seat or control arms
- Anti-scalping wheels or rollers

**CATEGORY 5: Self Propelled Riding Mowers:
Zero turn type rotary blade riding mower for small to medium size area general mowing and lawn area maintenance:**

ITEM 9.

All self propelled riding mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 20 horsepower gasoline engine,
- Cutting width of 50 inches, minimum
- (3) rotary mowing blades
- 1½" to 5" cutting height
- Belt driven cutter deck
- Two wheel drive
- Driver station with adjustable seat or control arms
- Anti-scalping wheels or rollers

**CATEGORY 5: Self Propelled Riding Mowers -
Zero turn type rotary blade riding mower for small size area general mowing and lawn area maintenance:**

ITEM 10.

All self propelled riding mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 18 horsepower gasoline engine,
- Cutting width of 48 inches
- (2) rotary mowing blades
- 1½" to 4 ½" cutting height
- Belt driven cutter deck
- Two wheel drive
- Driver station with adjustable seat or control arms
- Anti-scalping wheels or rollers

----- CATEGORY 6: Walk-Behind Mowing Equipment -----

CATEGORY 6: Walk-Behind Mowing Equipment - Walk-behind self propelled rotary blade mower for medium size area general mowing and lawn area maintenance:

ITEM 1.

All walk-behind mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 14 horsepower gasoline engine,
- Cutting width of 48 inches, minimum
- (3) rotary mowing blades
- 1½" to 4" cutting height
- Belt driven cutter deck
- 5-speed transmission or hydrostatic to drive wheel
- Manual engine starting
- Handle mounted controls
- Anti-scalping wheels or rollers

CATEGORY 6: Walk-Behind Mowing Equipment: - Walk-behind self propelled rotary blade mower for small size area general mowing and lawn area maintenance:

ITEM 2.

All walk-behind mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 5 horsepower gasoline engine,
- Cutting width of 21 inches
- (1) rotary mowing blade
- 1" to 3" cutting height
- Crankshaft driven cutter blade
- 3-speed transmission to drive wheel
- Rear discharge, with bag and mulch plug
- Handle mounted controls

CATEGORY 6: Walk-Behind Mowing Equipment - Walk-behind self propelled reel type mower for finish mowing of golf greens:

ITEM 3.

All walk-behind mowing equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 4 horsepower gasoline engine,
- Cutting width of 21 inches, minimum
- (1) 11-blade cutting reel
- 1/8" to 7/16" cutting height
- Belt or chain drive cutting reel
- Clutch engagement drive to drive wheel
- Handle mounted controls
- Grass basket

-----CATEGORY 7: Turf Maintenance & Material Handling Equipment -----

CATEGORY 7: Turf Maintenance Equipment - Tractor towed material handler and large area hydraulic driven top dresser for lawn area maintenance, material handling, and golf course sand trap maintenance:

ITEM 1.

All towed top dresser equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Minimum hopper capacity 4 cubic yards
- Adjustable spreading width of 9' to 35', minimum, with broadcast spinner attachment
- Towing tractor hydraulic system activates unit
- 30" wide conveyor belt
- Metering rear gate
- Swiveling cross conveyor attachment
- 11,500 pounds payload

CATEGORY 7: Turf Maintenance Equipment - Tractor towed large area hydraulic driven top dresser for lawn area maintenance:

ITEM 2.

All towed top dresser equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Minimum hopper capacity 2.5 cubic yards
- Spreading width of 72 inches
- Towing tractor hydraulic system activates unit
- 72" wide conveyor belt
- Metering rear gate
- Hydraulic driven finishing brush
- 11,000 pounds payload
- Option for tractor PTO drive

**CATEGORY 7: Turf Maintenance Equipment:
Ground driven top dresser for medium to large lawn area maintenance:**

ITEM 3.

All ground driven top dresser equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Minimum hopper capacity 2 cubic yards
- Spreading width of 60 inches, minimum
- Ground drive wheels activate unit when towed
- 9" diameter brush
- 60" wide conveyor belt
- Metering rear gate
- Clutch for conveyor and brush drive
- 6,000 pounds payload

**CATEGORY 7: Turf Maintenance Equipment:
Ground driven top dresser for small to medium lawn area maintenance:**

ITEM 4

All ground driven top dresser equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Minimum hopper capacity 25 cubic feet
- Spreading width of 60 inches
- Ground drive wheels activate unit when towed
- 9" diameter brush
- 60" wide conveyor belt
- Metering rear gate
- Clutch for conveyor and brush drive
- 2,000 pounds payload

**CATEGORY 7: Turf Maintenance Equipment - Truck mounted broadcast spinner
type top dresser for small to medium lawn area maintenance:**

ITEM 5.

All truck mounted top dresser equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Minimum hopper capacity 18 cubic feet
- Spreading width of 15' to 30' with broadcast spinner
- Mounts on off road service vehicle with flatbed
- Uses carry vehicle hydraulic system for activation
- 18" wide conveyor belt
- Metering rear gate
- 1/32 inch to 1/4 inch spread depth

**CATEGORY 7: Turf Maintenance Equipment - Truck mounted drop type top dresser
for small lawn area maintenance:**

ITEM 6.

All truck mounted top dresser equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Minimum hopper capacity 18 cubic feet
- Spread width of 60"
- Mounts on off road service vehicle with flatbed
- Uses carry vehicle hydraulic system for activation
- 60" wide conveyor belt
- Metering rear gate
- Variable application rate

----- CATEGORY 8: Recreation Area Equipment -----

**CATEGORY 8: Recreation area Equipment - Self propelled riding ball field and golf
course bunker conditioner:**

ITEM 1.

All self propelled riding ball field conditioning equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 12 horsepower gasoline engine,
- 3-wheel Hydrostatic drive
- Adjustable driver seat with steering wheel
- Uses a variety of attachments for grounds conditioning, which may include, but not limited to:
 - Leveling blade
 - Field rake or finisher
 - Drag mat
 - Scarifier
 - Grooming broom or brush

**CATEGORY 8: Recreation area Equipment - Self propelled Electric riding ball field
conditioner:**

ITEM 2.

All self propelled riding ball field conditioning equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 5 peak horsepower, 48 volt DC electric motor
- (4) 12 volt deep cycle batteries
- Charging system for 110 VAC or 220 VAC input
- Direct drive motor to rear wheels transaxle
- Adjustable driver seat with steering wheel
- Uses a variety of attachments for grounds conditioning, which may include, but not limited to:
 - Leveling blade
 - Field rake or finisher
 - Drag mat
 - Scarifier
 - Grooming broom or brush

CATEGORY 8: Recreation area Equipment - Towed ball field scarifier, rake, and surface conditioner:

ITEM 3.

All towed ball field conditioning equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Towed behind small tractor or off road service vehicle
- Basic unit with locked and float position selection
- Basic towed unit 70" minimum width
- Uses a variety of attachments for grounds conditioning, which may include, but not limited to:
 - Heavy duty scarifier
 - Light duty scarifier
 - Double brush broom

CATEGORY 8: Recreation area Equipment - Walk-behind self propelled field line painter:

ITEM 4.

All walk behind line painting equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 3 HP Gasoline engine, drives unit and paint pump system,
- 3-wheel tricycle chassis, with pneumatic tires
- Self propelled, with handle mounted drive engagement
- Variable line width, 2" to 6" wide
- Agitation system to keep paint mixed
- 10 gallons minimum capacity line paint tank

----- CATEGORY 9: Aerator Equipment -----

CATEGORY 9: Aerator Equipment - Tractor towed PTO driven large area aerator:

ITEM 1.

All tractor towed aerator equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 98" minimum aeration width
- Up to 5" aeration depth capability
- 3-point tractor hitch towed, tractor PTO driven
- 540 RPM tractor PTO required, 2,300 pounds 3-point hitch lift capacity
- Choice of coring or solid tines

CATEGORY 9: Aerator Equipment - Tractor towed PTO driven deep tine aerator:

ITEM 2.

All tractor towed aerator equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 72" minimum aeration width
- Minimum 8" aeration depth capability
- 3-point tractor hitch towed, tractor PTO driven
- 540 RPM tractor PTO required, 2,800 pounds 3-point hitch lift capacity
- Choice of coring or solid tines

CATEGORY 9: Aerator Equipment - Self propelled small to medium area walk-behind aerator:

ITEM 3.

All walk-behind aerator equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 48" aeration width
- Up to 4" aeration depth capability
- 20 horsepower gasoline engine,
- 7.5 gallon fuel tank
- 3-wheel hydrostatic drive system

CATEGORY 9: Aerator Equipment - Self propelled small area walk-behind aerator:

ITEM 4.

All walk-behind aerator equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 31" aeration width
- Up to 3" aeration depth capability
- 20 horsepower gasoline engine,
- 5 gallon fuel tank
- 2 wheel drive system

----- CATEGORY 10: Debris Blower Equipment -----

CATEGORY 10: Blower Equipment - Towed engine driven debris blower, to be towed behind an off road service vehicle:

ITEM 1.

All truck towed engine driven blower equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 20 horsepower gasoline engine,
- Turbine fan
- Single nozzle blower air chute, 360 degrees rotation
- 5 gallon fuel tank
- Remote control of unit from vehicle driver station, to include blower air chute rotation

CATEGORY 10: Blower Equipment - Tractor Towed PTO driven debris blower, medium air volume:

ITEM 2

All tractor towed PTO driven blower equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 540 RPM PTO powered
- 3-point hitch mounted
- Single nozzle blower air chute, 180 degrees rotation
- 6,000 Cubic feet per minute (CFM) air flow
- Turf protection roller

CATEGORY 10: Blower Equipment - Tractor Towed PTO driven debris blower, high air volume:

ITEM 3.

All tractor towed PTO driven blower equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 540 RPM PTO powered
- 3-point hitch mounted
- Single nozzle blower air chute, 180 degrees rotation
- 7,000 Cubic feet per minute (CFM) air flow, minimum
- Turf protection roller

----- CATEGORY 11: Seeding Equipment -----

CATEGORY 11: Seeding Equipment - Tractor Towed PTO driven overseeder equipment for large area seeding:

ITEM 1.

All tractor towed PTO driven over seeding equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Tractor PTO powered, 540 RPM
- 3-point hitch mounted
- 72" seeding width
- 0" to 1½" seed depth
- Slip clutch drive line protection
- 5 bushel waterproof seed box with seed agitator
- Soil slicing knives for seed deposit

CATEGORY 11: Seeding Equipment - Tractor Towed ground driven overseeder equipment for medium area seeding:

ITEM 2.

All tractor towed ground driven over seeding equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 3-point hitch mounted
- 48" seeding width
- 0" to 1½" seed depth
- 3 bushel seed box
- Metering seed cups

CATEGORY 11: Seeding Equipment - Walk-Behind self propelled overseeder equipment for small area seeding:

ITEM 3.

All walk behind self propelled over seeding equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 11 horsepower gasoline engine
- V-belt drive
- 19" seeding width
- 0" to 1½" seed depth
- Belt tightening clutch drive
- .8 cubic ft. seed box
- Soil slicing system for seed deposit
- Seed metering system

----- CATEGORY 12: Spraying Equipment -----

CATEGORY 12: Spraying Equipment - Self propelled riding boom type sprayer:

ITEM 1.

All self propelled riding boom type sprayer equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 30 horsepower diesel engine,
- Hydrostatic drive
- 10 gallons fuel tank
- 18 ft. 3-section folding spray boom, with break-away protection
- 300 gallons spray solution tank
- Enclosed driver cab

CATEGORY 12: Spraying Equipment - Trailer mounted boom type sprayer:

ITEM 2.

All trailer mounted sprayer equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Gasoline engine driven spray media pump,
- 200 gallons fiberglass or polyethylene spray media tank
- Media agitation system in tank
- 18 ft. 3-section folding spray boom, with break-away protection
- Hand held tree sprayer with 100 ft. of hose
- 50 ft. minimum tree spray height
- Spray control system

CATEGORY 12: Spraying Equipment - Off road service vehicle mounted boom type sprayer:

ITEM 3.

All service vehicle mounted sprayer equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Mounts on heavy duty flatbed off road service vehicle
- Uses carry vehicle hydraulic system for spray pump drive
- 200 gallons fiberglass or polyethylene spray media tank
- Media agitation system in tank
- 3-section folding spray boom, with break-away protection
- Hand held spray gun capability with 50 ft. minimum hose
- 200 psi available spray pressure
- Spray control system

----- CATEGORY 13: Hand Held Equipment -----

CATEGORY 13: Hand Held Equipment - Gasoline powered string trimmer:

ITEM 1.

All hand held equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Minimum 28cc gasoline engine,
- 17" width of cut
- Weight of 14 pounds or less
- Straight shaft, 58" minimum length
- Minimum fuel capacity 17 ounces
- Dual trimmer line head

CATEGORY 13: Hand Held Equipment - Gasoline powered backpack mounted blower unit:

ITEM 2.

All hand held equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Minimum 60cc gasoline engine,
- Tube mounted throttle
- Weight of 25 pounds or less
- Minimum 45 ounce fuel tank capacity
- Back rest and shoulder straps
- Minimum air volume with tube 700 cubic feet per minute
- Exit air speed up to 200 MPH minimum
- 75 Db(A) maximum noise level

CATEGORY 13: Hand Held Equipment - Gasoline powered Chain Saw:

ITEM 3.

All hand held equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Minimum 50cc gasoline engine
- Minimum 3 horsepower,
- 18" bar length
- Weight of 13 pounds or less
- Chain stop brake
- Minimum fuel capacity 12 ounces
- Vibration reduction system

CATEGORY 13: Hand Held Equipment - Gasoline powered Backpack Sprayer:

ITEM 4.

All hand held equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Minimum 21cc gasoline engine,
- Minimum 16 ounces fuel capacity
- Minimum 5 gallon media tank
- Metal spray wand
- 20 ft. spray distance
- Minimum 140 psi rating
- Shoulder strap system

----- CATEGORY 14: Miscellaneous Equipment -----

CATEGORY 14: Miscellaneous Equipment - Ground driven towed fertilizer and sand/salt broadcast spreader:

ITEM 1.

All ground driven towed fertilizer spreader equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Hopper capacity holds 800 pounds of material
- Equipment is ground wheel driven, no motor drives
- Broadcast spreading of fertilizer up to 50 feet total width
- Spreading of sand and road salts up to 18 feet total width
- Choice of traction profile tires or lawn flotation tires

CATEGORY 14: Miscellaneous Equipment - Tractor Towed PTO driven artificial turf sweeper:

ITEM 2.

All tractor towed PTO driven artificial turf sweeper equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- Tractor PTO driven, 540 RPM
- 3-point hitch mounted, 1,550 lbs lift
- 60" width of sweeping path
- Rotary brush
- Turbine fan
- Filter and sifter

CATEGORY 14: Miscellaneous Equipment - Tractor towed engine driven vacuum turf sweeper:

ITEM 3.

All towed engine driven turf vacuum sweeper equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 20 horsepower gasoline engine,
- ¾" pin type hitch
- 5 cubic yards capacity debris hopper
- 60 inch sweep width
- Spring loaded flex tip reel for small debris pick up

CATEGORY 14: Miscellaneous Equipment - Walk-Behind self propelled sod cutter:

ITEM 4.

All walk behind self propelled sod cutter equipment offered as an equivalent shall meet or exceed the following minimum requirements:

- 5 horsepower gasoline engine,
- V-belt drive
- 18" sod cutting width
- Sod cutting thickness adjustable to 2½"
- Minimum of (2) forward speeds
- Clutch operation at handle controls

ATTACHMENT B: PRODUCT CATEGORY AND DISCOUNT SCHEDULE

EFFECTIVE JULY 1, 2017

CONTRACTOR: THE TORO COMPANY

Contract# E194-1485 Ground Maintenance Equipment

Contact: Peter Whitacre, Sales Manager, State and Local Government

Phone: 952-887-7936 Fax: 952-887-8694 Email: peter.whitacre@toro.com

Category Description	Discount Off	List Pricing
	List Price	Effective Date
Toro Commercial Division Products		
Traction Units	20%	Current Price
Attachments and Accessories	20%	Current Price
Toro Landscape Contractor Division Turf Products		
Traction Units	30%	Current Price
Attachments and Accessories	15%	Current Price
Toro Landscape Contractor Division Snow Products-New		Current Price
Traction Units	20%	Current Price
Attachments and Accessories	15%	Current Price

Refer to the Contract for Multiple Unit Discounts.

See the Contractor's website for product information: www.toro.com

**ATTACHMENT B: CNH INDUSTRIAL AMERICA LLC/NEW HOLLAND AGRICULTURE
PRODUCT CATEGORY AND DISCOUNT SCHEDULE
EFFECTIVE JUNE 19, 2017**

CONTRACTOR: CNH INDUSTRIAL AMERICA LLC / NEW HOLLAND AGRICULTURE

Contract# E194-1482 Ground Maintenance Equipment

Contact: Wayne Crow, Account Manager, Government & Fleet Sales

Phone: 717-355-1683

Fax: 877-764-1369

Email: wayne.crow@newholland.com



Category Description	Discount Off List Price	List Pricing Effective Date
Category 1 - Heavy Duty Equipment		
Compact Track Loaders	28%	Current Price
Skid Steer Loaders - Models L213 to L228	28%	Current Price
Skid Steer Loaders - Model L234	30%	Current Price
Tractor Loader Backhoes	35%	Current Price
Category 2 - Tractors		
Compact Tractors	26%	Current Price
WORKMASTER™ Utility Series	24%	Current Price
PowerStar™ Series	28%	Current Price
T4 Series	28%	Current Price
T5 Series	29%	Current Price
TS6 Series - Models TS6.110 & TS6.120	25%	Current Price

TS6 Series - Models TS6.130 & TS6.140	29%	Current Price
T6 Series	29%	Current Price
T7 Series	30%	Current Price
Category 2 - Attachments/ Implements		
Compact Tractor Loaders	24%	Current Price
600TL Series Large Loaders	24%	Current Price
805TL Series Large Loaders	24%	Current Price
Implements	24%	Current Price
Haying Equipment - Crop Preparation	24%	Current Price
Haying Equipment - Crop Packaging	24%	Current Price
Pull Type Forage	24%	Current Price
Material Handling	24%	Current Price
Category 3 - Tractor Towed PTO Driven Equipment		
700 Series Rotary Cutters	24%	Current Price
300GM Series Finish Mowers	24%	Current Price

Refer to the Contract for Multiple Unit Discounts.

Please see the Contractor's website for more information: www.newholland.com/na

Want product information? Click on "Products"

Want to configure & price equipment? Click on "Build & Price" or on this link:

<http://agriculture1.newholland.com/nar/en-us/about-us/buying-services/sale/build-price>