

Term Contract No. 765B

STATE OF NORTH CAROLINA, DEPARTMENT OF ADMINISTRATION		
DIVISION OF PURCHASE AND CONTRACT		
116 West Jones Street, Raleigh, NC 27603-8002		
Term Contract	765B	Tractor Mounted Mower
Effective Dates	February 11, 2014 through February 10, 2017-Non-Renewable	
Bid Number	201400035	
Administrator	Chris Tart	
Phone	(919) 807-4540	
Fax	(919) 807-4509	
E-Mail	Chris.Tart@doa.nc.gov	
Last Updated	May 14, 2014	

1. General Information and Scope of Contract

SCOPE:

The scope of this contract is limited to **Tractor Mounted Mower**. This contract is for use by all state agencies, departments, institutions, universities, community colleges (except those exempted by statute), and certain non-state agencies.

NON-STATE AGENCIES ELIGIBLE TO PARTICIPATE IN THIS CONTRACT

In accordance with North Carolina General Statutes, certain non-state entities described below, may participate in this contract on a voluntary basis. Any of the non-state entities that choose to participate in this contract must abide by the terms and conditions that are set forth in this contract.

Nonprofit corporations operating charitable hospitals, local nonprofit community sheltered workshops or centers that meet standards established by the Division of Vocational Rehabilitation of the Department of Health and Human Services, private nonprofit agencies licensed or approved by the Department of Health and Human Services as child placing agencies, residential child-care facilities, private nonprofit rural, community, and migrant health centers designated by the Office of Rural Health and Resource Development, private higher education institutions, counties, public school units, cities, towns, governmental entities, volunteer fire departments, rescue squads, and other subdivisions of the State and public agencies thereof.

2. Taxes

Prices or discounts shown herein do not include any North Carolina sales or use taxes.

3. Abnormal Quantities

Any agency requirement that exceeds **ten (10) units** must be forwarded to the Division of Purchase and Contract for processing. The Division, at its sole discretion, may process any such requirement in one of the following ways:

1. Purchase may be authorized at the current level of pricing with the current contract vendor(s).
2. Additional discounts from the current level of pricing may be negotiated with the current contract vendor(s).
3. A separate Invitation for Bids may be issued for the requirement.

4. Minimum Orders

This contract will be for a minimum order of one unit.

5. Placement of Orders

Orders will be placed throughout the contract period on an as-needed basis for the quantity required at the time, and will be issued directly to the respective contractor(s) or their designated suppliers.

Contract changes, if any, over the life of the contract are implemented by contract addenda released by the Contract Administrator to the contractor. If the contractor is accepting orders and/or delivering through other parties, for example a

Term Contract No. 765B

manufacturer accepting orders and delivering through a dealer network or dealers receiving orders through a network of other dealers, then it is the responsibility of the contractor to apprise such parties of all such contract addenda.

All ordering agencies are urged to call the contractor for a complete listing of tractor features prior to placing their order.

6. ORDERING INFORMATION:

Contractors are required, upon request of any user, to provide the user with catalogs and descriptive literature and a listing of authorized dealers complete with toll free phone and FAX numbers. This information is to be provided to the ordering agency within 5 business days of the request. Such information shall be provided at no charge to the user.

Contractors are required to provide toll free phone numbers for agencies to conduct business with the contractor. If orders are required to be placed with a contractor's authorized dealer, the dealer will be required to provide a toll free number.

a. Order Placement Via E-Procurement (Catalog Items)

Click on the following link: **E-Procurement Users**

When placing an order in the e-procurement system, the very first thing to do is to go to the catalog tab and select options. After you have selected options, select contract ID. In the contract ID space type in the contract ID number, 765A.

Please make sure the keywords space is blank and the contract ID is typed in the contract ID section.

After selecting the contract ID and to narrow the search to a particular manufacturer select the manufacturer from the drop down

When the item to be ordered has been located complete the requisition and issue the purchase order.

Please note that all purchase orders will go directly the manufacturer and not the local dealers. The manufacturers have arranged to forward the purchase orders to the local dealer.

To make sure that your purchase order reaches the correct dealer please put comments in the purchase order for the manufacturer giving the preferred dealer.

Note: Successful contractors may reduce prices by:

Increasing the discount offered to reduce prices for the entire line of product offered

Allowing additional discount(s) to the using agency

Special sales and/or promotions

Order Placement Via E-Procurement (Catalog Items)

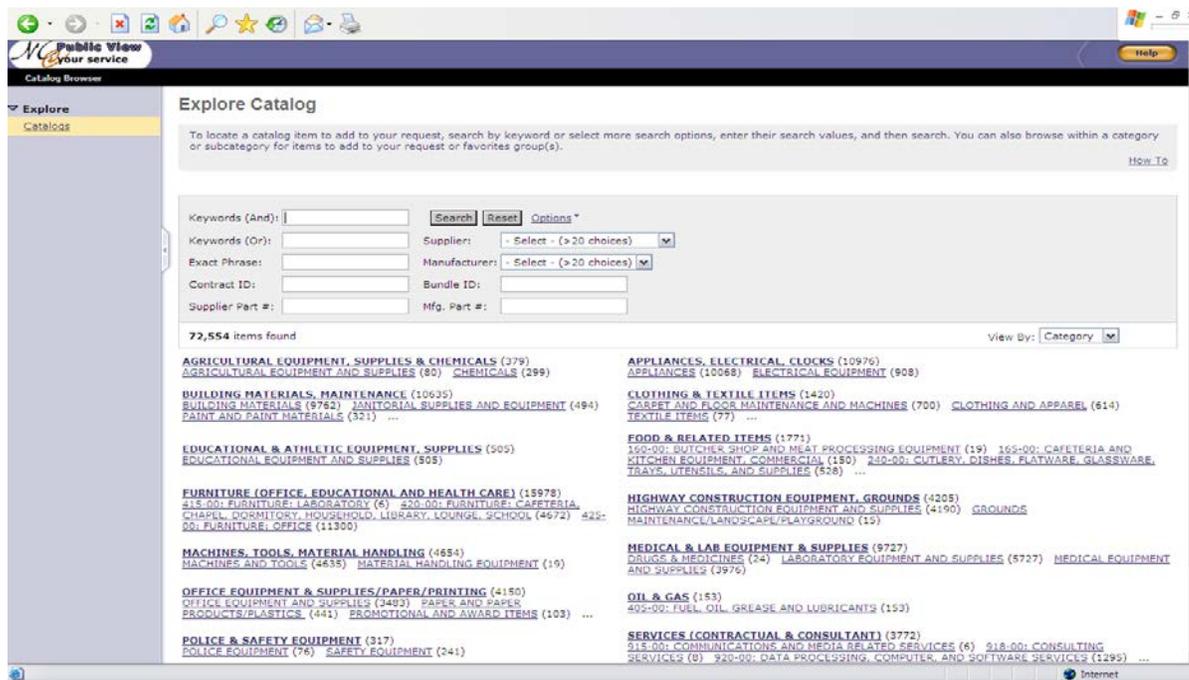
- Click on the following link: <https://buyer.ncgov.com>
- In the contract ID space type in the contract ID number, (##A) (example: 765B).
- Use the 'Options' dropdown to filter contract specifics
- When the item to be ordered has been located complete the requisition and issue the purchase order.

Non E-Procurement Users

The E-Procurement Public View will be the only place for Non E-Procurement Users to view the item/pricing information.

E-Procurement Item Pricing:

- To View Pricing, go to Public View Catalog, <http://contracts.ncgov.com/>
- In the Contract ID field, type in ##A (example: 765B)
- Use the 'Options' dropdown to filter contract specifics



7. Delivery

Specific deliveries are requested and the State reserves the right to evaluate the delivery schedule offered as a factor in determining award of this contract. The State is requesting that the bidder complete delivery within 180-210 consecutive calendar days after receipt of purchase order, unless otherwise stated.

8. Transportation Charges

FOB destination any statewide location with all transportation charges prepaid and included in the price of the bid.

9. Price Lists and Catalogs

Product information, price lists and/or catalogs are available from the contractor in hard copy format upon request.

10. Contractors

All known minority, physically handicapped or women contractors, including dealers, will be identified with an "M", "H" or "W" as appropriate after their vendor number. This is being done in an effort to better recognize businesses owned and operated by these groups and to encourage and promote their use to the greatest extent permitted by law.

When more than one supplier is listed for a particular item, selection should be made whenever possible from any minorities, physically handicapped or women identified, consistent with agency needs and price.

Contractor Name	Address	Contact	Phone Fax	Terms (Days)
Dixie Lawn Service, Inc.	126 Bessie Drive Kings Mountain, NC 28086	James McHenry jmchenry@dixielawn.com	800-368-5659 704-739-3713 (Fax)	Net 30

11. Warranty

Tractor Mounted Mower: Bidder warrants that equipment furnished on this bid will be new and of good material and workmanship. Defective parts found to be free of negligence or accident will be replaced free of charge for twelve (12) months from respective dates the machines are put in operations. Such replacement is to include all parts, labor, freight, and travel to site where equipment is down (statewide locations). In addition, any specific provisions in the manufacturer's standard warranty which exceed the above requirement become part of the warranty on this contract.

Term Contract No. 765B

Chassis: Each truck chassis is to be warranted bumper to bumper for a minimum 24 month period from date placed in operation, regardless of mileage. The successful bidder is responsible to furnish to the chassis manufacturer the required delay in-service date. The manufacturer's warranty shall cover all parts, labor and delivery of parts. There shall be a 12 month extended warranty on the drive train (engine, transmission and rear axle). The total manufacturer's warranty on the drive train shall be 36 months or 200,000 miles. During the warranty period the State shall not incur any cost of repair parts, labor, towing, freight and dealers travel to site where equipment is down (statewide locations). In addition, any specific provisions in the manufacturer's standard warranty which exceed the above requirement become part of the warranty on this contract.

Any periodic inspections, which may be required and performed by the vendor or his representative, shall be without charge to the State. During the warranty period the State shall not incur any cost associated for transport of equipment needing repair.

The manufacturer(s) shall list the State of North Carolina as an authorized service account and warranty work may be performed by state employees when it is in the best interest of the State and with prior approval of the warrantor. Such work will be reimbursed at the Dealer's current labor rate and for the standard time allowed for the repair.

12. Substitutions

Substitutions are not permitted without prior approval of the Division of Purchase and Contract. Failure of the contractor to comply with this requirement may result in the removal of the contractor from the contract.

13. Other

QUALITY ACCEPTANCE INSPECTION: NON-DOT- Upon delivery of the item(s), (except non-state agencies as defined earlier) as called for herein, the contractor must request a Quality Acceptance Inspection. Such requests must be forwarded (in writing) to the Division of Purchase and Contract, Attn: Quality Acceptance Inspections, 1305 Mail Service Center, Raleigh, NC 27699-1305. Fax # (919) 807-4510.

INVOICES WILL NOT BE PAID BY THE USING AGENCY UNTIL QUALITY ACCEPTANCE HAS BEEN ACCOMPLISHED.

HAZARDOUS SUBSTANCE AND/OR OIL SPILLS:

Contractors hired by the end user shall be responsible for any costs (direct or indirect) associated with damage and/or cleanup of a hazardous substance and/or oil spill caused by the Contractor or their agent. This responsibility shall extend to freight carriers who were hired by the Contractor to deliver the commodity or service to the end user. While on end user premises, the Contractor shall comply with all local, State and Federal requirement for the proper handling of hazardous substances and/or oil.

For the purpose of this section, hazardous substances shall be defined as any substance, other than oil, which when discharged in any quantity may present an imminent and substantial danger to the public health, welfare AND/OR environment. Oil shall be defined as any oil of any kind and in any form, including but specifically not limited to petroleum, crude oil, diesel oil, fuel oil, gasoline, lubrication oil, oil refuse, oil mixed with other waste, oil sludge, petroleum related products or by-products, and all other liquid hydrocarbons, regardless of specific gravity, whether singly or in combination with other substances. In addition, the Contractor agrees to indemnify and hold the end user harmless against all claims, liabilities and costs, including attorney's fees, incurred in the defense of any claim brought against the end user resulting from such as spill.

REPAIR PARTS DELIVERY:

Bidder shall maintain access to a complete inventory of repair parts for the offered equipment, located within the United States, for ten (10) years after the date of acceptance of the equipment. Critical repair parts from this inventory shall be received by the designated repair depot within five (5) working days after request. "Critical repair parts" are defined as those parts, which are essential for the safe and proper operation of the machine.

For critical repair parts, a penalty of \$26.67 per working day shall be levied against the bidder and deducted from parts invoice(s) for each working day that completed delivery is in excess of the five day limit. This penalty will only apply in

Term Contract No. 765B

cases where the parts order has been placed with the bidder. This penalty clause shall be in effect for three (3) years from date of acceptance of equipment offered on this bid.

The State may waive the above repair parts penalty in any instance where such non-performance, in the determination of the State, is due to factors other than those under control of the bidder and/or manufacturer.

After the three-year period, bidder performance with respect to promptness of repair parts delivery will continue to be monitored by the State. Failure of bidder, to perform acceptably at any time after the three-year period, may result in the prohibition of bidder from bidding to the State.

TRAINING:

Training is required and the successful vendor shall provide a qualified representative to instruct the owners operators in the proper operation, routine maintenance, service and safety at time of delivery.

FIRE EXTINGUISHERS:

When applicable in accordance with the Society of Automotive Engineers (SAE), National Fire Protection Association (NFPA) or Federal Motor Vehicle Safety Standards (FMVSS) requirements each piece of equipment delivered shall include the appropriate size rechargeable fire extinguisher mounted in an accessible location.

**GENERAL SPECIFICATIONS-CONTACT CONTRACTOR FOR MORE SPECIFIC INFORMATION-
ORDERING AGENCIES ARE STRONGLY ENCOURAGED TO CONFIRM
SPECIFICATIONS WITH THE CONTRACTOR PRIOR TO PLACEMENT OF ORDER**

Term Contract No. 765B

ITEM	QTY.	UOM	DESCRIPTION	UNIT COST	TOTAL EXTENDED COST
1.	1	Each	(Type 1) mower. Side mount hydraulic flail. This unit will be mounted and installed by bidder on State provided tractor. Complete mounting and installation includes pick up and return of tractor from/to Equipment Depot, @ (5105 Beryl Rd, Raleigh, NC. MFR._____ALAMO_____ MODEL_____Versa 74" Flail_____	\$23,264.96	\$23,264.96
2.	1	Each	(Type II) mower. Side mount rotary hydraulic mower. These units will be mounted and installed by bidder on State provided tractors. Complete mounting and installation includes pick up and return of tractors from/to the Equipment Depot @ (5105 Beryl Rd. Raleigh, N.C.) MFR._____ALAMO_____ MODEL_____Versa 60" Rotary_____	\$20,832.95	\$20,832.95
3.	1	Each	(Type IIIM) mower. Rear mount mechanical flail mower. This unit will be mounted and installed by bidder on State provided tractors. Complete mounting and installation includes pick up and return of tractors from/to the Equipment Depot @ (5105 Beryl Rd. Raleigh, N.C.) MFR._____ALAMO_____ MODEL___SH96_____	\$6,795.76	\$6,795.76
4.	1	Each	(Type IIH) mower. Rear mount hydraulic flail mower. This unit will be mounted and installed by bidder on State provided tractors. Complete mounting and installation includes pick up and return of tractors from/to the Equipment Depot @ (5105 Beryl Rd. Raleigh, N.C.) MFR._____ALAMO_____ MODEL_____HY96_____	\$11,337.47	\$11,337.47
5.	1	Each	(Type IV) mower. Rear mount mechanical rotary mower. These units will be mounted and installed by bidder on State provided tractors. Complete mounting and installation includes pick up and return of tractors from/to the Equipment Depot @ (5105 Beryl Rd. Raleigh, N.C.). MFR._____ALAMO_____ MODEL_____RX96_____	\$8,063.51	\$8,063.51

TYPE I, SIDE MOUNTED, FLAIL MOWER ATTACHMENT

1. GENERAL:

Units furnished under this specification shall be side-mounted, hydraulically powered, heavy duty flail mowers to be used by NCDOT Division of Highways in grass and small brush mowing operations for highway medians and roadside shoulders. Units shall come complete and shall include installation on NCDOT tractors specified under "FURNISH AND DELIVER."

Design and construction of the unit offered shall meet or exceed the following:

<u>Requested</u>	<u>Offered</u>
a. Unit shall be hydraulically driven via front engine crankshaft mounted pump.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. Unit shall be right side mid-mounted.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
c. Unit shall have a minimum cutting width of 74 inches.	Cutting width <u>74"</u>
d. Hydraulic controls to allow cutter positioning from 90 degrees below horizontal to 90 degrees above horizontal.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
e. The curb lift shall allow positioning of the cutter head from 2 inches below to a minimum of 12 inches above ground level.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
f. Cutter head rotation shall not be affected by operation of the positioning controls.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
g. Mounting frame shall be bolt on design and attach to the front of the tractor frame and braced to rear axle.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
h. Make	<u>ALAMO</u>
i. Model	<u>VF74</u>
j. Weight of complete mower assembly including mounting frame.	<u>3300</u>

2. MOWER HOUSING:

a. Minimum 10 gauge top housing.	<u>10</u> Gauge
b. Minimum 5/16 inch end plates.	<u>1/2&5/16</u> Inches
c. Full replaceable skid shoes.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

3. CUTTER SHAFT:

a. Shall be steel tubing with four (4) rows of minimum 6 gauge, reversible hammer type knives.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
--	---

- b. Knife tip speed a minimum of 8900 FPM. Tip speed 8300
- c. Greasable self aligning sealed shaft bearings securely fastened to housing with grade 8 bolts. Yes No
- d. Cutter shaft shall be forward rotation design. Yes No
- e. Cutter shaft shall be dynamically balanced. Yes No

4. REAR ROLLER:

- a. Roller shall be minimum 6 inches in diameter. Roller Dia. 6"
- b. Roller shall be full length of flail mower housing. Yes No
- c. Roller to be rated at a minimum of 6000 pounds impact strength. Yes No
- d. Roller shaft to be adjustable to allow cutting heights from approximately 3/4 inch through 6 inches in minimum of 1 inch increments. Cutting height from 0 to 6
- e. Roller bearings shall be self aligning with cast steel cap outboard and neoprene seal inboard. Yes No
- f. Roller adjustment brackets (1/2 inch by 6 inches) shall be formed securely fastened with grade 8 carriage bolts. Yes No

5. HYDRAULIC SYSTEM:

- a. Shall have a gear pump with sufficient GPM for continuous severe service operation. Pump GPM 65
- b. Shall have a gear motor with sufficient HP for continuous severe service operation. Motor HP 76
- c. Hydraulic tank capacity. 60 Gallons
- d. Shall have Valve(s), filters, components, piping and hardware for complete mower operation controls. Relief valve(s), direct acting, for system protection. Yes No
- e. Shall have a separate valve(s) for raising and lowering the mower and controlling ditch bank operation with adjustable main relief valve. Yes No
- f. Hydraulic system and reservoir sufficient to provide adequate cooling for continuous operation in ambient temperature of 100 degrees Fahrenheit. Yes No

TYPE II, SIDE MOUNT ROTARY MOWER ATTACHMENT

1. GENERAL:

Units furnished under this specification shall be side-mounted, hydraulically powered, heavy duty rotary mowers to be used by NCDOT Division of Highways in grass and small brush mowing operations for highway medians and roadside shoulders. Units shall come complete, and shall include installation on NCDOT tractors specified under "FURNISH AND DELIVER."

Design and construction of the unit offered shall meet or exceed the following:

<u>Requested</u>	<u>Offered</u>
a. Unit shall be hydraulically driven via front engine crankshaft mounted pump.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. Unit shall be right side mid-mounted.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
c. Unit shall have a minimum cutting width of 60 inches.	Cutting width <u>60"</u>
d. Hydraulic controls to allow cutter positioning from 90 degrees below horizontal to 90 degrees above horizontal.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
e. Mounting frame shall be bolt on design and attach to the front of the tractor frame and braced to rear axle.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
f. Cutter head rotation shall not be affected by operation of the positioning controls.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
g. Make	<u>ALAMO</u>
h. Model	<u>VM60</u>
i. Weight of complete mower assembly including mounting frame.	<u>3300</u>

2. HYDRAULIC SYSTEM:

a. Shall have a gear pump with sufficient GPM for continuous severe service operation.	Pump GPM <u>65</u>
b. Shall have a gear motor with sufficient HP for continuous severe service operation.	Motor HP <u>76</u>
c. Hydraulic tank capacity.	<u>60</u> Gallons
d. Shall have Valve(s), filters, components, piping and hardware for complete mower operation controls. Relief valve(s), direct acting, for system protection.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
e. Shall have a separate valve(s) for raising and lowering the mower and controlling ditch bank operation with adjustable main relief valve.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
f. Hydraulic system and reservoir sufficient to provide adequate cooling for continuous operation in ambient temperature of 100 degrees Fahrenheit.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

3. ROTARY HEAD:

- a. Deck material minimum 10 gauge. 10 Gauge
- b. Side skirts minimum 3/8 inches thick. 3/8 Inches
- c. Full length, replaceable skid shoes. Yes No
- d. Shall have a double row chain guards, 5/16, for both front and rear. Yes No

4. SPINDLE:

- a. Spindle housing shall be cast steel, unibody design and construction. Yes No
- b. Shall have a tapered roller bearing bathed in oil Yes No
- c. Motor to spindle drive shall be splined coupler, direct drive enclosed Yes No

5. BLADE BAR AND BLADES:

- a. Blades shall be heat treated alloy steel. Yes No
- b. Full swing 360 degree. Yes No
- c. Blade bolts shall be heat-treated, shoulder forged with nut and lock washer. Yes No
- d. Blades shall be suction type. Yes No

TYPE IIIM, REAR MOUNT, MECHANICAL DRIVEN FLAIL MOWER ATTACHMENT

1. GENERAL:

Unit furnished under this specification shall be rear mount, mechanically driven, heavy duty flail mowers, used by NCDOT Division of Highways in the grass and small brush mowing operations for highway medians and roadside shoulders. Units shall come complete, and shall include installation on NCDOT tractors specified under "FURNISH AND DELIVER."

Design and construction of the unit offered shall meet or exceed the following:

<u>Requested</u>	<u>Offered</u>
a. Units shall be PTO driven.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. Mower shall have a sufficient offset to the right to provide for the manufacturer's recommended overlap with side mounted mower attachments offered in this bid.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
c. Unit shall have a minimum cutting width of 87 inches.	Cutting width <u>96"</u>
d. Flexible double lift chain assemblies shall be provided for full floatation independent of tractor.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
e. Make.	<u>ALAMO</u>
f. Model.	<u>SH96</u>
g. Weight of complete mower assembly.	<u>1170</u>

2. PTO DRIVE AND UNIVERSALS:

a. Universal joints shall be equipped with needle bearings.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. PTO driveline shall be category 4.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
c. PTO driveline shall be shielded.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
d. Driveline shall be equipped with an adjustable slip clutch or torque limiter.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
e. Driveline of sufficient self adjusting length to operate properly in all positions.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

3. MOWER HOUSING:

a. Minimum 10 gauge top housing.	<u>10</u> Gauge
b. Minimum 5/16 inch end plates.	<u>5/16</u> Inches
c. Full replaceable skid shoes.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

4. GEAR BOX:

a. Gear box shall be heavy duty, and fully enclosed.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
--	---

Page: 7
BID No. 201400035

BIDDER: Dixie Lawn Service Inc. dba Billy's Parts & Equip.

- b. For use with 540 RPM PTO. Yes No
- c. Power divider gear box, with a minimum 80 HP rating. HP. Rating 90

5. CUTTER SHAFT:

- a. Shall be steel tubing with four (4) rows of minimum 6 gauge, reversible hammer type knives. Yes No
- b. Knife tip speed a minimum of 8900 FPM. Tip speed 8900
- c. Greasable self aligning sealed shaft bearings securely fastened to housing with grade 8 bolts. Yes No
- d. Cutter shaft shall be forward rotation design. Yes No
- e. Cutter shaft shall be dynamically balanced. Yes No

6. REAR ROLLER:

- a. Roller shall be minimum 6 inches in diameter. Roller Dia. 6"
- b. Roller shall be full length of flail mower housing. Yes No
- c. Roller to be rated at a minimum of 6000 pounds impact strength. Yes No
- d. Roller shaft to be adjustable to allow cutting heights from approximately 3/4 inch through 6 inches in minimum of 1 inch increments. Cutting height from 0" to 6"
- e. Roller bearings shall be self aligning with cast steel cap outboard and neoprene seal inboard. Yes No
- f. Roller adjustment brackets (1/2 inch by 6 inches) shall be formed securely fastened with grade 8 carriage bolts. Yes No

TYPE IIIH, REAR MOUNT, HYDRAULIC FLAIL MOWER ATTACHMENT

1. GENERAL:

Unit furnished under this specification shall be rear mount, hydraulically driven, heavy duty flail mowers, used by NCDOT Division of Highways in the grass and small brush mowing operations for highway medians and roadside shoulders. Units shall come complete, and shall include installation on NCDOT tractors specified under "FURNISH AND DELIVER."

Design and construction of the unit offered shall meet or exceed the following:

<u>Requested</u>	<u>Offered</u>
a. Unit shall be hydraulically driven via a pump mounted directly to the tractor PTO output drive without the need for a PTO drive shaft.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. Mower shall have a sufficient offset to the right to provide for the manufacturer's recommended overlap with side mounted mower attachments offered in this bid.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
c. Unit shall have a minimum cutting width of 87 inches.	Cutting width <u>96"</u>
d. Flexible double lift chain assemblies shall be provided for full floatation independent of tractor.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
e. Make.	<u>ALAMO</u>
f. Model.	<u>HY96</u>
g. Weight of complete mower assembly.	<u>1125</u>

2. MOWER HOUSING:

a. Minimum 10 gauge top housing.	<u>10</u> Gauge
b. Minimum 5/16 inch end plates.	<u>5/16</u> Inches
c. Full replaceable skid shoes.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

3. CUTTER SHAFT:

a. Shall be steel tubing with four (4) rows of minimum 6 gauge, reversible hammer type knives.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. Knife tip speed a minimum of 8900 FPM.	Tip speed <u>8900</u>
c. Greasable self aligning sealed shaft bearings securely fastened to housing with grade 8 bolts.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
d. Cutter shaft shall be forward rotation design.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
e. Cutter shaft shall be dynamically balanced.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

4. REAR ROLLER:

Page: 9
BID No. 201400035

BIDDER: Dixie Lawn Service Inc. dba Billy's Parts & Equip.

-
- a. Roller shall be minimum 6 inches in diameter. Roller Dia. 6"
 - b. Roller shall be full length of flail mower housing. Yes No
 - c. Roller to be rated at a minimum of 6000 pounds impact strength. Yes No
 - d. Roller shaft to be adjustable to allow cutting heights from approximately 3/4 inch through 6 inches in minimum of 1 inch increments. Cutting height from 0" to 6"
 - e. Roller bearings shall be self aligning with cast steel cap outboard and neoprene seal inboard. Yes No
 - f. Roller adjustment brackets (1/2 inch by 6 inches) shall be formed securely fastened with grade 8 carriage bolts. Yes No

5. HYDRAULIC SYSTEM:

- a. Shall have a gear pump with sufficient GPM for continuous severe service operation. Pump GPM 24
- b. Shall have a gear motor with sufficient HP for continuous severe service operation. Motor HP 53
- c. Hydraulic tank capacity. 17 Gallons
- d. Shall have Valve(s), filters, components, piping and hardware for complete mower operation controls. Relief valve(s), direct acting, for system protection. Yes No
- e. Hydraulic system and reservoir sufficient to provide adequate cooling for continuous operation in ambient temperature of 100 degrees Fahrenheit. Yes No

TYPE IV, REAR MOUNTED ROTARY MOWER

1. GENERAL:

Units furnished under this specification shall be a rear mounted, PTO driven, heavy duty rotary mower used by NCDOT Division of Highways in the grass and small brush mowing operations for highway medians and roadside shoulders. Units shall come complete and shall include installation on NCDOT tractors specified under "FURNISH AND DELIVER."

Design and construction of the unit offered shall meet or exceed the following:

<u>Requested</u>	<u>Offered</u>
a. Units shall be PTO driven.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. Mower shall have a sufficient offset to the right to provide for the manufacturer's recommended overlap with side mounted mower attachments offered in this bid.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
c. Unit shall have a minimum cutting width of 96 inches.	Cutting width <u>96"</u>
e. Make.	<u>ALAMO</u>
f. Model.	<u>RX96</u>
g. Weight of complete mower assembly.	<u>2244</u>

2. PTO DRIVE AND UNIVERSALS:

a. Universal joints shall be equipped with needle bearings.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. PTO driveline shall be category 4.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
c. PTO driveline shall be shielded.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
d. Driveline shall be equipped with an adjustable slip clutch or torque limiter.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
e. Driveline of sufficient self adjusting length to operate properly in all positions.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

3. ROTARY HEAD:

a. Deck material minimum 10 gauge.	<u>10</u> Gauge
b. Side skirts minimum 1/4 inches thick.	<u>1/4</u> Inches
c. Full length, replaceable skid shoes.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
d. Shall have a double row chain guards, 5/16, for both front and rear.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
e. Adjustable cutting height from approximately 2 inches through 12 inches.	Adjustable height <u>1/2" to 12"</u>
f. Shall have deflectors on front and rear to meet the requirement of SAE J232.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

4. GEAR BOXES:

- a. Gear box shall be heavy duty, and fully enclosed. Yes No
- b. For use with 540 RPM PTO. Yes No
- c. Power divider gear box, with a minimum 80 HP rating. HP. Rating 120

5. BLADES:

- a. Blades shall be suction type. Yes No
- b. Blades shall be free swinging. Yes No
- c. Blade bolts shall be heat-treated, shoulder forged with nut and lock washer. Yes No
- d. Blades shall have sufficient overlap to prevent gapping. Yes No
- f. Carrier shall be a pan type. Yes No

6. GAUGE WHEELS:

- a. Wheels shall be heavy duty, full swiveling, with puncture proof tire. Yes No
- b. Shall be equipped with sealed bearings with means of lubricating Yes No
- c. Tires to be approximately 16 inches overall diameter. Tires size 15" (4x8)

Term Contract No. 765B

Page: 12
 BID No. 201400035

BIDDER: Dixie Lawn Service Inc. dba Billy's Parts & Equip.

QUESTIONNAIRE

THE FOLLOWING MUST BE FILLED IN BY THE BIDDER

SERVICE

Names, addresses and telephone numbers of representatives who will render services under this contract (Use additional sheets if necessary):

Name	Tobi Landry	Phone	704-259-6118
Address	126 Bessie Drive	Fax	704-259-6126
City, State, Zip	Kings Mountain NC 28086	Email	wtlandry@yahoo.com

Name	Shirley Howell	Phone	704-259-6118
Address	126 Bessie Drive	Fax	704-259-6126
City, State, Zip	Kings Mountain NC 28086	Email	showell@dixielawn.com

Name		Phone	
Address		Fax	
City, State, Zip		Email	

Name		Phone	
Address		Fax	
City, State, Zip		Email	

DISTRIBUTION

Number of distribution points from which contract will be serviced: 1
 (Use additional sheets if necessary)

Distribution points location (City & State):	
1	Kings Mountain NC
2	
3	
4	
5	
6	
7	

Term Contract No. 765B

Page: 13
 BID No. 201400035

BIDDER: Dixie Lawn Service Inc. dba Billy's Parts & Equip.

ORDERING INFORMATION:

List the authorized dealers that will service this contract (Use additional sheets if necessary):

Name	Dixie Lawn Service Inc		
Address	126 Bessie Drive	Phone	704-259-6118
City, State, Zip	Kings Mountain NC 28086	Fax	704-259-6126
Contact	Tobi Landry	Email	wtlandry@yahoo.com

Name			
Address		Phone	
City, State, Zip		Fax	
Contact		Email	

Name			
Address		Phone	
City, State, Zip		Fax	
Contact		Email	

Name			
Address		Phone	
City, State, Zip		Fax	
Contact		Email	

Name			
Address		Phone	
City, State, Zip		Fax	
Contact		Email	

Name			
Address		Phone	
City, State, Zip		Fax	
Contact		Email	

Product information telephone number: 704-259-6118

Term Contract No. 765B

Page: 14
 BID No. 201400035

BIDDER: Dixie Lawn Service Inc. dba Billy's Parts & Equip.

NC Supplier Contact Form

Company Information	
Company Name	Dixie Lawn Service Inc.
Address	126 Bessie Drive
City, State, Zip Code	Kings Mountain NC 28086
Company Phone	704-259-6118
Company Fax	704-259-6126
Description of Products Sold	Comercial mowing equipment
Does your company utilize fulfillment partners/channel partners (dealers, distributors, resellers, etc.)?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Customer Service Phone Number	704-259-6118
Ariba Network ID (if applicable)	
Dun & Bradstreet Number	
Website URL (if applicable)	dixielawn.com
Business Contact – Person who understands NC relationships and who can serve as a project manager	
First and Last Name	Tobi Landry
Job Title	Parts & service manager
Phone Number	704-259-6118
Fax Number	704-259-6126
E-Mail Address	wtlandry@yahoo.com
Address (if different from above)	
Technical Contact – (If different from above) – Person within your organization who can assist with the creation of an electronic product catalog for your contract line items	
First and Last Name	Tobi Landry
Job Title	Parts & service manager
Phone Number	704-259-6118
Fax Number	704-259-6126
E-Mail Address	wtlandry@yahoo.com
Address (if different from above)	
Corporate eCommerce Contact – (If different from above) – Person within your organization who best understands the company eCommerce initiatives and will communicate these initiatives to the organization	
First and Last Name	
Job Title	
Phone Number	
Fax Number	
E-Mail Address	
Address (if different from above)	

ADDENDUM

1	5/14/14	Change Contract Administrator to Chris Tart