

Purchasing Department
Madison County Board of Supervisors
146 West Center Street
Canton, Mississippi 39046

601-855-5503
hardy@madison-co.com

16 February 2017

District 1 Supervisor Sheila Jones
District 2 Supervisor Trey Baxter
District 3 Supervisor Gerald Steen
District 4 Supervisor David Bishop
District 5 Supervisor Paul Griffin

Subject: Proposals for Rights of Way Mowing and Spraying

Dear Board Members:

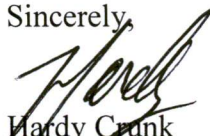
Late last year the board directed that the county advertise for requests for proposals for mowing and spraying roadside rights of way. Two proposals were received: one for mowing and spraying and one for spraying only. Copies of the proposals along with tabulations and estimate sheets are attached.

As you can see from the last line on the attachment entitled *Mowing and Spraying Rights of Way Tabulation*, the Road Department is mowing rights of way for approximately one-half of the cost of Rotolo's proposal.

As to the proposals for spraying rights of way only while continuing to mow using Road Department resources, the lowest price was submitted by Helena Chemical. Please see the attached sheet entitled *Spraying Rights of Way Tabulation*. I calculated the base proposals to show the cost of three sprayings per year for one mile, 200 miles, 300 miles, 400 miles, and 500 miles.

Based upon my research and the people with whom I have communicated, spraying offers the greatest potential to reduce mowing needs and produce long-term cost savings. Upon the recommendation of the Helena Chemical salesman, I telephoned Oktibbeha County Road Manager Victor Collins (662-418-3423) to inquire about his county's reduced mowing needs resulting from its spraying program. Mr. Collins stated that before implementing a spraying program about four years ago, the county mowed roads five times per year. He said the county now mows roads once or twice a year, with the first cutting beginning shortly before July 1. I would recommend that the board consider implementing a spraying program. The low cost of spraying could be offset by the savings from a reduced number of needed annual mowings in the future.

Sincerely,



Hardy Crunk
Purchase Clerk

MOWING AND SPRAYING RIGHTS OF WAY TABULATION

	ROTOTL DBA RCI
URBAN AREA (INCLUDES STATE AID ROADS)	\$491,668
STATE AID ROADS NOT LOCATED IN URBAN AREA	\$260,767
RURAL AREA (NO STATE AID ROADS)	\$566,344
All COUNTY ROADS (INCLUDING STATE AID)	\$1,318,779

ROTOLO'S PROPOSAL INCLUDES:
MOWING FOUR TIMES PER YEAR
SPRAYING TWO TIMES PER YEAR
LITTER CONTROL PRIOR TO CUTTING
CUTTING AROUND BRIDGES
CUTTING SLOPES

THE ROAD DEPARTMENT DOES NOT CURRENTLY SPRAY. TO FAIRLY COMPARE ROTOLO'S PRICE TO THE IN-HOUSE COST, ROTOLO SUPPLIED AN ESTIMATE OF THE SPRAY COST BUILT INTO THEIR PRICE. THE BELOW NUMBERS SHOW THE APPROXIMATE AMOUNT OF ROTOLO'S PRICE WITH SPRAYING REMOVED:

ROTOLO'S TOTAL PRICE FOR ALL COUNTY ROADS	\$1,318,779
ROTOLO'S ESTIMATED SPRAY COMPONENT	\$140,000
ROTOLO'S ESTIMATED PRICE WITH SPRAYING REMOVED	\$1,178,779
ESTIMATED COST OF IN-HOUSE MOWING BY ROAD DEPT.	\$553,715
DIFFERENCE	\$625,064

SPRAYING RIGHTS OF WAY TABULATION

	HELENA CHEMICAL	ROTOLO DBA RCI
ONE SPRAY PER MILE (BOTH SIDES OF ROAD)	\$67.12	\$81.25
YEARLY SPRAY COST PER MILE (3 SPRAYS)	\$201.36	\$243.75
YEARLY SPRAY COST PER 200 MILES (3 SPRAYS)	\$40,272.00	\$48,750.00
YEARLY SPRAY COST PER 300 MILES (3 SPRAYS)	\$60,408.00	\$73,125.00
YEARLY SPRAY COST PER 400 MILES (3 SPRAYS)	\$80,544.00	\$97,500.00
YEARLY SPRAY COST PER 500 MILES (3 SPRAYS)	\$100,680.00	\$121,875.00

NOTE: SPRAY SPECIFICATIONS REQUIRE A MINIMUM OF 200 MILES PER YEAR

ESTIMATED ANNUAL COST OF MOWING RIGHTS OF WAY

COST OF TRACTORS AND MOWERS (FIVE-YEAR AMORITIZATION)	\$146,733.36
LABOR (ESTIMATE SUPPLIED BY ADMINISTRATOR)	\$318,810.28
FUEL (ESTIMATE SUPPLIED BY AMBER)	\$45,000.00
REPAIR PARTS ITEMIZED ON POs	\$25,171.57
REPAIR PARTS WITHOUT PO (ESTIMATE SUPPLIED BY AMBER)	\$5,000.00
TIRES	\$1,000.00
CREW CHIEFS' PICKUP TRUCK COST (ESTIMATE BY HARDY)	\$12,000.00
TOTAL	\$553,715.21

Madison County, MS
 Estimation of Costs Associated With In-house ROW Mowing
 February 21, 2017

Assumptions:

- 10 Tractors
- 2 Crew Chiefs
- 4 Full-time operators
- 6 Part-time operators
- May - November Mowing (28 weeks)
- Full-time operators work 50 hours per week for 4 weeks

Position	Rate	Hours	Weeks	Total	SSA	PERS	Insurance	Total
Chief 1	\$ 18.95	40	24	\$ 18,192.00	\$ 1,391.69	\$ 2,865.24	\$ 4,177.46	\$ 26,626.39
Chief 1	\$ 18.95	50	4	\$ 3,792.00	\$ 290.09	\$ 597.24		\$ 4,679.33
Chief 2	\$ 13.39	40	24	\$ 12,864.00	\$ 984.10	\$ 2,026.08	\$ 4,177.46	\$ 20,051.64
Chief 2	\$ 13.39	50	4	\$ 2,680.00	\$ 205.02	\$ 422.10		\$ 3,307.12
Full Time 1	\$ 11.33	40	24	\$ 10,872.00	\$ 831.71	\$ 1,712.34	\$ 4,177.46	\$ 17,593.51
Full Time 1	\$ 11.33	50	4	\$ 2,268.00	\$ 173.50	\$ 357.21		\$ 2,798.71
Full Time 2	\$ 11.00	40	24	\$ 10,560.00	\$ 807.84	\$ 1,663.20	\$ 4,177.46	\$ 17,208.50
Full Time 2	\$ 11.00	50	4	\$ 2,200.00	\$ 168.30	\$ 346.50		\$ 2,714.80
Full Time 3	\$ 11.00	40	24	\$ 10,560.00	\$ 807.84	\$ 1,663.20	\$ 4,177.46	\$ 17,208.50
Full Time 3	\$ 11.00	50	4	\$ 2,200.00	\$ 168.30	\$ 346.50		\$ 2,714.80
Full Time 4	\$ 12.00	40	24	\$ 11,520.00	\$ 881.28	\$ 1,814.40	\$ 4,177.46	\$ 18,393.14
Full Time 4	\$ 12.00	50	4	\$ 2,400.00	\$ 183.60	\$ 378.00		\$ 2,961.60
Part-Time 1	\$ 10.00	40	28	\$ 11,200.00	\$ 856.80	\$ 1,764.00	\$ 2,983.90	\$ 16,804.70
Part-Time 2	\$ 10.00	40	28	\$ 11,200.00	\$ 856.80	\$ 1,764.00	\$ 2,983.90	\$ 16,804.70
Part-Time 3	\$ 10.00	40	28	\$ 11,200.00	\$ 856.80	\$ 1,764.00	\$ 2,983.90	\$ 16,804.70
Part-Time 4	\$ 10.00	40	28	\$ 11,200.00	\$ 856.80	\$ 1,764.00	\$ 2,983.90	\$ 16,804.70
Part-Time 5	\$ 10.00	40	28	\$ 11,200.00	\$ 856.80	\$ 1,764.00	\$ 2,983.90	\$ 16,804.70
Part-Time 6	\$ 10.00	20	28	\$ 5,600.00	\$ 428.40	\$ 882.00		\$ 6,910.40
Litter Chief 1	\$ 16.17	40	28	\$ 18,116.00	\$ 1,385.87	\$ 2,853.27	\$ 2,983.90	\$ 25,339.04
Litter Chief 2	\$ 16.17	40	28	\$ 18,116.00	\$ 1,385.87	\$ 2,853.27	\$ 2,983.90	\$ 25,339.04
Litter Chief 3	\$ 16.17	40	28	\$ 18,116.00	\$ 1,385.87	\$ 2,853.27	\$ 2,983.90	\$ 25,339.04
Repair	\$ 22.80	8	43	\$ 7,826.00	\$ 598.69	\$ 1,232.60	\$ 5,943.93	\$ 15,601.22

\$ 318,810.28

PROPOSAL SHEET

RIGHT OF WAY MOWING AND SPRAYING

Proposal Due Date: 10 A.M. 14 February 2017

Madison County Chancery Clerk's Office

Madison County Chancery Courthouse

Rooms 225-227, Second Floor

146 West Center Street, Canton, Mississippi 39046

URBAN AREA AS DEPICTED ON MAP

FOUR CUTS, 16 ZERO-TURN CUTS (2 PER MONTH
FOR 8 MONTHS), AND TWO SPRAYS PER YEAR

\$ 491,668

EXTRA CUTS (EACH)

\$ 57,649

EXTRA ZERO-TURN CUTS (EACH)

\$ 5,898

EXTRA SPRAYS (EACH)

\$ 12,824

ZERO-TURN ROADS/INTERSECTIONS ONLY (TO BE CONSIDERED IF AN URBAN AREA CONTRACT IS NOT AWARDED)

16 ZERO-TURN CUTS (2 PER MONTH FOR
8 MONTHS), AND TWO SPRAYS PER YEAR

\$ 109,461

EXTRA ZERO-TURN CUTS (EACH)

\$ 5,898

EXTRA SPRAYS (EACH)

\$ 493

ALL STATE AID ROADS NOT LOCATED IN URBAN AREA OR CITY

FOUR CUTS AND TWO SPRAYS PER YEAR \$ 260,767

EXTRA CUTS (EACH) \$ 56,821

EXTRA SPRAYS (EACH) \$ 16,743

RURAL AREA (DEFINED AS ALL COUNTY ROADS NOT LOCATED IN THE URBAN AREA AND NOT A STATE AID ROAD)

FOUR CUTS AND TWO SPRAYS PER YEAR \$ 566,344

EXTRA CUTS (EACH) \$ 121,580

EXTRA SPRAYS (EACH) \$ 40,012

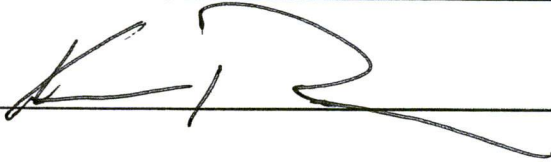
MOWING RIGHT OF WAY UP TO 15 FOOT MAXIMUM FROM EDGE OF PAVEMENT WITH ROADS TO BE DETERMINED AT FUTURE DATE BY ROAD MANAGER. MINIMUM OF 200 MILES (A MILE EQUALS ONE LINEAR MILE ON BOTH SIDES OF THE ROAD.).

MOWING PER MILE (BOTH SIDES OF ROAD) \$ 327

SPRAYING RIGHTS OF WAY WITH ROADS TO BE DETERMINED AT FUTURE DATE BY ROAD MANAGER. MINIMUM OF 200 MILES (A MILE EQUALS ONE LINEAR MILE ON BOTH SIDES OF THE ROAD.).

SPRAYING PER MILE (BOTH SIDES OF ROAD) \$ 81.25

NAME OF PROPOSER: Rotolo Consultants Inc. - Keith Rotolo

SIGNATURE OF PROPOSER: 

PROPOSER'S ADDRESS: PO Box 702, 1106 Hwy 49 North, Flora, MS 39071

PROPOSER'S TELEPHONE NUMBER: 800-641-2427 or 601-842-7130

PROPOSER'S EMAIL ADDRESS: kmrotolo@rotoloconsultants.com

ALL PROPOSALS MUST BE SIGNED BY AUTHORIZED COMPANY REPRESENTATIVE

PROPOSAL SHEET

RIGHT OF WAY MOWING AND SPRAYING

Proposal Due Date: 10 A.M. 14 February 2017

Madison County Chancery Clerk's Office

Madison County Chancery Courthouse

Rooms 225-227, Second Floor

146 West Center Street, Canton, Mississippi 39046

URBAN AREA AS DEPICTED ON MAP

FOUR CUTS, 16 ZERO-TURN CUTS (2 PER MONTH FOR 8 MONTHS), AND TWO SPRAYS PER YEAR

\$ _____

EXTRA CUTS (EACH)

\$ _____

EXTRA ZERO-TURN CUTS (EACH)

\$ _____

EXTRA SPRAYS (EACH)

\$ _____

NO BID

ZERO-TURN ROADS/INTERSECTIONS ONLY (TO BE CONSIDERED IF AN URBAN AREA CONTRACT IS NOT AWARDED)

16 ZERO-TURN CUTS (2 PER MONTH FOR 8 MONTHS), AND TWO SPRAYS PER YEAR

\$ _____

EXTRA ZERO-TURN CUTS (EACH)

\$ _____

EXTRA SPRAYS (EACH)

\$ _____

NO BID

GREG J. WALL
HELENA CHEMICAL
P. O. BOX 219
STURGIS, MS 39769

ALL STATE AID ROADS NOT LOCATED IN URBAN AREA OR CITY

FOUR CUTS AND TWO SPRAYS PER YEAR

\$ _____

EXTRA CUTS (EACH)

\$ _____

EXTRA SPRAYS (EACH)

\$ _____

NO BID

RURAL AREA (DEFINED AS ALL COUNTY ROADS NOT LOCATED IN THE URBAN AREA AND NOT A STATE AID ROAD)

FOUR CUTS AND TWO SPRAYS PER YEAR

\$ _____

EXTRA CUTS (EACH)

\$ _____

EXTRA SPRAYS (EACH)

\$ _____

NO BID

MOWING RIGHT OF WAY UP TO 15 FOOT MAXIMUM FROM EDGE OF PAVEMENT WITH ROADS TO BE DETERMINED AT FUTURE DATE BY ROAD MANAGER. MINIMUM OF 200 MILES (A MILE EQUALS ONE LINEAR MILE ON BOTH SIDES OF THE ROAD.).

MOWING PER MILE (BOTH SIDES OF ROAD)

\$ NO BID

SPRAYING RIGHTS OF WAY WITH ROADS TO BE DETERMINED AT FUTURE DATE BY ROAD MANAGER. MINIMUM OF 200 MILES (A MILE EQUALS ONE LINEAR MILE ON BOTH SIDES OF THE ROAD.).

SPRAYING PER MILE (BOTH SIDES OF ROAD)

\$ 67¹² per mile for both sides of road 15' maximum on each side.
(# 67¹² per centerline mile)

NAME OF PROPOSER: Greg J. Wall

SIGNATURE OF PROPOSER: Greg J. Wall

PROPOSER'S ADDRESS: PO Box 219 Sturgis MS 39769

PROPOSER'S TELEPHONE NUMBER: 662 312 0510

PROPOSER'S EMAIL ADDRESS: wallg@helenachemical.com

ALL PROPOSALS MUST BE SIGNED BY AUTHORIZED COMPANY REPRESENTATIVE

Adjuvants + herbicides pick up
local @ Helena Canton

warehouse 859-8735 Canton