

BID SPECIFICATIONS Herbicides and Adjuvants

All herbicides and adjuvants shall meet or exceed specifications as outlined in the Invitation to Bid and as set out below, and shall comply with each of the following:

- A copy of label(s) shall be included for each item bid, and when requested in the specification, shall be labeled for right-of-way and/or aquatic use. ***Bids submitted without labels will not be considered.***
- As a part of the bid, the successful bidder shall provide a qualified representative to provide assistance and training in regards to herbicide application. Representative must be experienced in the field of herbicides and right-of-way application. Representative must be available to assist counties via phone and/or on-site in the determination of appropriate products, timing and rates.
- Representative must be available to assist counties in handling of complaints, if necessary.
- All bidders shall name qualified representative and list experience in developing other brush control programs with county road departments and attach this information to bid.
- Bidder must identify any equivalency in specification by circling said item specification (i.e., percentage, unit, trade name, etc.) and indicating said equivalency for that description.
- Bidder must provide documentation that any equivalency meets all state and federal regulations regarding proper and available uses for the items bid. Failure to provide evidence that the equivalent item can be used for the same purposes as the item stated in the specification may result in disqualification on that bid item.
- Bidders are not required to bid on all items.
- Each item will be awarded separately based on lowest responsible bid.
- Bid price shall include delivery.
- All deliveries shall be made within one (1) calendar week of order to location(s) specified by county making purchase. All herbicides and adjuvants not delivered in this time period will be reduced in price by 10%.

BID ITEMS

ITEM 1 Request

Proprietary blend of ammonium polyacrylates, hydroxycarboxylates and sulfates.....50%
 Inert Ineffective Ingredients.....50%

Helena Chemical \$15.30/gal

ITEM 2 Sulfomet Extra

Sulfomentron methyl {Methyl 2-[[[(4,6-dimethyl-2-pyrimidinyl)amino]-carbonyl]amino]sulfonyl]benzoate}..... 56.25%
 Metsulfuron methyl {Methyl 2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]-carbonyl]amino]sulfonyl]benzoate}.....15.00%
 Inert Ingredients.....28.75%

Alligare \$28.05/lb.

ITEM 3 Capstone

Triisopropanolammonium salt of 2-pyridine
 Carboxylic acid, 4-amino-3, 6-dichloro.....2.22%
 Triethylamine salt of [(3,5,6-trichloro-2-pyridinyl)oxy]acetic acid.....16.22%
 Other ingredients.....81.56%

Helena Chemical \$37.08/gal

VM Distributions \$37.08/gal

ITEM 4 Outrider

Sulfosulfuron.....75%
 Other Ingredients.....25%

Helena Chemical \$13.90/dry oz. – 20 oz. bottles

ITEM 5 Element 3A

Triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid, as the triethylamine salt.....44.4%
 Inert Ingredients.....55.6%

Helena Chemical \$32.94/gal

ITEM 6 Accord

Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt.....53.8%
 Inert Ineffective Ingredients.....46.2%
 (Aquatic approved by EPA, aquatic toxicity study test)

Helena Chemical \$17.47/ gal 2x2.5

Helena Chemical \$17.20/ gal 4x30

ITEM 7 Red River GP90

Proprietary blend of Alkyl Aryl Polyoxylkane ether free fatty acids.....90%
 Inert Ineffective Ingredients.....10%

(Aquatic Toxicity Study Package Results Must Be Included)

	Helena Chemical	\$18.90/gal
ITEM 8	MSMA Plus	
	Monosodium Acid Methane Arsonate.....	47.6%
	Inert Ineffective Ingredients..... (Surfactant included)	52.4%
	Helena Chemical	\$21.46/gal
ITEM 9	Red River 1% Solution	
	Principal Functioning Agent: Polyvinylpolymer.....	1%
	Inert Ineffective.....	99%
	Red River Specialities	\$8.90/gal
ITEM 10	Red River GP-90/Aligare Surface	
	Proprietary blend of Alkyl Aryl Polyoxylated Glycols and derivatives thereof.....	90%
	Components ineffective as spray adjuvant.....	10%
		\$7.88 /gal (2x21/2)
	Alligare	\$7.38/gal (30gal drum)
ITEM 11	Ad-spray 80	
	Proprietary blend of Alkyl Aryl Polyoxylated Glycols and derivatives thereof.....	80%
	Components ineffective as spray adjuvant.....	20%
	Helena Chemical	\$10.68/gal
ITEM 12	Secure Ultra (Alligare Pattern Drift)	
	Polyvinyl Polymer (Polyacrylamide).....	35.25%
	Inert Ingredients..... (Compatible with glyphosate)	65%
	Alligare	\$8.16/qt.
ITEM 13	Gly Star Pro/ Glyphos Extra	
	Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt.....	41.0%
	Inert Ingredients.....	59.0%
	(Surfactant included, EPA label for right-of-way)	
	Crop Production Services	\$13.05/gal
ITEM 14	Tordon 101	
	Picloram: 4-amino-3,5,6-trichloropicolinic acid, triisopropanolamine salt.....	10.2%
	2,4-Dichlorophenoxyacetic acid triisopropanolmine salt.....	39.6%
	Inert Ingredients.....	50.2%
	Alligare	\$23.05/gal
ITEM 15	DMA 4 IVM	
	Dimethylamine salt of 2,4-Dichlorophenoxyacetic acid.....	46.8%
	Inert Ingredients.....	53.2%
	Helena Chemical	\$14.12/gal
ITEM 16	Imazapyr 2 SL	

Isopropylamine salt of Imazapyr (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid).....	28.7%
Inert Ingredients.....	71.3%
Helena Chemical	\$46.50/gal

ITEM 17 Krenite S

Ammonium salt of fosamine [ethyl hydrogen (aminocarbonyl) phosphonate].....	41.5%
Inert Ingredients.....	58.5%
VM Distributions	\$59.99/gal

ITEM 18 Diuron 4L

3-(3,4-Dichlorophenyl)-1, 1-dimethylurea	40.0%
Inert Ingredients	60.0%
Alligare	\$18.75/gal

ITEM 19 Landmark XP

Sulfometuron methyl {Methyl 2-[[[(4,6-dimethyl-2-pyrimidinyl)amino]-carbonyl]amino]sulfonyl]benzoate}.....	50%
Chlorsulfuron {2-Chloro-N-[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)aminocarbonyl]Benzenesulfonamide.....}	25%
Inert Ingredients.....	25%
Helena Chemical	\$110.97/gal

ITEM 20 Roundup Pro/accord XRT

Roundup Pro Concentrate by Monsanto	
Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt.....	50.2%
Other ingredients:	49.8%
Red River Specialities	\$17.24/gal

ITEM 21 Plateau

Ammonium salt of imazapic (±)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-methyl-3-pyridinecarboxylic acid*.....	23.6%
Inert Ingredients.....	76.4%
Alligare	\$113.05/gal

ITEM 22 Milestone

Triisopropanolammonium salt of 2-pyridineCarboxylic acid, 4-amino-3,6-dichloro-.....	40.6%
Inert Ingredients.....	59.4%
Helena Chemical	\$299.73/gal
VM Distributions	\$299.73/gal

ITEM 23 Sahara DG or Mojave 70 E G

Imazapyr (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid).....	7.78%
Diuron (3-[3,4-dichlorophenyl]-1,1-dimethylurea).....	62.22%

Inert Ingredients.....	30.00%
Alligare	\$7.95/lb.

ITEM 24 Ground Zero

Proprietary Blend of Polyetheneal and Polypropenylamide Co-Polymers, Paraffinic hydrocarbons, and emulsifiers.....100% per pint

Helena Chemical	\$8.71/pt.
------------------------	-------------------

ITEM 25 Vista XRT

Fluroxypyr 1-methylheptyl ester ((4-amino-3,5-dichloro-6-Fluoro-2-pyridinyl)oxy).....26.2%
 Inert Ingredients.....73.8%

Alligare	\$124.95/gal
-----------------	---------------------

ITEM 26 Journey

Imazapic, (+)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol
 -2-yl]-5-Methyl-3-pyridinecarboxylic acid*.....8.13%
 Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt.....21.94%
 Inert Ingredients.....69.93%

NO BID	\$ _____/gal
---------------	---------------------

ITEM 27 Hardball

2,4-Dichlorophenoxyacetic Acid.....19.6%
 Inert Ingredients.....80.4%

Helena Chemical	\$29.88/gal
------------------------	--------------------

ITEM 28 AccuQuest

Proprietary blend of ammonium polyacrylates, hydroxy carboxylates, sulfates and polymeric deposition agents ...
45.0%
 Components ineffective as an adjuvant55.0%

Helena Chemical	\$28.10/gal
------------------------	--------------------

ITEM 29 Brush-Rhap

3,6-dichloromethoxybenzoic acid.....18.28%
 2,4-Dichlorophenoxyacetic acid.....24.62%
 Inert Ingredients.....57.10%

Helena Chemical	\$73.48/gal
------------------------	--------------------

ITEM 30 Showdown

Glyphosate, N-(phosphonomethyl)glycine, in the form of its isopropylamine salt.....37.54%
 Glyphosate, N-(phosphonomethyl)glycine, in the form of its monoammonium salt.....3.42%
 Inert Ingredients.....59.04%

Helena Chemical	\$15.78/gal
------------------------	--------------------

ITEM 31 Barrage HF (LIP – Salvo: 81%)

2- Ethylhexyl Ester of 2,4- Dichlorophenoxyacetic Acid.....78.1 %
 Inert Ingredients.....21.9%

Crop Production Services \$26.00/gal

ITEM 32 Opensight

Potassium salt of 2-pyridine carboxylic acid, 4-amino- 3,6-dichloro-.....62.13%
 Metsulfuron methyl.....9.45%
 Other ingredients.....28.42%

Helena Chemical \$80.34/lb.
VM Distributions \$80.34lb

ITEM 33 Trycera

Triclopyr: 3,5,6-trichloro-2-pyridinyloxyacetic acid.....29.4%
 Inert Ingredients.....70.6%

Helena Chemical \$86.21/lb./gal

ITEM 34 Dyne-A-Pak or Equivalent

Proprietary blend of Alkanolamides, alkanoates, trisiloxane and carbamides.....76.00%
 Formulation Aids.....24.00%

Helena Chemical \$37.50/gal

ITEM 35 Sulfomet XP

Sulfometuron methyl{Methyl 2-[[[(4,6-dimethyl-2-pyrimidinyl)amino]-carbonyl]amino]sulfonyl}benzoate}.....75.0%
 Other Ingredients25.0%

Helena Chemical \$25.14/lb.

ITEM 36 Perspective

Isopropylamine salt of imazpyr: (2-[4,5-dihydro-4-(1-methylethyl) – 5 oxo-1H-imidazol-2yl]-3-pyridinecarboxylic acid) *27.6%
 Other Ingredients.....72.4%

Helena Chemical \$73.60/lb.
VM Distributions \$73.60/lb.