



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia Master Agreement

Order Date: 05-01-2023

CORRECT ORDER NUMBER MUST
APPEAR ON ALL PACKAGES, INVOICES,
AND SHIPPING PAPERS. QUESTIONS
CONCERNING THIS ORDER SHOULD BE
DIRECTED TO THE DEPARTMENT
CONTACT.

Order Number:	CMA 0803 0066 DOT2200000041 2	Procurement Folder:	926836
Document Name:	Highway Pollinator Mitigation Site Development & Maintenance	Reason for Modification:	Change Order No. 1 - to add additional sites per the contract, increase pricing and mileage reimbursement
Document Description:	Highway Pollinator Mitigation Site Dev & Maintenance		
Procurement Type:	Central Master Agreement		
Buyer Name:			
Telephone:			
Email:			
Shipping Method:	Best Way	Effective Start Date:	2022-01-01
Free on Board:	FOB Dest, Freight Prepaid	Effective End Date:	2025-12-31

VENDOR	DEPARTMENT CONTACT																				
Vendor Customer Code: 000000163048 ALLSTAR ECOLOGY LLC 1582 MEADOWDALE RD FAIRMONT WV 26554 US Vendor Contact Phone: 3048163490 Extension: Discount Details: <table><thead><tr><th></th><th>Discount Allowed</th><th>Discount Percentage</th><th>Discount Days</th></tr></thead><tbody><tr><td>#1</td><td>No</td><td>0.0000</td><td>0</td></tr><tr><td>#2</td><td>No</td><td></td><td></td></tr><tr><td>#3</td><td>No</td><td></td><td></td></tr><tr><td>#4</td><td>No</td><td></td><td></td></tr></tbody></table>		Discount Allowed	Discount Percentage	Discount Days	#1	No	0.0000	0	#2	No			#3	No			#4	No			Requestor Name: Martha A Gibson Requestor Phone: (304) 558-9495 Requestor Email: marty.a.gibson@wv.gov 23 FILE LOCATION _____
	Discount Allowed	Discount Percentage	Discount Days																		
#1	No	0.0000	0																		
#2	No																				
#3	No																				
#4	No																				

INVOICE TO	SHIP TO
VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER No City WV 99999 US	VARIOUS AGENCY LOCATIONS AS INDICATED BY ORDER No City WV 99999 US

5-3-23
BOT

Total Order Amount:

Open End

Purchasing Division's File Copy

ENTERED

PURCHASING DIVISION AUTHORIZATION
DATE: *Tanya J. C. 5/2/23*
ELECTRONIC SIGNATURE ON FILE

ATTORNEY GENERAL APPROVAL AS TO FORM
DATE: *John L. Gray*
ELECTRONIC SIGNATURE ON FILE
5/3/2023

ENCUMBRANCE CERTIFICATION
Beverly T. ...
DATE: *5-3-23*
ELECTRONIC SIGNATURE ON FILE

Extended Description:

Change Order

Change Order No. 01 is issued add five (5) new pollinator sites per section 3.2.3.4 of the specifications, increase the mileage reimbursement rate per mile from \$0.56 per mile to \$0.655 and to increase the unit cost of Herbicide Treatment from \$180.00 per acre to \$186.70 per acre, per the attached documentation.

All provisions of the original Contract and subsequent Change Orders not modified herein shall remain in full force and effect.

No other changes.

Line	Commodity Code	Manufacturer	Model No	Unit	Unit Price
1	70110000			LS	0.000000
Service From		Service To		Service Contract Amount	
				0.00	

Commodity Line Description: Highway Pollinator Mitigation Site Development & Maintenance

Extended Description:

Highway Pollinator Mitigation Site Development & Maintenance 6622C001

See attached pricing pages.

April 28, 2023

**To: Sondra Mullins
Assistant Director
Technical Support Division
NEPA Compliance and Permitting Section
1334 Smith Street
Charleston, WV 25301**

RE: Requested 2023 Rate Increase Request for WVDOH Highway Pollinator Mitigation Site Development and Maintenance (CRFQ DOT2200000040)

AllStar Ecology LLC (ASE) has installed and maintained 80 proposed sites totaling 125 acres for the above listed project in 2022. After analyzing the work that has been completed for this project in the last year, ASE has identified some issues related to cost of services, we would like to address with WV Divisions of Highways (WVDOH) regarding our original proposed bid rates. Three main issues were identified that ASE would like to request increases from original contract agreements. These are outlined below in bullet points and supporting documentation is included in corresponding attachments.

1. **Federal Mileage Rate Increase**-The original bid and corresponding billing rate for mileage has been \$0.56 per mile. Since this bid was accepted by WVDOH, the federal mileage rate has increased to \$0.655. ASE is requesting that mileage rates be increased to the current federal rate moving forward for this contract.
2. **Increase in Herbicide per Acre Price**- Prices of everything has increased from initiation of this bid. However, the main factor influencing this request is the precipitous increase in the price of herbicide. The table on the next page outlines the price increases in herbicide and our justification of the rate increase. Additionally, quotes for herbicide from 2021 and 2023 are included in Attachment A. ASE is requesting WVDOH to increase the Herbicide Application rate from \$180 per acre to \$186.70 per acre moving forward.

Introduction

AllStar Ecology, LLC (ASE) was formed to provide sound environmental consulting on natural resource issues. ASE takes pride in its willingness and flexibility to ensure that the goals of its clients are met along with the compliance with natural resource regulations. We provide highly efficient, specialized assistance to utilities, gas/mineral extraction companies, engineers, consultants, developers, non-profits, government agencies, etc. for projects involving natural resource issues such as streams and wetlands, rare-threatened-endangered species, archaeological/cultural resources, and wildlife/habitat management.

ASE is pleased to provide this plan and cost proposal to the West Virginia Division of Highways (WVDOT) for the implementation and development of five additional sites in Tucker County, WV as part of their Highway Pollinator Mitigation Site Development and Maintenance Initiative. ASE's diverse team of specialists are well suited to this task as the company can pull from its Pollinator, Vegetation Management, and Botany Sections to assemble a team to provide unparalleled service and capability in West Virginia.



ASE is a licensed contractor and pesticide application business in West Virginia and surrounding states.

Typical Site Plan

Based on the previous 125 acres of pollinator habitat implemented and maintained by ASE in 2022, ASE proposes the following steps to establish and maintain five additional pollinator plots in Tucker County in addition to what was originally proposed (See attached map for proposed locations).

Year 0 (Estimated hours: Establishment 15, Maintenance 15)

1. Review soil test results obtained by the West Virginia Extension Service and determined which plots need soil remediation.
2. Order desired seed mixes and obtain PLS certification test results.
3. Early spring visit plots to determine any final needs as assess growth of undesirable plants and if any mowing is needed.
4. Perform the soil remediation on any sites needing that treatment
5. Perform an herbicide application to control any regrowth and mow any plots that may have excessive amounts of vegetative matter.
6. In April 2023, drill pollinator mixes with no-till drill
7. May-August 2023, perform up to 3 site inspections per season
 - a. Mow plots down to 6 inches, maintain mowed borders as needed.
 - b. Spot spray any invasive or undesired weeds

Year 1 (Estimated Maintenance: 15 hours)

1. April 2024, check for cool season grass competition and spray with grass selective herbicide if needed.
2. May 2024, check for growth and spot spray invasives and undesirable weeds. Overseed areas if needed.
3. May-August 2024, maintain mowed borders of plots and monitor progress

Year 2 (Estimated Maintenance: 12 Hours)

1. April 2025, check for cool season grass competition and spray with grass selective herbicide if needed.
2. May 2025, check for growth and spot spray invasives and undesirable weeds. Overseed areas if needed.
3. May-August 2025, maintain mowed borders of plots and monitor progress.

Year 3 (Estimated Maintenance: 12 hours (not including trainings))

1. April 2026, check for cool season grass competition and spray with grass selective herbicide if needed.
 - a. Hold training days for WVDOT crews on spring maintenance
2. May 2026, check for growth and spot spray invasives and undesirable weeds. Overseed areas if needed.
3. May-August 2026, maintain mowed borders of plots and monitor progress.
 - a. Hold training days for WVDOT crew for summer maintenance.

Proposed Herbicides

ASE vegetation management program is well versed in the use of herbicides and proposes the following products to achieve the desired goals.

Round-Up Custom for Aquatic and Terrestrial Use (EPA Reg No. 524-343): A non-selective, systemic herbicide with an active ingredient of 53.8% glyphosate for foliar applications of actively growing plants. Used for site preparation and general weed maintenance.

Vastlan (EPA Reg No. 62719-687): A systemic herbicide with an active ingredient of 54.72% triclopyr for the control of woody vegetation and broadleaf perennials. For pollinator plot maintenance this herbicide is used to spot treat woody plants and other undesirable weeds and to promote warm season grasses.

Intensity One (EPA Reg No. 34704-976): A grass selective herbicide with an active ingredient of 12.6% clethodim. This herbicide is used to control grasses in plots, usually cool season grasses, but can also be used to control warm season species in-lieu of mowing or fire.

Esplanade 200 SC (EPA Reg No. 432-1516): A pre-emergent herbicide with an active ingredient of 19.05% indaziflam used for bare ground control. This herbicide would be used on non-paved pathways to keep them free of vegetation.

Seed Source

Seed will be obtained from Ernst Seed in Meadville, PA (<https://www.ernstseed.com>) and the order will be based on Pure Live Seed (PLS rates). Ernst Seed is a time tested supplier of seed in the region.

AllStar Ecology, LLC (ASE) is pleased to submit the following proposal to WVDOH for the installation of 5 additional pollinator sites planted and maintained in Tucker County, West Virginia estimated to total 5.6 acres. The deliverables for this proposal are listed in detail below along with the summary of services and fees, as stipulated in our original contract. In the event, that unforeseen and/or additional tasks/fees are deemed necessary for completion of a particular item; ASE will notify the client and clearly identify the scope of additional work needed. The scope of services and fees for each proposed task is listed below.



ALLSTAR ECOLOGY
Natural Resource Specialists

AllStar Ecology LLC

Time and Cost Estimate

Contract Item#	Estimate	Description	Units	Price/Unit	Extended Price
A	48.65	Horticulture Consulting Services	Hour	65	\$3,162.25
B	5.6	Pollinator Site Installation	Acre	195	\$1,092
C	NA	Path Substrate	Cubic Yd	65	NA
D-1	5	Simple Soil Remediation	Site	2000	\$10,000*
D-2	NA	Complex Soil Remediation	Site	35000	NA
F	33.6	Herbicide Treatment	Acre	180	\$6,048
G-1	119.75	Maintenance- Establishment Period	Hour	55	\$6,586.25
G-2	NA	Mature Site Maintenance & WVDOT Training	Hour	55	NA
H	2	Mobilization	Lump Sum	850	\$1,700
E-1	5.6	High Visual Base	Acre	685	\$3,836
E-2	5.6	Diverse Pollinator Add-On	Acre	410	\$2,296
E-3	5.6	Annual Add-On	Acre	120	\$672
E-4	1	Wet Mix Add-On	Acre	315	\$315
Mileage	450	Mileage for Maintenance	Mile	0.56	252
TOTAL					\$35,959.5

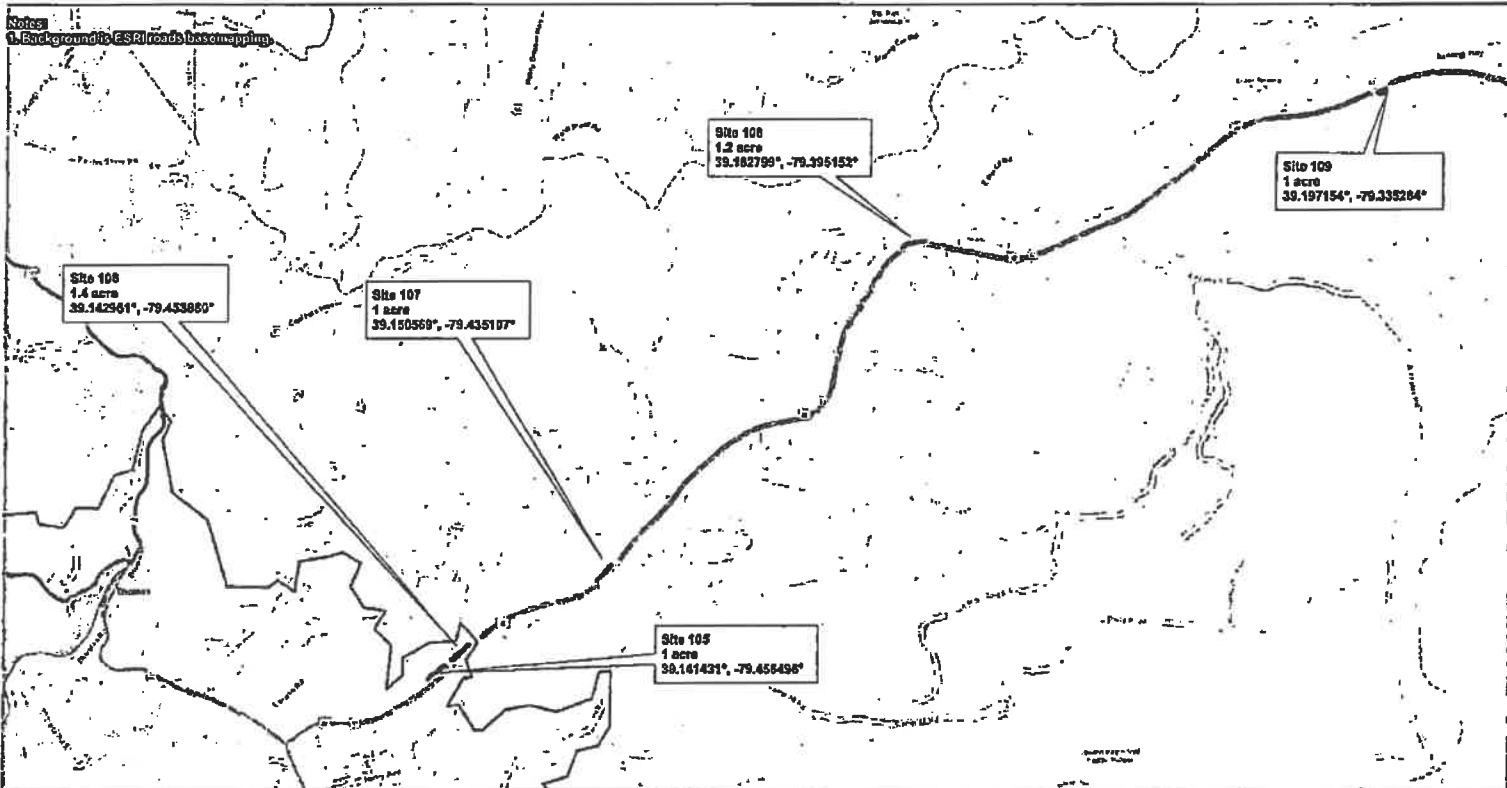
* Soil Remediation may not be needed depending on soil test results.



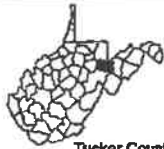
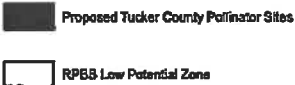
Feel free to reach out with any questions regarding these estimates. We appreciate this opportunity to continue to facilitate this exciting project for WVDOT.

Ernie Smith, PWS
Project Manager
AllStar Ecology LLC
304-816-3490

We are in agreement with the addition of the five proposed sites. Please let me know if you have any questions.

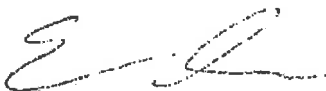
Carissa Nichols
WVDOT Operations Div.



 ALLSTAR ECOLOGY Natural Resource Specialists	 0 1,650 3,300 6,600 ft	 Tucker County, West Virginia		WV DOH	
				Proposed Pollinator Planting Site	
				Date: 11/15/2022	Index

Please contact me with any questions or concerns.

Thank you,



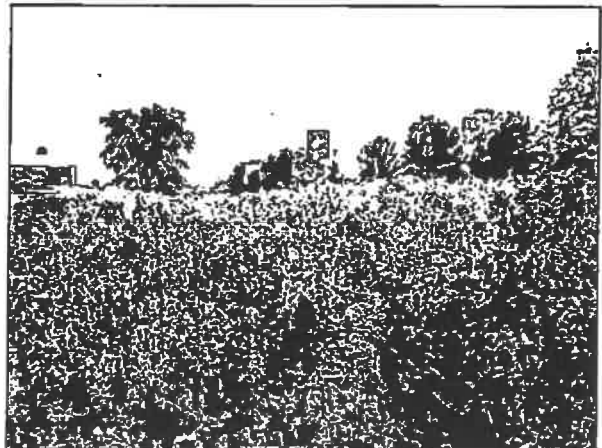
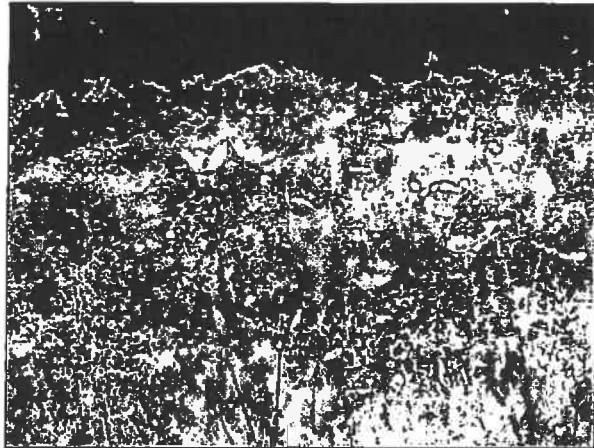
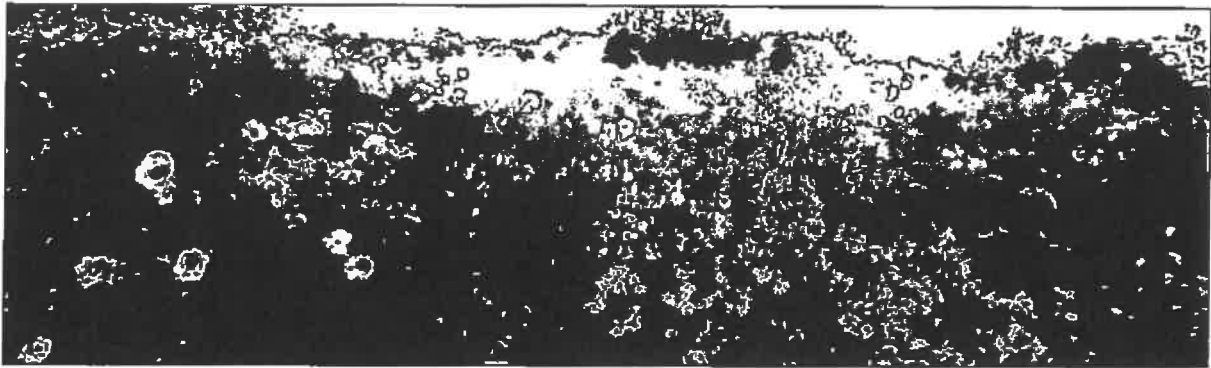
Ernie Smith, PWS
Project Manager
AllStar Ecology, LLC
304-816-3490 (Office line)
ernie@allstarecology.com

Enclosures (1):
Attachment A- 2021 and 2023 Herbicide Quotes

*We are in agreement with these price adjustments.
Please let us know if you have any questions.*

Carissa Nichols
WVDOH Operations Division

Proposal for Additional Pollinator Sites in Tucker County, West Virginia



Prepared For:



Prepared By:



AllStar Ecology, LLC.
1582 Meadowdale Rd.
Fairmont, WV 26554
November 16, 2022

District	Site #	Site Name	Estimated Acres	Latitude	Longitude	County	Seed Mix
5	105	US-48 Corridor H 1.2 miles from WV 32	1	39.14136	-79.45633	Tucker	Walk Through Mix
5	106	US-48 Corridor H 1.4 miles from WV 32	1.4	39.14308	-79.45353	Tucker	Walk Through Mix
5	107	US-48 Corridor H Riverstone Rd. Intersection	1	39.15072	-79.43514	Tucker	Walk Through Mix
5	108	US-48 Corridor H East Portal Road	1.2	39.18278	-79.39498	Tucker	Walk Through Mix
5	109	US-48 Corridor H Buffalo Coal Road	1	39.19672	-79.33537	Tucker	Walk Through Mix



AllStar Ecology LLC

2021 Herbicide Estimate

	Application Labor (3 hrs per ac)	2021 Herbicide Cost per gallon (based on 2021 Nutrient Price Quotes)	Proposed Application Rate	Herbicide Cost/Acre
Direct Labor/hour	\$20.00			
Overhead (135%)	\$27.00			
Round up Custom (non selective herbicide)		\$23.00	2 qts/ac	\$11.50
Vastlan (broad leaf selective herbicide)		\$92.00	1.5 qts/ac	\$34.50
Intensity One (grass selective herbicide)		\$88.75	1 qt/ac	\$22.19
				Average Cost/Acre of Herbicide
				\$22.73
10% Markup	\$4.70			\$2.27
TOTALS (Labor Rounded to Closest Dollar)	\$155.00			\$25.00
Total Cost/Acre for Herbicide in 2021 Proposal				\$180.00

2023 Herbicide Estimate

	Application Labor (3 hrs per ac)	2023 Herbicide Cost per gallon (based on 2023 Nutrient Price Quotes)	Proposed Application Rate	Herbicide Cost/Acre
Direct Labor/hour	\$20.00			
Overhead (135%)	\$27.00			
Round up Custom (non selective herbicide)		\$48.00	2 qts/ac	\$24.00
Vastlan (broad leaf selective herbicide)		\$102.00	1.5 qts/ac	\$38.25
Intensity One (grass selective herbicide)		\$96.85	1 qt/ac	\$24.21
				Average Cost/Acre of Herbicide
				\$28.82
10% Markup	\$4.70			\$2.88
TOTALS (Labor Rounded to Closest Dollar)	\$155.00			\$31.70
Total Cost/Acre for Herbicide 2023 Proposal				\$186.70

AllStar Ecology LLC
 1582 Meadowdale Road, Fairmont, WV 26554
 Phone 304-816-3490/Fax: 866-213-2666
www.allstarecology.com

Please contact me with any questions or concerns.

Thank you,



Ernie Smith, PWS
Project Manager
AllStar Ecology, LLC
304-816-3490 (Office line)
ernie@allstarecology.com

Enclosures (1):
Attachment A- 2021 and 2023 Herbicide Quotes

4-28-2023

We are in agreement with the requested price adjustments. Please let us know if you have any questions.

Caracas Nichols
WVDOT Operations Division

 An official website of the United States government

GSA U.S. General Services Administration

Privately Owned Vehicle (POV) Mileage Reimbursement Rates

GSA has adjusted all POV mileage reimbursement rates effective January 1, 2023.

Modes of Transportation	Effective/Applicability Date	Rate per mile
Airplane*	January 1, 2023	\$1.74
If use of privately owned automobile is authorized or if no Government-furnished automobile is available	January 1, 2023	\$0.655
If Government-furnished automobile is available	January 1, 2023	\$0.22
Motorcycle	January 1, 2023	\$0.635

Relocation	Effective/Applicability Date	Rate per mile
Standard mileage rates for moving purposes	January 1, 2023	\$0.22

Airplane nautical miles (NMs) should be converted into statute miles (SMs) or regular miles when submitting a voucher using the formula (1 NM equals 1.15077945 SMs).

For calculating the mileage difference between airports, please visit the U.S. Department of Transportation's [Inter-Airport Distance](#) website.

QUESTIONS:

For all travel policy questions, email travelpolicy@gsa.gov

The shortcut to this page is [gsa.gov/mileage](https://www.gsa.gov/mileage).

Questions

Have travel policy questions? Use our 'Have a Question?' site

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Near You

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Or Call 1-800-232-0233



Last Reviewed: 2022-12-29



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION
Division of Highways

1900 Kanawha Boulevard East • Building Five • Room 110
Charleston, West Virginia 25305-0430 • (304) 558-3505

Gregory L. Bailey, P.E.
Interim
State Highway Engineer

Jimmy Wriston, P. E.
Secretary of Transportation
Commissioner of Highways

April 5, 2023

MEMORANDUM

TO: Kristy James
Assistant Director, Budget and Procurement Division
Dudy J. Smith

FROM: Jimmy Wriston, P.E. *Jimmy Wriston P.E.*
Secretary/Commissioner

THRU: Gregory L. Bailey, P.E. *Gregory Bailey*
Interim State Highway Engineer

SUBJECT: Change Order 1 - Highway Pollinator Mitigation Site
Development and Maintenance Initiative CMA DOT2200000041

*Approved
Type of
communication
about mileage
reimbursement
rate to FW.*

At the request of the West Virginia Department of Highways Technical Support Division, NEPA Compliance and Permitting Section and AllStar Ecology, the Operations Division requests that a Change Order be processed for the subject contract for the following:

- To add five (5) additional pollinator sites, as permitted in section 3.2.3.4 of the Contract Specifications.
- To apply a price adjustment to the mileage reimbursement rate in section 3.2.8 of the Contract Specifications, changing the rate from 0.56 per mile to 0.655 per mile.
- To apply a price adjustment to the Herbicide Treatment price, Contract Item F, to increase the price from \$180.00 per acre to ~~\$186.80~~ *\$186.70* per acre.

Price adjustments are permitted within section 6.3 of the Contract Specifications.

Attached you will find documentation detailing the five (5) pollinator sites to be added in Tucker County, documentation justifying the mileage price adjustment, and documentation supporting the price adjustment of Herbicide Treatment.

Should you have any questions, please contact Ms. Heather Huffman, Assistant Director, Administrative Resources, at (304) 414-8946.

JW:Hn

Attachments

 An official website of the United States government

GSA U.S. General Services Administration POV Mileage Rates (Archived)

[Previous Airplane Reimbursement Rates](#)

[Previous Motorcycle Reimbursement Rates](#)

[Previous Automobile Reimbursement Rates](#)

[Previous Automobile Reimbursement Rates when Government-Owned Autos are Available](#)

The following are previous mileage reimbursement rates for airplanes:

Previous airplane rates

Effective Dates	Rate Per mile
July 1, 2022	\$1.81
January 1, 2022	\$1.515
January 1, 2021	\$1.26
January 1, 2020	\$1.27
January 1, 2019	\$1.26
January 1, 2018	\$1.21
January 1, 2017	\$1.15

The following are previous mileage reimbursement rates for motorcycles :

Previous motorcycle rates

Effective dates	Rate per mile
July 1, 2022	\$0.605
January 1, 2022	\$0.565
January 1, 2021	\$0.54
January 1, 2020	\$0.545
January 1, 2019	\$0.55
January 1, 2018	\$0.515
January 1, 2017	\$0.505

The following are previous privately owned automobile rates:

questions

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'Have a Question?' site

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Near You

[Visit Vaccines.gov](https://www.vaccines.gov)

Or Call 1-800-232-0233



Previous automobile rates

Effective Date	Rate per mile
July 1, 2022	\$0.625
January 1, 2022	\$0.585
★ January 1, 2021	\$0.56
January 1, 2020	\$0.575
January 1, 2019	\$0.58
January 1, 2018	\$0.545
January 1, 2017	\$0.535

The following are Previous Automobile Reimbursement Rates when Government-Furnished Autos are Available:

Previous Government-Furnished Auto rates

Effective Date	Rate per mile
July 1, 2022	\$0.22
January 1, 2022	\$0.18
January 1, 2021	\$0.16
January 1, 2020	\$0.17
January 1, 2019	\$0.20
January 1, 2018	\$0.18
January 1, 2017	\$0.17

QUESTIONS:

For all travel policy questions, e-mail travelpolicy@gsa.gov

Last Reviewed: 2022-12-29



AllStar Ecology LLC

2021 Herbicide Estimate

	Application Labor (3 hrs per ac)	2021 Herbicide Cost per gallon (based on 2021 Nutrien Price Quotes)	Proposed Application Rate	Herbicide Cost/Acre
Direct Labor/hour	\$20.00			
Overhead (135%)	\$27.00			
Round up Custom (non selective herbicide)		\$23.00	2 qts/ac	\$11.50
Vastlan (broad leaf selective herbicide)		\$92.00	1.5 qts/ac	\$34.50
Intensity One (grass selective herbicide)		\$88.75	1 qt/ac	\$22.19
				Average Cost/Acre of Herbicide
				\$22.73
10% Markup	\$4.70			\$2.27
TOTALS	\$155.10			\$25.00
Total Cost/Acre for Herbicide in 2021 Proposal				\$180.10

2023 Herbicide Estimate

	Application Labor (3 hrs per ac)	2023 Herbicide Cost per gallon (based on 2023 Nutrien Price Quotes)	Proposed Application Rate	Herbicide Cost/Acre
Direct Labor/hour	20.00			
Overhead (135%)	27.00			
Round up Custom (non selective herbicide)		48.00	2 qts/ac	\$24.00
Vastlan (broad leaf selective herbicide)		102.00	1.5 qts/ac	\$38.25
Intensity One (grass selective herbicide)		95.85	1 qt/ac	\$24.21
				Average Cost/Acre of Herbicide
				\$28.82
10% Markup	4.70			\$2.88
TOTALS	155.10			\$31.70
Total Cost/Acre for Herbicide 2023 Proposal				\$186.80

Note: 4 qts per gallon

AllStar Ecology LLC
 1582 Meadowdale Road, Fairmont, WV 26554
 Phone 304-816-3490/Fax: 866-213-2666
www.allstarecology.com

Nutrien

Solutions

2021 Allstar Ecology Product Price List

2/22/21

1582 Meadowdale Rd., Fairmont, WV 26554

Ryan Ward

(304) 692-7477

PRODUCT	CONTAINER SIZE	UNIT PRICE
Aquasweep (Triclopyr + 2,4-D; aquatic)	2.5 gal	\$52.15/gal
Arsenal (Imazapyr – aquatic also)	ANY SIZE	\$78.00/gal
Attach (surfactant – similar to Nu-Film IR)	2.5 gal	\$45.55/gal
*good for soil applications – where you want product to stay put (reduces leaching & runoff)		
Bark Oil Blue	11.25 gal	\$13.05/gal
*For basal, cut stump applications when Garlon 4 Ultra used alone		
Bark Oil Blue EC	11.25 gal	\$15.10/gal
*For basal, cut stump applications; EC to be used when Milestone or Stalker added with Garlon 4		
Bullseye (spray dye)	2.5 gal	\$47.85/gal
Capstone (Garlon 3A + Milestone)	2.5 gal	\$51.00/gal
Clearcast (Imazamox)	1 gal	\$284.89/gal
*Agency priced – price set by manufacturer		
Element 3A & 4	May have limited stock	TBD
Escort XP	8 or 16 oz	\$7.35/oz
Esplanade 200 SC	1 quart	\$335.36/qt
*Agency priced		
Esplanade EZ (for small bare ground needs)	2.5 gal	\$52.75/gal
Evade 4FL (Prodiamine)	1 gal	\$92.60/gal
*Liquid formulation that prevents seed germination – can be used in landscape beds		
Garlon 3A (Triclopyr – foliar)	2.5 gal & 30's	\$67.00/gal
Garlon 4 Ultra (Triclopyr – basal, cut stump)	2.5 gal & 30's	\$86.50/gal
Garlon XRT (more concentrated than 4 Ultra)	2.5 gal & 30's	\$86.50/gal
Intensity One (Clethodim)	1 gal	\$88.75/gal
JLB Oil Plus	2.5 gal	\$19.85/gal
*Vegetable oil based bark penetrant (basal & cut surface applications)		
Krenite S (Fosamine)	2.5 gal	\$116.75/gal
*May continue to experience availability issues		
LI 700 Leci-Tech	2.5 gal	\$31.00/gal
	1 gal	\$32.00/gal
*Surfactant with Leci-Tech; good with Glyphosate & Triclopyr; has aquatic label		
Liberate	2.5 gal	\$33.00/gal
*Surfactant with most Leci-Tech available; good with Escort/Oust; has aquatic label		
Makaze (Alternate glyphosate)	2.5 gal	\$23.35/gal
*Best 4 lb active glyphosate on market – has Leci-Tech included; not aquatic labeled		
Method 240 SL	2.5 gal	\$322.56/gal
Milestone (Aminopyralid)	1 qt	\$87.50/qt
*Can use around water		
	2.5 gal	\$320.00/gal

PRODUCT	CONTAINER SIZE	UNIT PRICE
MSO Leci-Tech	2.5 gal	\$20.15/gal
*Surfactant with Leci-Tech; recommended for use with Imazapyr; good penetrant; has aquatic label		
Opensight (Milestone + Escort)	1.25 & 10 lb	\$89.80/lb
Oust XP	3 or 12 lb	\$57.60/lb (\$3.60/oz)
Oust Extra (Oust + Escort)	4 or 12 lb	\$57.60/lb (\$3.60/oz)
Pathfinder II (Triclopyr + bark oil)	2.5 gal	\$50.40/gal
*RTU (Ready To Use) – no mixing required; good for small basal application projects		
Phase (MSO + organosilicone)	2.5 gal	\$41.65/gal
*Penetrant with MSO & spreads 20x greater than other surfactants ; works well on phragmites		
Plateau (Imazapic)	1 gal	\$135.00/gal
*Effective on cool season grasses & promotes warm season grass if in seedbank		
Platoon (2, 4-D Amine – has aquatic label)	2.5 gal	\$17.95/gal
Polaris 2# (Alternate imazapyr)	2.5 gal	\$78.00/gal
*Great tank mix partner for hardwood control; best product for sweetgum; has aquatic label		
Polaris AC Complete	1 qt	\$64.80
	2.5 gal	\$152.00/gal
*Has 4 lb active ingredient per gallon (twice as Polaris 2#) – use at half the rate; has aquatic label		
Reign LC (drift control)	12 x 1 qt	\$22.00/qt
Rodeo (Aquatic glyphosate)	2.5 gal	\$22.95/gal
Roundup Custom (has aquatic label)	2.5 gal & 30's	\$23.00/gal
Roundup Pro Concentrate	2.5 gal	\$22.75/gal
Spreader 90 (90/10 non-ionic surfactant)	2.5 gal	\$18.45/gal
Tank & Equipment Cleaner	1 lb	\$9.95/lb
Terra Vue	1.1, 4.4, 10 lb	\$94.00/lb
*New Corteva product (Milestone + Rinskor); still safe for grasses but broader spectrum on weeds		
Transline (Clopyralid)	2.5 gal	\$184.15/gal
Turf Trax Blue HC (spray dye)	1 qt	\$19.75/qt
Unfoamer	12 x 1 qt	\$17.50/qt
Vanquish (Dicamba)	No longer available	
Vastlan	2.5 gal	\$92.00/gal
*Newer formulation of Garlon 3A; more concentrated & improved Signal Word (<i>Warning</i>)		

VA locations:

Colonial Heights (804) 520-0789
Winchester (540) 662-1742

1850 Touchstone Rd. 23834
255-1 Tyson Dr. 22603

Nutrien

Solutions

2023 Allstar Ecology Product Price List

1/31/2023

1582 Meadowdale Rd., Fairmont, WV 26554

Ryan Ward

(304) 692-7477

PRODUCT	CONTAINER SIZE	UNIT PRICE
Aquasweep (Triclopyr + 2,4-D; aquatic)	2.5 gal	\$60.00/gal
Arsenal (Imazapyr – aquatic also)	ANY SIZE	\$79.00/gal
Attach (surfactant – similar to Nu-Film IR)	2.5 gal	\$46.85/gal
*good for soil applications – where you want product to stay put (reduces leaching & runoff)		
Bark Oil Blue	11.25 gal	\$15.85/gal
*For basal, cut stump applications when Garlon 4 Ultra used alone		
Bark Oil Blue EC	11.25 gal	\$17.85/gal
*For basal, cut stump applications; EC to be used when Milestone or Stalker added with Garlon 4		
Bullseye (spray dye)	2.5 gal	\$49.65/gal
Capstone (Garlon 3A + Milestone)	2.5 gal	\$57.80/gal
Clearcast (Imazamox)	1 gal	\$296.43/gal
*Agency priced – price set by manufacturer		
Element 3A & 4	May have limited stock	TBD
Escort XP	8 or 16 oz	\$6.95/oz
Esplanade 200 SC	2.5 gal	\$1,437.44/gal
	1 quart	\$395.54/qt
*Agency priced		
Esplanade EZ (for small bare ground needs)	2.5 gal	Discontinued
Evade 4FL (Prodiamine)	1 gal	\$128.60/gal
*Liquid formulation that prevents seed germination – can be used in landscape beds		
Garlon 3A (Triclopyr – foliar)	2.5 gal & 30's	\$75.00/gal
Garlon 4 Ultra (Triclopyr – basal, cut stump)	2.5 gal & 30's	\$90.00/gal
Garlon XRT (more concentrated than 4 Ultra)	2.5 gal & 30's	\$90.00/gal
Intensity One (Clethodim)	1 gal	\$96.85/gal
JLB Oil Plus	2.5 gal	\$21.65/gal
*Vegetable oil based bark penetrant (basal & cut surface applications)		
Krenite S (Fosamine)	2.5 gal	\$125.75/gal
*May continue to experience availability issues		
LI 700 Leci-Tech	2.5 gal	\$32.00/gal
	1 gal	\$33.00/gal
*Surfactant with Leci-Tech; good with Glyphosate & Triclopyr; has aquatic label		
Liberate	2.5 gal	\$34.00/gal
*Surfactant with most Leci-Tech available; good with Escort/Oust; has aquatic label		
Makaze (Alternate glyphosate)	2.5 gal	\$29.00/gal
*Best 4 lb active glyphosate on market – has Leci-Tech included; not aquatic labeled		
Method 240 SL	2.5 gal	\$343.04/gal
Milestone (Aminopyralid)	1 qt	\$81.50/qt
*Can use around water		
	2.5 gal	\$325.00/gal

PRODUCT	CONTAINER SIZE	UNIT PRICE
MSO Leci-Tech	2.5 gal	\$26.00/gal
*Surfactant with Leci-Tech; recommended for use with Imazapyr; good penetrant; has aquatic label		
Opensight (Milestone + Escort)	1.25 & 10 lb	\$96.75/lb
Oust XP	3 or 12 lb	\$57.60/lb (\$3.60/oz)
Oust Extra (Oust + Escort)	4 or 12 lb	\$57.60/lb (\$3.60/oz)
Pathfinder II (Triclopyr + bark oil)	2.5 gal	\$56.50/gal
*RTU (Ready To Use) – no mixing required; good for small basal application projects		
Pendulum Aquacap	2.5 gal	\$65.00/gal
Phase (MSO + organosilicone)	2.5 gal	\$43.85/gal
*Penetrant with MSO & spreads 20x greater than other surfactants ; works well on phragmites		
Plateau (Imazapic)	1 gal	\$143.00/gal
*Effective on cool season grasses & promotes warm season grass if in seedbank		
Platoon (2, 4-D Amine – has aquatic label)	2.5 gal	\$26.00/gal
Polaris 2# (Alternate imazapyr)	2.5 gal	\$85.00/gal
*Great tank mix partner for hardwood control; best product for sweetgum; has aquatic label		
Polaris AC Complete	1 qt	\$59.40/qt
	2.5 gal	\$158.00/gal
*Has 4 lb active ingredient per gallon (twice as Polaris 2#) – use at half the rate; has aquatic label		
Reign LC (drift control)	12 x 1 qt	\$22.80/qt
Rodeo (Aquatic glyphosate)	2.5 gal	NA/gal
*To be discontinued – will no longer be available once current inventory is depleted		
Roundup Custom (has aquatic label)	2.5 gal & 30's	\$48.00/gal
	265 gal tote	\$46.00/gal
Roundup Pro Concentrate	2.5 gal	\$45.00/gal
Spreader 90 (90/10 non-ionic surfactant)	2.5 gal	\$19.65/gal
Tank & Equipment Cleaner	1 lb	\$9.95/lb
Terra Vue	1.1, 4.4, 10 lb	\$100.00/lb
*New Corteva product (Milestone + Rinskor); still safe for grasses but broader spectrum on weeds		
Transline (Clopyralid)	2.5 gal	\$198.00/gal
Turf Trax Blue HC (spray dye)	1 qt	\$21.05/qt
Unfoamer	12 x 1 qt	\$18.50/qt
Vastlan	2.5 gal	\$102.00/gal
*Newer formulation of Garlon 3A; more concentrated & improved Signal Word (<i>Warning</i>)		

VA locations:

Colonial Heights	(804) 520-0789	1850 Touchstone Rd.	23834
Winchester	(540) 662-1742	255-1 Tyson Dr.	22603