RFP 2024-10

WAKULLA COUNTY BICYCLE TRAIL MOWING AND MAINTENANCE

Required Forms, Documents and Certifications

The following forms must be fully filled out and signed by a person with authority to bind the Proposer.

CHECKLIST OF REQUIRED FORMS, DOCUMENTS AND CERTIFICATIONS:

Please submit the items on the following list and any other items required by any section of this RFP. The checklist is provided as a courtesy and may not be inclusive of all items required within this RFP.

Form No. 1	Proposal Transmittal Form
Form No. 2	Qualifications Application and Questionnaire
Form No. 3	References
Form No. 4	Indemnification and Hold Harmless Statement
Form No. 5	Public Entity Crimes Sworn Statement
Form No. 6	Equal Employment Opportunity/Affirmative Action Statement
Form No. 7	Drug Free Workplace Certification
Form No. 8	Conflicts of Interest Disclosure
Form No. 9	Non-Collusion Affidavit
Form No. 10	Ethics Clause & Certification Regarding Lobbying for Contracts, Grants,
	Loans, and Cooperative Agreements
Form No. 11	List of Proposed Sub-Contractors
Form No. 12	Certification Regarding Debarment, Suspension, and Other Responsibility
	Matters -Primary Covered Transactions
Form No. 13	E-Verify Certification
Form No. 14	Insurance Certification
Form No. 15	Comments on Proposed Contract
Form No. 16	Cost Proposal

FORM 1 PROPOSAL TRANSMITTAL FORM (TO BE ON PROPOSER'S LETTERHEAD)

The Board of County Commissioners, Wakulla County, reserves the right to accept or reject any and/or all proposals in the best interest of Wakulla County.

Quincee Messersmith, Chair

This proposal is submitted by the below named firm/individual by the undersigned authorized representative.

		(Firm Name)
	BY	
		(Authorized Representative)
		(Printed or Typed Name)
	ADDRESS	
	TELEPHONE	
	FAX	
EID #		

 ADDENDA ACKNOWLEDGMENTS: (IF APPLICABLE)

 Addendum #1 dated
 Initials

 Addendum #2 dated
 Initials

 Addendum #3 dated
 Initials

 Addendum #4 dated
 Initials

 Addendum #5 dated
 Initials

 Addendum #6 dated
 Initials

Attach a copy of the webpage(s) from http://www.sunbiz.org here

FORM 2

QUALIFICATION APPLICATION AND QUESTIONNAIRE

All qualification packages must be submitted with the proposal to be considered for qualification. No exceptions.

PURPOSE: To provide Wakulla County with reasonable assurance that the prospective proposer has the financial assets, resources, work force, and work experience to successfully complete the agreement with the County.

COMPANY NAME:	
BUSINESS ADDRESS:	
CITY – STATE – ZIP	
PHONE NUMBER:	
EMAIL:	

The undersigned warrants the truth and accuracy of all statements and answers herein contained. Include additional sheets if necessary.

- 1. What is the firm's current Florida General Business Number (if applicable)?
- 2. How many years has your organization been in business? Please provide proof.
- 3. Please list the equipment to be utilized to complete the scope of work as noted in the Intent and General document. Please add pages in order to clearly demonstrate the equipment available to execute this work.

Mowers			

Edgers _____

Blowers _____

4. Please provide a list of any certifications or licenses held by your company that is applicable to this project.

5.	Please	provide th	e number	of emp	lovees	who	will be	dedicate	ed to	this	proie	ect.
0.	1 10000	provide in		or omp				avaivaiv		UIIID	Proje	

6. Describe and give contact information of current projects that you have underway.

7. Do you have a project(s) underway which might interfere with the start of this Work and completion on schedule?

8. Please list at least two (2) projects in the past 5 years and provide a brief description of what you have completed similar in type, size, and nature as the one proposed. Note: Projects may be larger than this project.

Name of Project:		
Owner:	Telephone No.:	
Address:		
		Contract Value:
Team Members:		
Description of Project:		
Name of Project:		
Owner:	Telephone No.:	
Address:		
Date Started:	Date Completed:	Contract Value:

c. List the	Name of Project:	ect:	
List the			
List the			
List the		Telephone No.:	
List the	Address:		
List the	Date Started:	Date Completed:	Contract Value:
List the	Team Members:		
List the			
Have y			
Have y			
	you ever failed to com	nplete work awarded to you?	? If so, where and why?
List all			

7. discussions, or disputes involving your company for the past (3) years and outcome. Fully describe the circumstances (use additional sheets if necessary).

State the true and exact, correct, and complete name under which you do business. 8.

BIDDER IS:

SOLE PROPRIETORSHIP

	(SEAL)
(Individuals Signature)	
(Individuals Name)	
Florida Business License No. and Expiration Date	
Business Address:	
Phone No.:	
<u>A PARTNERSHIP</u>	
	(SEAL)
(Partnership Name)	
(General Partner's Signature)	
(General Partner's Name)	
Florida Business License No. and Expiration Date	
Business Address:	
Phone No.:	

THE REMAINDER OF THIS PAGE LEFT INTENTIONALLY BLANK

A CORPORATION

Treasurer, Partner, etc.)

	(SEAL)
(Corporation Name)	
(State of Incorporation)	
By	(Name of person authorized to sign)
(Title)	
(Authorized Signature)	
Florida Business License Number and Expiration Date (Corporate Seal)	
Attest	
(Secretary)	
Business address:	
Phone No.:	
9. LIST ALL PRINCIPALS OF ORGANIZATION:	(President, Vice-President, Secretary-

Signature and Title of Person Submitting Application

Date

STATE OF				
COUNTY OF				
The foregoing instr	ument was acknowledge	ed before me this	day of	, 20, by
	. as	of		on
(Name)	(Title)		(Company)	
as identification.	e of Notary)	Notary Publ	ic, State of	
Name:(Legibly Printe			(AFFIX OFFICI	AL SEAL)
Commission No.: _		My Commiss	ion Expires:	

THE REMAINDER OF THIS PAGE LEFT INTENTIONALLY BLANK

FORM 3 REFERENCE FORM

Proposer Name:

Proposers are required to submit with their Proposals three (3) letters of reference, with which they have provided similar services as requested in this solicitation. Vendors shall use this attachment to provide the required reference information. The Board of County Commissioner/COUNTY reserves the right to contact all references during this RFP and make a responsibility determination, not subject to review or challenge.

FORMER CLIENTS and Project Description		
Company Name:		
Address:		
Contact Name:		
Alternate Contact Name:		
Phone:		
Email:		
Description of Work:		
Service Dates:		

Company Name:	
Address:	
Contact Name:	
Alternate Contact Name:	
Phone:	
Email:	
Description of Work:	
Service Dates:	

Company Name:	
Address:	
Contact Name:	
Alternate Contact Name:	
Phone:	
Email:	
Description of Work:	
Service Dates:	

Authorized Signature:

Name: ______

Title:

FORM 4 INDEMNIFICATION AND HOLD HARMLESS

To the fullest extent permitted by law, Contractor shall indemnify and hold harmless COUNTY, its offices and employees from liabilities, damages, losses, and costs including but not limited to reasonable attorney fees, to the extent caused by the negligence, recklessness, or intentional wrongful conduct of the CONTRACTOR and other persons employed or utilized by the CONTRACTOR in the performance of this CONTRACT.

Signed:	
Name:	
Title:	
Firm:	
Address:	

FORM 5 SWORN STATEMENT UNDER SECTION 287.133(3)(a), FLORIDA STATUTES, ON PUBLIC ENTITY CRIMES

THIS FORM MUST BE SIGNED AND SWORN TO IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICIAL AUTHORIZED TO ADMINISTER OATHS.

1. This sworn statement is submitted to Wakulla County Board of County Commissioners

By:

[print individual's name and title]

for ____

[print name of entity submitting sworn statement]

whose business address is:

and (if applicable) its Federal Employer Identification Number (FEIN) is .

(If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement).

- 2. I understand that a "public entity crime" as defined in Paragraph 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or of the United States, including, but not limited to, any bid or contract for goods or services to be provided to any public entity or an agency or political subdivision of any other state and involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
- 3. I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, non-jury trial, or entry of a plea of guilty or nolo contendere.
- 4. I understand that an "affiliate" as defined in Paragraph 287.133(1)(a), Florida Statutes, means:
 - a. A predecessor or successor of a person convicted of a public entity crime: or
 - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
- 5. I understand that a "person" as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts for the provision of goods or services let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.

- 6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. [Indicate which statement applies.]
 - Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.
 - The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.
 - The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However there has been a subsequent proceeding before a hearing a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted contractor list. [Attach a copy of the final order.]

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND, THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THE PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017, FLORIDA STATUTES FOR CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

(Si	gnature)		
Sworn to and subscribed befor	e me this day	of	, 2023.
Personally known	OR Produced id	entification	(Type of identification)
			NOTARY PUBLIC
Notary Public - State of My commission expires:			
wy commission expires.		Printed, ty public	pped, or stamped commissioned name of notary

FORM 6 EQUAL OPPORTUNITY/AFFIRMATIVE ACTION STATEMENT

- 1. The contractors and all subcontractors hereby agree to a commitment to the principles and practices of equal opportunity in employment and to comply with the letter and spirit of federal, state, and local laws and regulations prohibiting discrimination based on race, color, religion, national region, sex, age, handicap, marital status, and political affiliation or belief.
- 2. The contractor agrees to comply with Executive Order 11246, as amended, and to comply with specific affirmative action obligations contained therein.

Signed:	
Name:	
Title:	
Firm:	
Address:	

FORM 7 DRUG FREE WORKPLACE CERTIFICATION

Preference shall be given to businesses with drug-free workplace programs. Whenever two or more response which are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a response received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie responses will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

- Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, 1) possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.
- 2) Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees from drug abuse violations.
- Give each employee engaged in providing the commodities or contractual services that are under 3) this solicitation a copy of the statement specified in subsection (1) above.
- 4) In the statement specified in subsection (1), notify the employees that, as a condition of working on the commodities or contractual services that are under this solicitation, the employee will abide by the terms of the statement and will notify the employee of any conviction of, or plea of guilty or nolo contendere to, any violation of Chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the work place no later than five (5) days after such conviction.
- Impose a sanction, on, or require the satisfactory participation in a drug abuse assistance or 5) rehabilitation program if such is available in the employee's community, by any employee who is so convicted.
- 6) Make a good faith effort to continue to maintain a drug-free workplace through implementation of this section.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

VENDOR TITLE

AUTHORIZED SIGNATURE DATE

FORM 8 CONFLICT OF INTEREST DISCLOSURE

The award hereunder is subject to the provisions of Chapter 112, Florida Statutes. Respondents must disclose with their proposals whether any officer, director, employee or agent is also an officer or an employee of the Wakulla County Board of County Commissioners. All firms must disclose the name of any county officer or employee who owns, directly or indirectly, an interest of five percent (5%) or more in the Respondent's firm or any of its branches or affiliates. All Respondents must also disclose the name of any employee, agent, lobbyist, previous employee of the Board, or other person, who has received or will receive compensation of any kind, or who has registered or is required to register under Section 112.3215, Florida Statutes, in seeking to influence the actions of the Board in Connection with this procurement.

Names of Officer, Director, Employee or Agent that is also an Officer or Employee of Wakulla County:

Name of an State Officer or Employee that owns 5% or more in Respondent's firm:

Name

Company

Date

FORM 9 **NON-COLLUSION AFFIDAVIT**

The undersigned being first duly sworn as provided by law, deposes, and says:

- 1. This Affidavit is made with the knowledge and intent that it is to be filed with the Board of County Commissioners, Wakulla County, Florida and that it will be relied upon by said County, in any consideration which may give to and any action it may take with respect to this Proposal.
- 2. The undersigned is authorized to make this Affidavit on behalf of,

(Name of Corporation, Partnership, Individual, etc.)

a, ______ formed under the laws of ______

(State or Province)

of which he is .

(Sole partner, president, etc.)

- 3. Neither the undersigned nor any other person, firm or corporation named in above Paragraph 2, nor anyone else to the knowledge of the undersigned, have themselves solicited or employed anyone else to solicit favorable action for this Proposal by the County, also that no head of any department or employee therein, or any officer of Wakulla County, Florida is directly interested therein.
- 4. This Proposal is genuine and not collusive or a sham; the person, firm or corporation named above in Paragraph 2 has not colluded, conspired, connived or agreed directly or indirectly with any bidder or person, firm or corporation, to put in a sham Proposal, or that such other person, firm or corporation, shall refrain from bidding, and has not in any manner, directly or indirectly, sought by agreement or collusion, or communication or conference with any person, firm or corporation, to fix the prices of said proposal or proposals of any other bidder; and all statements contained in the proposal or proposals described above are true; and further, neither the undersigned, nor the person, firm or corporation named above in Paragraph 3, has directly or indirectly submitted said proposal or the contents thereof, or divulged information or data relative thereto, to any association or to any member or agent thereof.

AFFIANT'S NAME	AFFIANT'S TITLE
TAKEN, SWORN AND SUBSCRIBED TO BEFORE ME this	_ day of 2023.
Personally Known or Produced Identification	
Type of Identification	
	Notary Public

Notary Public

(Print, Type or Stamp Commissioned Name of Notary Public)

FORM 10 ETHICS CLAUSE

The undersigned certifies, to the best of his or her knowledge and belief, that:

No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a member of congress, an officer or employee of congress, or an employee of a member of congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.

If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a member of congress, an officer or employee of congress, or an employee of a member of congress in connection with this federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

The undersigned shall require that the language of this certification be included in the award documents for all sub-awards at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-recipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, Title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

Signature	Date
Name of Authorized Individual	Name of Company/Organization
	Address of Company/Organization
	Address of Company/Organization

FORM 11

LIST OF PROPOSED CONTRACTORS AND SERVICES TO BE PERFORMED

Subcontract 1 Name:
City/State/Zip
Services to Perform and Percentage:
Subcontract 2 Name:
City/State/Zip
Services to Perform and Percentage:
Subcontract 3 Name:
City/State/Zip
Services to Perform and Percentage:
Subcontract 4 Name:
City/State/Zip
Services to Perform and Percentage:
Subcontract 5 Name:
City/State/Zip
Services to Perform and Percentage:
Subcontract 6 Name:
City/State/Zip
Спующиллр
Services to Perform and Percentage:

FORM 12

CERTIFICATION REGARDING DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS, PRIMARY COVERED TRANSACTIONS

- 1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - b) Have not within a three-year period preceding this been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statues or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of these offenses enumerated in paragraph (1)(b) of this certification; and
 - d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- 2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.
- 3) No subcontract will be issued for this project to any party which is debarred or suspended from eligibility to receive federally funded contracts.

Signature			
Title	 		
Contractor/Firm	 	 	

Address

FORM 13 E-VERIFY COMPLIANCE CERTIFICATION

In accordance with the Governor of Florida's Executive Order 11-116, the Proposer hereby certifies that the U.S. Department of Homeland Security's E-Verify system will be used to verify the employment eligibility of all new employees hired by the Contractor during the Contract term, and shall expressly require any subcontractors performing work or providing services pursuant to the Contract to likewise utilize the U.S. Department of Homeland Security's E-Verify the employment eligibility of all new employees hired by the subcontractor during the Contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the Contract term; and shall provide documentation of such verification to the COUNTY upon request.

As the person authorized to sign this state, I certify that this firm complies/will comply fully with this RFP regarding e-Verify Compliance.

SIGNATURE:	
NAME:	
TITLE:	

DATE:

22

FORM 14

REQUIRED INSURANCE POLICY ENDORSEMENTS AND DOCUMENTATION

Certificate of Insurance will be provided evidencing placement of each insurance policy responding to requirements of the contract.

Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the County. At the option of the County, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the County, its officers, officials, employees and volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

Endorsements to insurance policies will be provided as follows:

Additional insured (Wakulla County, Florida, its Officers, employees, and volunteers) General Liability & Automobile Liability

Primary and not contributing coverage-General Liability & Automobile Liability

Waiver of Subrogation (Wakulla County, Florida, its officers, employees, and volunteers)-

General Liability, Automobile Liability, Workers' Compensation and Employer's Liability

Thirty days advance written notice of cancellation to County - General Liability, Automobile Liability, Worker's Compensation & Employer's Liability.

Professional Liability Policy Declaration sheet as well as claims procedures for each applicable policy to be provided.

Please mark the appropriate box:

Coverage is in place Coverage will be placed, without exception

The undersigned declares under penalty of perjury that all the above insurer information is true and correct.

Name	

Date _____

Signature

Typed or Printed

Title

(Company Risk Manager or Manager with Risk Authority)

FORM 15 COMMENTS ON PROPOSED CONTRACT

*Any comments that are included on this form regarding the contract documents will be forwarded to the legal department for review. The County's acceptance of comments does <u>not</u> guarantee any revision to the contract documents. Comments not included on this form WILL NOT be considered. Please indicate NONE or NA if there are no comments on the proposed contract documents.

Comments on Proposed Contract
Contract Provision at Issue
Objection by Bidder
Suggested Resolution

FORM 16
COST PROPOSAL

Work	Price / Mile	# of Miles	Frequency	Total Cost*
Site 1 US 98 Bike Trail				
Mowing, weed eating and blowing of the trail - March through November**		21.3	20	
Blowing, cleaning and general maintenance - December through February***		21.3	6	
Work	Price / Mile	# of Miles	Frequency	Total Cost*
Site 2 Ochlocknee Bay Bike Trail				
Mowing, weed eating and blowing of the trail - March through November**		12.5	20	
Blowing, cleaning and general maintenance - December through February***		12.5	6	
Work	Price / Bed	# of Beds	Frequency	Total Cost*
Site 1 US 98 Flower Bed Maintenance				
Clipping shrubs, debris removal, and pine straw application****		31	4	
Total Bid Price				

* The total cost is the contractor's price per mile X the # of miles OR # of beds X the frequency. Please do not change the # of miles or the frequency.

** The bike trails are to be mowed, string trimmed with weed eaters, and blown off on a biweekly basis beginning in March through the end of November each year. Along with those tasks the bike trails (asphalt) must be edged once in March and again in August. Edging around all hardened surfaces concrete, either natural or constructed shall be performed monthly. An approved herbicide should be used to kill weeds growing in the trail and/or aprons.

*** The bike trails are to be blown, clean and any general maintenance performed beginning in December through February. No mowing is to be done during this time. There are two required visits per month.

**** The flower beds along US-98 bike trail will require quarterly flower bed maintenance to include clipping shrubs as needed and the debris removal associated with this task, weed removal by hand or chemical application, and quarterly pine straw installation at the beds