

***Horizon II
Request for Proposal
May 09, 2024***



Introduction

Document Purpose

The purpose of this Request for Proposal (RFP) is to solicit vendor information, qualifications, approach, and cost for Roeslein Alternative Energy to evaluate potential vendors to become partners for the Horizon II Partnerships for Climate Smart Commodities Grant.

This document includes a profile of the business need, scope, and response guidelines.

Document Intent and Disclaimer

This RFP is made with the intent to identify a firm (the “Contractor”) to deliver results as described in the subsequent sections. RAE will rely on the contractor’s representations to be truthful and as described.

This RFP is not an offer to contract. RAE assumes no responsibility for Vendors’ cost to respond to this RFP. RAE has no obligation to buy or issue solicitation to any contractor because of this RFP. All responses become the property of RAE.

If RAE amends the RFP, copies of such amendments will be sent to all firms selected for this RFP.

RAE Overview

Roeslein Alternative Energy (RAE) was founded in 2012 as an operator and developer of renewable energy production facilities that convert agricultural and industrial wastes, along with renewable biomass feedstocks, into renewable natural gas and sustainable co-products.

RAE engages in these business operations with a focus on sustainability and environmental improvement. Rudi Roeslein’s vision is to restore 30 million acres of grasslands on marginal lands throughout the Midwest in 30 years. Beyond that, we hope to use this as a model to restore hundreds of millions of acres of grasslands around the globe.



A rapidly growing population is causing an incredible amount of stress on our landscapes. At Roeslein Alternative Energy, we have a market-based solution to the competing demands of the need for both sustainable agriculture and renewable energy.

When land not naturally suited for agriculture is used to raise corn or soybeans; erosion, soil degradation, and water problems emerge. Ironically, the quest for additional energy often finds prime agricultural acres raising crops for fuel, rather than food. But, there is an alternative that restores balance. It creates a new sustainable energy industry, manages livestock and land resources, while delivering healthier soil, cleaner water, and healthier wildlife habitat.

The solution is anaerobic digestion, which naturally breaks down organic matter in an oxygen-free environment. A byproduct is methane-rich biogas which can be converted to renewable natural gas. The remaining solids can be used as natural fertilizer and the water for irrigation.

Roeslein Alternative Energy works to preserve our lands for the future and to show individual landowners and society as a whole we can collaboratively discover and implement alternative agriculture and energy solutions.

Project Context

A partnership of 13 public and private entities led by [Roeslein Alternative Energy](#) (RAE) finalized an \$80 million grant from the federal government's first pool of funds from the U.S.D.A's [Partnerships for Climate-Smart Commodities](#) program. The funding will be used in a five-year pilot project in Iowa and Missouri called 'Horizon II' to demonstrate a "Climate-Smart Future for Corn, Soybean, Livestock, and Renewable Natural Gas Production."

The Horizon II project will enhance climate-smart markets, reduce greenhouse gas emissions, and improve carbon sequestration in the production of corn, soybean, pork, and beef commodities. Horizon II will also create new opportunities for small and underserved producers while benefiting soil health, clean water, flood control, and habitats for native wildlife.



RAE seeks a partner who also has the experience collecting field data necessary, quantifying and providing environmental outcome compensation, sampling, and field verification.

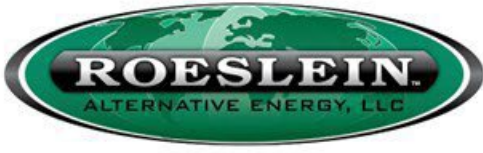
Scope of Services

Contractor Seed Requirements

The contractor will provide quote and seed according to following standards:

- Quote for the following seed mix.
- Seed must be northern Missouri or southern Iowa ecotype seed.
- Seed will be planted in dormancy (winter of 2024-2025)
- Seed germination tests must be up to date (Mar 1, 2024) according to AOSA procedures
- Seed tests must be free of noxious weeds.

Name	Scientific Name	Quantity (PLS lbs)	Price / PLS lbs	Total Cost
Culvers Root	<i>Veronicastrum virginicum</i>	0.5		-
Golden Alexanders	<i>Zizia aurea</i>	25		-
Tickseed Sunflower	<i>Bidens arustosa</i>	76		-
Rigid Goldenrod	<i>Solidago rigida</i>	435		-
Goats Rue	<i>Tephrosia virginiana</i>	15		-
Wood Betony	<i>Pedicularis canadensis</i>	16		-
Wild White Indigo	<i>Baptisia alba</i>	35		-
Sweet Joe Pye Weed	<i>Eupatorium purpureum</i>	2		-
Slender Mountain Mint	<i>Pycnanthemum tenuifolium</i>	6		-
Sensitive Plant	<i>Mimosa nuttallii</i>	15		-
Yellow Wingstem	<i>Verbesina helianthoides</i>	5		-
Rattlesnake Master	<i>Eryngium yuccifolium</i>	560		-
Sneezeweed	<i>Helenium autumnale</i>	6		-
Bunch Flower	<i>Melanthium virginicum</i>	20		-
Swamp Milkweed	<i>Asclepias incarnata</i>	45		-
Common Milkweed	<i>Asclepias syriaca</i>	150		-
Tall Green Milkweed	<i>Asclepias hirtella</i>	3		-
Compassplant	<i>Silphium laciniatum</i>	1000		-
Cup Plant	<i>Silphium perfoliatum</i>	15		-
Prairie Dock	<i>Silphium terebinthinaceum</i>	75		-
Side Oats Grama	<i>Bouteloua certipendula</i>	75		-
Big Bluestem	<i>Andropogon gerardii</i>	160		-
Showy Goldenrod	<i>Solidago speciosa</i>	100		-
			TOTAL COST	-



Decision Criteria

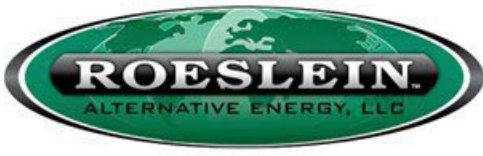
RAE will evaluate proposals across these dimensions:

- Adherence to RFP instructions
- Company Information, team & experience
 - Contractor reputation
 - Contractor capability and capacity
 - Specific experience related to scope
- Project understanding
- Approach and deliverables
- Timeline for implementation
- Cost

Response Guidelines and Instructions

Proposal and Information Requested

RAE request proposals include the table above be sent separately via email in a word, excel or equivalent document.



Timeline

The evaluation and selection process will adhere as closely as possible to the following schedule.

RAE may modify this schedule at its sole discretion:

Response Delivery and Contact

Please deliver an electronic copy of your RFP response by email no later than the date shown in the table

Connor Woods | Grant Conservation Coordinator

Roeslein Alternative Energy | cwoods@roesleinae.com

Additional materials such as case studies, brochures, or other collateral referenced in your proposal can be emailed to the same contact. RAE will not accept printed materials.

EVENT	TIMEFRAME
Request for Proposal sent to vendors	May 09, 2024
Time period for vendor questions regarding RFP	May 09 – May 23, 2024
Vendors submit RFP responses	12pm CT on May 23, 2024
RAE evaluates proposals and seeks responses to follow up questions	May 23 – May 26, 2024
Vendor selected	4pm CT on May 27, 2024
Vendor onboarded and work begins	May 27, 2024*

*Tentative date. Subject to change.