

**2014 EASTSIDE ROAD PASTURES
ADDITIONAL REMEDIAL REVEGETATION PROJECT**

SPECIAL PROVISIONS

Project Description

The purpose of the Eastside Road Pastures Additional Revegetation Project is to amend soils that have low pH and high metals so these soils can support long-term establishment of perennial vegetation. These soils do not currently support adequate plant growth.

The Work includes transporting and mixing-in lime, transporting and mixing-in cover soil, mixing-in compost that will be on site (DEQ provided), careful planting of a seed mix, and stabilizing the seeded soils. While the ability to haul materials and till soil is important, the Project Special Provisions emphasize the need to thoroughly mix soil amendments into the soil to form a consistent, hospitable seedbed and plant-friendly rooting zone. The seed mix includes a diverse mix of grasses, forbs, sub-shrubs and shrubs requiring different placement depths, so specialized seeding equipment is necessary to make sure seeds are planted to appropriate depths. Once seeded, these amended soils need to be stabilized through a combination of straw crimping and hydromulch.

Contractor shall also control the spread of weeds and dust while performing this Contract by providing weed control, and providing and applying water as necessary (and at locations requested by DEQ's Revegetation Consultant) in accordance with the Drawings, Special Provisions and Technical Specifications.

Drawings

Contractor shall comply with the Drawings which add description to this Project.

- Sheet 1 – Cover Sheet
- Sheet 2 – Project Overview & Land Ownership
- Sheet 3 – Soil Amendment Locations
- Sheet 4 – Seedbed Prep & Seeding Locations
- Sheet 5 – Soil Amendment Details
- Sheet 6 – Transportation Plan

Technical Specifications

- 101 Abbreviations
- 140 Contactor Quality Control
- 203 Providing and/or stockpiling backfill materials
- 206 Haul
- 501 Mobilization
- 540 Provide Water

550 Traffic Control

Project Related Contacts

DEQ:

Montana Department of Environmental Quality
P.O. Box 200901
Helena, Montana 59620-0901
Phone: (406) 841-5043, Fax (406) 841-5050
Cell: 406-461-3070
Contact: Mr. Brian Bartkowiak

DEQ's Revegetation Consultant:

Geum Environmental Consulting, Inc
P.O. Box 1956
Hamilton, Montana 59840
Phone: (406) 363-2353, Fax (406) 363-3015
Contact: Mr. Tom Parker

Bid Item No. 1: Mobilization, Demobilization, Bonding and Insurance

Applicable Technical Specifications

- 101 Abbreviations
- 140 Contactor Quality Control
- 203 Providing and/or stockpiling backfill materials
- 206 Haul
- 501 Mobilization
- 540 Provide Water
- 550 Traffic Control

Applicable Drawings

- Sheet 01 Cover
- Sheet 02 Project Overview & Land Ownership

Work Description

This Bid Item includes all the work necessary for the movement of personnel, equipment, supplies, and incidentals to and from the Project Area. Contractor shall prepare and move all equipment for establishing and decommissioning the staging area(s) and; preparing a decontamination zone utilized for washing all equipment and vehicles; and site security. At the end of the Work, Contractor shall remove all buildings, garbage, equipment, leftover materials, and incidentals from the Project Area; and clean up all areas where Contractor performed the Work.

Contractor shall provide insurance coverages and in the amounts as specified in the Contract. Contractor shall furnish Performance and Payment Bonds, each in an amount at least equal to the Contract Price as security for the faithful performance and payment of all Contractor's obligations under this Contract. Contractor's cost for administration, insurance and bonding shall be included in this Bid Item, and no separate payment will be made. Mobilization and demobilization costs for subcontracted work shall be

included in this Bid Item. Contractor shall include the cost for all materials, labor, equipment and incidentals necessary to complete the Work as specified, and no separate payment will be made.

Contractor shall prepare, implement, maintain, and conduct all provisions for Weed Control and Transportation, discussed below.

(1) Weed Control: Contractor shall implement weed control measures during all of Contractor's operations at the Project Area to prevent the spread of noxious weeds. All costs necessary to follow the specified weed prevention measures shall be included in this Bid Item, and no separate payment will be made. Contractor shall implement the approved Weed Control Plan, which shall include, at a minimum, the following weed control measures:

- Establish a weed decontamination area at each entrance to the Project Area;
- Decontaminate all equipment to prevent the spread of noxious weeds by cleaning with high-pressure water before moving equipment into the Project Area;
- Decontaminate each piece of equipment each time before it enters the Project Area if it has been used at places other than the Project Area (since it was last decontaminated);
- Clean all wheels, tracks, undercarriages, fenders, blades, buckets, and the exterior body of all vehicles prior to entering the Project Area;
- Decontaminate all equipment when moving equipment within the Project Area if the equipment has been used in an area with noxious weeds (for example, if a tractor is used for seed bed prep in an area with noxious weeds, decontaminate the tractor before using it somewhere else in the Project Area). Notify DEQ's Revegetation Consultant when performing decontamination;
- DEQ's Revegetation Consultant will mark areas within and adjacent to the Project Area with large weed populations and Contractor shall restrict vehicle travel through these areas, including walking traffic, all-terrain vehicles, and light duty vehicles, and shall decontaminate equipment used in these areas as described above;
- Provide a parking area for Contractor, employees and suppliers, DEQ, DEQ's Revegetation Consultant, employees and other persons in an area free from noxious weeds; and,
- Provide training for all employees about weed-control methods and procedures specified herein.

(2) Transportation Plan Contractor shall prepare a Transportation Plan prior to starting construction. The Transportation Plan shall be a comprehensive document addressing all transportation issues for the Project Area. Contractor shall implement the approved Transportation Plan, which shall include, at a minimum, the following information:

- Map and descriptions of the anticipated haul routes (primary and temporary haul)
- Description of the anticipated haul equipment.
- Description of rights-of-way for all traffic, including haul roads and public roads, loaded trucks, empty trucks, service vehicles, etc.
- Traffic control measures for all public road crossings, rail crossings and Project Area access points, including use of flaggers and signage.
- Other temporary traffic control measures as needed.
- Traffic control measures throughout the Project Area and other areas as needed to move equipment, materials, and supplies to and from the Project Area.

- Erosion control measures.
- Designated entrances to the Project Area and location of weed decontamination stations.
- A road maintenance plan, including public roads and private entrances, where applicable.
- A road dust control plan, where applicable.
- Road obliteration plans for temporary haul roads, where applicable.

Contractor shall submit the draft Transportation Plan to DEQ for review and approval. The Project Area is located near private property and public roads. Contractor shall seek stakeholder input in the development of the draft Transportation Plan from stakeholders affected by Contractor's implementation of the Work: Montana Department of Transportation, BNSF, Anaconda-Deer Lodge County and Powell County. Protection of public safety is paramount. Contractor shall include all necessary traffic control measures needed to complete the Work. All Contractor's costs necessary for traffic control measures, are described in this Bid Item, and no separate payment will be made. All costs necessary to prepare, submit, revise, obtain approval of, and follow the Transportation Plan shall be included in this Bid Item and no separate payment will be made.

Work for Bid Item No. 1 includes, at a minimum:

- Mobilize to and demobilize from the Project Area;
- Implement on-site weed control measures;
- Implement erosion control measures;
- Protect and maintain public and private roads;
- Clean equipment prior to transport to and from the Project Area to prevent importation of noxious weeds;
- Install, maintain, operate, and decommission access, staging, and decontamination areas;
- Properly dispose of liquid and solid wastes from the Project Area;
- Provide, maintain, and remove sanitation facilities;
- Provide, maintain, and remove trash receptacles;
- Dispose all trash, garbage, and other waste materials generated by Contractor;
- Repair all property damage caused by Contractor;
- Coordinate with other work items as necessary;
- Perform site cleanup; and
- Provide all labor, tools, equipment, materials, and incidentals necessary to complete the Work as specified.

Construction Requirements

Contractor shall comply with the terms of the approved plans (Weed Control and Transportation) through Project Area cleanup and demobilization.

Measurement

No measurement for Bid Item No. 1: Mobilization, Demobilization, Bonding and Insurance will be made.

Payment

Payment for Bid Item No. 1: Mobilization, Demobilization, Bonding and Insurance will be based on the lump sum price bid as shown on the Bid Form. Fifty percent (50%) payment for this Bid Item will be allowed once Contractor submits Bonds, Certificates of Insurance, fully mobilizes to the Project Area, and obtains DEQ approval on all submittals required before starting construction. Full payment for this Bid Item will be made after Contractor completes the Work, performs final cleanup, and fully demobilizes personnel, equipment and materials from the Project Area. **THE LUMP SUM BID PRICE FOR THIS BID ITEM MUST NOT EXCEED TEN PERCENT (10%) OF THE TOTAL BID PRICE.**

Bid Item No 2: Lime Hauling and Handling

Applicable Technical Specifications

203 Providing and/or stockpiling backfill materials
203 Haul
550 Traffic Control

Applicable Drawings

Sheet 02 Project Overview & Landownership
Sheet 03 Soil Amendment Locations
Sheet 06 Transportation Plan

Work Description

This Bid Item includes all work necessary to acquire and store sugar beet lime from the Western Sugar Cooperative for application on the Eastside Road Pastures Additional Remedial Revegetation Project Area. Sugar beet lime is also known as precipitated calcium carbonate (PCC) or lime. Contractor shall transport the lime to the Project Area from the Western Sugar Cooperative in Billings, Montana, 3020 State Avenue, 59101, (406) 245-6393. The Western Sugar facility is accessible by road and rail. The facility is located approximately nine city blocks from the primary Montana Rail Link (MRL) rail line. There is an existing rail spur from the MRL line to the Western Sugar facility.

Contractor shall supply equipment and load sugar beet lime into haul trucks at the Western Sugar facility, transport the lime to the Eastside Road Pastures Additional Remedial Revegetation Project Area (see the Drawings, Sheet 06, Transportation Plan) unload the lime at the designated area. Contractor shall stockpile and maintain the lime including covering the lime and keeping it moist to prevent the lime from becoming airborne. For this reason, Contractor shall closely coordinate lime transport and delivery schedules with Contractor's construction schedule so only necessary amounts of lime are in the Project Area at one time. So as not to delay the Work, Contractor is responsible for coordinating the timing of lime pickups with the Western Sugar Cooperative. A potential haul route from I-90 to the Project Area is shown in drawings (Sheet 06 Transportation Plan).

Safety

Contractor must ensure and enforce safe working conditions and compliance with all safety-related rules and regulations for the benefit of its own employees, the employees of its subcontractors, and the public in performing the Work.

Contractor shall ensure that all workers transporting or handling lime attend a safety briefing provided by the Western Sugar Cooperative. Safe handling should be practiced when working with lime. Avoid skin and eye contact as irritation will occur. Do not wear contact lenses when working with lime. Inhalation can cause coughing, sneezing, or breathing problems. Clothing contaminated or infused with lime which contacts wet skin could cause irritation and/or burning. Wear clean, dry gloves, full length pants over boots, long sleeved shirt buttoned at the neck, head protection, and approved eye protection (goggles) selected for working conditions. In cases of insufficient ventilation, use appropriate respiratory protection.

Provide all labor, tools, equipment, materials, and incidentals necessary to complete the Work as specified.

Measurement

Measurement for Bid Item No. 2: Lime Hauling and Handling, will be by the actual number of tons of lime loaded, transported to and unloaded at the Project Area as specified, as measured by DEQ's Revegetation Consultant, based upon truck count (converting tons to cubic yards by count of truck loads using average moisture content and density information provided by supplier). Excess material shall be removed from the Project Area at Contractor's expense.

Payment

Payment for Bid Item No. 2: Lime Hauling and Handling, will be based on the unit price bid per ton as shown in the Bid Form of the Contract Documents.

Bid Item No. 3: Apply Lime

Applicable Technical Specifications

140 Contractor Quality Control
540 Provide Water

Applicable Drawings

Sheet 03 Soil Amendment Locations
Sheet 05 Soil Amendment Details

Work Description

This Bid Item includes all work necessary to apply sugar beet lime to soils in the Eastside Road Pastures Additional Remedial Revegetation Project Area. Contractor shall apply lime at locations shown on the Drawings (approximately 90 acres). The Work includes incorporating lime into the soil to a depth of ten (10) inches as shown in the Drawings. Lime application locations and rates may change based on lime content. Contractor shall apply lime at a rate of fifteen (15) tons per acre or at a lesser or greater rate if specified by DEQ's Revegetation Consultant.

Contractor shall apply lime at a rate of 15 tons/acre or as specified by DEQ's Revegetation Consultant depending on water and calcium carbonate content of the lime. Lime spreading shall be accomplished using a piece of equipment amenable to calibration such that uniform spreading results (bulk spreader or other approved equal). The 15 ton application rate (30,000 lbs per acre) results in 0.69 pounds per square foot. Using three 10 x 10 foot tarps, or equivalent, apply 69 pounds of lime (or alternative amount specified) to each 100 square feet in one or two passes with the lime spreading equipment. The average of the 3 tarps must not exceed 15% deviation from the application rate (average of 59 to 79 pounds, with no single tarp outside 25% of the application rate (i.e. not less than 52 pounds per 100 square feet or more than 86 pounds per square feet).

Lime spreading equipment must be calibrated daily or less frequently per approval of DEQ's Revegetation Consultant. Lime may be applied in a single or multiple passes. Lime shall not be spread when frozen into plates, clumps, clods or otherwise aggregated such that lime does not spread evenly.

Lime should be tilled into the soil to the depth specified in the Drawings (10 in). Lime should be moist at the time of incorporation to ensure uniformity. Lime must be evenly mixed in the soil throughout the ten (10) inch depth with two (2) tillage passes. The second pass shall be performed at 45 to 90 degrees to the first pass. Even mixing means lime is present in sufficient quantities within each 27 cubic inch volume of soil (3 in x 3 in x 3 in) such that an HCl fizz reaction is observed, and lime is visible. An additional tillage pass (not to exceed 3 total) may be requested by the DEQ's Revegetation Consultant at no additional cost to evenly mix lime into the soil. Lime must be incorporated into the soil **within 2 hours** of being spread or as soon as necessary to prevent lime from drying as determined by DEQ's Revegetation Consultant. Lime does not need to be tilled to the full ten (10) inch depth within 2 hours. Temporary tillage to 4 to 6 inches is acceptable to prevent drying and blowing. Lime shall not be spread in windy conditions. Blowing lime or blowing lime dust during incorporation will not be allowed. Contractor shall be responsible for incorporation of lime such that no lime dust is generated either during spreading or subsequent tillage. Lime mixing shall not exceed twelve (12) inches as determined by DEQ's Revegetation Consultant by excavation following tillage.

Provide all labor, tools, equipment, materials, and incidentals necessary to complete the Work as specified.

Measurement

Measurement for Bid Item No. 3: Apply Lime, will be by the actual number of acres where lime is spread as specified (measured to the nearest tenth of an acre), as measured by DEQ's Revegetation Consultant.

Payment

Payment for Bid Item No. 3: Apply Lime, will be based on the unit price bid per acre as shown in the Bid Form of the Contract Documents.

Bid Item No. 4: Apply Compost

Applicable Technical Specifications

- 140 Contractor Quality Control
- 203 Providing and/or stockpiling backfill materials

Applicable Drawings

- Sheet 03 Soil Amendment Locations
- Sheet 05 Soil Amendment Details

Work Description

This Bid Item includes all work necessary to apply compost within the Project Area. Compost will be provided and stockpiled within the Project Area by DEQ prior to or concurrent with project start. Contractor shall haul, and apply compost to all areas shown on the Drawings, and at locations specified by DEQ's Revegetation Consultant (approximately 93 acres). Contractor shall evenly mix compost to a final mixed depth of six (6) inches. The six (6) inch depth will include a mixture of native soil being amended, compost and (where applicable) cover soil (Bid Item No. 6).

Compost spreading shall be accomplished using a piece of equipment amenable to calibration such that uniform spreading results (bulk spreader or approved equal). Compost shall be applied at a rate of 70 cubic yards/acre equivalent to a surface applied depth of 0.52 inches (approximately 1/2 inches). To demonstrate compost has been spread evenly and in the desired quantity throughout the Project Area, pound ten wooden stakes randomly within a 500 square foot rectangular area. Mark each stake with a line 1/2 inches above the soil surface to establish the desired compost elevation. Apply a 1/2 inches surface compost layer (or alternative amount specified by DEQ's Revegetation Consultant) to the soil surface in one or multiple passes with the compost spreading equipment. Each stake must have a minimum of 3/8 inches of applied compost and not more than 3/4 inches. The ocular estimate determined by DEQ's Revegetation Consultant shall be approximately 1/2 inches.

At least once at the start-up of construction, Contractor must demonstrate controlled and calibrated application of 70 cubic yards/acres (43,560 square foot area). Loader bucket counts using a front-end loader of known volume shall be used to measure 70 cubic yards compost into the spreading equipment, followed by application of the measured amount to the 1 acre area using the calibrated application rate. Compost spreading equipment must be calibrated daily or less frequently per approval of DEQ's Revegetation Consultant. Compost may be applied in a single or multiple passes. Compost may be applied when frozen provided frozen clumps/clods are smaller than 3 inches in any dimension.

Contractor shall till compost into the lime-amended or native soil to a depth specified in the Drawings (six (6) inches). Mixing shall not exceed seven (7) inches or be less than five (5) inches in depth, and must be six (6) inches on average within any sampled area. Even mixing means compost is present in sufficient quantities within any randomly selected 27 cubic inch volume of soil (3 in x 3 in x 3 in) such that compost is visible throughout the soil and is not concentrated in isolated pockets, as verified by DEQ's Revegetation Consultant. Compost shall be mixed with 2 tillage passes. The second pass shall be performed at 45 to 90 degrees to the previous pass. Additional passes (not to exceed 4 total) may be requested by the DEQ's Revegetation Consultant at no additional cost to evenly mix the lime treated soil, cover soil and compost. Contractor shall apply compost at a rate of 70 cubic yards/acre. DEQ's Revegetation Consultant may request different rates depending on compost content.

Contractor shall till compost into the soil to the specified depth. Compost may be mixed in at the same time as cover soil (Bid Item No. 6) or as a separate step.

Provide all labor, tools, equipment, materials, and incidentals necessary to complete the Work as specified.

Measurement

Measurement for Bid Item No. 4: Apply Compost, will be by the actual number of acres where compost is mixed evenly as specified (measured to the nearest tenth of an acre), as measured by DEQ's Revegetation Consultant.

Payment

Payment for Bid Item No.4: Apply Compost will be based on the unit price bid per acre as shown in the Bid Form of the Contract Documents.

Bid Item No. 5: Cover Soil Hauling and Handling

Applicable Technical Specifications

- 140 Contractor Quality Control
- 203 Providing and/or stockpiling backfill materials
- 206 Haul
- 540 Provide Water
- 550 Traffic Control

Applicable Drawings

- Sheet 02 Project Overview & Landownership
- Sheet 03 Soil Amendment Locations
- Sheet 06 Transportation Plan

Work Description

This Bid Item includes all the work necessary to excavate, load, stockpile, haul and handle cover soil from the Beck Ranch Borrow Area to the Eastside Road Pastures Additional Remedial Revegetation Project Area.

Contractor shall develop, utilize and then reclaim a portion of the Beck Borrow Area, as shown on the Drawings, and as described in this Bid Item. Contractor shall excavate, load, haul and place Vegetative Borrow where needed on the Project Area. Reclamation of the Beck Borrow Area shall be completed when the Project Area backfill is complete.

Contractor shall maintain the existing private access road as a primary haul road from Lake Hill Road to the Beck Borrow Area as shown on the Drawings, Sheet 06, Transportation Plan.

Contractor shall strip and stockpile six (6) inches of topsoil from within the designated area of the Beck Borrow Area. Contractor shall strip only that portion of the Beck Borrow Area necessary to supply borrow materials for its immediate needs. Contractor shall endeavor to minimize the amount of stripped borrow area open at any time to minimize potential erosion. No payment shall be made to reclaim stripped or disturbed areas beyond what is necessary for Contractor's backfill requirements. During excavation of cover soil, DEQ's Revegetation Consultant will determine if the excavated materials are acceptable. If unacceptable materials are discovered, Contractor shall either avoid excavating these materials or otherwise separate them from acceptable materials. Cover soil shall be excavated to the depth determined by DEQ's Revegetation Consultant. It is estimated that up to 3 ft. of soil can be excavated. Material from the B Horizon (typically 1 to 3 ft. below the surface) should be used. All loads must be covered prior to and during transport.

Hauling shall be conducted in accordance with Contractor's approved Transportation Plan as described in Bid Item 1: Mobilization, Demobilization, Bonding and Insurance.

Contractor shall implement an excavation approach that prevents ponding of surface water and erosion to the extent possible. Excavation cut faces where equipment is not working shall be immediately sloped back to a temporary 2H:1V slope or flatter. Side slopes shall be monitored by Contractor for stability, potential safety concerns, and dust control.

Measurement

Measurement for Bid Item No. 5: Cover Soil Hauling and Handling, will be by the actual number of cubic yards hauled to the Project Area as specified (measured to the nearest cubic yard), as measured by DEQ's Revegetation Consultant. Excess material shall be removed from the Project Area at Contractor's expense.

Payment

Payment for Bid Item No. 5: Cover Soil Hauling and Handling, will be based on the unit price bid per cubic yard as shown in the Bid Form of the Contract Documents.

Bid Item No. 6: Apply Cover Soil

Applicable Technical Specifications

| | |
|-----|---|
| 140 | Contractor Quality Control |
| 203 | Providing and/or stockpiling backfill materials |
| 206 | Haul |
| 540 | Provide Water |
| 550 | Traffic Control |

Applicable Drawings

Sheet 03 Soil Amendment Locations

Sheet 05 Soil Amendment Details

Work Description

This Bid Item includes all the work necessary to apply cover soil in the Eastside Road Pastures Additional Remedial Revegetation Project Area as shown on the Drawings (approximately 90 acres where cover soil will be evenly mixed to a final mixed depth of six (6) inches). The six (6) inch depth will include a mixture of native soil being amended with lime, compost and cover soil.

Contractor shall spread cover soil spreading using a piece of equipment amenable to calibration such that uniform spreading results (bulk spreader or approved equal). Cover soil shall be applied at a rate of 200 cubic yards/acre equivalent to a depth of approximately 1.5 inches. To demonstrate cover soil has been spread evenly and in the desired quantity throughout the Project Area, pound ten wooden stakes randomly within a 500 square feet rectangular area. Mark each stake with a line 1.5 inches above the soil surface to establish the desired cover soil elevation. Apply a 1.5 inch cover soil layer (or alternative amount specified by DEQ's Revegetation Consultant) to the soil surface in one or multiple passes with the spreading equipment. Each stake must have a minimum of 1 inch of applied cover soil and not more than 2 inches. The ocular estimate determined by DEQ's Revegetation Consultant shall be approximately 1.5 inches. The desired cover soil application rate is $\pm 10\%$ of the design amount of 200 cubic yards/acre (180 to 220 cubic yards/acre).

At least once at the start-up of construction, Contractor must demonstrate controlled and calibrated application of 200 cubic yards/acres (43,560 square foot area). Loader bucket counts using a front-end loader of known volume shall be used to measure 200 cubic yards cover soil into the spreading equipment, followed by application of the measured amount to the 1 acre area using the calibrated application rate. Cover soil spreading equipment must be calibrated daily or less frequently per approval of DEQ's Revegetation Consultant. Cover soil may be applied in a single or multiple passes. Cover soil may be applied when frozen provided frozen clumps/clods are smaller than 3 inches in any dimension.

Contractor shall till cover soil into the lime-amended soil to the specified depth. Mixing shall not exceed 7 inches or be less than 5 inches in depth. Even mixing means cover soil is present in sufficient quantities within any randomly selected 27 cubic inch volume of soil (3 in x 3 in x 3 in) such that cover soil is

visible throughout the soil and is not concentrated in isolated pockets , as verified by DEQ's Revegetation Consultant.

Cover soil will be applied as shown in the Drawings, after lime has been applied, but before seedbed prep and seeding. Cover soil may be mixed in at the same time as compost (Bid Item No. 4) or as a separate step. Cover soil shall be placed but not compacted, except as compaction occurs as part of normal seedbed preparation.

Provide all labor, tools, equipment, materials, and incidentals necessary to complete the Work as specified.

Measurement

Measurement for Bid Item No. 6: Apply Cover Soil, will be by the actual number of acres where cover soil is evenly mixed as specified (measured to the nearest tenth of an acre), as measured by DEQ's Revegetation Consultant.

Payment

Payment for Bid Item No. 6: Apply Cover Soil, will be based on the unit price bid per acre as shown in the Bid Form of the Contract Documents.

Bid Item No. 7: Prepare Seedbed

Applicable Technical Specifications

140 Contractor Quality Control

Applicable Drawings

Sheet 04 Seedbed Prep & Seeding Locations

Work Description

This Bid Item includes all the work necessary to prepare the seedbed within the Project Area (approximately 93 acres). Contractor shall prepare the seedbed in a manner that will optimize plant germination and establishment to the satisfaction of DEQ's Revegetation Consultant.

Contractor shall eliminate clumps and irregularities in the soil surface so seeding may be accomplished as described in Bid Item No. 8. Acceptable seedbed prep and compost and cover soil incorporation methods shall include disking or, in areas too compacted to disc, chisel plowing to appropriate depth, or by another method approved by DEQ's Revegetation Consultant (Harrow, disk, chisel plow, roller, cultipacker, imprinter or approved equivalent. Ripping is not an acceptable form of seedbed prep). Contractor shall avoid driving on the prepared seedbed with equipment that will compact the seedbed. Contractor may

prepare seedbed in the course of incorporating compost and/or cover soil (Bid Items 4 &6) or as a separate step.

Provide all labor, tools, equipment, materials, and incidentals necessary to complete the Work as specified.

Measurement

Measurement for Bid Item No. 7: Prepare Seedbed, will be by the actual number of acres prepared as specified (measured to the nearest tenth of an acre), as measured by DEQ’s Revegetation Consultant.

Payment

Payment for Bid Item No. 7: Prepare Seedbed, will be based on the unit price bid per acre as shown in the Bid Form of the Contract Documents.

Bid Item No. 8: Seeding

Applicable Technical Specifications

140 Contractor Quality Control

Applicable Drawings

Sheet 04 Seedbed Prep & Seeding Locations

Work Description

This Bid Item includes all work necessary to plant seed within the Project Area (approximately 93 acres). DEQ will supply and deliver seed to the designated staging areas. Contractor shall plant seed in the ground using either broadcast or drill seeding methods (using Truax Rangeland Drill, Trillion Broadcast Seeder or an approved equal that can accommodate both small and large seeds), such that large seeds are buried to an appropriate depth, and small seeds are placed on the surface and then packed into the soil to ensure soil/seed contact. Seeded areas will be rolled within 1 day to establish seed-to-soil contact. The seed mix used will be similar to the mix shown in the table below, and the seed mix will be provided in separate bags of small and large seeds.

| Species | Common Name | PLS #/ac | Seed size* |
|-------------------------------|-------------------------------|----------|------------|
| Graminoids | | | |
| <i>Thinopyrum intermedium</i> | Intermediate wheatgrass | 6.50 | large |
| <i>Elymus trachycaulus</i> | Copperhead slender wheatgrass | 5.00 | large |
| <i>Festuca idahoensis</i> | Idaho fescue | 0.75 | small |
| <i>Leymus cinereus</i> | Basin wildrye | 2.50 | large |

| | | | |
|--------------------------------|------------------------------|--------------|-------|
| <i>Poa secunda</i> | Opportunity Nevada bluegrass | 0.80 | small |
| <i>Pascopyrum smithii</i> | western wheatgrass (Rosana) | 8.00 | large |
| <i>Bouteloua gracilis</i> | Blue grama | 0.25 | small |
| Forbs | | | |
| <i>Achillea millefolium</i> | common yarrow | 0.20 | small |
| <i>Artemisia ludoviciana</i> | prairie sage | 0.06 | small |
| <i>Gaillardia aristata</i> | blanketflower | 1.00 | large |
| <i>Vicia Americana</i> | American vetch | 3.50 | large |
| <i>Linum lewisii</i> | Lewis blue flax | 1.30 | large |
| <i>Artemisia frigida</i> | fringed sage | 0.06 | small |
| Shrubs | | | |
| <i>Chrysothamnus nauseosus</i> | rubber rabbitbrush | 0.25 | small |
| Total: | | 29.92 | |

*400,000 seeds/lb is the break between small and large seeds

Seed shall be planted at an appropriate depth according to the size of the seed. Large seeds should be planted so they are buried, but no more than ¼ inch below the ground surface. Small-seeded species shall be placed on the surface. Seed should have good seed-to-soil contact and must be rolled within 1 day after planting. Distribution of seed should not appear to be in straight rows, but should be evenly distributed on the soil surface. Seeding shall not occur when the ground is too frozen or wet to plant seeds to the proper depth, or when seeding will cause either soil compaction or deep ruts in the soil. Seeded areas shall receive straw crimping (Bid Item No. 9) within 24 hours of seeding to prevent soil and seed from blowing away. Hydromulching (Bid item No. 10) is an acceptable alternative to straw crimping.

Provide all labor, tools, equipment, materials, and incidentals necessary to complete the Work as specified.

Measurement

Measurement for Bid Item No. 8: Seeding, will be by the actual number of acres seeded as specified (measured to the nearest tenth of an acre), as measured by DEQ's Revegetation Consultant.

Payment

Payment for Bid Item No. 8: Seeding, will be based on the unit price bid per acre as shown in the Bid Form of the Contract Documents.

Bid Item No. 9: Straw Crimping

Applicable Technical Specifications

140 Contractor Quality Control

Applicable Drawings

Sheet 04 Seedbed Prep & Seeding Locations

Work Description

This Bid Item includes all work necessary to place a straw mulch cover on all seeded areas in the Project Area following seeding (approximately 93 acres). Contractor shall provide all labor, tools, equipment, materials, and incidentals necessary to complete the Work as specified. Crimped straw consists of a layer of straw or hay spread or blown over the seeded or graded soil surface. The straw is then mechanically anchored to the soil surface. The action of rolling an implement over the surface of the straw creates rows of straw that stand up. The remainder of the straw protects the soil's surface. This reduces the velocity of runoff, promotes infiltration and vegetation establishment, and reduces erosion.

Contractor shall supply and place the straw mulch. Straw mulching material shall be certified noxious weed seed free or an alternative approved by the DEQ's Revegetation Consultant. A list of certified producers is included as an attachment to these Special Provisions. The mulch shall have been baled dry, in bales of approximately equal weight and shall be relatively dry when applied. DEQ's Revegetation Consultant shall approve the materials prior to installation. Materials having characteristics making them unsuitable for the purpose intended will be rejected.

Straw Mulch: Placement.

Contractor shall place the mulch within 24 hours after the seeding has been completed. If conditions are not appropriate for seeding (ground is frozen or too wet as determined by DEQ's Revegetation Consultant), mulch may be placed prior to seeding to stabilize the soils. Mulching operations shall not be performed during periods of high winds, which impede the proper placing of the mulch. The placing of mulch shall begin on the windward side of the areas to be covered. On gentle to moderate slopes, straw mulch can be applied by hand broadcasting to a uniform depth of 2 - 3 inches. On steep slopes, the straw should be blown onto the slope to achieve the same degree of cover.

For machine application, the machine shall blow or eject mulch, by a constant air stream, that controls the amount of mulch. The machine shall cause a minimum of cutting or breakage of the mulch.

Contractor shall not use mulch containing excessive moisture, which prevents uniform feeding through the machine. Mulch shall be placed uniformly over the seeded areas at a rate of 4000 pounds per acre (or one 74 pound bale per 800 square feet). Approximately 10 to 20 percent of the soil surface shall be visible through the mulch blanket prior to mulch tiller (punching) operation. Excessive cover, which will smother seedlings, shall be avoided. DEQ's Revegetation Consultant may order the placement of mulch on any area where protection is necessary to prevent erosion or encourage vegetation establishment.

The mulch shall extend into existing vegetation or be stabilized on all sides to prevent wind or water damage which may start at the edges.

Straw Mulch: Punching.

Immediately following application, the mulch shall be punched (e.g. crimped) into the soil. Punching shall be accomplished using one of three methods depending on slope and equipment availability:

- Hand Punching: A spade or shovel is used to punch straw into the slope until all areas have straw standing perpendicularly to the slope and embedded at least 4 inches into the slope. It shall be punched about 12 inches apart.
- Roller Punching: A roller equipped with straight studs not less than 6 inches long, from 4 - 6 inches wide and approximately one inch thick shall be rolled over the slope.
- Crimper Punching: Like roller punching, the crimper has a series of dull, flat disks with notched or cutout edges. The disks shall be approximately 20 inches (500 mm) in diameter, ¼ inch (6 mm) thick, spaced approximately 8 inches (200 mm) apart which force straw mulch into the soil. Crimping shall be done in two directions with the final pass across the slope. Tiller members shall be ballasted; to push mulch into the soil approximately two inches into the ground with two inch ends exposed above the soil surface. The mulch tiller shall follow as closely as possible behind the mulcher. More than one pass of the mulch tiller may be required to assure adequate anchoring.

Example Photos:



Example of crimped straw



Example of mechanical straw crimper

Measurement

Measurement for Bid Item No. 9: Straw Crimping, will be by the actual number of acres mulch is applied and punched as specified (measured to the nearest tenth of an acre), as measured by DEQ’s Revegetation Consultant.

Payment

Payment for Bid Item No. 9: Straw Crimping, will be based on the unit price bid per acre as shown in the Bid Form of the Contract Documents.

Bid Item No. 10: Hydromulch and Tackifier

Applicable Technical Specifications

140 Contractor Quality Control

Applicable Drawings

Sheet 04 Seedbed Prep & Seeding Locations

Work Description

This Bid Item includes all work necessary to supply and apply hydromulch and tackifier to steep areas within the Project Area (approximately 5 acres and may include other additional areas as specified by DEQ’s Revegetation Consultant). DEQ’s Revegetation Consultant will mark hydromulch areas by flags or stakes prior to application.

Contractor shall plant seed according to Bid Item 8: Seeding. Following seeding, Contractor shall apply a combination of mulch and tackifier (approved by DEQ’s Revegetation Consultant) to specified areas using a hydraulic slurry applicator. Mulch/tackifier mixture shall be applied immediately (within 24 hours) following seeding.

Mulch shall be virgin wood fiber (or approved equal) and tackifier should be guar-based (or approved equal).

Mulch/tackifier mixture shall be applied in quantities as prescribed by manufacturer's specifications for slopes in the Project Area.

Provide all labor, tools, equipment, materials, and incidentals necessary to complete the Work as specified.

Measurement

Measurement for Bid Item No. 10: Hydromulch and Tackifier, will be by the actual number of acres hydromulch and tackifier applied as specified (measured to the nearest tenth of an acre), as measured by DEQ's Revegetation Consultant.

Payment

Payment for Bid Item No. 10: Hydromulch and Tackifier, will be based on the unit price bid per acre as shown in the Bid Form of the Contract Documents.

Bid Item No. 11: Provide Water

Applicable Technical Specifications

140 Contractor Quality Control
540 Provide Water

Applicable Drawings

N/A

Work Description

This Bid Item includes all work necessary to obtain, supply, maintain and apply water for dust control, operations and vehicle washing in the Project Area. Contractor shall apply water to pastures, roads, and staging areas in quantities and a manner to eliminate all visible dust emissions as required by DEQ's Revegetation Consultant. Contractor shall supply a water truck with sufficient capacity to apply water when needed for a variety of operations.

Contractor shall obtain a temporary water service to supply water. Contractor shall indicate to Revegetation Consultant the source of water to be used prior to use. The water provided shall be reasonably clean and free from acid, oil, alkali, metal contaminants, or organic matter and not brackish or salty. All costs to obtain permits and for water usage are considered incidental to this Bid Item, and no

separate payment will be made. Contractor shall ensure that the water supply and watering equipment are prepared and readied for use prior to beginning any work on other bid items.

Contractor shall provide and have available at all times during operations one (1) fully functional operated water truck with a minimum capacity of 4,000 gallons or as approved by DEQ's Revegetation Consultant. Contractor shall provide and have available at all times during construction one fully functional water truck with a minimum capacity of 4,000 gallons capable of spreading water uniformly across the surface to be watered, and equipped with spray nozzles capable of watering for fire suppression to the satisfaction of Owner's Consultant. Contractor shall apply water to any area on-site within 30 minutes of any request to do so by DEQ's Revegetation Consultant. Water, when requested or necessary, shall be applied at designated locations and in the amounts needed to effectively reduce fugitive dust. **Failure to comply with these requirements as specified is cause for immediate work stoppage and/or termination of the Contract.**

Work includes, at a minimum:

- Obtain permission and any required permits;
- Provide and have available at all times during construction fully functional operated water truck with a capacity sufficient to complete the Work;
- Apply water to all Project Area access roads, treatment areas, staging areas, and other construction areas as requested by DEQ's Revegetation Consultant ;
- Wash vehicles and equipment in accordance with specified weed control measures;
- Wash vehicles to prevent soil from being tracked off the Project Area; and
- Provide all labor, tools, equipment, materials, and incidentals necessary to complete the Work as specified.

Measurement

Measurement for Bid Item No. 11: Provide Water, will be by each 1,000 gallons of water applied as specified, as determined by DEQ's Revegetation Consultant based upon a daily count of tank truckloads with pre-measured tank volumes.

Payment

Payment for Bid Item No. 11: Provide Water, will be based on the unit price bid per 1,000 gallons as shown on the Bid Form of the Contract Documents.

2014 Weed Free Forage Producer List

| Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|---|-----------------------|--|------------|-----------|
| County: Beaverhead | | | | |
| Alan Mikula PO Box 222 Lima MT 59739 | (406) 925-0998 | Grass/Alfalfa | Sm. Square | 24 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Craig Hansen 878 Laknar Lane Dillon MT 59725 | (406) 660-2597 | Alfalfa | Sm. Square | 100 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Fran Schisler 190 Shepherd Lane Dillon MT 59725 | (406) 683-4329 | Alfalfa | Sm. Square | 76 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Roger Cleverly 1775 Hwy 41 Dillon MT 59725 | (406) 683-4578 | Straw | Sm. Square | 18 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Roger Cleverly 1775 Hwy 41 Dillon MT 59725 | (406) 683-4578 | Grass/Alfalfa | Sm. Square | 12 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Tom Helle 1100 Stone Creek Dillon MT 59725 | (406) 925-1370 | Grass/Alfalfa | Sm. Square | 286 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Tom Helle 1100 Stone Creek Dillon MT 59725 | (406) 925-1370 | Straw | Sm. Square | 70 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| County: Big Horn | | | | |
| Larry Dorn PO Box 24 Hardin MT 59034 | (406) 665-3844 | Straw | Lg. Square | 4015 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Robert Koyama Rte 1, Box 1240 Hardin MT 59034 | (406) 679-2636 | Straw | Lg. Square | 380 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Shawn Nedens 1496 Peritsa Creek Road Hardin MT 59034 | (406) 665-1072 | Straw | Lg. Square | 995 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| William Uffelmann HC 36, Box 2280 Hardin MT 59034 | (406) 665-2834 | Straw | Lg. Square | 200 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|---------------------------|--|-----------------------|--|------------|----------|
| County: Broadwater | | | | | |
| | Allen McNeal | (406) 266-3265 | Grass/Alfalfa | Sm. Square | 58 Tons |
| | 101 Lower Gurnett Creek Townsend MT 59644 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | Allen McNeal | (406) 266-3265 | Grass/Alfalfa | Sm. Square | 50 Tons |
| | 101 Lower Gurnett Creek Townsend MT 59644 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | Don Eva | (406) 266-5005 | Grass/Alfalfa | Sm. Square | 20 Tons |
| | 200 Shelley Road Townsend MT 59644 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | Jim Thompson | (406) 266-4458 | Alfalfa | Sm. Square | 38 Tons |
| | 326 Gurnett Creek Road Townsend MT 59644 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | Joe Nelson | (406) 266-4310 | Straw | Lg. Square | 400 Tons |
| | PO Box 1187 Townsend MT 59644 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | Joe Nelson | (406) 266-4310 | Straw | Lg. Square | 170 Tons |
| | PO Box 1187 Townsend MT 59644 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | Rich Vetsch | (406) 266-4458 | Grass/Alfalfa | Sm. Square | 80 Tons |
| | 120 Lower Ray Creek Road Townsend MT 59644 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| County: Carbon | | | | | |
| | Scott Mann | (406) 446-3996 | Grass/Alfalfa | Sm. Square | 90 Tons |
| | 78 Turner Road Roberts MT 59070 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| County: Cascade | | | | | |
| | Bill Shirley | (406) 736-5177 | Grass/Alfalfa | Sm. Square | 180 Tons |
| | 268 Cottenwood Coulee Road Stockett MT 59480 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | Justin Okes | (406) 231-8957 | Grass/Alfalfa | Sm. Square | 36 Tons |
| | 477 Sun River Cascade Road Sun River MT 59483 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | Lynne Heryford | (406) 467-2662 | Grass/Alfalfa | Sm. Square | 40 Tons |
| | 69 5th Lane Fort Shaw MT 59443 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|--|-----------------------|--|------------|----------|
| Mike and Debra Jenkins 298 Hastings Road Sand Coulee MT 59472 | (406) 868-0044 | Grass/Alfalfa | Lg. Square | 16 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Roger Antonich 476 Evans Riceville Road Belt MT 59412 | (406) 736-5606 | Grass/Alfalfa | Sm. Square | 98 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Ronald Murray PO Box 3467 Great Falls MT 59403 | (406) 788-3863 | Grass | Sm. Square | 15 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Roxanne Swartz 122 Lone Sprint Road Stockett MT 59480 | (406) 736-5681 | Grass/Alfalfa | Sm. Square | 16 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Tom and Shelli Davidson 104 Calvert Road Stockett MT 59480 | (406) 736-5308 | Alfalfa | Sm. Square | 10 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Tom Fitzgerald 42 Prairie Dog Lane Great Falls MT 59404 | (406) 799-0215 | Grass/Alfalfa | Sm. Square | 16 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| County: Fallon | | | | |
| Byron Wolenetz 2111 Hwy 7 Baker MT 59313 | (406) 775-8800 | Straw | Round | 100 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Randy Wolenetz 431 Webster Road Baker MT 59313 | (406) 975-6236 | Straw | Round | 513 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Richard Schaefer PO Box 225 Plevna MT 59344 | (406) 778-2364 | Straw | Lg. Square | 130 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Steve Rieger 5911 Hwy 12 Ismay MT 59336 | (406) 772-5747 | Grass/Alfalfa | Sm. Square | 15 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| County: Fergus | | | | |
| Matt Derosier 22231 Hwy 191 Roy MT 59471 | (406) 464-2210 | Grass/Alfalfa | Sm. Square | 16 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|--|-----------------------|---------------|------------|----------|
| Paul Ritchey 606 East Montana Street Lewistown MT 59457 | (406) 366-2112 | Grass/Alfalfa | Sm. Square | 15 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| County: Flathead | | | | |
| Dick Sapa 490 South Hilltop Road Columbia MT 59912 | (406) 892-4737 | Grass/Alfalfa | Sm. Square | 24 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Doug Anderson 330 Demersville Kalispell MT 59901 | (406) 755-0402 | Sanfoin | Sm. Square | 10 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Doug Stevens 2685 Dillon Road Whitefish MT 59937 | (406) 862-7564 | Grass/Alfalfa | Sm. Square | 300 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Gary Dalen 1120 Monegen Road Whitefish MT 59937 | (406) 862-4340 | Grass | Sm. Square | 26 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Jess Kitchen 762 Elk Park Columbia Falls MT 59912 | (406) 212-4958 | Grass/Alfalfa | Sm. Square | 60 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Joe Brenneman 820 Steel Bridge Road Kalispell MT 59901 | (406) 314-0075 | Alfalfa | Sm. Square | 80 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| John Klassen 100 Tally Lake Road Whitefish MT 59937 | (406) 862-0585 | Grass | Sm. Square | 10 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Ken Smith 290 Jaquette Road Kalispell MT 59901 | (406) 471-4712 | Alfalfa | Sm. Square | 48 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Ken Smith 290 Jaquette Road Kalispell MT 59901 | (406) 471-4712 | Grass/Alfalfa | Sm. Square | 40 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Klaus Kleinke 3575 Farm to Market Road Kalispell MT 59901 | (406) 756-1513 | Grass | Sm. Square | 21 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |

| Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|---|-----------------------|--|------------|----------|
| Lori Moran 621 Somers Stage Road Kalispell MT 59912 | (406) 212-3010 | Alfalfa | Sm. Square | 34 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Lynn Heaps 140 Treasure Lane Kalispell MT 59901 | (406) 212-0706 | Grass | Sm. Square | 10 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Marlene Becker 1025 Monegan Road Whitefish MT 59937 | (406) 862-2714 | Grass/Alfalfa | Sm. Square | 39 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Randy Oconnell 2727 Lower Valley Kalispell MT 59901 | (406) 752-3188 | Grass/Alfalfa | Sm. Square | 256 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Randy Oconnell 2727 Lower Valley Kalispell MT 59901 | (406) 752-3188 | Alfalfa | Sm. Square | 180 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Robert Holst 1395 Bucks Lane Bigfork MT 59911 | (406) 257-7086 | Grass/Alfalfa | Sm. Square | 10 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Sean Fitzgerald 825 Hodgson Road Columbia Falls MT 59912 | (406) 755-1298 | Grass | Sm. Square | 105 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Taylor Brook 6850 MT Hwy 35 Bigfork MT 59911 | (406) 576-4008 | Grass/Alfalfa | Sm. Square | 105 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Tim Pearson 43 Pine Cone Lane Kalispell MT 59901 | (406) 755-4271 | Grass | Sm. Square | 14 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Trevor McConkey 3925 Lower Valley Kalispell MT 59901 | (406) 871-2788 | Grass/Alfalfa | Cubes | 80 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Tryg Koch 885 Riverside Road Kalispell MT 59901 | (406) 261-2190 | Grass/Alfalfa | Sm. Square | 108 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Tryg Koch 885 Riverside Road Kalispell MT 59901 | (406) 261-2190 | Grass/Alfalfa | Sm. Square | 124 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|--|-----------------------|--|------------|----------|
| Vance Brash | (406) 250-5110 | Grass/Alfalfa | Sm. Square | 84 Tons |
| 911 Jensen Road Columbia Falls MT 59912 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

County: Gallatin

| | | | | |
|---|-----------------------|--|------------|----------|
| Al Bos | (406) 282-7967 | Alfalfa | Sm. Square | 105 Tons |
| 8070 Churchill Road Manhattan MT 59741 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|---|-----------------------|---|------------|---------|
| Al Bos | (406) 282-7967 | Straw | Sm. Square | 40 Tons |
| 8070 Churchill Road Manhattan MT 59741 | | Regionally certified (NAISMA) meets North American Standards: No | | |

| | | | | |
|---|-----------------------|--|------------|---------|
| Al Bos | (406) 282-7967 | Grass/Alfalfa | Sm. Square | 42 Tons |
| 8070 Churchill Road Manhattan MT 59741 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|---|-----------------------|--|------------|---------|
| Al Bos | (406) 282-7967 | Grass/Alfalfa | Sm. Square | 36 Tons |
| 8070 Churchill Road Manhattan MT 59741 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|---|-----------------------|--|------------|---------|
| Bill Raffely | (406) 581-0900 | Alfalfa | Sm. Square | 25 Tons |
| 215 Raffely Lane Willow Creek MT 59760 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|--|-----------------------|--|------------|---------|
| Bob Marx | (406) 388-4624 | Grass/Alfalfa | Sm. Square | 30 Tons |
| 776 East Valley Center Bozeman MT 59718 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|------------------------------------|-----------------------|--|------------|---------|
| Clint Burkhart | (406) 209-0217 | Grass/Alfalfa | Sm. Square | 50 Tons |
| 8830 Kagy Road Bozeman MT 59715 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|------------------------------------|-----------------------|--|------------|----------|
| Clint Burkhart | (406) 209-0217 | Grass/Alfalfa | Sm. Square | 100 Tons |
| 8830 Kagy Road Bozeman MT 59715 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|------------------------------------|-----------------------|--|------------|---------|
| Clint Burkhart | (406) 209-0217 | Grass/Alfalfa | Sm. Square | 28 Tons |
| 8830 Kagy Road Bozeman MT 59715 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|------------------------------------|-----------------------|--|------------|---------|
| Clint Burkhart | (406) 209-0217 | Grass/Alfalfa | Sm. Square | 54 Tons |
| 8830 Kagy Road Bozeman MT 59715 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|--|-----------------------|---------------|------------|----------|
| Clint Burkhart 8830 Kagy Road Bozeman MT 59715 | (406) 209-0217 | Grass | Sm. Square | 48 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Clint Burkhart 8830 Kagy Road Bozeman MT 59715 | (406) 209-0217 | Grass | Sm. Square | 96 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Dave Kraft 8670 Fowler Road Bozeman MT 59718 | (406) 581-0625 | Grass/Alfalfa | Sm. Square | 75 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Dave Kraft 8670 Fowler Road Bozeman MT 59718 | (406) 581-0625 | Grass/Alfalfa | Sm. Square | 64 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Dave Kraft 8670 Fowler Road Bozeman MT 59718 | (406) 581-0625 | Grass/Alfalfa | Sm. Square | 93 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Duane Wiltse 650 High Lonesome Trail Bozeman MT 59718 | (406) 586-2440 | Grass | Sm. Square | 10 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Fred Stockwell 113 Star Ridge Road Bozeman MT 59715 | (406) 586-1203 | Grass | Sm. Square | 30 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Jerry Ryder 14825 Spanish Peaks Gallatin Gateway MT 59730 | (406) 763-5222 | Grass/Alfalfa | Sm. Square | 5 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Jerry Ryder 14825 Spanish Peaks Gallatin Gateway MT 59730 | (406) 763-5222 | Grass/Alfalfa | Sm. Square | 12 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Lawrence VanDyke 450 High Lonesome Trail Bozeman MT 59718 | (406) 586-2440 | Grass/Alfalfa | Sm. Square | 40 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Rocky Goertz PO Box 237 Gallatin Gateway MT 59730 | (406) 600-2431 | Grass | Sm. Square | 34 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |
| Roger Nerlin 40 Carpenter Road Three Forks MT 59752 | (406) 285-6653 | Alfalfa | Sm. Square | 30 Tons |
| Regionally certified (NAISMA) meets North American Standards: Yes | | | | |

| Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|---|-----------------------|---|------------|----------|
| Tim Kearns | (406) 581-5450 | Grass | Sm. Square | 5 Tons |
| 1325 Nichols Peak Trail Bozeman MT 59715 | | Regionally certified (NAISMA) meets North American Standards: No | | |

County: Glacier

| | | | | |
|----------------------------------|-----------------------|--|------------|---------|
| Robert Winkowitsch | (406) 873-4810 | Grass/Alfalfa | Sm. Square | 75 Tons |
| PO Box 1178 Cut Bank MT 59427 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

County: Jefferson

| | | | | |
|---------------------------------|-----------------------|--|------------|---------|
| Calvin Johnson | (406) 490-2860 | Grass | Sm. Square | 50 Tons |
| PO Box 98 Whitehall MT 59759 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|--|-----------------------|--|------------|---------|
| James Netz | (406) 287-3965 | Grass/Alfalfa | Sm. Square | 15 Tons |
| 255 Franich Lane Whitehall MT 59759 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|----------------------------------|-----------------------|--|------------|--------|
| Larry Feight | (406) 490-2044 | Grass/Alfalfa | Sm. Square | 6 Tons |
| PO Box 525 Whitehall MT 59759 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|----------------------------------|-----------------------|--|------------|--------|
| Larry Feight | (406) 490-2044 | Grass/Alfalfa | Sm. Square | 6 Tons |
| PO Box 525 Whitehall MT 59759 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|--|-----------------------|--|------------|---------|
| Lee Bruner | (406) 490-4887 | Alfalfa | Sm. Square | 51 Tons |
| 240 Franich Lane Whitehall MT 59759 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|---------------------------------------|-----------------------|--|------------|---------|
| Pat Kountz | (406) 287-3917 | Grass/Alfalfa | Sm. Square | 40 Tons |
| 175 Kountz Road Whitehall MT 59759 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|---|-----------------------|--|------------|--------|
| Tom Benson | (406) 494-5910 | Grass | Sm. Square | 3 Tons |
| 29 Cedar Hills Road Whitehall MT 59759 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

County: Judith Basin

| | | | | |
|------------------------------------|-----------------------|--|-------|----------|
| Brendan Deegan | (406) 423-5467 | Straw | Round | 233 Tons |
| 1401 MT Hwy 400 Hobson MT 59452 | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| County: | Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|---------|--|-----------------------|---------------|--|----------|
| Lake | Bill Smith 57398 Moise Valley Road Charlo MT 59824 | (406) 539-3036 | Grass/Alfalfa | Sm. Square | 30 Tons |
| | | | | Regionally certified (NAISMA) meets North American Standards: Yes | |
| | Bob Allen 43527 Eli Gap Road Polson MT 59860 | (406) 871-3067 | Grass/Alfalfa | Sm. Square | 13 Tons |
| | | | | Regionally certified (NAISMA) meets North American Standards: Yes | |
| | Cory Symington 2081 Stinger Road Ronan MT 59864 | (406) 833-2555 | Alfalfa | Sm. Square | 72 Tons |
| | | | | Regionally certified (NAISMA) meets North American Standards: Yes | |
| | David Crawford 43265 North Foothills Drive Pablo MT 59855 | (406) 675-4293 | Grass/Alfalfa | Sm. Square | 30 Tons |
| | | | | Regionally certified (NAISMA) meets North American Standards: Yes | |
| | David Crawford 43265 North Foothills Drive Pablo MT 59855 | (406) 675-4293 | Grass/Alfalfa | Sm. Square | 20 Tons |
| | | | | Regionally certified (NAISMA) meets North American Standards: Yes | |
| | Jeremy Zempel 43486 Pioneer Lane Moiese MT 59824 | (406) 210-2807 | Grass/Alfalfa | Sm. Square | 15 Tons |
| | | | | Regionally certified (NAISMA) meets North American Standards: Yes | |
| | Mick Cheff 30888 Eagle Pass Trail Charlo MT 59824 | (406) 644-2557 | Grass | Sm. Square | 45 Tons |
| | | | | Regionally certified (NAISMA) meets North American Standards: Yes | |
| | Mike Hinman 43233 Valley View Road Polson MT 59860 | (406) 471-9608 | Grass/Alfalfa | Sm. Square | 56 Tons |
| | | | | Regionally certified (NAISMA) meets North American Standards: Yes | |
| | Pat Marks 59216 Foothills Road St. Ignatius MT 59865 | (406) 745-3418 | Grass/Alfalfa | Sm. Square | 15 Tons |
| | | | | Regionally certified (NAISMA) meets North American Standards: Yes | |
| | Richard Erb 46451 Schoolhouse Lane Moiese MT 59824 | (406) 644-2090 | Grass | Sm. Square | 53 Tons |
| | | | | Regionally certified (NAISMA) meets North American Standards: Yes | |
| | Richard Erb 46451 Schoolhouse Lane Moiese MT 59824 | (406) 644-2090 | Grass | Sm. Square | 80 Tons |
| | | | | Regionally certified (NAISMA) meets North American Standards: Yes | |

| Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|--|-----------------------|--|------------|----------|
| Richard Wayman PO Box 496 Ronan MT 59864 | (406) 676-3999 | Grass/Alfalfa | Sm. Square | 80 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Roy Vallejo PO Box 386 Saint Ignatius MT 59865 | (406) 745-4250 | Grass | Sm. Square | 8 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Scott Johnson 36272 Round Butte Road Ronan MT 59864 | (406) 676-4100 | Straw | Sm. Square | 40 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Scott Johnson 36272 Round Butte Road Ronan MT 59864 | (406) 676-4100 | Grass/Alfalfa | Sm. Square | 40 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Tom Linse 45994 North Foothills Drive Ronan MT 59864 | (406) 676-2853 | Alfalfa | Sm. Square | 76 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Tom Linse 45994 North Foothills Drive Ronan MT 59864 | (406) 676-2853 | Alfalfa | Sm. Square | 100 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| County: Lewis & Clark | | | | |
| Greg Ames 4635 Green Meadow Helena MT 59607 | (406) 458-9858 | Sanfoin | Sm. Square | 44 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Jim Darfler 3150 Hart Lane Helena MT 59602 | (406) 202-1139 | Grass/Alfalfa | Sm. Square | 28 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Jim Darfler 3150 Hart Lane Helena MT 59602 | (406) 202-1139 | Alfalfa | Sm. Square | 13 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| John Schmeltzer 1920 Sierra Road Helena MT 59602 | (406) 431-3486 | Straw | Round | 90 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Jon Pallister 6453 Green Meadow Drive Helena MT 59602 | (406) 431-5314 | Grass/Alfalfa | Sm. Square | 24 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|--|-----------------------|--|------------|----------|
| Jon Pallister 6453 Green Meadow Drive Helena MT 59602 | (406) 431-5314 | Grass/Alfalfa | Sm. Square | 15 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Lyle Lallum 4905 Arrowhead Drive Helena MT 59602 | (406) 458-4966 | Grass/Alfalfa | Sm. Square | 45 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Lyle Lallum 4905 Arrowhead Drive Helena MT 59602 | (406) 458-4966 | Grass/Alfalfa | Sm. Square | 65 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Matthew Springett 3390 Baldy Drive Helena MT 59602 | (406) 443-2892 | Grass/Alfalfa | Sm. Square | 6 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Rod Tabbert 5560 Glass Drive Helena MT 59602 | (406) 594-7130 | Grass/Alfalfa | Sm. Square | 18 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Steve Johns PO Box 453 Canyon Creek MT 59633 | (406) 368-2324 | Grass/Alfalfa | Sm. Square | 58 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Steve Moore 3740 Eames Lane Helena MT 59602 | (406) 439-8819 | Grass/Alfalfa | Sm. Square | 36 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Steve Moore 3740 Eames Lane Helena MT 59602 | (406) 439-8819 | Grass/Alfalfa | Sm. Square | 54 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Wayne Wilson 6765 Applegate Drive Helena MT 59602 | (406) 439-4915 | Grass/Alfalfa | Sm. Square | 21 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Wayne Wilson 6765 Applegate Drive Helena MT 59602 | (406) 439-4915 | Grass/Alfalfa | Sm. Square | 36 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| County: Liberty | | | | |
| Buck Dahlin 3199 Laird Road Chester MT 59522 | (406) 265-0850 | Straw | Lg. Square | 150 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|--|-----------------------|--|------------|----------|
| Buck Dahlin 3199 Laird Road Chester MT 59522 | (406) 265-0850 | Straw | Lg. Square | 150 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Buck Dahlin 3199 Laird Road Chester MT 59522 | (406) 265-0850 | Straw | Lg. Square | 75 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| County: Lincoln | | | | |
| Atlee Yoder 755 Deqar Path Lane Rexford MT 59930 | (406) 889-5638 | Grass/Alfalfa | Sm. Square | 20 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Atlee Yoder 755 Deqar Path Lane Rexford MT 59930 | (406) 889-5638 | Grass | Sm. Square | 10 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| George Fink PO Box 1512 Libby MT 59923 | (406) 291-0137 | Grass/Alfalfa | Sm. Square | 75 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| John Shotzberger 1280 Arabian Lane Libby MT 59923 | (406) 293-8188 | Grass | Sm. Square | 15 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Linda Stehlik 36200 South Fork Road Troy MT 59935 | (406) 295-9395 | Grass | Sm. Square | 3 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Mark Peterson 1945 Mills Springs Road Eureka MT 59917 | (406) 889-3060 | Grass/Alfalfa | Sm. Square | 165 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Mike Gwynn PO Box 911 Eureka MT 59917 | (406) 889-3826 | Grass | Sm. Square | 25 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Roby Bowe 405 Back County Lane Libby MT 59923 | (406) 293-1988 | Grass/Alfalfa | Sm. Square | 70 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| County: Madison | | | | |
| Darrell Swanson PO Box 305 McAllister MT 59740 | (406) 682-5758 | Grass/Alfalfa | Sm. Square | 35 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|---|-----------------------|--|------------|----------|
| Dave Maichel PO Box 154 Harrison MT 59735 | (406) 539-2306 | Grass/Alfalfa | Sm. Square | 30 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Hank Sitton 1844 Hwy 41 South Twin Bridges MT 59754 | (406) 684-5279 | Grass | Sm. Square | 130 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Pat Goggins 10 Goggins Ennis MT 59729 | (406) 682-4122 | Grass/Alfalfa | Sm. Square | 69 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Rick Armitage 1705 Skalkho Hwy Hamilton MT 59840 | (406) 682-7591 | Grass/Alfalfa | Sm. Square | 90 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Rod Brady PO Box 5 Alder MT 59710 | (406) 842-5153 | Grass/Alfalfa | Sm. Square | 28 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Rod Brady PO Box 5 Alder MT 59710 | (406) 842-5153 | Grass/Alfalfa | Sm. Square | 51 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Shawn Wentzel PO Box 381 Twin Bridges MT 59754 | (406) 596-0318 | Grass/Alfalfa | Sm. Square | 63 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Susan Kemper 3891 Hwy 287 Twin Bridges MT 59754 | (406) 684-5598 | Grass/Alfalfa | Sm. Square | 15 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Susan Kemper 3891 Hwy 287 Twin Bridges MT 59754 | (406) 684-5598 | Grass/Alfalfa | Sm. Square | 30 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Vern Grotzke PO Box 1314 Ennis MT 59729 | (406) 682-4945 | Grass/Alfalfa | Sm. Square | 39 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Vern Grotzke PO Box 1314 Ennis MT 59729 | (406) 682-4945 | Grass/Alfalfa | Sm. Square | 21 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| William Sinclair 20 Sand Coulee Road Sheridan MT 59749 | (406) 842-5909 | Grass/Alfalfa | Sm. Square | 20 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|-----------------------------|--|-----------------------|--|------------|----------|
| County: Missoula | | | | | |
| | Andy Hayes 6125 Mercer Lane Missoula MT 59808 | (406) 726-3350 | Grass/Alfalfa | Sm. Square | 12 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | Ed Alexander PO Box 196 Frenchtown MT 59834 | (406) 240-9604 | Grass/Alfalfa | Sm. Square | 103 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | Steve Bidlake 15955 Mullan Road Missoula MT 59808 | (406) 360-9097 | Grass | Sm. Square | 64 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| County: Park | | | | | |
| | Jim Melin 305 Mill Creek Road Livingston MT 59047 | (406) 223-4543 | Grass/Alfalfa | Sm. Square | 160 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| County: Pondera | | | | | |
| | Joseph Haas 190 South Fork Teton Road Choteau MT 59422 | (303) 717-1733 | Grass | Sm. Square | 17 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: No | | |
| | Len Vandebos Box 262 Valier MT 59486 | (406) 590-1963 | Grass/Alfalfa | Sm. Square | 26 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: No | | |
| County: Powder River | | | | | |
| | David Jurica 315 West Powderville Road Broadus MT 59317 | (406) 672-4809 | Straw | Round | 425 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: No | | |
| County: Powell | | | | | |
| | Bob Rangitsch 2777 Kleinschmidt Flat Road Ovando MT 59854 | (406) 793-2770 | Grass | Sm. Square | 188 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: No | | |
| | Dave Morgan PO Box 151 Elliston MT 59728 | (406) 472-8850 | Grass | Sm. Square | 14 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | Ray Probert 841 West River Road Deer Lodge MT 59722 | (406) 846-3138 | Grass/Alfalfa | Sm. Square | 12 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|--|-----------------------|--|------------|----------|
| Ted Murphy Box 175 Ovando MT 59854 | (406) 793-0138 | Grass | Sm. Square | 45 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| County: Ravalli | | | | |
| Bill Watega 976 Cherry Orchard Loop Hamilton MT 59840 | (406) 360-1303 | Grass | Sm. Square | 40 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Chuck Miller 926 Orchard Drive Hamilton MT 59840 | (406) 531-3266 | Grass | Sm. Square | 100 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Earl Philips 725 Mihara Lane Corvallis MT 59828 | (406) 961-0101 | Grass | Sm. Square | 22 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Earl Philips 725 Mihara Lane Corvallis MT 59828 | (406) 961-0101 | Grass | Sm. Square | 11 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Ed Hebner 237 Flanagan Lane Stevensville MT 59870 | (406) 777-5824 | Grass | Sm. Square | 12 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Henry Tintzman 1064 Honey House Lane Corvallis MT 59828 | (406) 961-5296 | Straw | Sm. Square | 200 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Jim and Helene Musante 444 Yerian Lane Corvallis MT 59828 | (406) 381-8029 | Grass | Sm. Square | 4 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| Jim and Helene Musante 444 Yerian Lane Corvallis MT 59828 | (406) 381-8029 | Grass | Sm. Square | 8 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| John Coe 160 Mill Creek Road Hamilton MT 59840 | (406) 961-3397 | Grass | Sm. Square | 68 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |
| Michael Wilder 534 Dutch Hill Road Hamilton MT 59840 | (406) 961-8468 | Grass | Sm. Square | 27 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |

| Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|---|-----------------------|---|------------|----------|
| Michael Wilder 534 Dutch Hill Road Hamilton MT 59840 | (406) 961-8468 | Grass | Sm. Square | 12 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |

| | | | | |
|---|-----------------------|---|------------|---------|
| Mike Ralls 3552 Eastside Hwy Stevensville MT 59870 | (406) 777-5447 | Grass/Alfalfa | Sm. Square | 12 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |

| | | | | |
|---|-----------------------|---|------------|---------|
| Mike Ralls 3552 Eastside Hwy Stevensville MT 59870 | (406) 777-5447 | Grass/Alfalfa | Sm. Square | 36 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |

| | | | | |
|---|-----------------------|--|------------|----------|
| Rex Griffin 230 Hart Bench Road Darby MT 59829 | (406) 821-0247 | Alfalfa | Sm. Square | 100 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|--|-----------------------|---|------------|---------|
| Scott Nelson 620 Fish Hatchery Road Hamilton MT 59840 | (406) 369-3213 | Grass/Alfalfa | Sm. Square | 60 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |

| | | | | |
|--|-----------------------|---|------------|---------|
| Shanda Seymour 3045 Redjou Lane Stevensville MT 59820 | (406) 546-3810 | Grass | Sm. Square | 16 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |

County: Richland

| | | | | |
|--|-----------------------|--|-------|----------|
| Neil Turnbull 15268 County Road 350 Sidney MT 59270 | (406) 787-7199 | Straw | Round | 125 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|---|-----------------------|--|------------|---------|
| Ryan Bell 35056 Hwy 23 Sidney MT 59270 | (406) 480-2377 | Straw | Sm. Square | 50 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|---|-----------------------|--|-------|----------|
| Scott Albin 12281 CR 350 Sidney MT 59270 | (406) 488-3382 | Straw | Round | 145 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|---|-----------------------|--|-------|----------|
| Torben Erikstrup 35216 County Road 128 Sidney MT 59270 | (406) 487-2722 | Straw | Round | 287 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

County: Rosebud

| | | | | |
|--|-----------------------|--|------------|----------|
| Cameron Leonhardt 130 Shiffer Road Forsyth MT 59327 | (406) 351-1472 | Straw | Lg. Square | 260 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|---------------------------|--|-----------------------|--|------------|----------|
| County: Sanders | | | | | |
| | Calvin Pomeranke PO Box 1234 Thompson Falls MT 59873 | (406) 827-3357 | Grass | Sm. Square | 14 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | David Read 191 Lower Lynch Creek Road Plains MT 59859 | (406) 360-5527 | Grass | Sm. Square | 10 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | Drew Stobie 6167 MT Hwy 200 Thompson Falls MT 59873 | (406) 827-3654 | Alfalfa | Round | 80 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | Jim Hanna 3294 MT Hwy 200 Trout Creek MT 59874 | (406) 827-3256 | Grass | Sm. Square | 8 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| County: Stillwater | | | | | |
| | Tim Schaff PO Box 41 Fishtail MT 59028 | (406) 328-4272 | Grass/Alfalfa | Sm. Square | 11 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | Tim Schaff PO Box 41 Fishtail MT 59028 | (406) 328-4272 | Grass/Alfalfa | Sm. Square | 40 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| | Tim Schaff PO Box 41 Fishtail MT 59028 | (406) 328-4272 | Grass/Alfalfa | Sm. Square | 123 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: Yes | | |
| County: Teton | | | | | |
| | Coley Campbell 1980 5th Lane NW Choteau MT 59422 | (406) 590-2900 | Grass/Alfalfa | Sm. Square | 18 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: No | | |
| | Jim Bouma 4 Bellview Road Choteau MT 59422 | (406) 466-5895 | Grass/Alfalfa | Sm. Square | 106 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: No | | |
| | Jim Bouma 4 Bellview Road Choteau MT 59422 | (406) 466-5895 | Grass/Alfalfa | Sm. Square | 106 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: No | | |
| | John Lauver Jr. 399 1st Road South Fort Shaw MT 59443 | (406) 799-4899 | Grass/Alfalfa | Sm. Square | 100 Tons |
| | | | Regionally certified (NAISMA) meets North American Standards: No | | |

| Producer Name | Telephone | Forage Type | Bale Type | Quantity |
|---|-----------------------|---|------------|----------|
| Ken Morris 1081 West Division Fairfield MT 59436 | (406) 467-2038 | Grass/Alfalfa | Sm. Square | 120 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |

| | | | | |
|---|-----------------------|---|------------|--------|
| Larry Brandvold 270 8th Lane NE Fairfield MT 59436 | (406) 467-3115 | Grass/Alfalfa | Sm. Square | 5 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |

| | | | | |
|---|-----------------------|---|------------|---------|
| Larry Brandvold 270 8th Lane NE Fairfield MT 59436 | (406) 467-3115 | Grass/Alfalfa | Sm. Square | 30 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |

| | | | | |
|--|-----------------------|---|------------|---------|
| Mark Hansen 1098 Hwy 408 Fairfield MT 59436 | (406) 467-2601 | Grass/Alfalfa | Sm. Square | 70 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |

| | | | | |
|--|-----------------------|---|------------|---------|
| Mike Hager 871 2nd Road NE Fairfield MT 59436 | (406) 467-2677 | Alfalfa | Sm. Square | 25 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |

| | | | | |
|--|-----------------------|---|------------|----------|
| Mitch Buday 1421 South 2nd Road SW Fairfield MT 59436 | (406) 467-2132 | Grass/Alfalfa | Sm. Square | 135 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: No | | |

| | | | | |
|--|-----------------------|--|------------|---------|
| Robert Camphouse 154 11th Lane Fort Shaw MT 59443 | (406) 467-3115 | Grass/Alfalfa | Sm. Square | 28 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|--|-----------------------|--|------------|----------|
| Robert Camphouse 154 11th Lane Fort Shaw MT 59443 | (406) 467-3115 | Grass/Alfalfa | Sm. Square | 110 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

County: Yellowstone

| | | | | |
|--|-----------------------|--|------------|---------|
| Dan Sloan 2431 Terry Avenue Billings MT 59102 | (406) 839-6289 | Grass | Sm. Square | 25 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |

| | | | | |
|--|-----------------------|--|------------|---------|
| Rick Sukut 1291 West M Road Worden MT 59088 | (406) 860-9259 | Alfalfa | Sm. Square | 20 Tons |
| | | Regionally certified (NAISMA) meets North American Standards: Yes | | |