STATE OF COLORADO

DIVISION OF RECLAMATION, MINING AND SAFETY
Department of Natural Resources

1313 Sherman St., Room 215
Denver, Colorado 80203
Phone: (303) 866-3567
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acs

Non-Conf

July 22, 2008

Mr. Richard Blubaugh
Powertech (USA) Inc.
5575 DTC Parkway, Suite 140
Greenwood Village, CO 80111

RE: Centennial Project, Receipt of Notice of Intent, File No. P-2008-043

Dear Mr. Blubaugh:

The Colorado Division of Reclamation, Mining, and Safety (DRMS) has received your Notice of Intent to Conduct Prospecting (NOI). Our initial review indicates that it is incomplete. Please address the following items at your earliest convenience bearing in mind that if you have not addressed these items within sixty days of the date of this letter the DRMS may terminate this NOI (rule 5.1.3 of the Mineral Rules and Regulations of the Mined Land Reclamation Board).

Section III, item 6 of the NOI indicates that the proposed drill holes may be up to 12 inches in diameter, It is subsequently stated that the proposed exploration boreholes will be 6.5 inches and the proposed monitoring well holes will be 8.75 inches in diameter. The DRMS has used the specific smaller diameters for the purpose of estimating borehole plugging and abandonment costs (see enclosed cost estimate spreadsheets). If you want the flexibility to drill holes up to 12 inches diameter, you must notify the DRMS so that plugging and abandonment costs can be re-estimated and the correct amount for the reclamation bond can be established.

DRMS has implemented changes to the Mined Land Reclamation Act relative to confidentiality of NOIs since Senate Bill 2008-228 (SB-228) was enacted on June 2, 2008. Until rule making for SB-228 is complete, it is anticipated that there will be some difficulties trying to tailor pre-SB-228 forms and procedures to the new law. One of these affects section IV, item 2 of your NOI requiring you to provide a description of the native vegetation in the areas to be disturbed by prospecting activities. DRMS recognizes that the NOI form states that you are allowed to use color photographs in lieu of written descriptions, and that you have provided color photographs (as well as a general written description) in the confidential section of the NOI. DRMS further recognizes that the color photographs can be designated confidential as they may disclose proposed drilling and thus mineral deposit location information. However, vegetation description information may not be confidential under the terms of SB-228. Therefore, you must either provide photographs that can be part of the public NOI file or a written description of the vegetation, or a combination of both. Be advised that the photographs and general vegetation description that have thus far been provided in the confidential portion of the NOI are insufficient. In your forthcoming submittal, please provide photos and/or descriptions of tree shrub and grass communities that identify plant species in the affected areas. This will facilitate review of your proposed revegetation plan. You may wish to contact the Natural Resource Conservation Service and/or the local Soil Conservation District for assistance with the plant descriptions.

You have placed the details of the proposed ground water monitoring wells in the confidential section of the NOI. Please provide your reasoning and rationale, in terms of SB-228, for excluding this information from the public record. The DRMS is sending you a review of the NOI's confidential portions under separate cover. That review will not be placed in the public record at this time, but depending on your rationale relative to confidentially of the monitoring wells, portions of the DRMS separate review may be placed into the public record at a future date. In accordance with SB-228, you will be notified in advance of information DRMS intends to transfer from the confidential file into the public record, and have the opportunity to appeal the DRMS determination to the Mined Land Reclamation Board prior to the transfer.

Section III, item 3 of the NOI states that approximately 52.2 cubic yards of earth will be moved in the conduct of the proposed prospecting. DRMS has estimated that 170 bank cubic yards of material will be excavated from the proposed mud pits based on the mud pit sizing information provided in section III, item 6 of the NOI. The 170 cubic yard amount was used by DRMS in estimating earth moving costs for reclamation. Please provide an explanation of the derivation of the 52.5 cubic yard amount or agree to the larger amount determined by DRMS.

The NOI proposes to seal the upper portions of the holes using bentonite chips. In accordance with rule 5.4.2(5), the DRMS will instead require that the upper ten feet of each hole be filled with Portland cement grout. Since the lands to be drilled at least have the potential to be cropped, DRMS will require that any casing be cut off and removed and that the top of the cement plugs be completed three feet below ground surface, with the upper three feet backfilled with native soil and mounded. DRMS has incorporated the cement plugging into the estimated reclamation costs.

DRMS requires that Powertech commit to the following procedure and requirement for this NOI:

The surface of the backfilled mud pits will not exceed the following limits:

1. The concentration of radium-226 or radium-228 in soil may not exceed the background level by more than 5 picocuries per gram (pCi/g) or 0.185 becquerels per gram (Bq/g), averaged over the first 15 centimeters (cm) of soil below the surface; and
2. The concentration of natural uranium in soil, with no radioactive decay products present may not exceed the background level by more than 30 pCi/g or 1.11 Bq/g, averaged over the top 15 cm of soil below the surface; and 150 pCi/g or 5.55 Bq/g, average concentration at depths greater than 15 cm below the surface, so that no individual member of the public will receive an effective dose equivalent in excess of 100 mrem per year or 1 millisievert (mSv) per year.

The DRMS will require test results demonstrating that these limits have not been exceeded; the tests are to be conducted during or immediately following the reclamation of the mud pits. If these limits are exceeded, DRMS may require appropriate off site disposal of mud pit contents.

DRMS has estimated the costs to reclaim your proposed prospecting disturbances, including plugging and abandonment of all drill holes, at $55,000.00 (see enclosed reclamation cost estimate). Bond in this amount must be provided. Prospecting bond forms are available online at http://mining.state.co.us/ProspectingForms.htm. You may not commence prospecting operations until the

bond has been submitted and you have been notified in writing that the bond has been accepted by the DRMS. Please note that costs to plug and abandon the proposed ground water monitoring wells have been included in the estimate as discussed in the separate DRMS review of the confidential portions of the NOI. Further note that the estimated costs may change depending on your responses to this and to the confidential review letter.

In accordance with rule 5.7, you must file hole abandonment, and in the case of the monitoring wells hole completion reports with the DRMS. An abandonment form is available online via the link provided above. If you believe that any of the information to be included in these reports may be held confidential under SB-228, then provide complete reports for the confidential file, and separate reports with confidential information redacted for the public file. If you believe that any of the information you provide in response to this letter is confidential under SB-228, please place that information on sheets separate from the public information and clearly mark those sheets as confidential.

If you have any questions, please contact me at 303-866-4063.

Sincerely,

Allen C. Sorenson
Reclamation Specialist

enclosure(s)

cc: Michael Beshore, Powertech, via email and w/ enclosures

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COST SUMMARY FORM

PROJECT IDENTIFICATION

Date : 22-Jul-2008 | Permit or job no. : **P-2008-043** | Site : Centennial Project

User : ACS | Abbreviation : none | State : Colorado

Filename : P043-000 | County : Weld

Agency or organization name : Colorado Division Of Reclamation, Mining, And Safety

Permit or job action : New Prospecting Notice

TASK LIST (DIRECT COSTS)

NO.	TASK DESCRIPTION	FORM USED	FLEET SIZE	TASK HOURS	DIRECT COST
001	-Mobilize/demobilize equipment	mobilize	4	6.43	$1,212
002	-Plug and abandon bore holes	borehole	1	78.00	$40,212
003	-Backfill and replace topsoil in mud pits	excavate	1	4.08	$290
03a	-Equipment travel between mud pits	NA	1	10.00	$710
004	-Seed mud pits and drill pads	revege	1	20.00	$2,163

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EQUIPMENT MOBILIZATION / DEMOBILIZATION

PROJECT IDENTIFICATION

Agency or organization name : *Colorado Division Of Reclamation, Mining, And Safety*

Task # : ***001*** State : *Colorado* Permit/job # : ***P-2008-043***

Date : *07/22/2008* County : *Weld* Abbreviation : *none*

User : *ACS* Site : *Centennial Project* Filename : *P043-001*

Permit or other job action : *New Prospecting Notice*

Task description : ***Mobilize and demobilize equipment needed for reclamation***

EQUIPMENT TRANSPORT RIG COST

Shift basis : *1 per day*

Cost data source : *CRG Data*

Truck tractor description : *Generic on-highway truck tractor, 6x4, diesel powered, 400 HP (2nd half, 2006)*

Truck trailer description : *Generic folding gooseneck, drop deck equipment trailer (25T, 50T, and 100T)*

Cost Breakdown :	Available rig capacities :	0-25 Tons	26-50 Tons	51+ Tons
	Ownership cost/hour :	*$16.63*	*$18.37*	*$22.33*
	Operating cost/hour :	*$44.38*	*$46.13*	*$50.07*
	Operator cost/hour :	*$27.66*	*$27.66*	*$27.66*
	Helper cost/hour :	*$0.00*	*$25.39*	*$25.39*
	Total Unit Cost/hour :	*$88.67*	*$117.55*	*$125.45*

NON-ROADABLE EQUIPMENT

Machine Description	Weight/unit (Tons)	Ownership Cost/hr/unit	Haul Rig Cost/hr/unit	Fleet Size (No. units)	Haul Trip Cost/hr/fleet	Return Trip Cost/hr/fleet	DOT permit Cost/fleet
-Cat 311C U	*13.16*	*$17.55*	*$88.67*	*1*	*$106.22*	*$88.67*	*$0.00*
				Subtotals :	***$106.22***	***$88.67***	***$0.00***

ROADABLE EQUIPMENT

Machine Description	Total Cost/hour/unit	Fleet Size (No. units)	Haul Trip Cost/hr/fleet	Return Trip Cost/hr/fleet
-Drill Rig	*$244.00*	*1*	*$244.00*	*$244.00*
-Light Duty Pickup, 4x4, 1 T. Crew	*$41.06*	*2*	*$82.12*	*$82.12*
		Subtotals :	***$326.12***	***$326.12***

EQUIPMENT HAUL DISTANCE and TIME

Transportation Cycle Time :	Non-Roadable Equipment	Roadable Equipment
Haul time (hours) =	*0.86*	*0.86*
Return time (hours) =	*0.86*	*0.86*
Loading time (hours) =	*0.75*	NA
Unloading time (hours) =	*0.75*	NA
Subtotals =	*3.21*	*1.71*

Nearest major city or town within project area region : *Fort Collins*

Total one-way travel distance : *30.0* miles

Average travel speed : *35.0* mph

Total non-roadable mob/demob cost * : *$652.78*

* two round trips with haul rig

Total roadable mob/demob cost ** : *$559.07*

** one round trip, no haul rig

JOB TIME AND COST

Total job time : ***6.43*** hours

Total job cost : ***$1,212***

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BOREHOLE SEALING WORK

PROJECT IDENTIFICATION

Task # : ***002*** State : *Colorado* Permit/job # : ***P-2008-043***

Date : *07/22/2008* County : *Weld* Abbreviation : *none*

User : *ACS* Site : *Centennial Project* Filename : *P043-002*

Agency or organization name : *Colorado Division Of Reclamation, Mining, And Safety*

Permit or other job action : *New Prospecting Notice*

Task description : ***Plug and abandon bore holes***

UNIT COSTS Equipment cost data source : *NA* Shift basis : *NA*

BOREHOLE DESCRIPTION	SEALING ITEM / METHOD	DIAMETER	LENGTH	QUANTITY	UNIT	UNIT COST	TOTAL COST
Hours per hole rig time							
includes set up, break down,							
and rig travel between holes.							
-6 holes, 500-650 feet deep	*Drill rig and crew*	*6.5*	*NA*	*54.00*	*HRS*	*$435.00*	*$23,490.00*
at 9 hours per hole							
-1 hole, 900 feet deep	*Drill rig and crew*	*6.5*	*900*	*12.00*	*HRS*	*$435.00*	*$5,220.00*
-1 hole 300 feet deep	*Drill rig and crew*	*6.5*	*300*	*5.00*	*HRS*	*$435.00*	*$2,175.00*
-2 holes, 160 feet deep	*Drill rig and crew*	*8.75*	*160*	*7.00*	*HRS*	*$435.00*	*$3,045.00*
at 3.5 hours per hole							
-8 holes 6.5" diameter	*Bentonite, 16 lb. per ft.*	*6.5*	*4530*	*1,043.88*	*CF*	*$5.11*	*$5,334.23*
-2 holes 8.75" diameter	*Bentonite, 29 lb. per ft.*	*8.75*	*300*	*125.28*	*CF*	*$5.11*	*$640.18*
-8 holes 6.5" diameter	*Portland cement grout*	*6.5*	*80*	*18.44*	*CF*	*$11.50*	*$212.06*
-2 holes 8.75" diameter	*Portland cement grout*	*8.75*	*20*	*8.35*	*CF*	*$11.50*	*$96.02*

JOB COST Total Cost : ***$40,212***

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HYDRAULIC EXCAVATOR WORK

PROJECT IDENTIFICATION

Task # : ***003*** State : *Colorado* Permit/job # : ***P-2008-043***
Date : *07/22/2008* County : *Weld* Abbreviation : *none*
User : *ACS* Site : *Centennial Project* Filename : *P043-003*

Agency or organization name : *Colorado Division Of Reclamation, Mining, And Safety*
Permit or other job action : *New Prospecting Notice*
Task description : ***Backfill and replace topsoil in mud pits***

HOURLY EQUIPMENT COST

Machine description : *Cat 311C U* Horsepower : *79*
Weight (MT) : *11.94*

Cost Breakdown :		Utilization %
Ownership cost/hour :	*$17.55*	NA
Operating cost/hour :	*$20.47*	*100*
Operator cost/hour :	*$32.96*	NA
Total unit cost/hour :	*$70.99*	

Shift basis : *1 per day*
Data source : *(CRG)*
Total fleet cost/hour : ***$70.99***

MATERIAL QUANTITIES

Initial volume : *170* BCY Swell factor : *1.250* Loose volume : ***212*** LCY

Source of estimated volume : *10 pits @ 5' x 15' x 6'*
Source of estimated swell factor : *Swell table, earth dry packed*

HOURLY PRODUCTION

Excavator Cycle Time (load bucket, swing loaded, dump bucket, swing empty)

Basic job condition description : *SEVERE*
Secondary job condition within basic description : *SEVERE*
Cycle time value : *0.33* minutes

Bucket Capacity

Rated bucket capacity : *0.68* LCY (heaped) Bucket size class : *medium*
Bucket fill factor : *0.50* *USER-PROVIDED BUCKET FILL FACTOR*
Adjusted bucket capacity : *0.34* LCY

Job Condition Correction Factors

				Source
Site altitude :	*5,000* feet	Altitude adjustment :	*1.00*	*(Cat HB)*
		Job efficiency adjustment :	*0.83*	*(1 shift/day)*
		Net job correction :	*0.83*	multiplier

Unadjusted hourly unit production : *62.77* LCY/hour
Adjusted hourly unit production : *52.10* LCY/hour
Adjusted hourly fleet production : ***52.10*** LCY/hour

JOB TIME AND COST

Fleet size : *1* excavator(s) Total job time : ***4.08*** hours
Unit cost : *$1.363* per LCY Total job cost : ***$290***

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HYDRAULIC EXCAVATOR COST AND PERFORMANCE DATA WORKSHEET

Machine make and model : *Cat 311C U*

DATA SOURCES :

Base costs : Cost Reference Guide (CRG)

Operator costs : *Colorado Department of Transportation*

Labor overhead : *Colorado Department of Transportation*

Specifications : Caterpillar Performance Handbook

CRG data update : *Second Half, 2007*

Labor data update : *04-06-07*

BASE COSTS (CRG data)	Ownership Costs			Overhaul and Operating Costs							
				Overhaul		Field Repair					
	Depreciation	CFC	Overhead	Labor	Parts	Labor	Parts	Fuel	Lube	Tires	G.E.C.
Machine :	*$7.36*	*$2.13*	*$1.99*	*$3.22*	*$2.51*	*$3.92*	*$2.57*	*$7.65*	*$1.76*	*$0.00*	*$0.41*
Attachment no. 1 :	*$0.00*	*$0.00*	*$0.00*	*$0.00*	*$0.00*	*$0.00*	*$0.00*	*$0.00*	*$0.00*	*$0.00*	*$0.00*
Attachment no. 2 :	*$0.00*	*$0.00*	*$0.00*	*$0.00*	*$0.00*	*$0.00*	*$0.00*	*$0.00*	*$0.00*	*$0.00*	*$0.00*

COST ADJUSTMENT FACTORS

Factor Description	Base Value	Adj. Value	Multiplier
Acquisition cost :	*$116,309.00*	*$90,545.28*	*0.778*
Economic life hours - Excavator :	*8,300*	*8,300*	*1.000*
-Attachment no. 1 :	*NA*	*NA*	*1.000*
-Attachment no. 2 :	*NA*	*NA*	*1.000*
Annual use hours :	*2,112*	*1,185*	*1.782*
Mechanic's labor cost :	*$42.50*	*$33.15*	*0.780*
Fuel cost per gal. -gasoline :	*$2.56*	*$2.56*	*1.000*
-diesel :	*$2.69*	*$2.69*	*1.000*
Lube cost :	*$1.50*	*$1.50*	*1.000*
Tire life hours :	*NA*	*NA*	*1.000*
Tire factor :	*NA*	*NA*	*1.000*
Tire cost :	*NA*	*NA*	*1.000*

ACQUISITION COST BREAKDOWN

Cost Elements		Factor	Adj. Cost
Base purchase price :			*$116,309.00*
Less dealer discount * :		*0.093*	*$10,874.89*
Plus freight * :		*0.022*	*$2,616.95*
Plus dealer charges :		*0.005*	*$581.54*
* 2005 CECG (guide discontinued at end of 2005)			
Adjusted purchase price :			*$108,632.61*
Plus taxes:	State Sales @ 2.9%	*0.029*	*$3,150.35*
	SMM @ 2% (rental only)	*0.000*	*$0.00*
Less tire cost :			*$0.00*
Less salvage value * :		*0.196*	*$21,237.67*
	Net acquisition cost :		*$90,545.28*

ADJUSTED COSTS	Ownership Costs			Overhaul and Operating Costs							
				Overhaul		Field Repair					
	Depreciation	CFC	Overhead	Labor	Parts	Labor	Parts	Fuel	Lube	Tires	G.E.C.
Acquisition cost :	*$5.73*	*NA*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Economic life - Excavator/ROPS :	*$5.73*	*NA*	NA	*$3.22*	*$2.51*	*$3.92*	*$2.57*	NA	NA	NA	NA
- Attachment no. 2 :	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	NA	NA	NA	NA
Annual usage :	*$10.21*	*$3.80*	*$3.55*	NA	NA	NA	NA	NA	NA	NA	NA
Double shifts :	*$7.66*	*$1.90*	*$1.77*	NA	NA	NA	NA	NA	NA	NA	NA
Triple shifts :	*$6.81*	*$1.26*	*$1.18*	NA	NA	NA	NA	NA	NA	NA	NA
Mechanic Labor - Excavator/ROPS :	NA	NA	NA	*$2.51*	NA	*$3.06*	NA	NA	NA	NA	NA
-Attachment no. 2 :	NA	NA	NA	*NA*	NA	*NA*	NA	NA	NA	NA	NA
Fuel/lube - Excavator :	NA	NA	NA	NA	NA	NA	NA	*$7.65*	*$1.76*	*$0.00*	*$0.41*
-Attachment no. 2 :	NA	NA	NA	NA	NA	NA	NA	*NA*	*NA*	*NA*	*NA*

ADJUSTED COST SUBTOTALS	Ownership Costs			Overhaul and Operating Costs							
				Overhaul		Field Repair					
	Depreciation	CFC	Overhead	Labor	Parts	Labor	Parts	Fuel	Lube	Tires	G.E.C.
Excavator and ROPS :				Excavator and ROPS :							
Single shifts :	*$10.21*	*$3.80*	*$3.55*	*$2.51*	*$2.51*	*$3.06*	*$2.57*	*$7.65*	*$1.76*	*$0.00*	*$0.41*
Double shifts :	*$7.66*	*$1.90*	*$1.77*	Attachment no. 2 :							
Triple shifts :	*$6.81*	*$1.26*	*$1.18*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*

HOURLY OPERATOR WAGES	Base Rate	Fringe Benefits	F.I.C.A 7.65%	Unempl. 6.20%	Wk. Comp. 9.80%	Total ($/hr)	Shift Differential		Colorado Labor Zone :	1
Excavator - under .75cy	*$20.82*	*$7.22*	*$1.59*	*$1.29*	*$2.04*	*$32.96*	Day :	*$0.00*	Two shift per day average :	*$0.15*
Excavator -.75cy and over	*$20.82*	*$7.22*	*$1.59*	*$1.29*	*$2.04*	*$32.96*	Swing :	*$0.30*	Three shift per day average :	*$0.25*
Mechanic	*$20.97*	*$7.22*	*$1.60*	*$1.30*	*$2.06*	*$33.15*	Night :	*$0.45*		

HOURLY EQUIPMENT COST SUMMARY	Ownership	Operating and Overhaul		Operator	Total Cost/hr ($)
		Machine	Attachments		
Single shifts :	*$17.55*	*$20.47*	*NA*	*$32.96*	*$70.99*
Double shifts :	*$11.33*	*$20.47*	*NA*	*$33.11*	*$64.91*
Triple shifts :	*$9.25*	*$20.47*	*NA*	*$33.21*	*$62.94*

EQUIPMENT PERFORMANCE DATA										
Machine description	Weight (UST)	Weight (MT)	Machine length (ft)	Machine width (ft)	Machine height (ft)	Max. reach at ground level (ft)		Maximum digging depth (ft)	Maximum loading height (ft)	Maximum vert. reach height (ft)
Cat 311C U	*13.16*	*11.94*	*22.67*	*8.17*	*9.00*	*24.83*		*16.50*	*17.92*	*25.58*
Max.lift cap.@ opt.lift pt.(lb)	Max.lift cap.@ max.reach (lb)	Small bucket cap.(cy)	Medium bucket cap.(cy)	Large bucket cap.(cy)		Maximum speed (mph)	Horsepower (fhp)		Fuel type	Chassis type
13,950.00	*2,600.00*	*0.39*	*0.68*	*0.97*		*3.40*	*79*		*Diesel*	*track*

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REVEGETATION WORK

PROJECT IDENTIFICATION

Agency / company name : *Colorado Division Of Reclamation, Mining, And Safety*

Task no. : ***004*** | State : *Colorado* | Permit/job no. : ***P-2008-043***

Date : *22-Jul-2008* | County : *Weld* | Abbreviation : *none*

User : *ACS* | Site name : *Centennial Project* | Filename : *P043-004*

Permit or other job action : *New Prospecting Notice*

Task description : ***Seed mud pits and drill pads***

FERTILIZING		DESCRIPTION (data source)	UNITS / ACRE	UNIT	COST / UNIT	COST / ACRE
Materials	- item no. 1 :	*No fertilizer or amendments required*				
	- item no. 2 :					
	- item no. 3 :					
					TOTAL FERTILIZER MATERIALS COST / ACRE :	***$0.00***
Application	- method no. 1 :	*No fertilizer application required*				
	- method no. 2 :					
					TOTAL FERTILIZER APPLICATION COST / ACRE :	***$0.00***
TILLING	- method no. 1 :	*Hand raking (MEANS 02910 710 0250)*				*$1,001.88*
	- method no. 2 :					
					TOTAL TILLING COST / ACRE :	***$1,001.88***

SEEDING		RATE - PLS	NATIVE OR	WARM / COOL	SEEDS	COST
Seed Mix : COMMON NAME - VARIETY	SCIENTIFIC NAME	LBS / ACRE	INTRODUCED	SEASON	PER SQ. FT.	PLS / ACRE
GRASSES, RUSHES and SEDGES :	* NOTE: Table values on drill seed basis. Totals are doubled if any seeding method other than drill seeding is used.					
Blue Grama - Lovington	*Bouteloua gracilis*	*3.00*	*Native*	*Warm*	*49.0*	*$48.72*
Big Bluestem - Kaw	*Andropogon gerardii*	*11.00*	*Native*	*Warm*	*32.8*	*$192.39*
Little Bluestem - Pastura	*Schizachyrium scoparius*	*7.00*	*Native*	*Warm*	*41.8*	*$122.43*
Western Wheatgrass - Arriba	*Agropyron smithii*	*10.00*	*Native*	*Cool*	*25.3*	*$115.80*
Indiangrass - Cheyenne	*Sorghastrum nutans*	*1.00*	*Native*	*Warm*	*3.0*	*$19.71*

FORBS :

SHRUBS AND TREES (seed) :

*** TOTAL SEEDS / SQ. FT. :** *303.8* *** TOTAL POUNDS PLS / ACRE :** *64.00* *** TOTAL SEED MIX COST / ACRE :** ***$998.10***

Seed application - method : *Broadcast, includes travel between pads* **TOTAL SEED APPLICATION COST / ACRE :** ***$1,000.00***

MULCHING and MISCELLANEOUS	DESCRIPTION (data source)	UNITS / ACRE	UNIT	COST / UNIT	COST / ACRE
Materials - item no. 1 :	*Hay, delivered {DMG survey data}*	*2.00*	*ton*	*$185.60*	*$371.20*
- item no. 2 :					
- item no. 3 :					
- item no. 4 :					
				TOTAL MULCH MATERIALS COST / ACRE :	***$371.20***
Application - method no. 1 :	*Hand spread, 1" deep (MEANS 02910 500 0200)*				*$2,226.40*
- method no. 2 :					
- method no. 3 :					
				TOTAL MULCH APPLICATION COST / ACRE :	***$2,226.40***

NURSERY STOCK PLANTING		TYPE and SIZE	MATERIAL	PLANTING	COST / FERT.	TOTAL	TOTAL
COMMON NAME	NO. / ACRE	(planting cost data source)	COST / PLANT	COST / PLANT	PELLET	COST / PLANT	COST / ACRE
No nursery stock required							
						TOTAL NURSERY STOCK COST / ACRE :	***$0.00***

JOB COST					
No. of acres :	***0.30***	Cost / acre :	***$5,597.58***	**INITIAL JOB COST :**	*$1,701.67*
Estimated failure rate (percent) :	*33.00%*	Cost / acre* :	***$4,595.70***	**RESEEDING JOB COST :**	*$461.04*
* Selected replanting work items :	*S M*			**TOTAL JOB COST :**	***$2,163***