INVITATION TO BID

The State of North Dakota, acting through the North Dakota Industrial Commission, Oil & Gas Division, invites you to submit a bid for the reclamation of the following wells:

See attached list

To be considered, the bid must be on the form provided by the Industrial Commission, which must be fully completed in accordance with the accompanying "INSTRUCTIONS TO BIDDERS," and must be received in the Bismarck office of the Industrial Commission, Oil & Gas Division, no later than <u>3:00 p.m., September 8th, 2021</u>. The Commission may reject any and all bids.

For additional information or blank bid forms, please go to the North Dakota Industrial Commission, Oil & Gas Division home page , <u>https://www.dmr.nd.gov/oilgas/</u> or contact Cody VanderBusch at (701)-328-8020.

INSTRUCTIONS TO BIDDERS

- 1. Form of Bids. Bids must be submitted on the attached bid form.
- 2. <u>Submission of Bids</u>. Bids must be enclosed in a sealed envelope, and the outside of the envelope must have the following on it:

Bid of: <u>(Name of Contractor & Business Address)</u> N.D. Contractor's License No: <u>(No. and Class of License)</u> Date License was Issued or Renewed: ______ ATTN: Mr. Cody VanderBusch

> SEALED BID DO NOT OPEN NDIC Oil & Gas Division 1016 E. Calgary Ave Bismarck, N.D. 58503-5512

- 3. <u>Examination of Site.</u> Prospective bidders may make a visual inspection of the well and well site to ascertain the nature and location of the work and the conditions which can affect the work and its cost. The Commission is not bound by any oral statement concerning the condition of the well or well site made by its staff or agents prior to the execution of the equipment removal contract. Note. If no access is visible, please contact landowner before entering.
- 4. <u>Bidder Qualifications.</u> No contract will be awarded unless: (a.) the bidder holds a current contractor's license in the class within which the value of the project falls issued at least ten days prior to the date set for receiving bids, and the bid envelope contains a copy of the license or a certificate of its renewal issued by the secretary of state (N.D.C.C. §43-07-12); and (b.) the bidder files along with its bid or after being notified that it is the successful bidder, a certificate from the ND State Tax Commissioner that bidder has paid all delinquent income, sales, and use taxes, if any (N.D.C.C. § 43-07-11.1).
- <u>Bid Deadline.</u> All bids are due in the office of the Industrial Commission, Oil and Gas Division, by <u>3:00pm CDT September 8th, 2021</u>. The office is at 1016 E. Calgary Ave., Bismarck, ND. Bids received after this deadline will not be considered.

- 6. <u>Review of Bids.</u> The public opening of the bids will be held at <u>3:00pm CDT September 8th, 2021</u> at the Industrial Commission, Oil and Gas Division, 1016 E. Calgary Ave., Bismarck, ND.
- NOTE: Bid will be awarded as a package, however, bids should be broken down per well and attached to the bid form.
- 7. <u>Withdrawal of Bids.</u> Bids may be withdrawn by bidder's written request received prior to the time set in paragraph 5.
- 8. <u>Rejection of Bids.</u> The Commission may reject any and all bids and may waive any technical or formal defect in a bid.
- 9. <u>Notification of Award.</u> The successful bidder, if any, will be notified of the award of the work within thirty days after the bid opening.
- 10. <u>Contract.</u> The bidder whose bid is accepted must enter into a written contract with the Commission within ten days after the award is made. The contract contains, among other things, provisions requiring the contractor to acquire insurance and provide bonds in the amount of \$150,000 each.
- 11. <u>Cancellation of Award.</u> The Commission may cancel the award of any contract at any time before execution of the contract by all parties without any liability to the Commission.
- 12. <u>Title to Material and Objects on Site.</u> The Commission has title to all confiscated equipment on the well site. Any person who removes confiscated equipment or fluids from a well or well site without permission is subject to a civil penalty, up to \$12,500 per day, to be imposed by the Commission. Any person who willfully violates this section could be guilty of a Class C Felony. Winning contractor will be awarded the confiscated equipment.
- 13. <u>Changes in Specifications.</u> The Commission may, during the bidding period, advise bidders of alterations to any part of the bid. All such changes are included in the work covered by the bid and are a part of the specifications.

deemed appropriate by the Commission.

15. <u>Note</u>. Bidders must ensure they meet and follow all bidder instructions and requirements as indicated in the bidding package.

Reclaim Package 4

This bid should include the full cost to reclaim the well sites and facility sites. 1) contact landowner and go over the reclaim plan. 2) Remove surfacing material from site. 3) Remove contamination down to 4' or to levels of 10,000 ppm with no free product for TPH and Electrical conductivity (EC) of 2000 micro siemens/cm. 4) Recontour the site, rip the site to alleviate compaction, and spread 6 inches of topsoil. 6) Seed with native grass or seed specified by landowner (if tillable no seeding will be needed). Below is the list of sites:

- 5940– Bryan 3 NENE Section 17 161N 91W
- 8916 Ellithorpe 1 NENW Section 8 161N 91W
- 8759 Anderson 3-24 NENW Section 24 162N 92W
- 2701 Raymond Moritz 1 NENW Section 13 162N 92W
- 2756 A.K. Holen 1 NENE Section 13 162N 92W
- 2986 H. Anderson CNW Section 18 162N 91W
- 1511 Pan American-Willie Holte 1 NWSE Section 5 162N 91W
- 1485 Northwest-Willie Holte 1 SESE Section 5 162N 91W
- 10841 Bly 30-11 NESW Section 30 163N 91W
- 10702 En Arnold 28-10 H NESE Section 28 162N 90W

Bid for reclamation of the wells/facilities in package _____:

Attach a page with the cost per well break out

If the bidder's bid is accepted, the Industrial Commission will inform the bidder in writing within thirty days after the bid opening. Within ten days after receipt of such a notice, bidder will appear in the office of the North Dakota Industrial Commission, Oil and Gas Division, and execute the Reclamation Contract. Bidder agrees that if bidder fails to enter into a contract, bidder is liable to the Commission for all expenses incurred by and damages suffered by the Commission as a result of the failure.

Dated this day of 2021.

Name of Bidder

Signature

Business Address

Business Telephone Number

Email Address

BID

LABOR AND MATERIAL PAYMENT BOND

KNOW ALL MEN BY THESE PRESENTS, that we

(Principal), and

, a corporation licensed to do business as a surety under the laws of the State of North Dakota, (Surety), are held and firmly bound unto the State of North Dakota in the full and just sum of _______ AND NO/100 DOLLARS (\$.00), to be paid to the State of North Dakota or its assigns, to which payment we bind ourselves, heirs, executors, administrators, successors and assigns, jointly, severally, firmly by this bond.

WHEREAS, the Principal has entered into a contract with the State of North Dakota, acting by and through the North Dakota Industrial Commission, dated ______ for equipment removal on the following package:

Package ____

WHEREAS, it is one of the conditions of the award of the contract pursuant to statutes that this bond be executed.

NOW THEREFORE, the conditions of this obligation are such that if the Principal shall duly and promptly pay all laborers, mechanics, subcontractors and material men who perform work or furnish material under the contract and all persons who shall supply the Principal or the subcontractor with materials, services, bonds and insurance for the carrying on of the work, then this obligation shall be void; otherwise it shall remain in full force and effect.

The Surety hereby waives notice of any extension of time and any alterations made in the terms of the contract, unless the cumulative cost of such alterations cause the total project cost to exceed the original contract sum by more than 10%.

FOR STATE USE ONLY:	Contractor:	
		Signature
Surety is licensed in ND:		Date
Date verified:	Surety:	
Verified by:		Date
	By:	Attorney-in-fact (Seal and Signature)
		Agency Address

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS, that _____

___ (Principal), and ____

______, a corporation licensed to do business as a surety under the laws of the State of North Dakota, (Surety), are held and firmly bound unto the State of North Dakota in the full and just sum of *AND NO /100 DOLLARS (\$.00)*, to be paid to the State of North Dakota or its assigns, to which payment we bind ourselves, heirs, executors, administrators, successors and assigns, jointly, severally, firmly by this bond.

WHEREAS, the Principal has entered into a contract with the State of North Dakota, acting by and through the North Dakota Industrial Commission, dated ______ for equipment removal of the following package:

Package _____

WHEREAS, it is one of the conditions of the award of the contract pursuant to statutes that this bond be executed.

NOW THEREFORE, the conditions of this obligation are such that if the above Principal shall promptly and faithfully perform all of the provisions of the contract, and all obligations thereunder including the specifications, and any alterations provided for, and shall in a manner satisfactory to the State of North Dakota, complete the work contracted for including any alterations, and shall hold harmless the State of North Dakota from any expense incurred through the failure of the Principal to complete the work as specified, then this obligation shall be void; otherwise it shall remain in full force and effect.

The surety hereby waives notice of any extension of time and any alterations made in the terms of the contract, unless the cumulative cost of such alterations cause the total project cost to exceed the original contract sum by more than 10%.

FOR STATE USE ONLY:	Contractor:	
		Signature
Surety is licensed in ND:		Date
Date verified:	Surety:	
Verified by:		Date
	By:	Attorney-in-fact (Seal and Signature)
		Agency
		Address

WELL RECLAMATION CONTRACT

The parties to this contract are the State of North Dakota, acting through the North Dakota Industrial Commission, Department of Mineral Resources, Oil and Gas Division, (COMMISSION) and [contractor's legal name and address] (CONTRACTOR);

Ι

SCOPE OF SERVICES

CONTRACTOR, in exchange for the compensation paid by COMMISSION, shall provide all materials and labor necessary for and shall perform the work described in the Reclamation Specifications, attached hereto as Exhibit A and incorporated into this contract, for the following well package:

See attach list of wells

II TIME FOR COMPLETION

CONTRACTOR shall complete the work under this contract within ninety days after the effective date of this contract. There is an urgency by the Commission to get the work done in a timely and effective manner.

III

COMPENSATION

COMMISSION will pay the CONTRACTOR for the services provided under this contract an amount notto exceed ______Dollars (\$_____.00), to be paid within thirty days after COMMISSION has accepted the work. If COMMISSION determines, in its sole discretion, that the well cannot be removed according to the Reclamation Specifications attached hereto as Exibit A, COMMISSION may modify the Reclamation Specifications to insure the well site is properly reclaimed by CONTRACTOR. If such modifications result in increased material and labor costs, CONTRACTOR's compensation will be increased by an amount equal to the usual and customary charges as determined by COMMISSION, for the additional material and labor. In the case where such modifications result in decreased material and labor costs, CONTRACTOR's compensation will be decreased by an amount based on the usual and customary changes relative to the material and labor expenses, as determined by COMMISSION.

IV

CONTRACT DOCUMENTS

The contract documents that accompany this contract are the Invitation to Bid, Instructions to Bidder, Bid Form, Reclamation Specifications and Contractor's Performance Bond and Labor and Materials Payment Bond and are incorporated as part of the contract. In the event of any inconsistency or conflict among the documents making up this contract, the terms of the contract shall control.

LIABILITY AND INDEMNITY

CONTRACTOR agrees to defend, indemnify, and hold harmless the state of North Dakota, its agencies, officers and employees (State), from claims resulting from the performance of CONTRACTOR or its agent, including all costs, expenses and attorneys' fees, which may in any manner result from or arise out of this contract, except claims based upon the State's sole negligence or intentional misconduct. The legal defense provided by CONTRACTOR to the State under this provision must be free of any conflicts of interest, even if retention of separate legal counsel for the State is necessary. Any attorney appoints to represent the State must first qualify as and be appointed by the North Dakota Attorney General as a Special Assistant Attorney General as required under N.D.C.C. § 54-12-08. CONTRACTOR also agrees to reimburse the State for all costs, expenses and attorneys' fees incurred in establishing and litigating the indemnification coverage provided herein. This obligation shall continue after the termination of this agreement.

VI

INSURANCE

CONTRACTOR shall secure and keep in force during the term of this agreement and CONTRACTOR shall require all subcontractors, prior to commencement of an agreement between CONTRACTOR and the subcontractor, to secure and keep in force during the term of this agreement, from insurance companies, government self-insurance pools, or government selfretention funds authorized to do business in North Dakota, the following insurance coverage:

- 1) Commercial general liability, including premises or operations, contractual, and products or completed operations coverages (if applicable), with minimum liability limits of \$1,000,000 per occurrence.
- 2) Automobile liability, including Owned (if any), Hired, and Non-Owned automobiles, with minimum liability limits of \$250,000 per person and \$1,000,000 per occurrence.
- 3) Workers compensation coverage meeting all statutory requirements. The policy shall provide coverage for all states of operation that apply to the performance of this contract.
- 4) Employer's liability or "stop gap" insurance of not less than \$1,000,000 as an endorsement on the workers compensation or commercial general liability insurance.
- 5) Contractor's Pollution Liability coverage for Personal Injury, Property Damage and Cleanup Cost arising from pollution conditions caused by the operations of the Contractor for limits of \$1,000,000. Occurrence coverage is preferred but coverage may be provided on a claims-made form that includes a three-year tail coverage endorsement. Coverage shall include contractual liability coverage for claims arising out of liability of subcontractors, loading and unloading, unlimited complete operations, and nonowned disposal site coverage.

The insurance coverages listed above must meet the following additional requirements:

- 1) Any deductible or self-insured retention amount or other similar obligation under the policies shall be the sole responsibility of CONTRACTOR. The amount of any deductible or self-retention is subject to approval by COMMISSION;
- 2) This insurance may be in policy or policies of insurance, primary and excess, including

the so-called umbrella or catastrophe form and must be placed with insurers rated "A-" or better by A.M. Best Company, Inc., provided any excess policy follows form for coverage. Less than an "A-" rating must be approved by the COMMISSION. The policies shall be in form and terms approved by COMMISSION.

- 3) COMMISSION will be defended, indemnified, and held harmless to the full extent of any coverage actually secured by CONTRACTOR in excess of the minimum requirements set forth above. The duty to indemnify COMMISSION under this agreement shall not be limited by the insurance required by this agreement.
- 4) The State of North Dakota and its agencies, officers, and employees (State) shall be endorsed on the commercial general liability policy, including any excess policies (to the extent applicable), as additional insured. The State shall have all the benefits, rights, and coverage of an additional insured under these policies that shall not be limited to the minimum limits of insurance required by this agreement or by the contractual indemnity obligations of the Contractor.
- 5) The insurance required in this agreement, through a policy or endorsement, shall include:
 - a) A "Waiver of Subrogation" waiving any right to recovery the insurance company may have against the State;
 - b) A provision that CONTRACTOR's insurance coverage shall be primary (i.e. pay first) as respects any insurance, self-insurance, or self-retention maintained by the State and that any insurance, self-insurance, or self-retention maintained by the State shall be in excess of the CONTRACTOR's insurance and shall not contribute with it;
 - c) Cross liability/severability of interest for all policies and endorsements;
 - d) The legal defense provided to the State under the policy and any endorsements must be free of any conflicts of interest, even if retention of separate legal counsel for the State is necessary; and
 - e) The insolvency or bankruptcy of the insured CONTRACTOR shall not release the insurer from payment under the policy, even when such insolvency or bankruptcy prevents the insured CONTRACTOR from meeting the retention limit under the policy.
- 6) CONTRACTOR shall furnish a certificate of insurance to the undersigned State representative prior to commencement of this agreement. All endorsements shall be provided as soon as practicable.
- 7) Failure to provide insurance as required in this contract is a material breach of contract entitling COMMISSION to terminate this contract immediately.
- 8) CONTRACTOR shall provide at least 30 day notice of any cancellation or material change to the polices or endorsements. Contractor shall provide on an ongoing basis, current certificates of insurance during the term of the contract. A renewal certificate will be provided 10 days prior to coverage expiration.

MERGER AND MODIFICATION

This contract, including the incorporated documents, constitutes the entire agreement between the parties. There are no understandings, agreements, or representations, oral or written, not specified with in this contract. This contract may not be modified, supplemented, or amended in any manner, except by written agreement signed by both parties.

VIII

ASSIGNMENT AND SUBCONTRACTS

CONTRACTOR may not assign or otherwise transfer or delegate any right or duty under this contract without COMMISSION's written consent, provided, however, that CONTRACTOR may enter into subcontracts provided that any subcontract acknowledges the binding nature of this contract and incorporates this contract, including any attachments. CONTRACTOR is solely responsible for the performance of any subcontractor. CONTRACTOR has no authority to contract for or incur obligations on behalf of STATE.

IX

ATTORNEYS' FEES

In the event a lawsuit is brought by COMMISSION to obtain performance due under this contract, and COMMISSION is the prevailing party, CONTRACTOR shall, except when prohibited by N.D.C.C. § 28-26-04, pay COMMISSION's reasonable attorney fees and costs in connection to the lawsuit.

Х

APPLICABLE LAW AND VENUE

This contract is governed by and construed in accordance with the laws of the State of North Dakota. Any action to enforce this contract must be adjudicated in the state District Court of Burleigh County, North Dakota. Each party consents to the exclusive jurisdiction of such court and waives any claim of lack of jurisdiction or *forum non conveniens*.

XI

INDEPENDENT ENTITY

CONTRACTOR is an independent entity under this contract and is not a COMMISSION employee for any purpose, including application of the Social Security Act, the Fair Labor Standards Act, the Federal Insurance Contribution Act, the North Dakota Unemployment Compensation Law, and the North Dakota Workforce Safety and Insurance Act. No part of this contract shall be construed to represent the creation of an employer/employee relationship. CONTRACTOR retains sole and absolute discretion in the manner and means of carrying out CONTRACTOR's activities and responsibilities under this contract, except to the extent specified in this contract.

XII

NONDISCRIMINATION AND COMPLIANCE WITH LAWS

CONTRACTOR agrees to comply with all applicable federal and state laws, rules, and policies, including but not limited to, those relating to nondiscrimination, accessibility, and civil rights (*See* N.D.C.C. Title 34 – Labor and Employment, specifically N.D.C.C. ch. 34-06.1 Equal Pay for Men and Women).

CONTRACTOR agrees to timely file all required reports, make required payroll

deductions, and timely pay all taxes and premiums owed, including sales and use taxes, unemployment compensation, and workers' compensation premiums.

CONTRACTOR shall have and keep current at all times during the term of this contract all licenses and permits required by law.

CONTRACTOR's failure to comply with this section may be deemed a material breach by CONTRACTOR entitling the COMMISSION to terminate in accordance with the Termination for Cause section of this Contract.

XIII

SEVERABILITY

If any term of this agreement is declared to be illegal or unenforceable by a court having competent jurisdiction, the validity of the remaining terms are unaffected, and if possible, the rights and obligations of the parties are to be construed and enforced as if the contract did not contain that term.

XIV

STATE AUDIT

All records, regardless of physical form, and the accounting practices and procedures of CONTRACTOR relevant to this contract are subject to examination by the North Dakota State Auditor, the Auditor's designee, or Federal auditors, if required. CONTRACTOR will maintain all of these records for at least three years (3) following completion of this contract and be able to provide them upon reasonable notice. The COMMISSION, State Auditor, or Auditor's designee shall provide reasonable notice to CONTRACTOR prior to conducting examination.

XV

SPOLIATION - PRESERVATION OF EVIDENCE

CONTRACTOR shall promptly notify COMMISSION of all potential claims that arise from or result from this contract. CONTRACTOR shall take all reasonable steps to preserve all physical evidence and information which may be relevant to the circumstances surrounding a potential claim, while maintaining public safety, and grants to COMMISSION the opportunity to review and inspect such evidence, including the scene of the accident.

XVI TERMINATION OF CONTRACT

- a. Termination by Mutual Consent. This contract may be terminated by mutual consent of both parties executed in writing.
- b. Early Termination in the Public Interest. COMMISSION is entering into this contract for the purpose of carrying out the public policy of the state of North Dakota, as determined by the Governor, Legislative Assembly, agencies and courts. If this contract ceases to further the public policy of the state of North Dakota, COMMISSION, in its sole discretion, by written notice to CONTRACTOR, may terminate this contract in whole or in part.
- c. Termination for Lack of Funding or Authority. COMMISSION, by written notice to CONTRACTOR, may terminate in whole or any part of this contract, under any of the following conditions:
 - (1) If funding from federal, state, or other sources is not obtained and continued at levels

sufficient to allow for purchase of the services or supplies in the indicated quantities or term.

- (2) If federal or state laws or rules are modified or interpreted in a way that the services are no longer allowable or appropriate for purchase under this contract or are no longer eligible for the funding proposed for payments authorized by this contract.
- (3) If any license, permit, or certificate required by law or rule, or by the terms of this contract, is for any reason denied, revoked, suspended, or not renewed.

Termination of this contract under this subsection is without prejudice to any obligations or liabilities of either party already accrued prior to termination.

- d. Termination for Cause. COMMISSION may terminate this contract effective upon delivery of written notice to CONTRACTOR, or any later date stated in the notice:
 - (1) If CONTRACTOR fails to provide services required by this contract within the time specified or any extension agreed to by COMMISSION; or
 - (2) If CONTRACTOR fails to perform any of the other provisions of this contract, or so fails to pursue the work as to endanger performance of this contract in accordance with its terms.

The rights and remedies of COMMISSION provided in this subsection are not exclusive and are in addition to any other rights and remedies provided by law or under this contract.

XVII NOTICE

All notices or other communications required under this contract shall be given by registered or certified mail and are complete on the date postmarked when addressed to the parties at the following addresses:

_____ or _____

Notice provided under this provision does not meet the notice requirements for monetary claims against the state found at N.D.C.C. § 32-12.2-04.

XIII TAXPAYER ID

CONTRACTOR's North Dakota tax ID number is: ______ CONTRACTOR's federal employer ID number is: ______

XIV

PAYMENT OF TAXES BY COMMISSION

COMMISSION is not responsible for and will not pay local, state, or federal taxes. State sales tax exemption number is E-2001. COMMISSION will furnish certificates of exemption upon request by the CONTRACTOR.

XX

EFFECTIVENESS OF CONTRACT

This contract is not effective until fully executed by both parties. If the dates of execution are different, then the later date of execution is the effective date.

XXI

FORCE MAJEURE

Neither party shall be held responsible for delay or default caused by fire, flood, riot, terrorism, acts of God, or war if the event is beyond the party's reasonable control and the affected party gives notice to the other party promptly upon occurrence of the event causing the delay or default or that is reasonably expected to cause a delay or default.

XXII

RENEWAL

This contract will not automatically renew. If COMMISSION desires to renew, COMMISSION will provide written notice to CONTRACTOR of its intent to renew this contract at least 60 days before the scheduled termination date.

XXIII

ALTERNATIVE DISPUTE RESOLUTION - JURY TRIAL

By entering into this contract, COMMISSION does not agree to binding arbitration, mediation, or other forms of mandatory Alternative Dispute Resolution. The parties may enforce their rights and remedies in judicial proceedings. COMMISSION does not waive any right to a jury trial.

XXIV

CONFIDENTIALITY

CONTRACTOR shall not use or disclose any information it receives from COMMISSION under this contract that COMMISSION has previously identified as confidential or exempt from mandatory public disclosure except as necessary to carry out the purposes of this contract or as authorized in advance by COMMISSION. COMMISSION shall not disclose any information it receives from CONTRACTOR that CONTRACTOR has previously identified as confidential and that COMMISSION determines, in its sole discretion, is protected from mandatory public disclosure under a specific exception to the North Dakota open records law, N.D.C.C. ch. 44-04. The duty of COMMISSION and CONTRACTOR to maintain confidentiality of information under this section continues beyond the term of this contract.

XXV

COMPLIANCE WITH PUBLIC RECORDS LAWS

CONTRACTOR understands that, in accordance with the Contract's Confidentiality clause, COMMISSION must disclose to the public upon request any records it receives from CONTRACTOR. CONTRACTOR further understands that any records that are obtained or generated by CONTRACTOR under this contract may, under certain circumstances, be open to the public upon request under the North Dakota open records law. CONTRACTOR agrees to contact COMMISSION promptly upon receiving a request for information under the open records law and to comply with STATE'S instructions on how to respond to the request.

XXVI

WORK PRODUCT, EQUIPMENT AND MATERIALS

All work product, equipment, or materials created for COMMISSION or purchased by COMMISSION under this contract belong to COMMISSION and must be immediately delivered to COMMISSION at COMMISSION'S request upon termination of this contract. CONTRACTOR agrees that all work(s) under this contract is "work(s) for hire" within the meaning of the United States Copyright Act (Title 17 United States Code) and hereby assigns to COMMISSION all rights and interests CONTRACTOR may have in the work(s) it prepares under this contract, including any right to derivative use of the work(s). CONTRACTOR shall execute all necessary documents to enable COMMISSION to protect its rights under this section.

STATE OF NORTH DAKOTA Acting through its N.D. Industrial Commission Department of Mineral Resource Oil & Gas Division

By:		
Title:		
DATE:		

CONTRACTOR

By:	
Title:	
DATE:	

NORTH DAKOTA BOARD OF UNIVERSITY & SCHOOL LANDS

Native Grass Seeding Specifications

<u>Species</u>	<u>lbs.</u> PLS*/acre
Western wheatgrass Slender wheatgrass Green needlegrass Side-oats grama	8 5 4 <u>2</u> 19

*PLS - Pure Live Seed (based on 50 PLS/sq. feet)

- 1. The seed bed should be firmly packed (footprints left in the soil should be less than 1/2 inch deep).
- 2. An early spring seeding (before May 24th) is preferred. A dormant fall seeding (after October 20th) is acceptable.
- 3. A cover crop of oats at 10 lbs. PLS/acre must be seeded on the disturbed area.
- 4. A drill designed specifically for native grass seeding will give the best seeding results. The seed should be planted at a depth of 1/2 to 1 inch. Precaution must be taken not to plant the seed too deeply in the soil or poor germination will result.
- 5. On areas where equipment cannot be used, broadcast seed and rake or drag to cover seed. Where seed is broadcast, double the seeding rate.
- 6. Use only North Dakota certified seed.
- **Caution:** Be sure to clean out the drill before seeding to avoid any contamination with smooth brome grass or crested wheatgrass that may remain in the drill from previous use on private land. These are invasive grasses in native prairie and are <u>not</u> allowed on school trust lands. Contamination with or use of crested wheatgrass or smooth brome will result in the applicant being required to spray out the grass and reseed with the above native grass seed mixture. Sweet clover and alfalfa are also not allowed only the above native grass seed mixture may be used for revegetation on school trust land.