



Section 9006

Sample Small Wind Application

Revised

April 2007

This Sample Application is provided by the National Renewable Energy Laboratory to assist applicants in meeting requirements under the Simplified Application Process contained in 7 CFR Part 4280. This sample describes a fictional project and is meant as an example for guidance purposes only. For complete application requirements, applicants should consult the regulation. Further information is available at <http://www.rurdev.usda.gov/rbs/farbill/>. This document is not officially endorsed by USDA.

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BUDGET INFORMATION - Construction Programs

NOTE: Certain Federal assistance programs require additional computations to arrive at the Federal share of project costs eligible for participation. If such is the case, you will be notified.

COST CLASSIFICATION	a. Total Cost	b. Costs Not Allowable for Participation	c. Total Allowable Costs (Columns a-b)
1. Administrative and legal expenses	\$.00	\$.00	\$.00
2. Land, structures, rights-of-way, appraisals, etc.	\$.00	\$.00	\$.00
3. Relocation expenses and payments	\$.00	\$.00	\$.00
4. Architectural and engineering fees	\$.00	\$.00	\$.00
5. Other architectural and engineering fees	\$.00	\$.00	\$.00
6. Project inspection fees	\$.00	\$.00	\$.00
7. Site work	\$.00	\$.00	\$.00
8. Demolition and removal	\$.00	\$.00	\$.00
9. Construction	\$.00	\$.00	\$.00
10. Equipment	\$.00	\$.00	\$.00
11. Miscellaneous	\$.00	\$.00	\$.00
12. SUBTOTAL (sum of lines 1-11)	\$.00	\$.00	\$.00
13. Contingencies	\$.00	\$.00	\$.00
14. SUBTOTAL	\$.00	\$.00	\$.00
15. Project (program) income	\$.00	\$.00	\$.00
16. TOTAL PROJECT COSTS (subtract #15 from #14)	\$.00	\$.00	\$.00
FEDERAL FUNDING			
17. Federal assistance requested, calculate as follows: (Consult Federal agency for Federal percentage share.) Enter the resulting Federal share.			Enter eligible costs from line 16c Multiply X _____% \$.00

ASSURANCES - CONSTRUCTION PROGRAMS

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Office of Management and Budget, Paperwork Reduction Project (0348-0042), Washington, DC 20503.

PLEASE DO NOT RETURN YOUR COMPLETED FORM TO THE OFFICE OF MANAGEMENT AND BUDGET. SEND IT TO THE ADDRESS PROVIDED BY THE SPONSORING AGENCY.

NOTE: Certain of these assurances may not be applicable to your project or program. If you have questions, please contact the Awarding Agency. Further, certain Federal assistance awarding agencies may require applicants to certify to additional assurances. If such is the case, you will be notified.

As the duly authorized representative of the applicant, I certify that the applicant:

1. Has the legal authority to apply for Federal assistance, and the institutional, managerial and financial capability (including funds sufficient to pay the non-Federal share of project costs) to ensure proper planning, management and completion of the project described in this application.
2. Will give the awarding agency, the Comptroller General of the United States and, if appropriate, the State, through any authorized representative, access to and the right to examine all records, books, papers, or documents related to the assistance; and will establish a proper accounting system in accordance with generally accepted accounting standards or agency directives.
3. Will not dispose of, modify the use of, or change the terms of the real property title, or other interest in the site and facilities without permission and instructions from the awarding agency. Will record the Federal interest in the title of real property in accordance with awarding agency directives and will include a covenant in the title of real property acquired in whole or in part with Federal assistance funds to assure non-discrimination during the useful life of the project.
4. Will comply with the requirements of the assistance awarding agency with regard to the drafting, review and approval of construction plans and specifications.
5. Will provide and maintain competent and adequate engineering supervision at the construction site to ensure that the complete work conforms with the approved plans and specifications and will furnish progress reports and such other information as may be required by the assistance awarding agency or State.
6. Will initiate and complete the work within the applicable time frame after receipt of approval of the awarding agency.
7. Will establish safeguards to prohibit employees from using their positions for a purpose that constitutes or presents the appearance of personal or organizational conflict of interest, or personal gain.
8. Will comply with the Intergovernmental Personnel Act of 1970 (42 U.S.C. §§4728-4763) relating to prescribed standards for merit systems for programs funded under one of the 19 statutes or regulations specified in Appendix A of OPM's Standards for a Merit System of Personnel Administration (5 C.F.R. 900, Subpart F).
9. Will comply with the Lead-Based Paint Poisoning Prevention Act (42 U.S.C. §§4801 et seq.) which prohibits the use of lead-based paint in construction or rehabilitation of residence structures.
10. Will comply with all Federal statutes relating to non-discrimination. These include but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§1681 1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. §794), which prohibits discrimination on the basis of handicaps; (d) the Age Discrimination Act of 1975, as amended (42 U.S.C. §§6101-6107), which prohibits discrimination on the basis of age; (e) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (f) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to nondiscrimination on the basis of alcohol abuse or alcoholism; (g) §§523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. §§290 dd-3 and 290 ee 3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (h) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. §§3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (i) any other nondiscrimination provisions in the specific statute(s) under which application for Federal assistance is being made; and, (j) the requirements of any other nondiscrimination statute(s) which may apply to the application.

11. Will comply, or has already complied, with the requirements of Titles II and III of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (P.L. 91-646) which provide for fair and equitable treatment of persons displaced or whose property is acquired as a result of Federal and federally-assisted programs. These requirements apply to all interests in real property acquired for project purposes regardless of Federal participation in purchases.
12. Will comply with the provisions of the Hatch Act (5 U.S.C. §§1501-1508 and 7324-7328) which limit the political activities of employees whose principal employment activities are funded in whole or in part with Federal funds.
13. Will comply, as applicable, with the provisions of the Davis-Bacon Act (40 U.S.C. §§276a to 276a-7), the Copeland Act (40 U.S.C. §276c and 18 U.S.C. §874), and the Contract Work Hours and Safety Standards Act (40 U.S.C. §§327-333) regarding labor standards for federally-assisted construction subagreements.
14. Will comply with flood insurance purchase requirements of Section 102(a) of the Flood Disaster Protection Act of 1973 (P.L. 93-234) which requires recipients in a special flood hazard area to participate in the program and to purchase flood insurance if the total cost of insurable construction and acquisition is \$10,000 or more.
15. Will comply with environmental standards which may be prescribed pursuant to the following: (a) institution of environmental quality control measures under the National Environmental Policy Act of 1969 (P.L. 91-190) and Executive Order (EO) 11514; (b) notification of violating facilities pursuant to EO 11738; (c) protection of wetlands pursuant to EO 11990; (d) evaluation of flood hazards in floodplains in accordance with EO 11988; (e) assurance of project consistency with the approved State management program developed under the Coastal Zone Management Act of 1972 (16 U.S.C. §§1451 et seq.); (f) conformity of Federal actions to State (Clean Air) Implementation Plans under Section 176(c) of the Clean Air Act of 1955, as amended (42 U.S.C. §§7401 et seq.); (g) protection of underground sources of drinking water under the Safe Drinking Water Act of 1974, as amended (P.L. 93-523); and, (h) protection of endangered species under the Endangered Species Act of 1973, as amended (P.L. 93-205).
16. Will comply with the Wild and Scenic Rivers Act of 1968 (16 U.S.C. §§1271 et seq.) related to protecting components or potential components of the national wild and scenic rivers system.
17. Will assist the awarding agency in assuring compliance with Section 106 of the National Historic Preservation Act of 1966, as amended (16 U.S.C. §470), EO 11593 (identification and protection of historic properties), and the Archaeological and Historic Preservation Act of 1974 (16 U.S.C. §§469a-1 et seq.).
18. Will cause to be performed the required financial and compliance audits in accordance with the Single Audit Act Amendments of 1996 and OMB Circular No. A-133, "Audits of States, Local Governments, and Non-Profit Organizations."
19. Will comply with all applicable requirements of all other Federal laws, executive orders, regulations, and policies governing this program.

SIGNATURE OF AUTHORIZED CERTIFYING OFFICIAL		TITLE
Oliver McBride		Owner
APPLICANT ORGANIZATION		DATE SUBMITTED
McBride Farm		January 30, 2006

REQUEST FOR ENVIRONMENTAL INFORMATION

Name of Project	McBride Wind
Location	Tope, CO, Las Animas County

Item 1a. Has a Federal, State, or Local Environmental Impact Statement or Analysis been prepared for this project?

Yes No Copy attached as EXHIBIT I-A.

1b. If "No," provide the information requested in Instructions as EXHIBIT I.

Item 2. The State Historic Preservation Officer (SHOP) has been provided a detailed project description and has been requested to submit comments to the appropriate Rural Development Office. Yes No Date description submitted to SHPO _____

Item 3. Are any of the following land uses or environmental resources either to be affected by the proposal or located within or adjacent to the project site(s)? (Check appropriate box for every item of the following checklist).

	Yes	No	Unknown		Yes	No	Unknown
1. Industrial	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	19. Dunes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Commercial	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	20. Estuary	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Residential	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	21. Wetlands	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Agricultural	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	22. Floodplain	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Grazing	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	23. Wilderness	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Mining, Quarrying	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(designated or proposed under the Wilderness Act)			
7. Forests	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	24. Wild or Scenic River	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Recreational	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(proposed or designated under the Wild and Scenic Rivers Act)			
9. Transportation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	25. Historical, Archeological Sites	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Parks	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(Listed on the National Register of Historic Places or which may be eligible for listing)			
11. Hospital	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	26. Critical Habitats	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Schools	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(endangered /threatened species)			
13. Open spaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	27. Wildlife	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Aquifer Recharge Area	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	28. Air Quality	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15. Steep Slopes	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	29. Solid Waste Management	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16. Wildlife Refuge	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	30. Energy Supplies	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17. Shoreline	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	31. Natural Landmark	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. Beaches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	(Listed on National Registry of Natural Landmarks)			
				32. Coastal Barrier Resources System	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Item 4. Are any facilities under your ownership, lease, or supervision to be utilized in the accomplishment of this project, either listed or under consideration for listing on the Environmental Protection Agency's List of Violating Facilities? Yes No

11/11/2005

(Date)

Signed: Oliver McBride

(Applicant)

Owner

(Title)

UNITED STATES DEPARTMENT OF AGRICULTURE
CERTIFICATION REGARDING
DRUG-FREE WORKPLACE REQUIREMENTS (GRANTS)
ALTERNATIVE I - FOR GRANTEEES OTHER THAN INDIVIDUALS

This certification is required by the regulations implementing Sections 5151-5160 of the Drug-Free Workplace Act of 1988 (Pub. L. 100-690, Title V, Subtitle D; 41 U.S.C. 701 *et seq.*), 7 CFR Part 3017, Subpart F, Section 3017.600, Purpose. The January 31, 1989, regulations were amended and published as Part II of the May 25, 1990 **Federal Register** (pages 21681-21691). Copies of the regulations may be obtained by contacting the Department of Agriculture agency offering the grant.

(Before completing Certification, read instructions on page 2)

Alternative I

A. The grantee certifies that it will or will continue to provide a drug-free workplace by:

- (a) Publishing a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the grantee's workplace and specifying the actions that will be taken against employees for violation of such prohibition;
- (b) Establishing an ongoing drug-free awareness program to inform employees about --
 - (1) The dangers of drug abuse in the workplace;
 - (2) The grantee's policy of maintaining a drug-free workplace;
 - (3) Any available drug counseling, rehabilitation, and employee assistance programs; and
 - (4) The penalties that may be imposed upon employees for drug abuse violations occurring in the workplace;
- (c) Making it a requirement that each employee to be engaged in the performance of the grant be given a copy of the statement required by paragraph (a);
- (d) Notifying the employee in the statement required by paragraph (a) that, as a condition of employment under the grant, the employee will --
 - (1) Abide by the terms of the statement; and
 - (2) Notify the employer in writing of his or her conviction for a violation of a criminal drug statute occurring in the workplace no later than five calendar days after such conviction;
- (e) Notifying the agency in writing, within ten calendar days after receiving notice under subparagraph (d)(2) from an employee or otherwise receiving actual notice of such conviction. Employers of convicted employees must provide notice, including position title, to every grant officer on whose grant activity the convicted employee was working, unless the Federal agency has designated a central point for the receipt of such notices. Notice shall include the identification number(s) of each affected grant;
- (f) Taking one of the following actions, within 30 calendar days of receiving notice under subparagraph (d)(2), with respect to any employee who is so convicted --
 - (1) Taking appropriate personnel action against such an employee, up to and including termination, consistent with the requirements of the Rehabilitation Act of 1973, as amended; or
 - (2) Requiring such employee to participate satisfactorily in a drug abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency;

(g) Making a good faith effort to continue to maintain a drug-free workplace through implementation of paragraphs (a), (b), (c), (d), (e) and (f).

B. The grantee may insert in the space provided below the site(s) for the performance of work done in connection with the specific grant:

Place of Performance (Street address, city, county, State, zip code)

123 Blaine Street, Lot 34

Tobe, CO 88990

Las Animas County

Check if there are workplaces on file that are not identified here.

McBride Farms

Organization Name

Award Number or Project Name

McBride Wind

Name and Title of Authorized Representative

Oliver McBride

11/11/05

Signature

Date

U.S. DEPARTMENT OF AGRICULTURE

**Certification Regarding Debarment, Suspension, Ineligibility
and Voluntary Exclusion - Lower Tier Covered Transactions**

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 7 CFR Part 3017, Section 3017.510, Participants' responsibilities. The regulations were published as Part IV of the January 30, 1989, Federal Register (pages 4722-4733). Copies of the regulations may be obtained by contacting the Department of Agriculture agency with which this transaction originated.

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS ON REVERSE)

- (1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- (2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

McBride Farm

McBride Wind

Organization Name

PR/Award Number or Project Name

Oliver McBride, Owner

Name(s) and Title(s) of Authorized Representative(s)

Oliver McBride

11/11/2005

Signature(s)

Date

Form AD-1048 (1/92)

U.S. DEPARTMENT OF AGRICULTURE

**Certification Regarding Debarment, Suspension, and Other
Responsibility Matters - Primary Covered Transactions**

This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 7 CFR Part 3017, Section 3017.510, Participants' responsibilities. The regulations were published as Part IV of the January 30, 1989 Federal Register (pages 4722-4733). Copies of the regulations may be obtained by contacting the Department of Agriculture agency offering the proposed covered transaction.

(BEFORE COMPLETING CERTIFICATION, READ INSTRUCTIONS ON REVERSE)

- (1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
- (a) are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) have not within a three-year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

McBride Farm

McBride Wind

Organization Name

PR/Award Number or Project Name

Oliver McBride, Owner

Name(s) and Title(s) of Authorized Representative(s)

11/22/2005

Signature(s)

Date

EQUAL OPPORTUNITY AGREEMENT

This agreement, dated November 11, 2005 between
Oliver McBride

(herein called "Recipient" whether one or more) and United States Department of Agriculture (USDA), pursuant to the rules and regulations of the Secretary of Labor (herein called the 'Secretary') issued under the authority of Executive Order 11246 as amended, witnesseth:

In consideration of financial assistance (whether by a loan, grant, loan guaranty, or other form of financial assistance) made or to be made by the USDA to Recipient, Recipient hereby agrees, if the cash cost of construction work performed by Recipient or a construction contract financed with such financial assistance exceeds \$10,000 - unless exempted by rules, regulations or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965.

1. To incorporate or cause to be incorporated into any contract for construction work, or modification thereof, subject to the relevant rules, regulations, and orders of the Secretary or of any prior authority that remain in effect, which is paid for in whole or in part with the aid of such financial assistance, the following "Equal Opportunity Clause":

During the performance of this contract, the contractor agrees as follows:

- (a) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited, to the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the USDA setting forth the provisions of this nondiscrimination clause.
- (b) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex or national origin.
- (c) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the USDA, advising the said labor union or workers' representative of the contractor's commitments under this agreement and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (d) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of all rules, regulations and relevant orders of the Secretary of Labor.
- (e) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, rules, regulations, and orders, or pursuant thereto, and will permit access to his books, records, and accounts by the USDA Civil Rights Office, and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (f) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be cancelled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order No. 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order No. 11246 of September 24, 1965, or by rule, regulation or order of the Secretary of Labor, or as otherwise provided by Law.
- (g) The contractor will include the provisions of paragraph 1 and paragraph (a) through (g) in every subcontract or purchase order, unless exempted by the rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order No. 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the USDA may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, that in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the USDA, the contractor may request the United States to enter into such litigation to protect the interest of the United States.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collections is 0575-0018. The time required to complete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

2. To be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, that if the organization so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.
3. To notify all prospective contractors to file the required 'Compliance Statement', Form RD 400-6, with their bids.
4. Form AD-425, Instructions to Contractors, will accompany the notice of award of the contract. Bid conditions for all nonexempt federal and federally assisted construction contracts require inclusion of the appropriate "Hometown" or "Imposed" plan affirmative action and equal employment opportunity requirements. All bidders must comply with the bid conditions contained in the invitation to be considered responsible bidders and hence eligible for the award.
5. To assist and cooperate actively with USDA and the Secretary in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary, that it will furnish USDA and the Secretary such information such as, but not limited to, Form AD 560, Certification of Nonsegregated Facilities, to submit the Monthly Employment Utilization Report, Form CC-257, as they may require for the supervision of such compliance, and that it will otherwise assist USDA in the discharge of USDA's primary responsibility for securing compliance.
6. To refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by USDA or the Secretary of Labor pursuant to Part II, Subpart D, of the Executive Order.
7. That if the recipient fails or refuses to comply with these undertakings, the USDA may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the organization under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such organization; and refer the case to the Department of Justice for appropriate legal proceedings.

Signed by the Recipient on the date first written above.

Oliver McBride

Recipient

Recipient

(CORPORATE SEAL)

Name of Corporate Recipient

Attest:

Secretary

By _____
President

ASSURANCE AGREEMENT
(Under Title VI, Civil Rights Act of 1964)

The Oliver McBride
123 Blaine Street, Lot 34, Tobe, CO, Las Animas County
(name of recipient)
(address)

("Recipient" herein) hereby assures the U. S. Department of Agriculture that Recipient is in compliance with and will continue to comply with Title VI of the Civil Rights Act of 1964 (42 USC 2000d et. seq.), 7 CFR Part 15, and Rural Housing Service, Rural Business-Cooperative Service, Rural Utilities Service, or the Farm Service Agency, (hereafter known as the "Agency") regulations promulgated thereunder, 7 C.F.R. §1901.202. In accordance with that Act and the regulations referred to above, Recipient agrees that in connection with any program or activity for which Recipient receives Federal financial assistance (as such term is defined in 7 C.F.R. §14.2) no person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination.

1. Recipient agrees that any transfer of any aided facility, other than personal property, by sale, lease or other conveyance of contract, shall be, and shall be made expressly, subject to the obligations of this agreement and transferee's assumption thereof.
2. Recipient shall:
 - (a) Keep such records and submit to the Government such timely, complete, and accurate information as the Government may determine to be necessary to ascertain our/my compliance with this agreement and the regulations.
 - (b) Permit access by authorized employees of the Agency or the U.S. Department of Agriculture during normal business hours to such books, records, accounts and other sources of information and its facilities as may be pertinent to ascertaining such compliance.
 - (c) Make available to users, participants, beneficiaries and other interested persons such information regarding the provisions of this agreement and the regulations, and in such manner as the Agency or the U.S. Department of Agriculture finds necessary to inform such persons of the protection assured them against discrimination.
3. The obligations of this agreement shall continue:
 - (a) As to any real property, including any structure, acquired or improved with the aid of the Federal financial assistance, so long as such real property is used for the purpose for which the Federal financial assistance is made or for another purpose which affords similar services or benefits, or for as long as the Recipient retains ownership or possession of the property, whichever is longer.
 - (b) As to any personal property acquired or improved with the aid of the Federal financial assistance, so long as Recipient retains ownership or possession of the property.
 - (c) As to any other aided facility or activity, until the last advance of funds under the loan or grant has been made.
4. Upon any breach or violation this agreement the Government may, at its option:
 - (a) Terminate or refuse to render or continue financial assistance for the aid of the property, facility, project, service or activity.
 - (b) Enforce this agreement by suit for specific performance or by any other available remedy under the laws of the United States or the State in which the breach or violation occurs.

Rights and remedies provided for under this agreement shall be cumulative.

In witness whereof, Oliver McBride on this _____
(name of recipient)

date has caused this agreement to be executed by its duly authorized officers and its seal affixed hereto, or, if a natural person, has hereunto executed this agreement.

(SEAL)

Oliver McBride	_____
November 11, 2005	_____ <i>Recipient</i>
Owner	_____ <i>Date</i>

Attest: _____
Title *Title*

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0570-0018. The time required to complete this information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

Project Summary

Title: McBride Wind

Description/Purpose: This project, entitled McBride Wind, seeks to alleviate some of the McBride Farm's high-energy costs by installing a 5 kW wind turbine system. On average, the turbine system should replace up to 90% of the annual energy demand of an essential maintenance shed located on the farm. The estimated annual energy output is projected at 9,663 kWh. The turbine system will be connected to the grid and a letter of intent for an interconnection agreement with Western Utility Services has been obtained. The total project cost is \$26,730. The applicant is applying for a grant in the amount of \$6,683.

Applicant Eligibility: Oliver McBride is an agricultural producer receiving more than 50% of his income from agricultural production. Oliver McBride is a citizen of the United States of America. Additionally, the applicant holds no outstanding judgment from Federal court, is not delinquent in federal income taxes or federal debt, and has not been debarred from receiving federal assistance. Oliver McBride demonstrates financial need in that the proposed project cannot achieve the income and cash-flows to sustain it financially over the long term without grant assistance.

Project Eligibility: The project is for the purchase of a 5kW wind turbine, a renewable energy system. The proposed turbine is commercially available and a replicable technology. Tobe, Colorado, a rural location, has been chosen as the installation site for the proposed project. Oliver McBride, owner and operator of the farm, has no plans to sell the farm in the foreseeable future and fully expects to own and control the proposed project for the period required to pay off the debt incurred by the system. Once trained by the system installer on the operations and maintenance of the small wind system, McBride will be responsible for the operations, management, and maintenance of the turbine system up to the eventual system decommissioning.

Operation Description: Oliver McBride functions as the sole owner of McBride Farm. Oliver's two sons, Collin and Nicholas McBride, assist with daily operations and maintenance of the farm. McBride Farms exists as a sole proprietorship. No parent, subsidiary or affiliate organizations involved with McBride Farms affect this project. McBride Farms produces corn, wheat, and beans. The proposed project will provide energy for an essential maintenance shed located on McBride Farm.

Financial Information for Size Determination:

See the following included Tax Forms:

- 1040 (page 14)
- 1040 Schedule F (page 15)

Label

(See instructions on page 16.) Use the IRS label. Otherwise, please print or type.

Label Here

Your first name and initial: Oliver M. Last name: McBride. Home address: 123 Blaine Street, Lot 34. City: Tobe, CO 88887.

Your social security number: 222 33 4444. Spouse's social security number.

You must enter your SSN(s) above.

Presidential Election Campaign

Check here if you, or your spouse if filing jointly, want \$3 to go to this fund (see page 16) You Spouse

Filing Status

Check only one box.

- 1 Single (checked) 2 Married filing jointly 3 Married filing separately 4 Head of household 5 Qualifying widow(er) with dependent child

Exemptions

If more than four dependents, see page 19.

6a Yourself (checked) 6b Spouse. Table for dependents with columns for name, SSN, relationship, and child tax credit. Total exemptions claimed: 1.

Income

Attach Form(s) W-2 here. Also attach Forms W-2G and 1099-R if tax was withheld.

If you did not get a W-2, see page 22.

Enclose, but do not attach, any payment. Also, please use Form 1040-V.

Table with 2 columns: Description (7-22) and Amount (7-22). Total income: 69300.

Adjusted Gross Income

Table with 2 columns: Description (23-37) and Amount (23-37). Adjusted gross income: 69100.

**SCHEDULE F
(Form 1040)**

Profit or Loss From Farming

OMB No. 1545-0074

2004
Attachment
Sequence No. **14**

Department of the Treasury
Internal Revenue Service (99)

▶ Attach to Form 1040, Form 1041, Form 1065, or Form 1065-B.

▶ See Instructions for Schedule F (Form 1040).

Name of proprietor
Oliver M. McBride

Social security number (SSN)
222 33 4444

A Principal product. Describe in one or two words your principal crop or activity for the current tax year.

Corn, beans, and wheat

B Enter code from Part IV

▶ **1 1 1 2 1 0**

D Employer ID number (EIN), if any

C Accounting method: (1) Cash (2) Accrual

E Did you "materially participate" in the operation of this business during 2004? If "No," see page F-2 for limit on passive losses. Yes No

Part I Farm Income—Cash Method. Complete Parts I and II (Accrual method taxpayers complete Parts II and III, and line 11 of Part I.) Do not include sales of livestock held for draft, breeding, sport, or dairy purposes; report these sales on Form 4797.

1	Sales of livestock and other items you bought for resale	1			
2	Cost or other basis of livestock and other items reported on line 1	2			
3	Subtract line 2 from line 1	3			
4	Sales of livestock, produce, grains, and other products you raised	4		240000	00
5a	Total cooperative distributions (Form(s) 1099-PATR)	5a			
5b	Taxable amount	5b			
6a	Agricultural program payments (see page F-2)	6a			
6b	Taxable amount	6b			
7	Commodity Credit Corporation (CCC) loans (see page F-3):				
7a	CCC loans reported under election	7a			
7b	CCC loans forfeited	7b			
7c	Taxable amount	7c			
8	Crop insurance proceeds and certain disaster payments (see page F-3):				
8a	Amount received in 2004	8a			
8b	Taxable amount	8b			
8c	If election to defer to 2005 is attached, check here <input type="checkbox"/>	8c			
8d	Amount deferred from 2003	8d			
9	Custom hire (machine work) income	9			
10	Other income, including Federal and state gasoline or fuel tax credit or refund (see page F-3)	10		30000	00
11	Gross income. Add amounts in the right column for lines 3 through 10. If accrual method taxpayer, enter the amount from page 2, line 51	11		270000	00

Part II Farm Expenses—Cash and Accrual Method. Do not include personal or living expenses such as taxes, insurance, repairs, etc., on your home.

12	Car and truck expenses (see page F-4—also attach Form 4562)	12			
13	Chemicals	13		14,000	00
14	Conservation expenses (see page F-4)	14			
15	Custom hire (machine work)	15			
16	Depreciation and section 179 expense deduction not claimed elsewhere (see page F-4)	16			
17	Employee benefit programs other than on line 25	17			
18	Feed purchased	18			
19	Fertilizers and lime	19		65,000	00
20	Freight and trucking	20			
21	Gasoline, fuel, and oil	21		6,000	00
22	Insurance (other than health)	22			
23	Interest:				
23a	Mortgage (paid to banks, etc.)	23a			
23b	Other	23b			
24	Labor hired (less employment credits)	24			
25	Pension and profit-sharing plans	25			
26	Rent or lease (see page F-5):				
26a	Vehicles, machinery, and equipment	26a			
26b	Other (land, animals, etc.)	26b			
27	Repairs and maintenance	27			
28	Seeds and plants purchased	28		38000	00
29	Storage and warehousing	29			
30	Supplies purchased	30			
31	Taxes	31		20000	00
32	Utilities	32		4000	00
33	Veterinary, breeding, and medicine	33			
34	Other expenses (specify):				
34a	Irrigation and drying	34a		57,000	00
34b	Spraying	34b		9,500	00
34c	34c			
34d	34d			
34e	34e			
34f	34f			
35	Total expenses. Add lines 12 through 34f	35		213,500	00
36	Net farm profit or (loss). Subtract line 35 from line 11. If a profit, enter on Form 1040, line 18, and also on Schedule SE, line 1. If a loss, you must go on to line 37 (estates, trusts, and partnerships, see page F-6)	36		56500	00

37 If you have a loss, you must check the box that describes your investment in this activity (see page F-6).
 • If you checked 37a, enter the loss on Form 1040, line 18, and also on Schedule SE, line 1.
 • If you checked 37b, you must attach Form 6996.

37a All investment is at risk.
 37b Some investment is not at risk.

Matching Funds: McBride Wind

Type	Source	Amount	% of Total Project Cost	Status										
Loan	Mountain State Financial Services	\$ 20,047	75%	Committed, contingent upon Section 9006 grant award (See Funding Commitment Letter, p. 12, includes contact information)										
Grant	USDA Section 9006	\$ 6,683	25%	Pending										
Total Project Cost:		\$ 26,730												

Self-Evaluation Score

Project Name: McBride Wind
Applicant: Oliver McBride

(1) Quantity of Energy produced, Replaced, or Saved (points may only be awarded for a single category)

Energy Replacement:

The RE system is intended for self-use by the farm.

Energy replacement = estimated quantity of energy to be generated/ energy profile of agricultural producer (last 12 months)

9,636 kWh per year / 10,707 kWh per year = 90% energy replacement (see page 21, Energy Profile)

15 points awarded

(2) Environmental Benefits

Environmental Goals:

This proposed RE system contributes to the state of Colorado's Renewable Portfolio Standard (RPS). Please see attached supporting documentation from the Colorado State Energy Office. (see page 22, Environmental Goals Letter)

10 points awarded

(3) Commercial Availability

The proposed system is currently commercially available, replicable, and comes with a 5-year warranty. (see page 24, Renewable Energy Technical Report)

10 points awarded

(4) Technical Merit Score

Note: This part completed during review by technical expert, not the applicant. However, an example of the technical merit scoring mechanics provided at the end of this evaluation criteria.

(5) Readiness

The applicant has a written commitment (contingent upon grant award) confirming 100 percent of the matching funds. (see page 23, Funding Commitment Letter)

15 points awarded

6) Small agricultural producer/very small business

Agricultural producer produces agricultural products with a gross market value of less than \$600,000 (preceding year). (see page 15, Tax Form, 1040 Schedule F)

5 points awarded

(7) Simplified application/low cost projects

Applicant is eligible for and has used the simplified application process.

5 points awarded

(8) Previous grantee and borrowers

The applicant has not been awarded a grant under this program within the previous 2 years.

5 points awarded

(9) Return on investment

Total Project Cost/Annual Income = Return cost of investment (years)

$\$26,730/\$697 = 38.3$ years (see page 24, Renewable Energy Technical Report)

0 points awarded

Total Score (before Technical Merit):

65 points

Technical Merit Score
(Calculation Example of Technical Merit Score)

Qualifications of project team	8 out of 10 points awarded
Agreements and Permits	4 out of 5 points awarded
Energy Resource Assessment	8 out of 10 points awarded
Design and Engineering	30 out of 30 points awarded
Project Development	4 out of 5 points awarded
Financial and Market Assessment	16 out of 20 points awarded
Equipment Procurement	4 out of 5 points awarded
Equipment Installation	5 out of 5 points awarded
Operations and Maintenance	4 out of 5 points awarded
Dismantling and disposal of project Components	5 out of 5 points awarded

Technical Merit Total: 88 points
Weighted Score: 88% of 35 = **30.8**

30.8 points awarded

Overall Score: 65 + 30.8 = 95.8



Western Utility Services

RE: Request for Energy Profile for Maintenance Shed on McBride Farm

Customer: Oliver McBride
Account Number: 4455667788
Address: 123 Blaine Street, Lot 34
Tobe, CO 88887
Location: Maintenance shed located on farm.

2005

Month	kWh used
January	950
February	1,000
March	900
April	900
May	850
June	825
July	800
August	800
September	825
October	825
November	1,000
December	1,032
Total	10,707

This Energy Profile performed by Western Utility Services.

Jason Grindstaff
Western Utility Services
Energy Analyst
(p) 333.444.5555
(f) 333.444.5544
jasong@wus.com



Office of Energy Management and Conservation
123 Runner Road, Suite 300
Pearson, CO 99009
(p) 333.333.3333
(f) 333.333.3343

October 30, 2006

Rural Energy Coordinator
USDA Rural Development
3344 34th Street
Lane, CO 99880

Mr. Coordinator,

The Colorado Governor's Office of Energy Management and Conservation would like to offer its support to the McBride Wind renewable energy project, located in Tobe, CO, seeking funding through the U.S. Department of Agriculture's Section 9006 Farm Bill program.

On November 2, 2004, the State of Colorado approved Amendment 37, a proposed renewable portfolio standard (RPS). The initiative requires Colorado utilities with 40,000 or more customers to generate or purchase a percentage of their electricity from renewable sources according to the following schedule:

- 3% from 2007 through 2010
- 6% from 2011 through 2014
- 10% by 2015 and thereafter

It is expected that USDA Section 9006 renewable energy projects that intend to connect to the grid will contribute to this RPS, furthering the ability of the state to meet its requirements. The McBride Wind project will directly contribute 9,930 kWh annually in meeting this RPS schedule.

Please accept this letter of support for the McBride Wind project from the Colorado Governor's Office of Energy Management and Conservation.

George Martin

George Martin
Manager
Office of Energy Management and Conservation



Mountain State Financial Services

November 2, 2006

Mr. Oliver McBride
123 Blaine Street, Lot 34
Tobe, CO 88887

Dear Mr. McBride:

This letter serves as a commitment from Mountain State Financial Services to provide financing in the amount of \$20,047. The loan proceeds are to be used to purchase a wind turbine. This approval is contingent upon your receipt of a USDA Section 9006 grant.

Sincerely,

Joe Banker

Joe Banker
Sr. Business Analyst
Mountain State Financial Services

P.O Box 68 - Tobe, CO 88776
PHONE 333.555.6666 - FAX 333.555.6677
www.msfonline.com

Section 9006 Simplified Application Small Wind Technical Worksheet
 (Total Project Costs of \$200,000 or less & turbines 100kW or smaller)

Applicant Information	Document Checklist
First Name: Oliver Middle Initial: M Last Name: McBride Zip Code: 88889 Company/Organization (if applicable): Project Name: McBride Wind	Attach the following documentation: 1. Describe project site. Preferably attach a one page color site map. Must indicate location of wind turbines, structures or trees, inverter batteries (if any), lockable disconnect switch, and point of connection with the utility system..... <input checked="" type="checkbox"/> 2. Annual average wind speed and wind direction (documentation and data source)..... <input checked="" type="checkbox"/> 3. Estimated annual energy output (attach documentation and methodology)..... <input checked="" type="checkbox"/> 4. One-line diagram for electrical interconnection... <input checked="" type="checkbox"/> 5. Optional, but helpful, site photos. Preferred method is to take a series of photographs from the proposed turbine location. Rotate 360 degrees clockwise taking pictures every 46 degrees. Indicate predominate wind direction on one photo..... <input type="checkbox"/>

Section a: Qualifications of key service providers.

Company/Organization Name: Wind Works
 First Name: Henry Last Name: Leary Title: Senior System Installer, PE
 Daytime Phone (include area code): 222-333-4444 Web Site: N/A
 Mailing Address: 75 South Street, Suite 900
 City: Trinidad State: CO Zip: 88889
 Function: N/A
 Last manufacturer workshop attended: 2005 Wind Energy Training
 Credentials and years of related experience: 15
 Number and type of similar systems installed: >85 turbines installed, 70% of those were Jakon Turbines

Company/Organization Name:
 First Name: Last Name: Title:
 Daytime Phone (include area code): Web Site:
 Mailing Address:
 City: State: Zip:
 Function:
 Last manufacturer workshop attended:
 Credentials and years of related experience:
 Number and type of similar systems installed:

Company/Organization Name:
 First Name: Last Name: Title:
 Daytime Phone (include area code): Web Site:
 Mailing Address:
 City: State: Zip:
 Function:
 Last manufacturer workshop attended:
 Credentials and years of related experience:
 Number and type of similar systems installed:

Disclaimer: This technical requirements worksheet is applicable only for projects eligible under the Section 9006 Simplified Application Process (total eligible project costs \$200,000 or less). This worksheet is provided by the National Renewable Energy Laboratory (NREL) to assist applicants in meeting technical requirements contained in Appendix A of 7 CFR Part 4280. This worksheet is meant for guidance purposes only, and is not considered a replacement for the USDA 9006 Sample Small Wind Application for application requirements.

Section b: Agreements, permits, and certifications.

(1) Identify all required building agreements and permits:

Building In the state of CO, no special building permit required in areas zone for ag, if the structure is under 70ft. A standard permit will be obtained. have permit attached initiated needs to be sent none required

Electrical Electrical Installation Permit will be obtained and all electrical installations will conform with applicable electrical codes have permit attached initiated needs to be sent none required

Zoning have permit attached initiated needs to be sent none required

Other _____ have permit attached initiated needs to be sent none required

(2) Interconnection agreements and tariff arrangements:

Interconnection agreement..... completed attached initiated needs to be sent none required

Tariff arrangement..... completed attached initiated needs to be sent none required

Utility name: Western Utility Services Inc

Describe plans for meeting utility requirements, if applicable: A letter of intent to purchase has been obtained from our local utility, Western Utility Services Inc. (see attached letter dated Nov 12, 2006). We plan to meet all conditions specified under Rate Code XX30 and will receive confirmation of this by 12/07.

An Interconnection permit will be obtained from our local utility, Western Utility Services Inc. We plan to file the permit application upon receipt of the grant funds.

(3) Environmental:

Are there any additional environmental concerns that are not previously identified on Form RD 1940-20?
 Yes No
 If yes, describe:

Section c: Resource assessment.

Average annual wind speed: 7.1 m/s (mph or m/s) Height at reference point: 50 m (m or ft)
 Wind direction: NE Wind Speed: Elevation: 5500 ft
 Estimated annual energy output*: 9,636 kWh
 *Please attach documentation and methodology used for calculating estimated annual energy output.

Section d: Design and engineering.

Turbine:

Wind turbine manufacturer: Jakon Turbines

Manufacturer's web site address: www.jakon.com

Turbine Model: 5x Titan

Number of similar model turbines sold by manufacturer: 250

Wind turbine rated power: 5 kW at 24 mph (10.75 m/s)
 Wind turbine peak power: 6 kW at 30 mph
 Wind turbine output voltage: 48V
 Number of turbines for this project: 1
 Total wind system output: 5 kW (No. of turbines x power output rating)
 Turbine rotor diameter: 16 ft (4.9 m) (ft. or m)

Tower:

Tower height: 65 ft (20m) (ft. or m)
 Manufacturer Type: Riley Towers guyed tilt up self supporting

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Inverter:

Inverter manufacturer: MGH Inverters
 Inverter model: X4-250
 Number of inverters: 1
 Inverter's continuous AC rating: 6 kW
 Total inverter output (Inverter continuous AC rating x number of inverters): 6 kW

Battery:

Battery model: Z40-XXX
 Battery voltage: 6V per battery Volts 375 Ah Amp-hour rating (20 hour rate)
 Number of strings: 2
 DC bus voltage: 48 Volts
 Turbine controller model (if applicable): Powerflo
 Diversion load power rating (if applicable): 7 kW

System type and mode of operation: (check applicable)

- Utility interactive (parallel/capable of backfeeding the meter)
- Utility interactive with battery backup (capable of backfeeding the meter)
- Dedicated circuit, utility power as backup (transfer switch)
- Dedicated circuit, battery charging, utility power as backup (transfer switch)
- Stand-alone (system confined to an independent circuit, no utility backup)
- Stand-alone with battery backup (system confined to an independent circuit, no utility backup)

Section e: Project development schedule.

Check boxes to indicate activity:

Month	1	2	3	4	5	6	7	8	9	10	11	12
Approved permits & permits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment is ordered	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment arrives	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Startup and Shakedown	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

What is the estimated start date? 07/01/2007

Is the proposed equipment readily available.....Yes No

Do you anticipate any delays in receiving the equipment once it is ordered.....Yes No

Describe the impact of any delays on the project completion:

Section f: Project economic assessment.

Costs of project components:

Turbine.....	\$9,000.00
Tower.....	\$3,000.00
Inverter.....	\$4,250.00
Batteries.....	\$4,350.00
Pumps.....	\$
Site Preparation.....	\$200.00

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Foundation.....	\$700.00
Fee/Permits.....	\$30.00
Electrician.....	\$200.00
Installer.....	\$4,000.00
Extended warranty (if applicable).....	\$
Description:	
Other project cost.....	\$1,000.00
Description: Miscellaneous fees	
Total eligible project cost:	\$26,730.00

Financial performance and simple payback calculation

Calculate simple payback using estimated Annual Energy Output (kWh generated) from the project, utility tariffs (for either net metering or net billing, whichever is applicable), and any applicable production incentives.

Simple payback calculation:

$$\text{Simple Payback Period (in years)} = \frac{\text{Total Eligible Project Cost}}{\text{Annual Savings/Income}}$$

Where: Annual Savings/Income = (Estimated Annual Energy Output x Local Customer Rate)+ Value of Production Incentives

EXAMPLE:

Annual Savings/Income calculation for Net Metering (single bi-directional meter) or Net Billing (two-directional Meters)
 Estimated Annual Energy Output (AEO) kWh:

Electricity consumed on site (utility bill reduction)	_____ AEO kWh	x _____ c/kWh = \$ _____	Local cost of electricity (customer retail rate)
Net excess electricity	_____ AEO kWh	x _____ c/kWh = \$ _____	Price paid by utility for net excess energy (net metering) or utility buy back rate (net billing)
Green tags	_____ AEO kWh	x _____ c/kWh = \$ _____	
State or other production incentive	_____ AEO kWh	x _____ c/kWh = \$ _____	
Other incentive	_____ AEO kWh	x _____ c/kWh = \$ _____	
Describe Other Incentive:			
Annual Savings/Income		= \$ _____	

Provide calculation here or attach a separate sheet:

The turbine system should replace up to 90% of the annual energy demand of an essential maintenance shed located on the farm

Annual Savings = 9,636 kWh x 0.0723 \$/kWh = \$697

Simple Payback Period = \$26,730 / \$695 = 38 years

Disclaimer: This technical requirements worksheet is applicable only for projects eligible under the Section 9006 Simplified Application Process (total eligible project costs \$200,000 or less). This worksheet is provided by the National Renewable Energy Laboratory (NREL) to assist applicants in meeting technical requirements contained in Appendix A of 7 CFR Part 4280. This worksheet is meant for guidance purposes only, and is not considered a replacement for the USDA 9006 Sample Small Wind Application for application requirements.

Describe (or attach) the applicable electrical tariff: Flat rate of 0.0723 \$/kWh from Western Utility Services.
Time of day purchase service: rate code XX30.

Describe any other incentives or revenue sources not included in the simple payback calculation. This may include state rebate programs or renewable energy credit programs. None.

Section g: Equipment procurement.

Certify that "open and free" competition will be used in the procurement of components in a manner consistent with the requirements of 7 CFR part 3015 of this title. See the Technical Requirements Certifications form.

Section h: Equipment installation.

The equipment must be installed in accordance with all applicable safety and work rules. See the Technical Requirements Certifications form.

Section i: Operations and maintenance.

Design life of system: 20

Indicate length (years) of warranty for the following:

Design 10 Turbine 10 Inverter 8 Battery 5 Parts and Labor

Other:

Describe:

Does the project have unique operation issues? Yes No

If yes, please explain:

Section j: Dismantling and disposal of project.

Is there a plan for dismantling and disposal? Yes No

Please describe: Turbine will be refurbished and sold, if possible.

Technical Requirements Certifications
Small Wind: 100 kW or less and total project cost of \$200K or less

WHEREAS, Oliver McBride _____ herein call the "Grantee", intends to obtain assistance from the United States of America, acting through the U.S. Department of Agriculture, herein called the "Government", acting under the provisions of the Renewable Energy Systems and Energy Efficiency Improvements Program, 4280-B regulations.

NOW THEREFORE, the Grantee hereby certifies the following technical requirements have been or will be met:

1. The proposed project will be installed according to applicable federal, state, and local codes.
2. For this project, "open and free" competition will be used for the procurement of components in a manner consistent with the requirements of 7 CFR part 3015 of this title.
3. Equipment installation will be made in accordance with all applicable safety and work rules. Additionally, the Grantee agrees that upon successful system installation and following established operation, the successful applicant must deliver invoices and evidence of payment.
4. Project components will be dismantled or disposed of as appropriate or if necessary to ensure public safety at the end of their useful lives.
5. Project developer will hold appropriate liability insurance.
6. The project will be completed within two years from date of the approval.

IN WITNESS WHEREOF, I have executed this 2nd day of April, 2007.

Oliver McBride

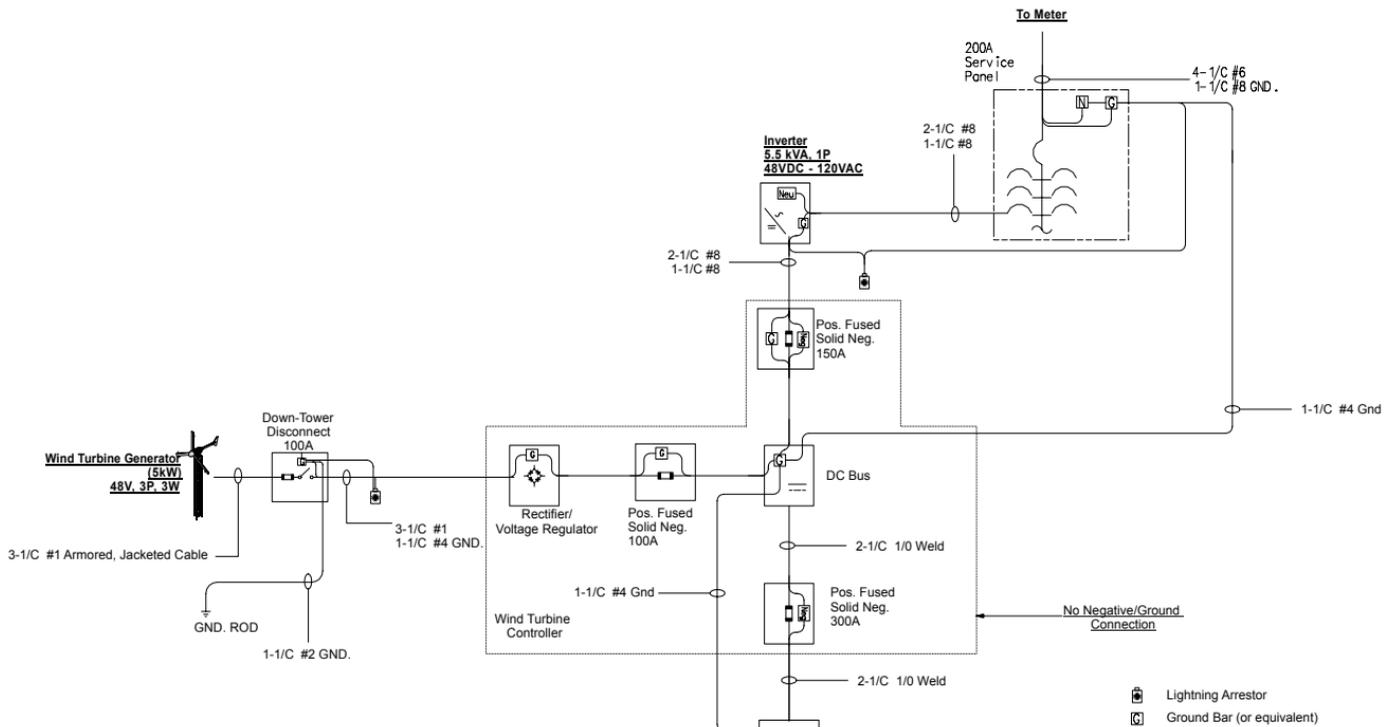
Grantee

Grantee

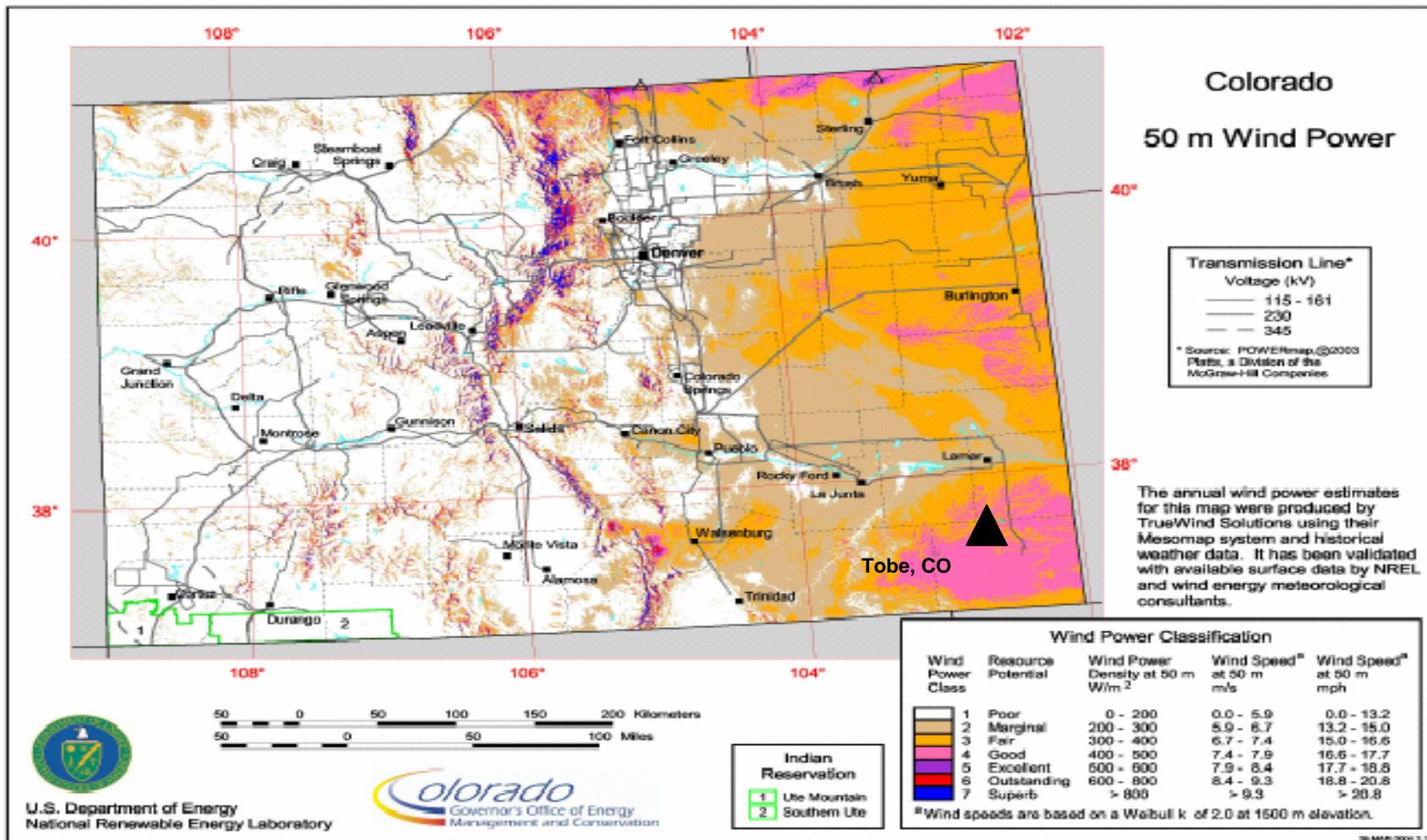
Disclaimer: This technical requirements worksheet is applicable only for projects eligible under the Section 9006 Simplified Application Process (total eligible project costs \$200,000 or less). This worksheet is provided by the National Renewable Energy Laboratory (NREL) to assist applicants in meeting technical requirements contained in Appendix A of 7 CFR Part 4280. This worksheet is meant for guidance purposes only, and is not considered a replacement for the USDA 9006 Sample Small Wind Application for application requirements.

Site Map – McBride Wind
123 Blaine Street, Lot 34
Tobe, Colorado, Las Animas County





Section C Attachment: Resource Assessment
 Annual Average Wind Speed
 Source: Department of Energy, Wind Powering America



**Section C Attachment: Resource Assessment
Estimated Annual Energy Output**

Source: National Wind Technology Center

	kWh	% Annual Production
Jan	735	0.07
Feb	779	0.08
Mar	868	0.09
Apr	1087	0.11
May	996	0.10
Jun	890	0.09
Jul	727	0.07
Aug	701	0.07
Sep	735	0.07
Oct	732	0.07
Nov	785	0.08
Dec	895	0.09

5x SWWP H40s

Average Wind Speed (m/s)
@ 50 meters 7.1 Class III
@25 meters 6.2 hub height



Western Utility Services

November 12, 2006

Oliver McBride
123 Blaine Street, Lott 34
Murphy, CO 88990

RE: Intent for an interconnection agreement (5 kW wind turbine)

Dear Mr. McBride:

From our conversations, I understand you are applying for a federal grant from the U.S. Department of Agriculture's Farm Bill Section 9006 Program. Previously, I referred you to our rates on the Internet, specifically the Time of Day Purchase Service, Rate Code XX30.

As we discussed, these are the conditions under which Western Utility Services can and will consider purchasing energy from you. These criteria must be met prior to negotiating a power purchase agreement (PPA).

Western Utility Services looks forward to working with you in the future. Please feel free to contact me as (333) 756-4598 with any questions or concerns.

Sincerely,

Mollie Utility

Mollie Utility
Manager
Renewable Energy Purchases

**Certification Regarding Qualification
For Simplified Grant Applications
4280.109**

WHEREAS, _____ Oliver McBride _____
herein called the "Grantee", intends to obtain assistance from the United States of America, acting through the U. S. Department of Agriculture, herein called the "Government", acting under the provisions of the Renewable Energy Systems and Energy Efficiency Improvements Grant Program 4280-B regulations.

NOW THEREFORE, the Grantee hereby certifies the following simplified application criteria have been or will be met:

- (1) The grantee (applicant) is eligible in accordance with 4280.107. (Guide 5)
- (2) The project is eligible in accordance with 4280.108.
- (3) Total eligible project costs are \$200,000 or less. The total eligible project cost of my project is \$26,730.
- (4) The proposed project will use commercially available renewable energy systems or energy efficiency improvements.
- (5) Construction planning and performing development will be performed in compliance with 4280.115. The grantee or the grantee's prime contractor will assume all risks and responsibilities of project development.
- (6) The grantee or the grantee's prime contractor is responsible for all interim financing.
- (7) The proposed project is scheduled to be completed within 24 months after entering into a grant agreement. The Agency may extend this period if the Agency determines, at its sole discretion, that the applicant is unable to complete the project for reasons beyond the applicant's control.
- (8) The grantee agrees not to request reimbursement from funds obligated under this program until after project completion, including all operational testing and certifications acceptable to the Agency.

IN ADDITION, the Grantee hereby certifies the following application processing and administration requirements have been met and/or are agreed to:

- (1) Applications documents have been submitted in accordance with 4280.111, or if applying for a combined grant and loan, also in accordance with 4280.193 (c).

(2) The grantee has certified that it meets the definition of demonstrated financial need, as defined in 4280.103. The Agency reserves the right to request additional information.

(3) The grantee certifies that project development will follow 4280.115, except as follows:

True (i) The grantee will participate in project development without direct compensation subject to approval in writing by the prime contractor. All applicable construction practices, manufacturer instructions, and all safety codes and standards will be followed during construction and testing, and the work product must meet all applicable manufacture specifications, and all applicable codes and standards. The prime contractor will be responsible for the overall successful completion of the project including any work done by the grantee,

or

_____ (ii) The grantee can demonstrate to the Agency that the grantee has the necessary experience and other resources to successfully complete the project and may serve as the prime contractor/installer. Projects where the grantee serves as the prime contractor will secure the services of an independent, professionally responsible, qualified consultant to certify testing specifications, procedures, and testing results.

(4) The project is complete when the grantee has provided a written final project development, testing, and performance report acceptable to the Agency. Upon notification of receipt of an acceptable project completion report, the grantee may request grant reimbursement. The Agency reserves the right to observe the testing.

(5) National flood insurance is required, if applicable. Business interruption insurance is not required.

IN WITNESS WHEREOF, I have executed this certification on this 11th day of November, 2005.

Oliver McBride

Grantee

Grantee